

Supplementary data

Synthesis of Hybrid Epoxy Methacrylate Resin Based on Diglycidyl Ethers and Coatings Preparation *via* Cationic and Free-Radical Photopolymerization

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The NMR spectra of substrates and epoxy methacrylated pre-polymers

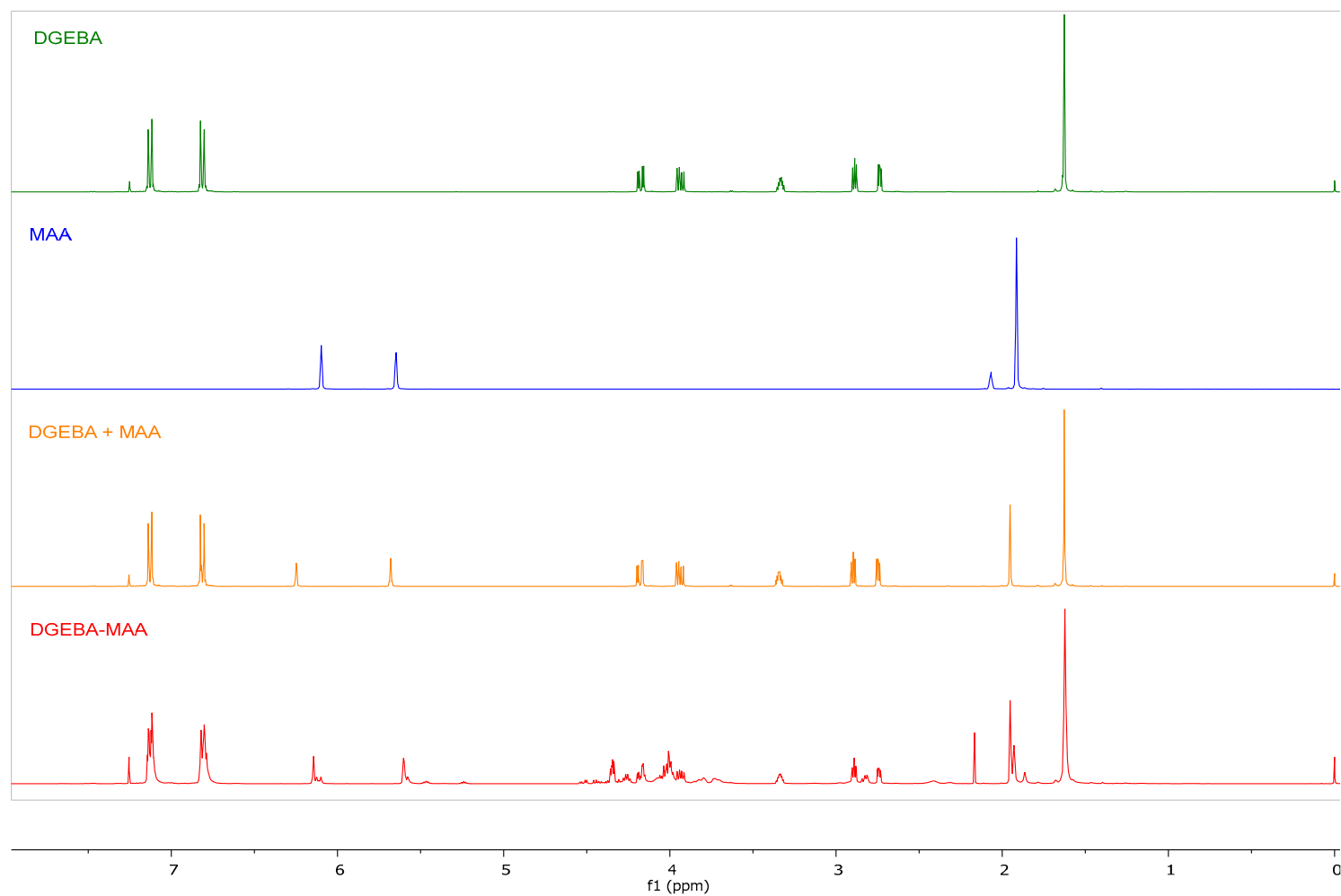


Figure S1. ^1H NMR spectra of DGBA (green), MAA (blue), the mixture of DGBA and MAA (orange), and reaction mixture DGBA-MAA (red).

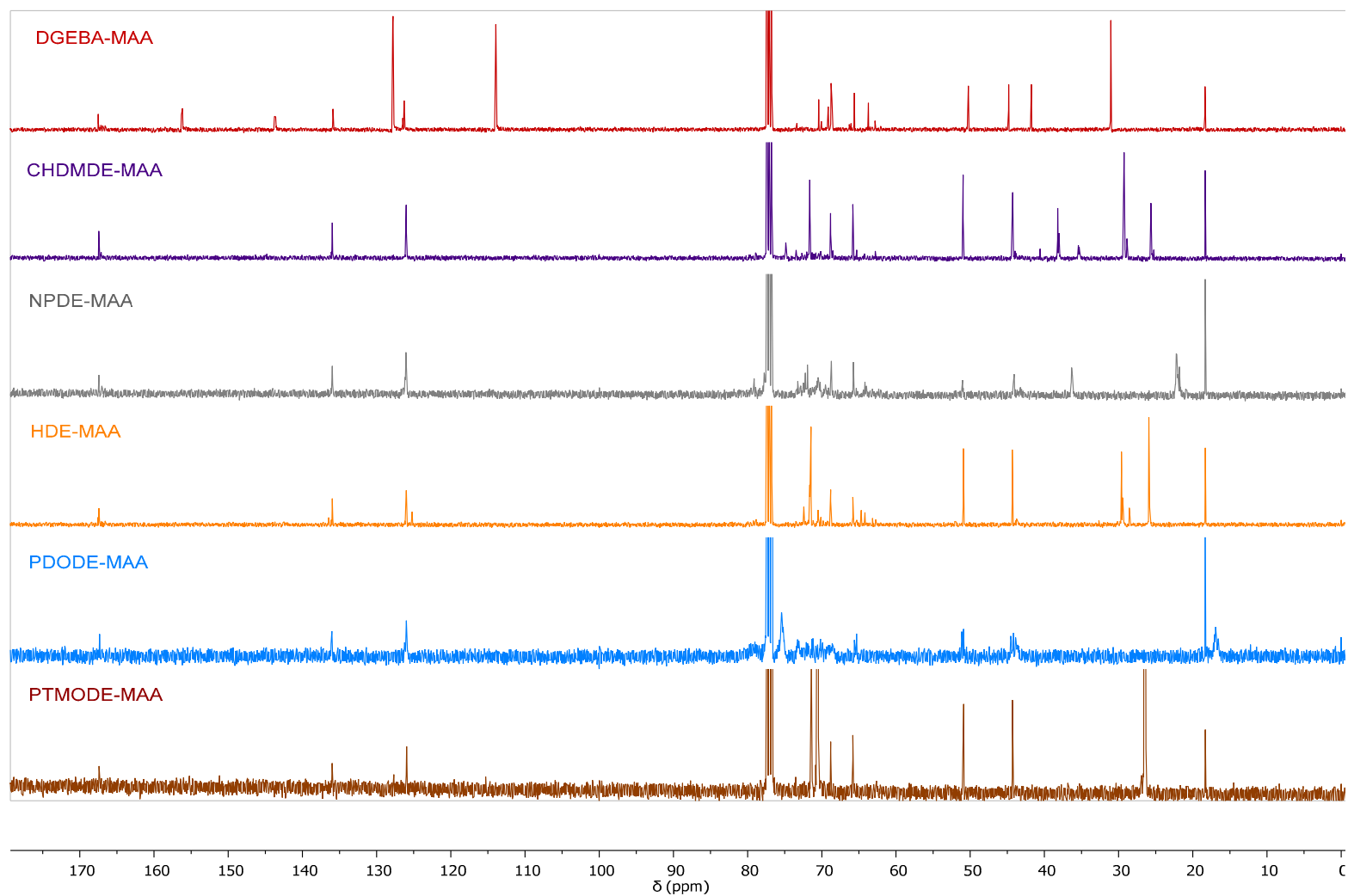


Figure S2. ^{13}C NMR spectra of DGEBA-MAA (red), CHDMDE-MAA (violet), NPDE-MAA (grey), HDE-MAA (orange), PODE-MAA (blue), PTMODE-MAA (brown).

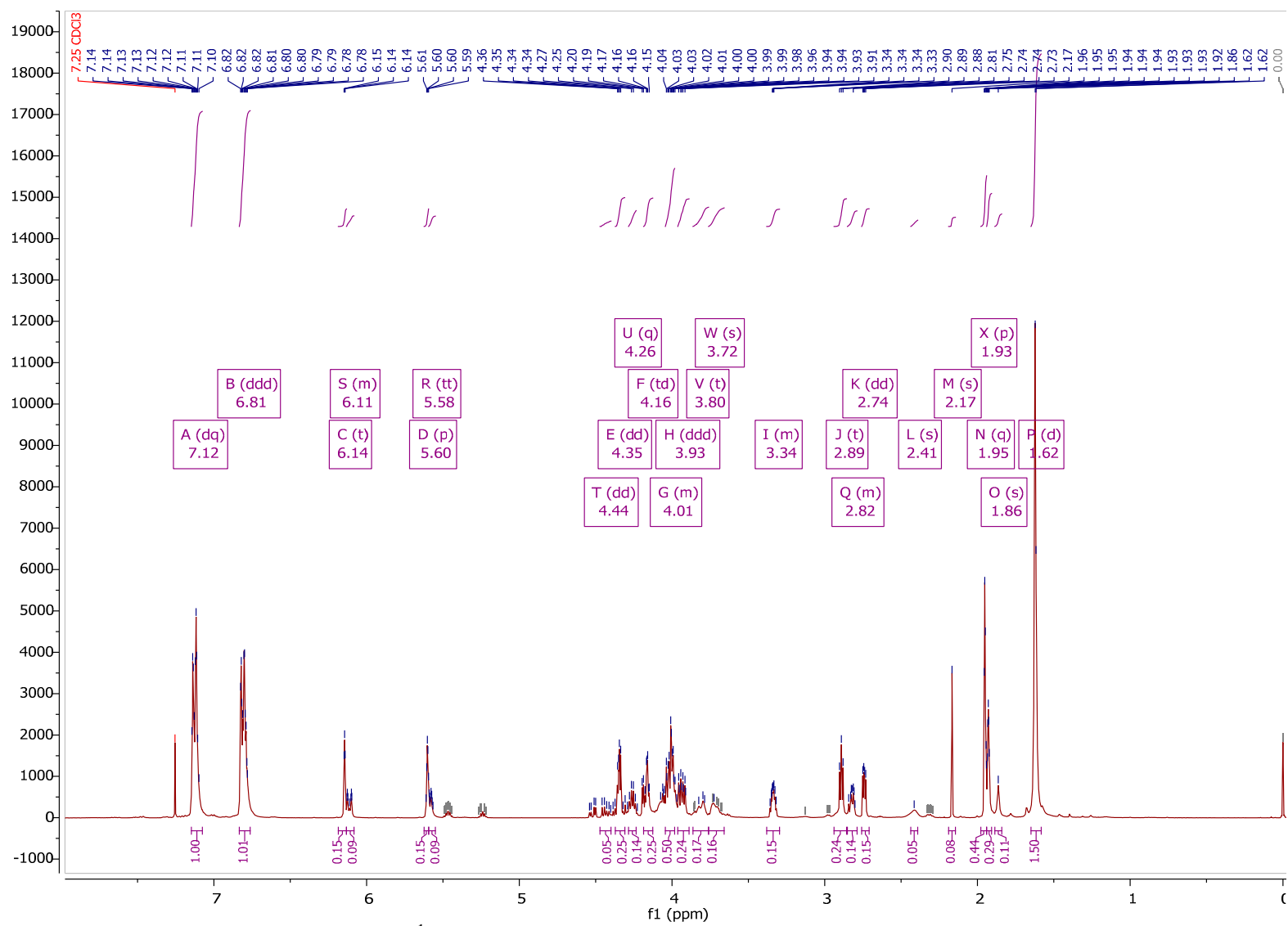


Figure S3. ^1H NMR spectra of reaction mixture DGBA-MAA.

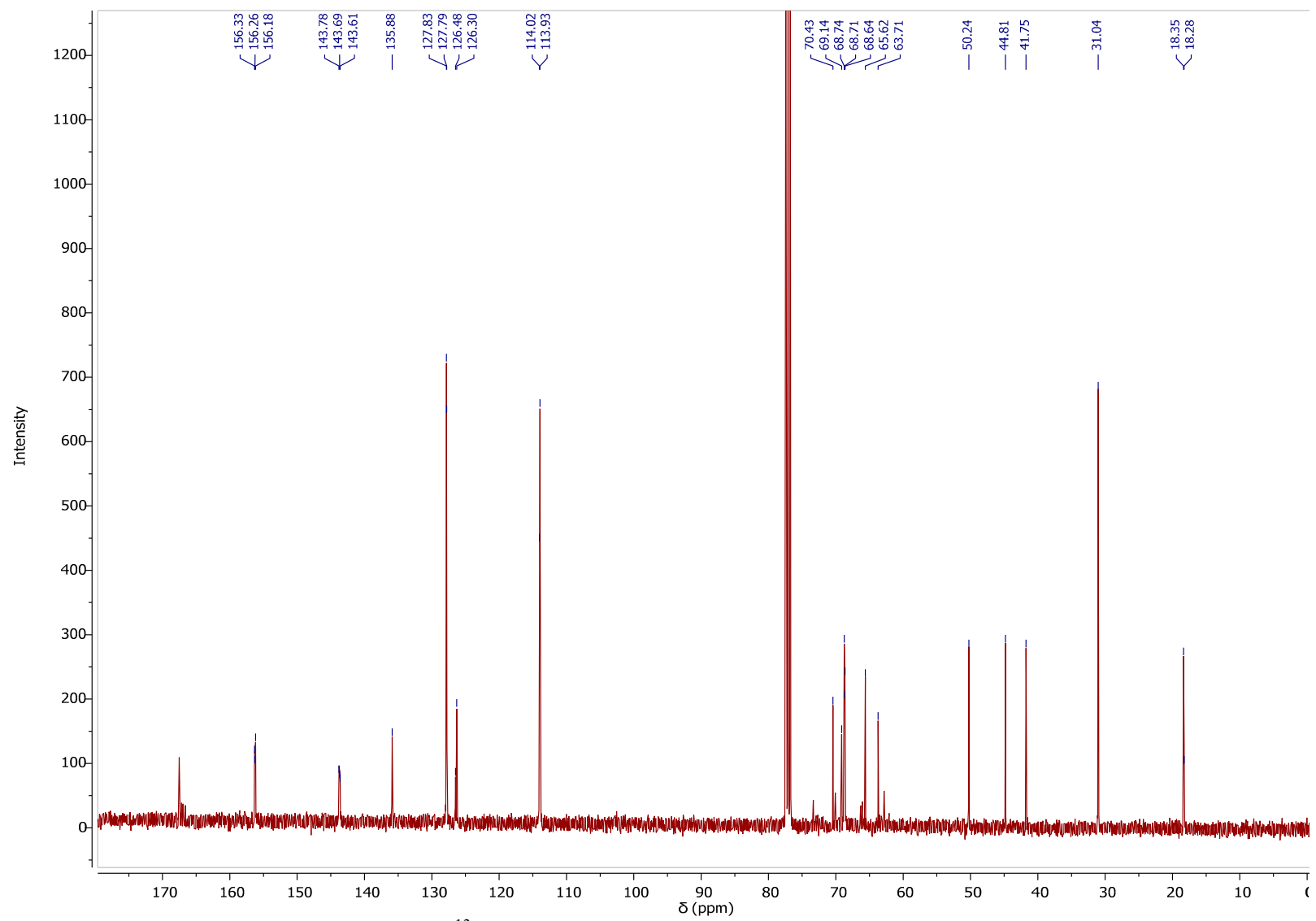


Figure S4. ¹³C NMR spectra of reaction mixture DGBA-MAA.

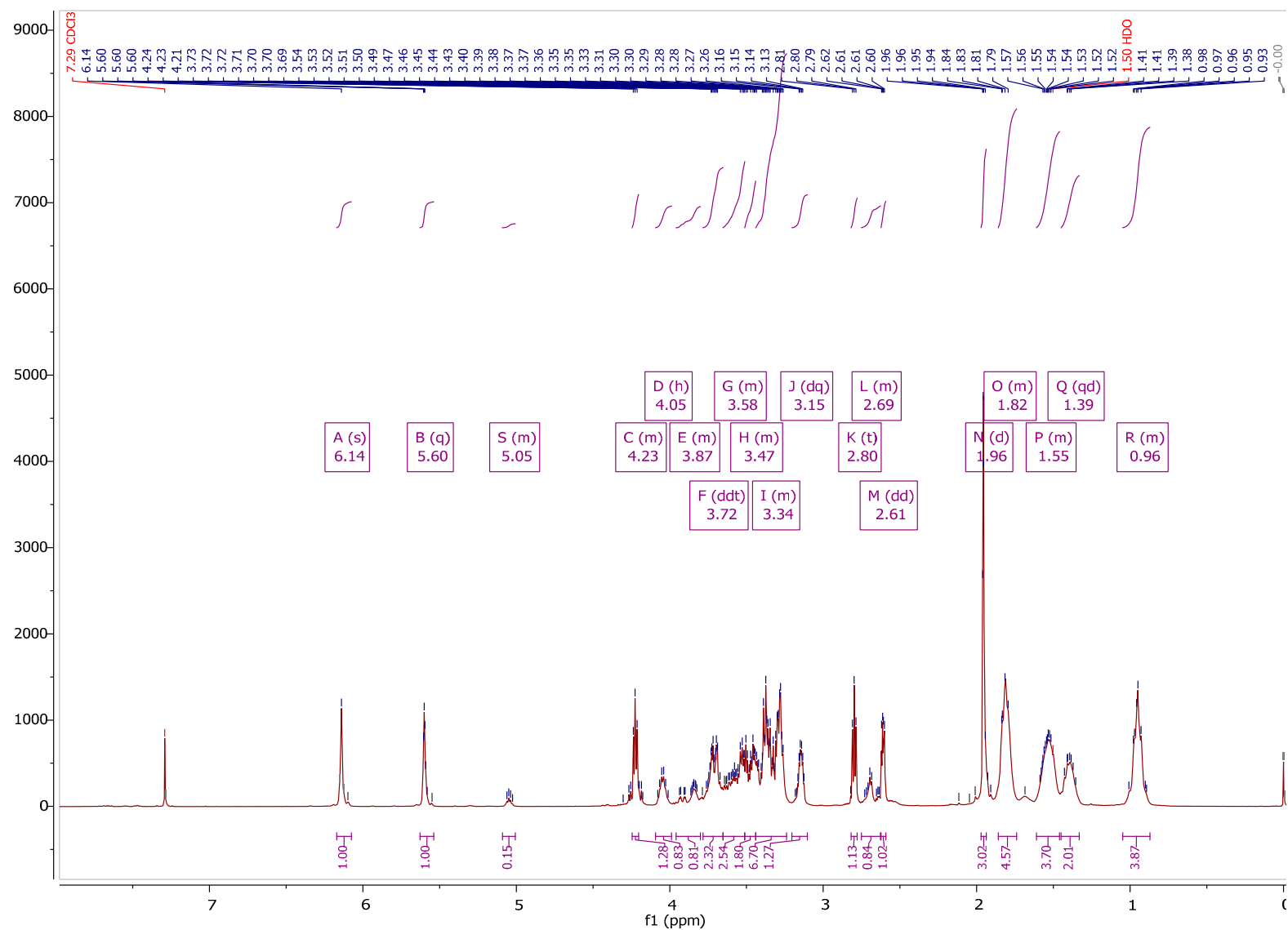


Figure S5. ^1H NMR spectra of reaction mixture CHDMDE-MAA.

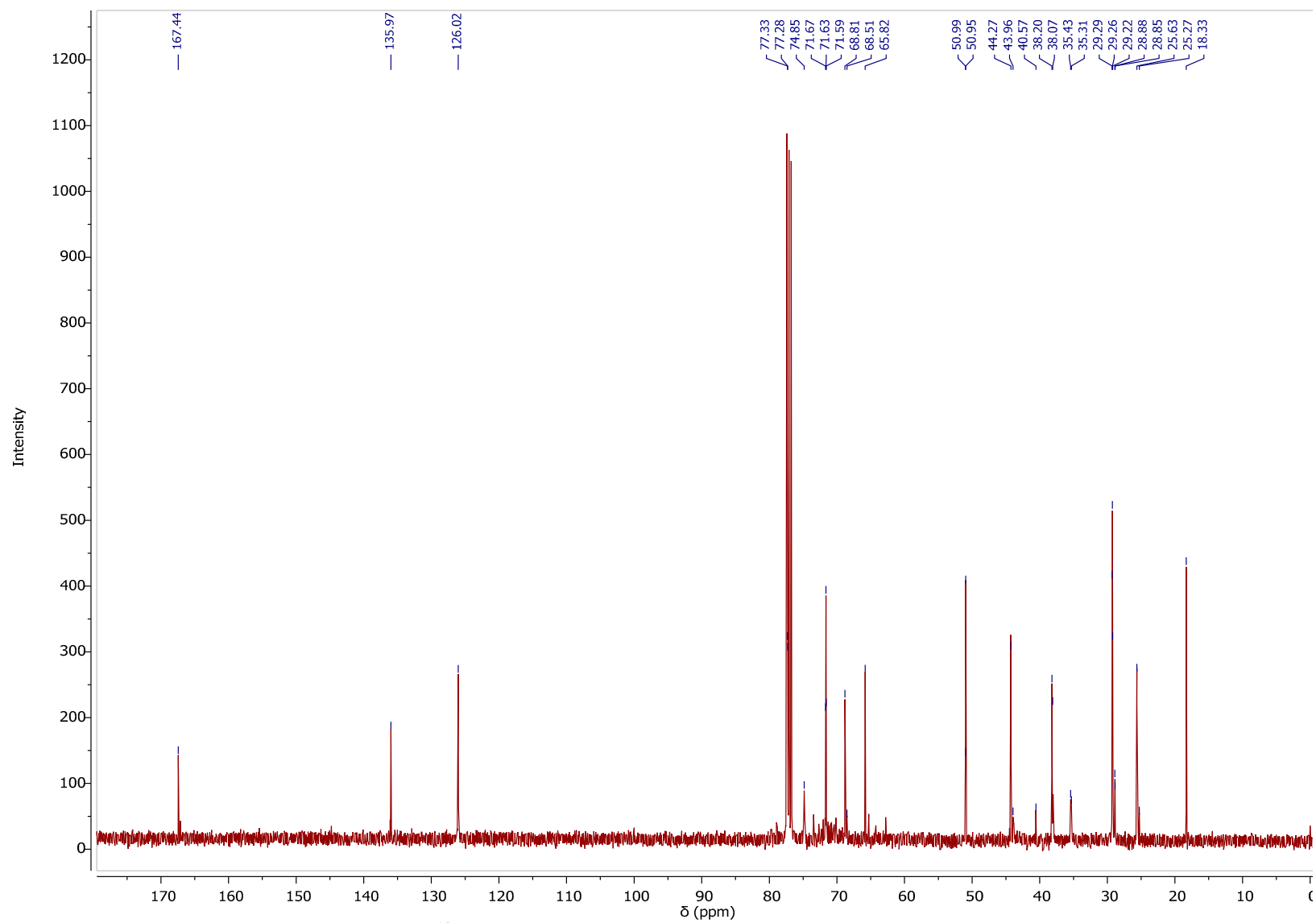


Figure S6. ^{13}C NMR spectra of reaction mixture CHDMDE -MAA.

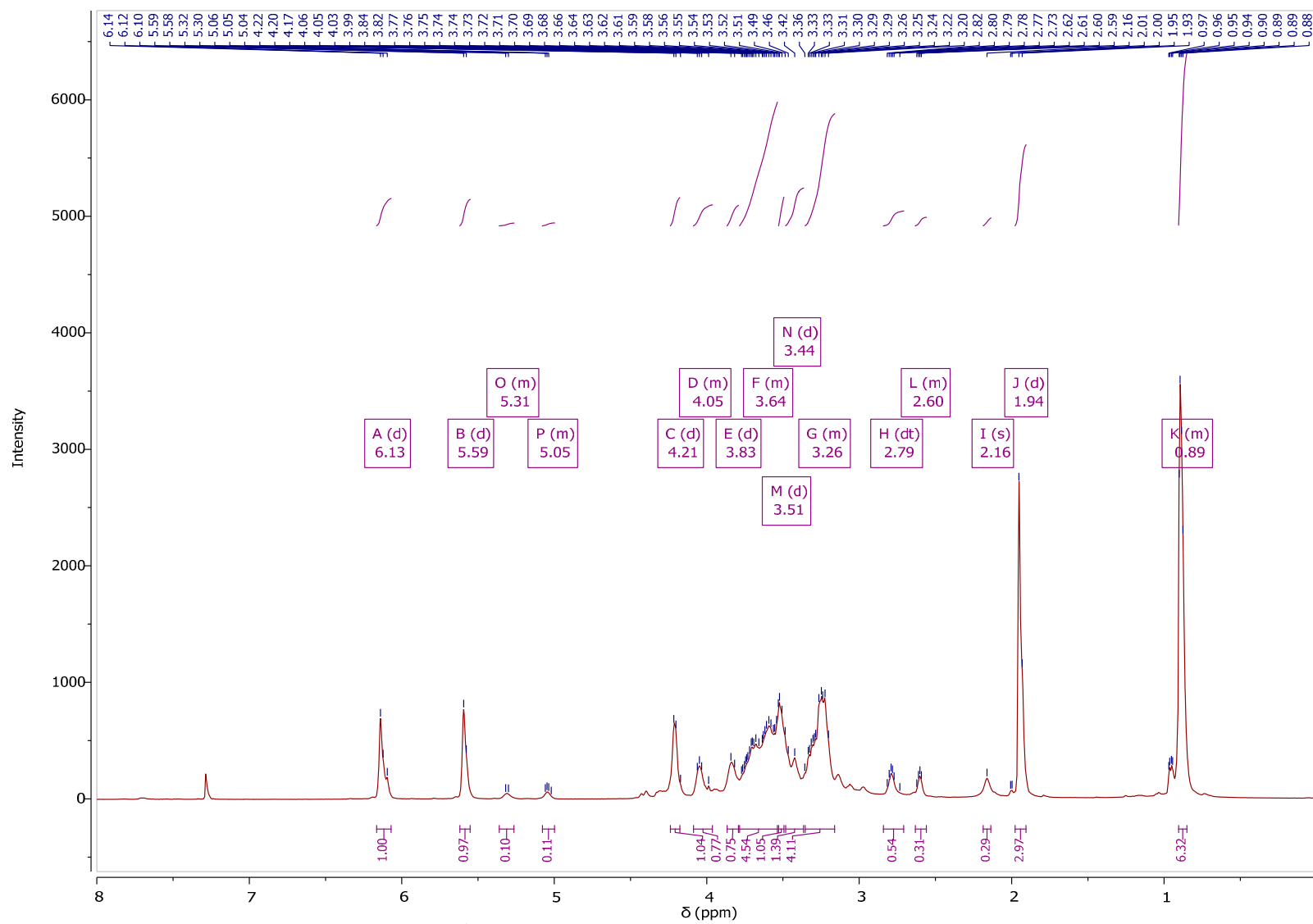


Figure S7. ^1H NMR spectra of reaction mixture NPDE-MAA.

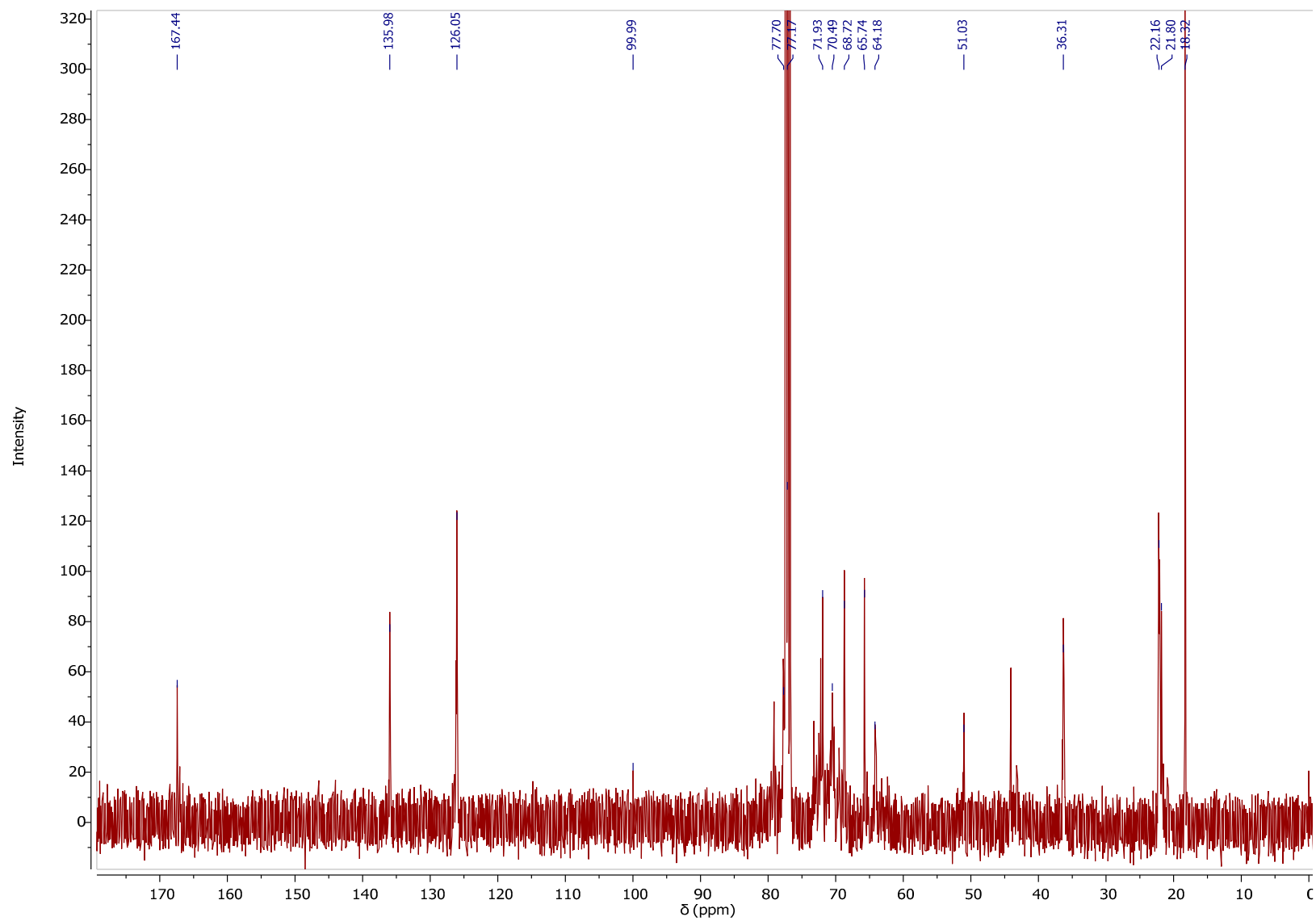


Figure S8. ¹³C NMR spectra of reaction mixture NPDE -MAA.

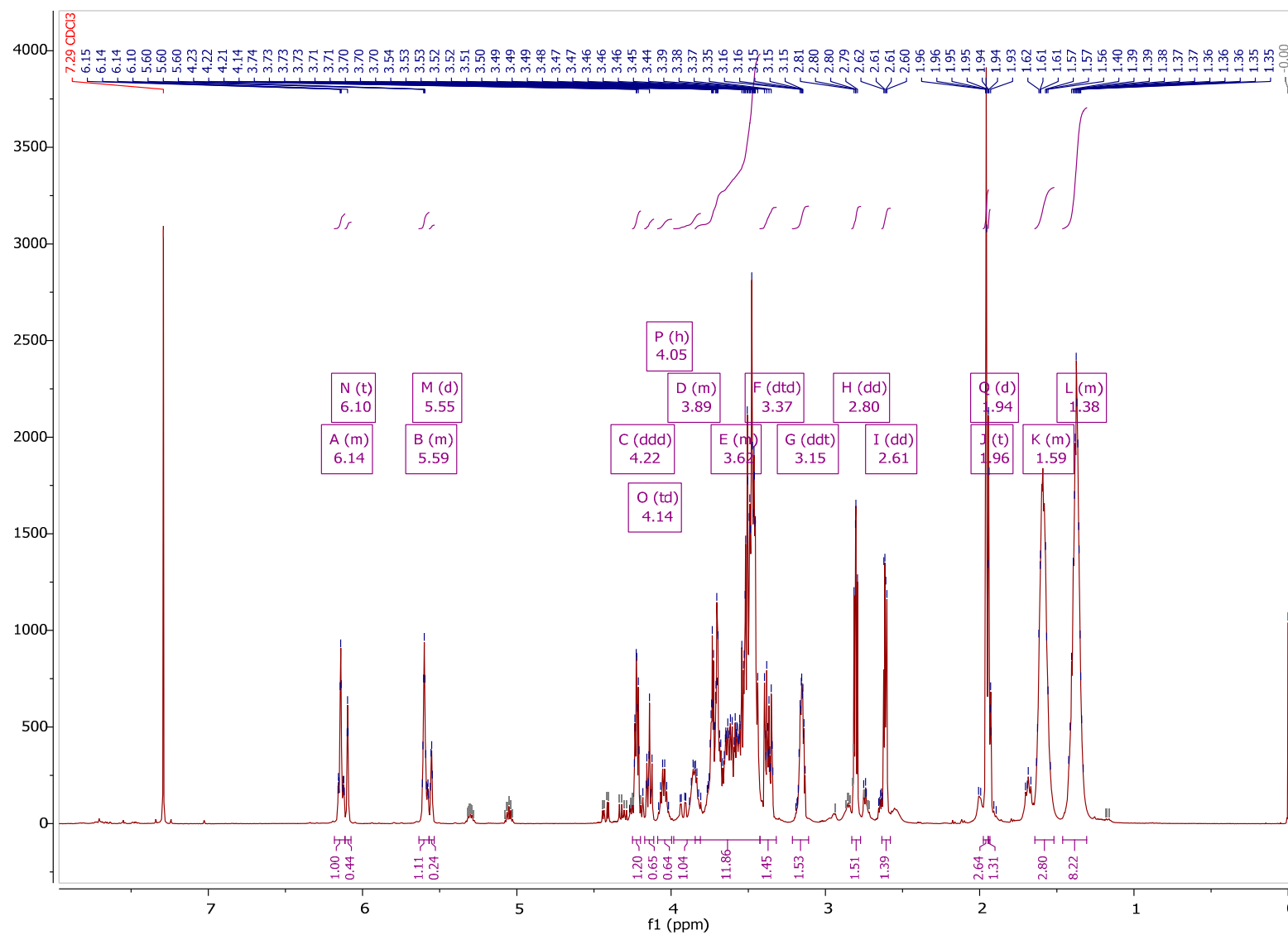


Figure S9. ^1H NMR spectra of reaction mixture HDE-MAA.

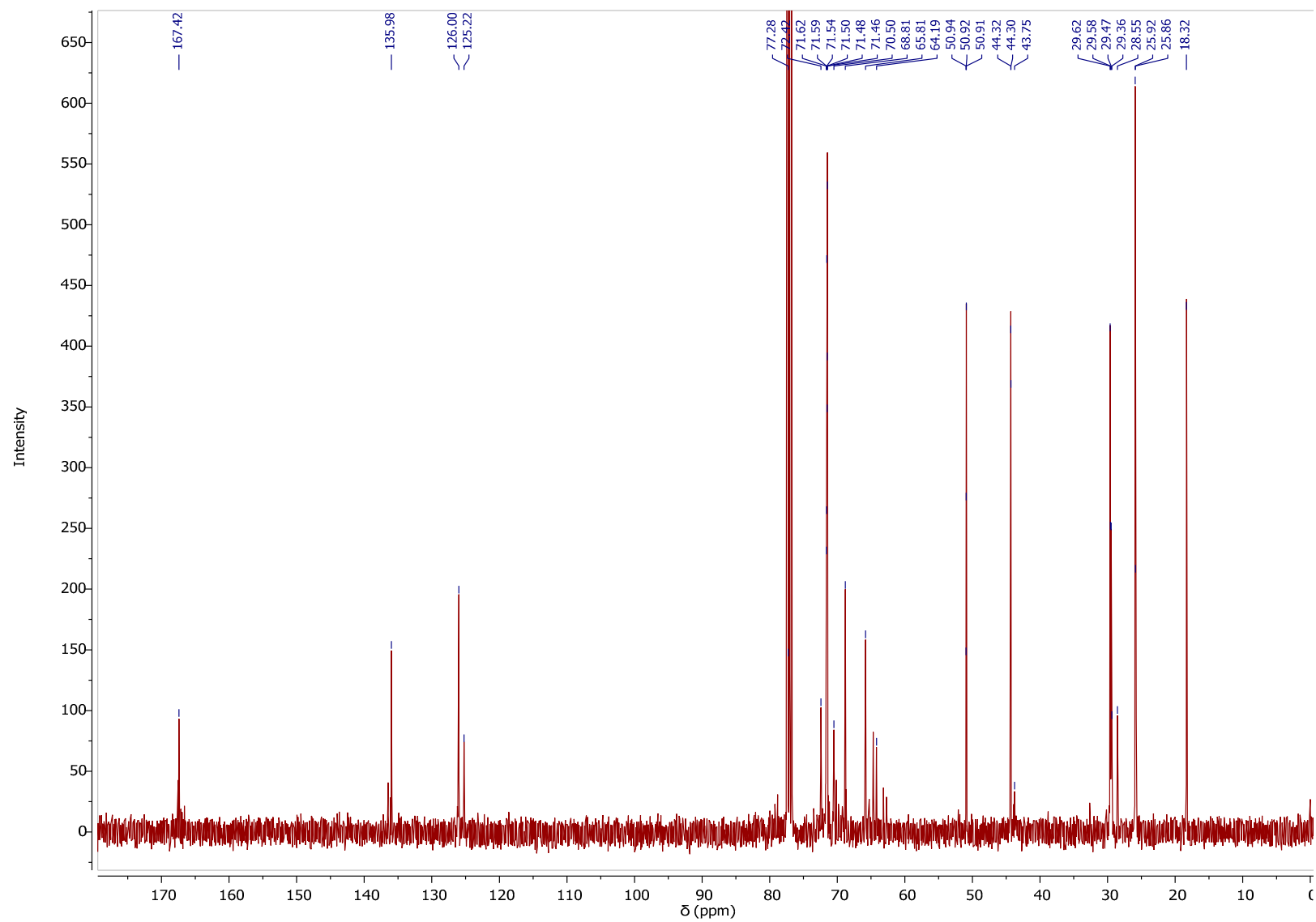


Figure S10. ^{13}C NMR spectra of reaction mixture HDE -MAA.

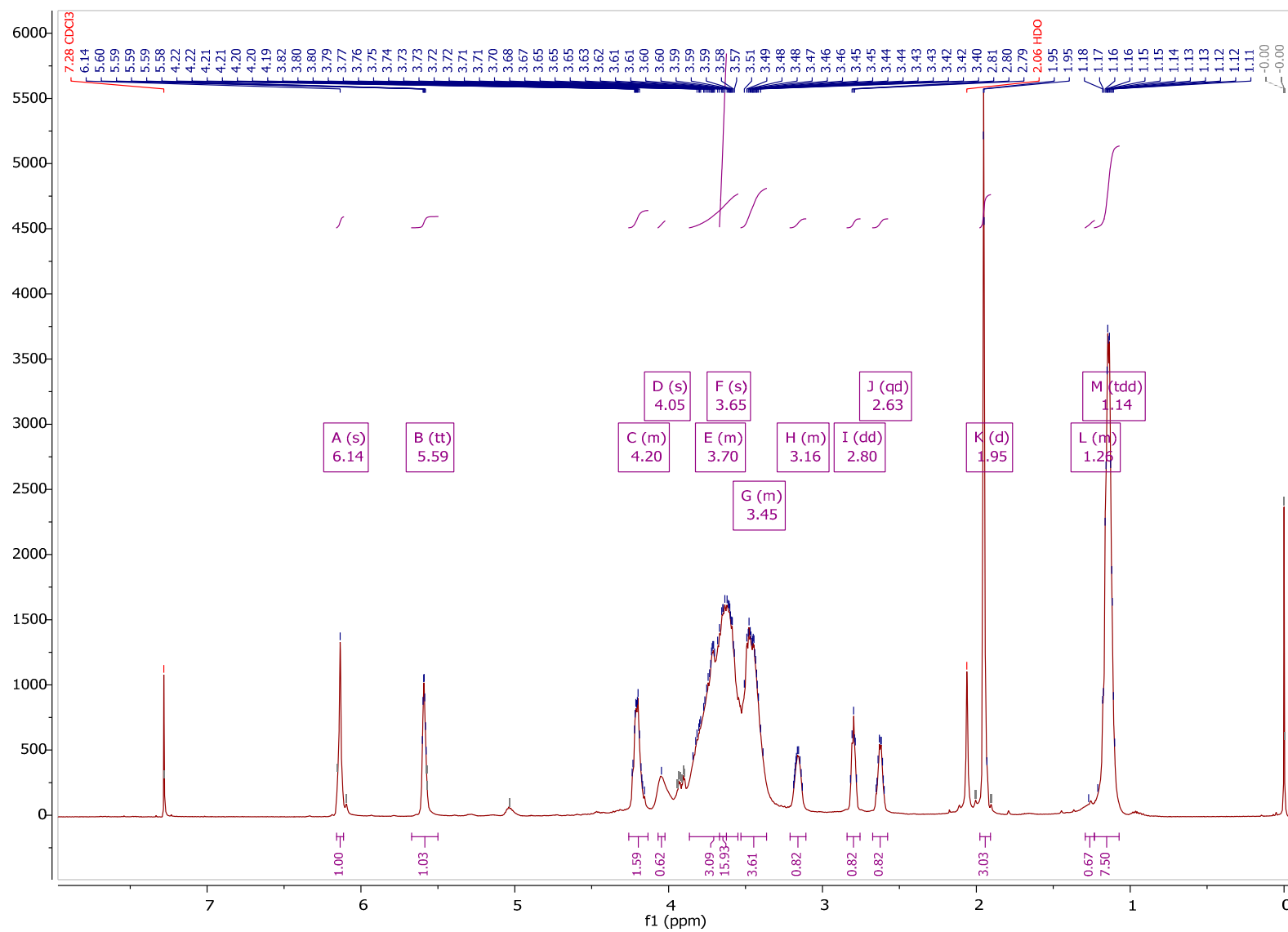


Figure S11. ¹H NMR spectra of reaction mixture PDODE-MAA.

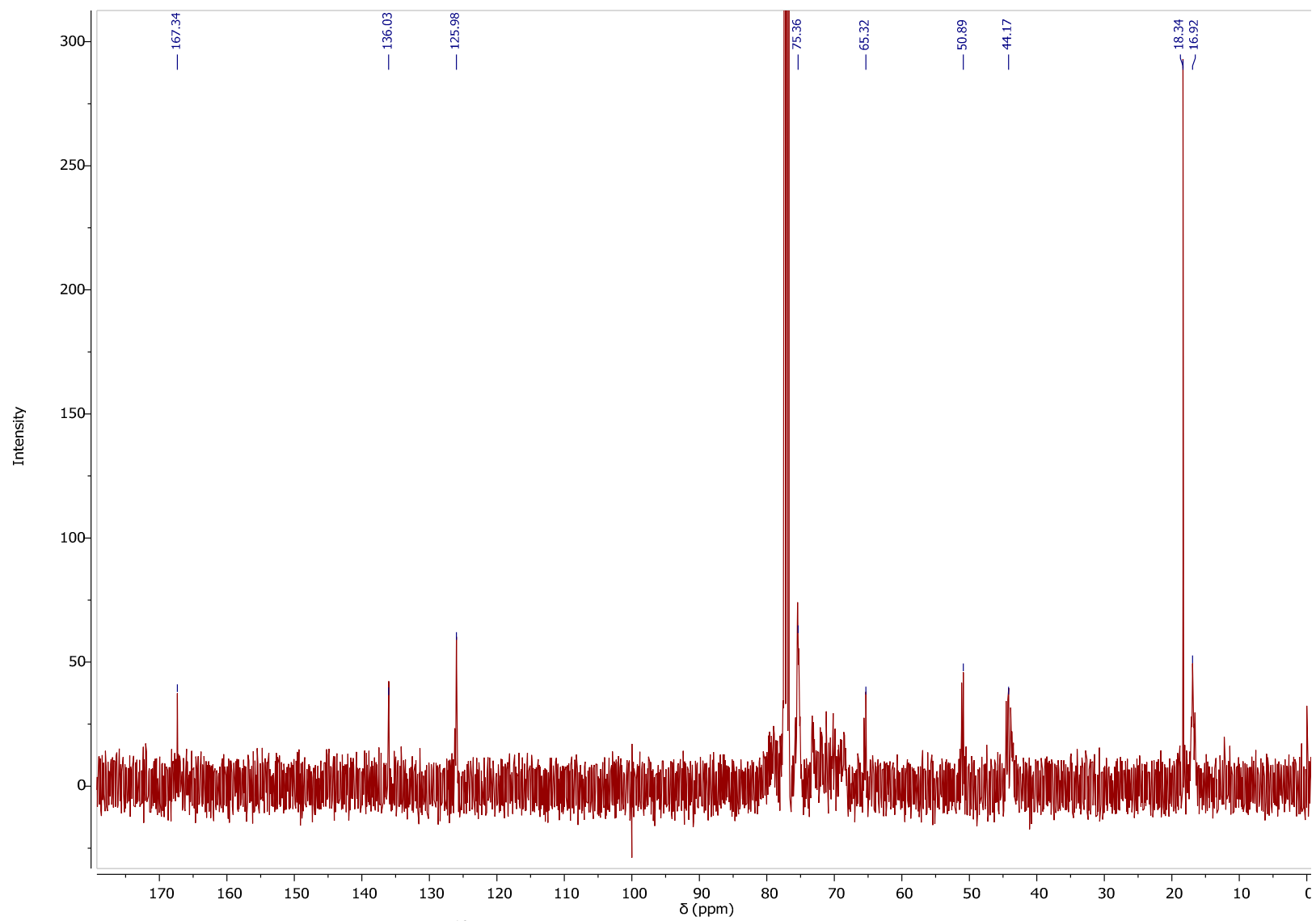


Figure S12. ¹³C NMR spectra of reaction mixture PDODE -MAA.

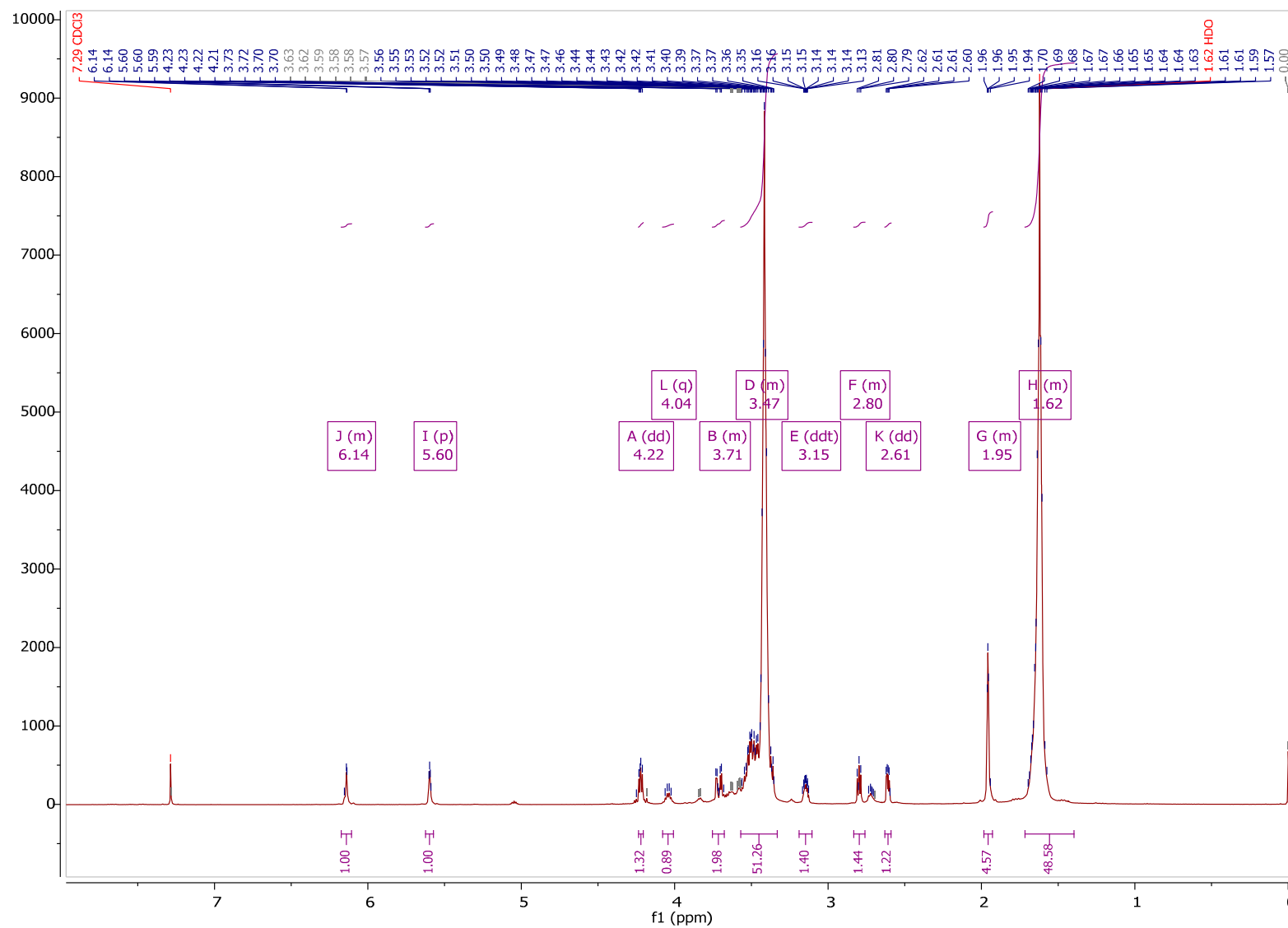


Figure S13. ^1H NMR spectra of reaction mixture PTMODE-MAA.

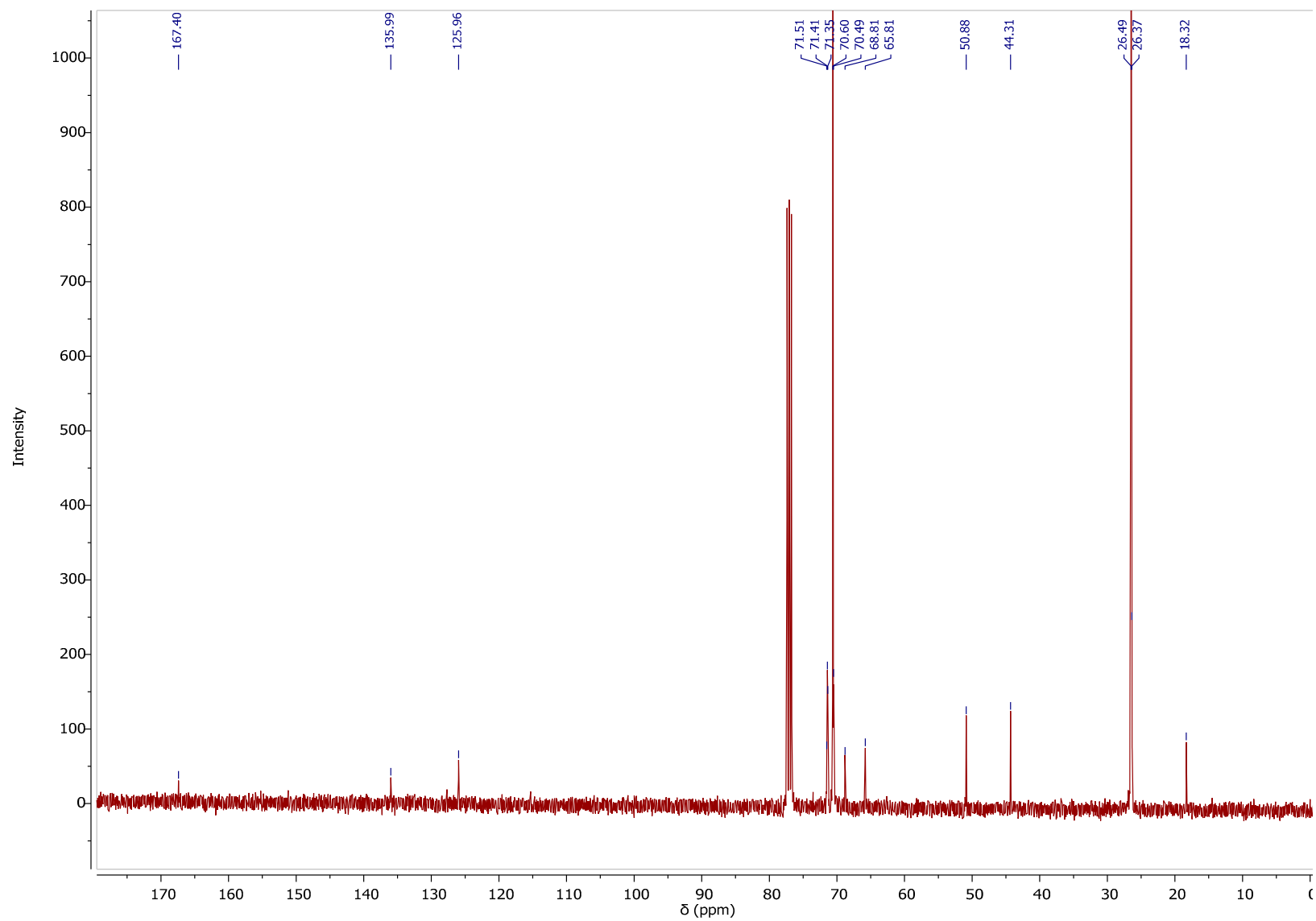


Figure S14. ¹³C NMR spectra of reaction mixture PTMODE -MAA.