

Electronic Supplementary Information

A new aromatic aminoacid-based organogel for oil spill recovery

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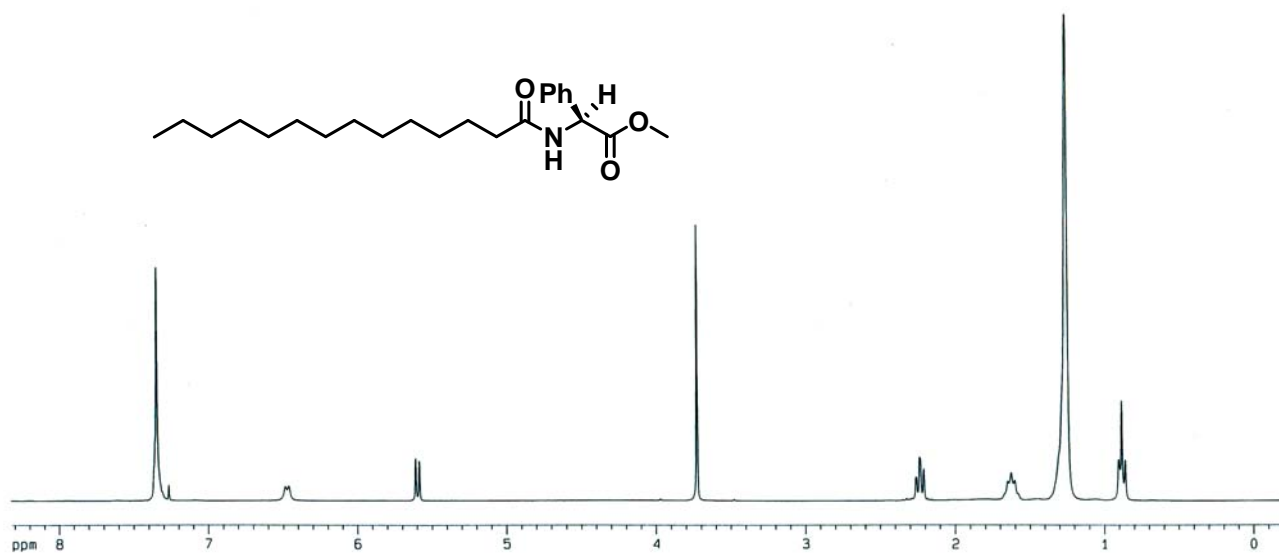


Figure S1: ¹H NMR spectrum of P₁ in CDCl₃ solvent.

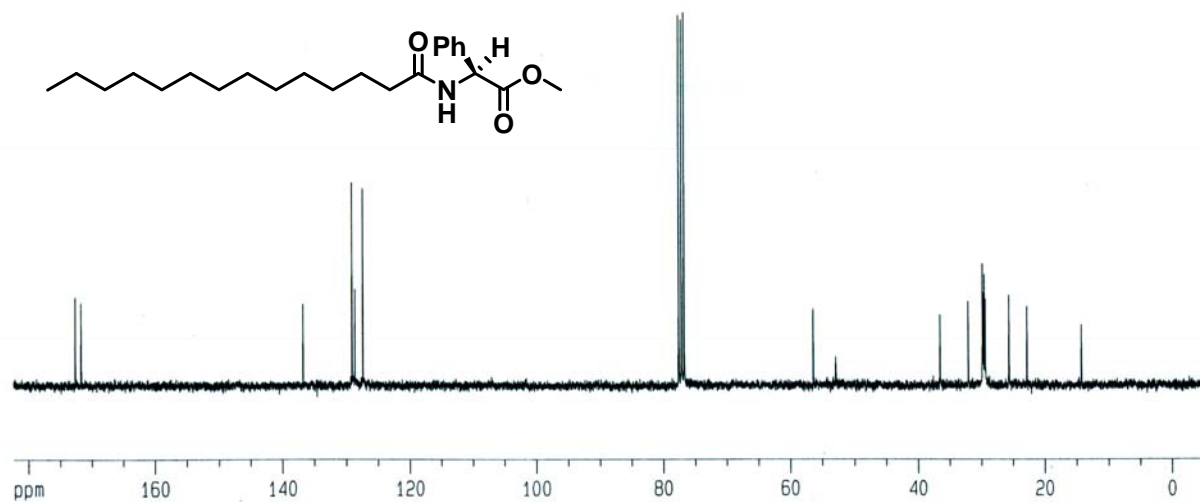


Figure S2: ¹³C NMR spectrum of P₁ in CDCl₃ solvent.

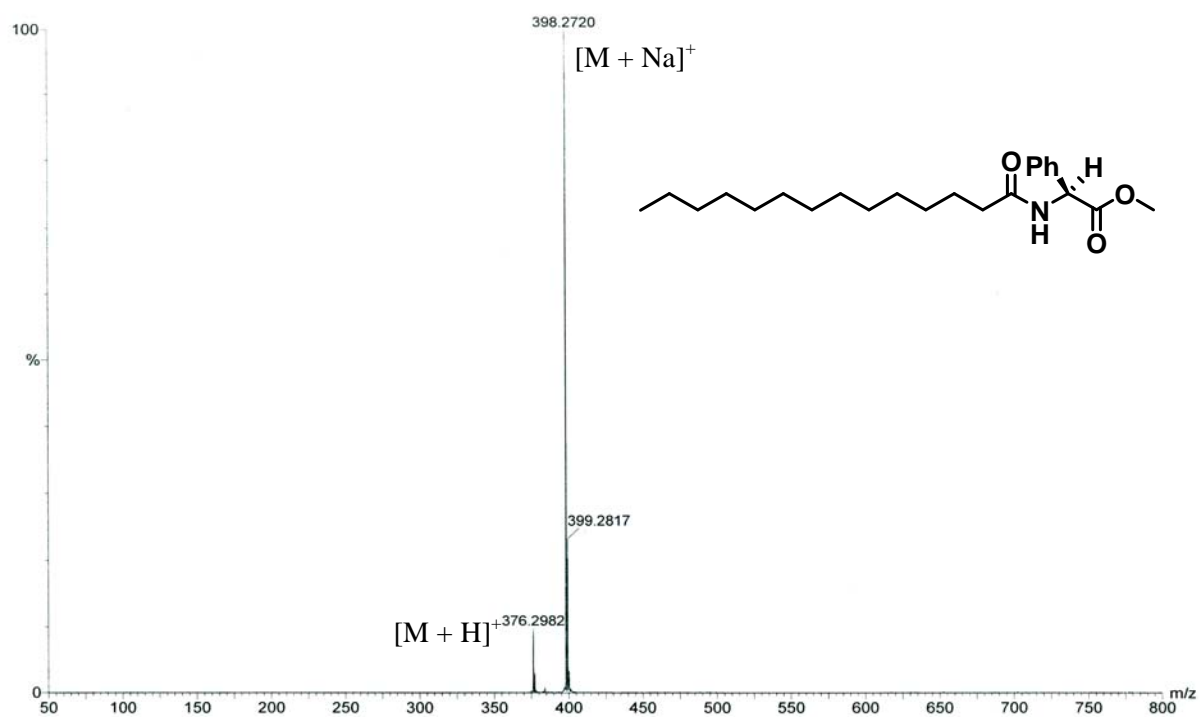


Figure S3: HRMS spectrum of P₁.

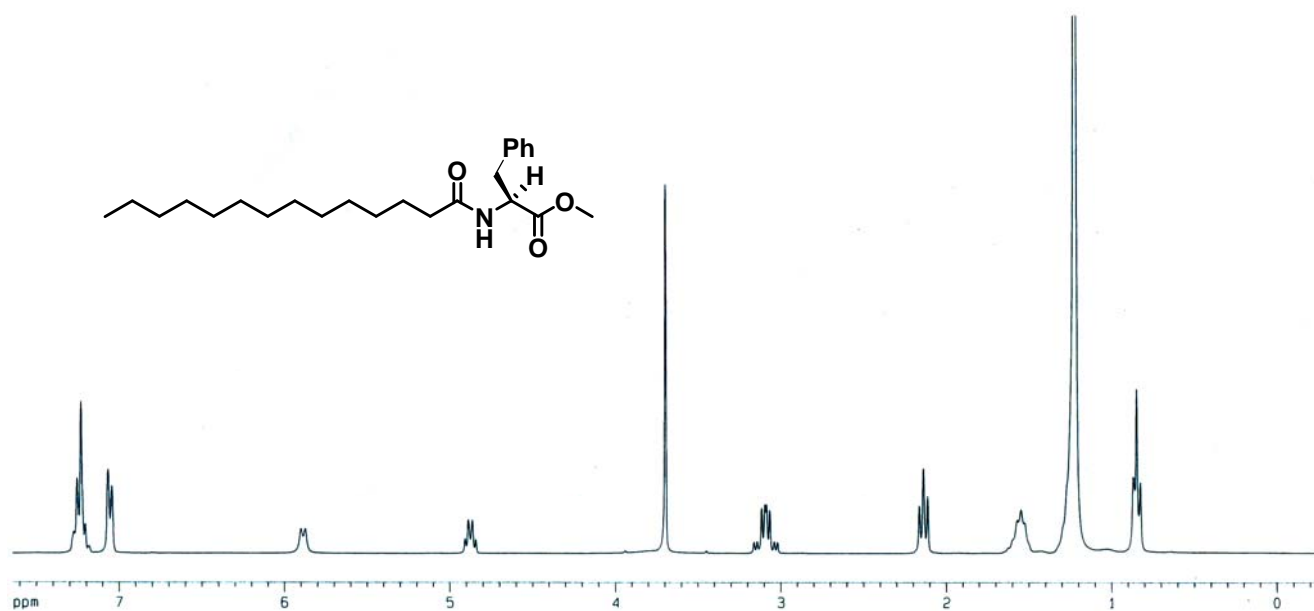


Figure S4: ¹H NMR spectrum of P₂ in CDCl₃ solvent.

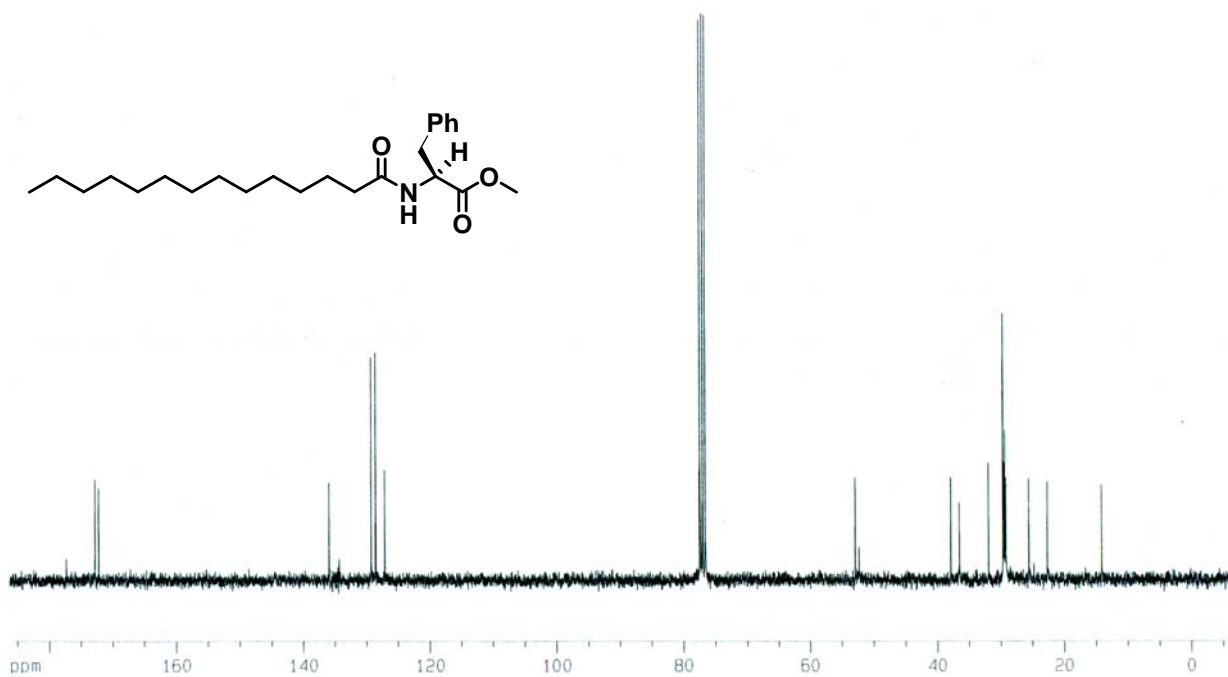


Figure S5: ¹³C NMR spectrum of P₂ in CDCl₃ solvent.

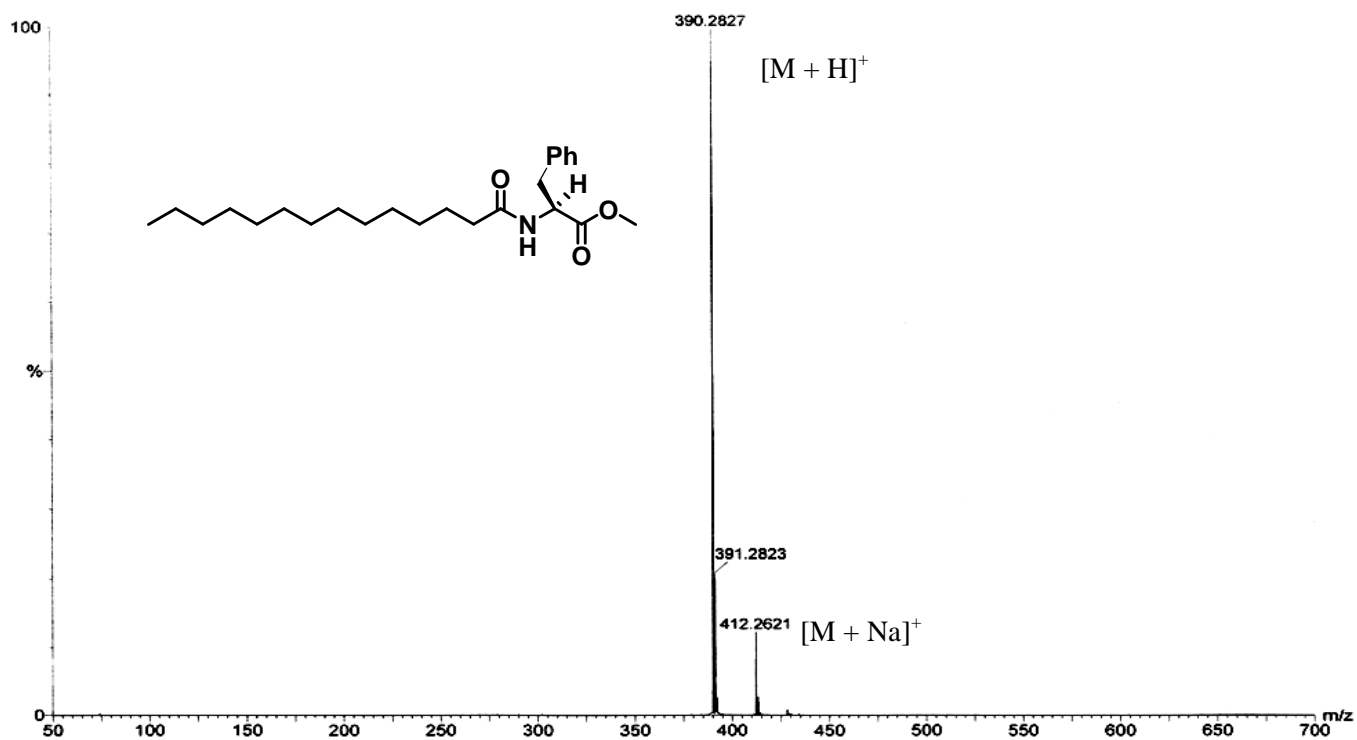


Figure S6: HRMS spectrum of P₂.

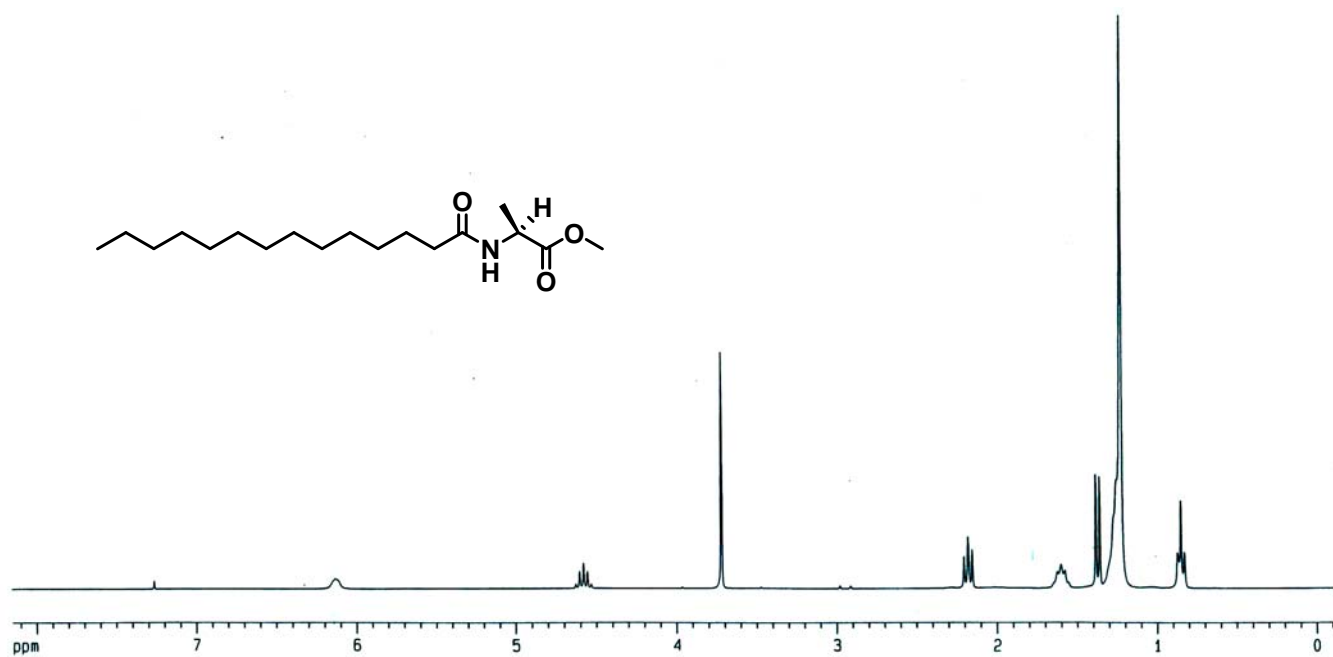


Figure S7: ¹H NMR spectrum of P₃ in CDCl₃ solvent.

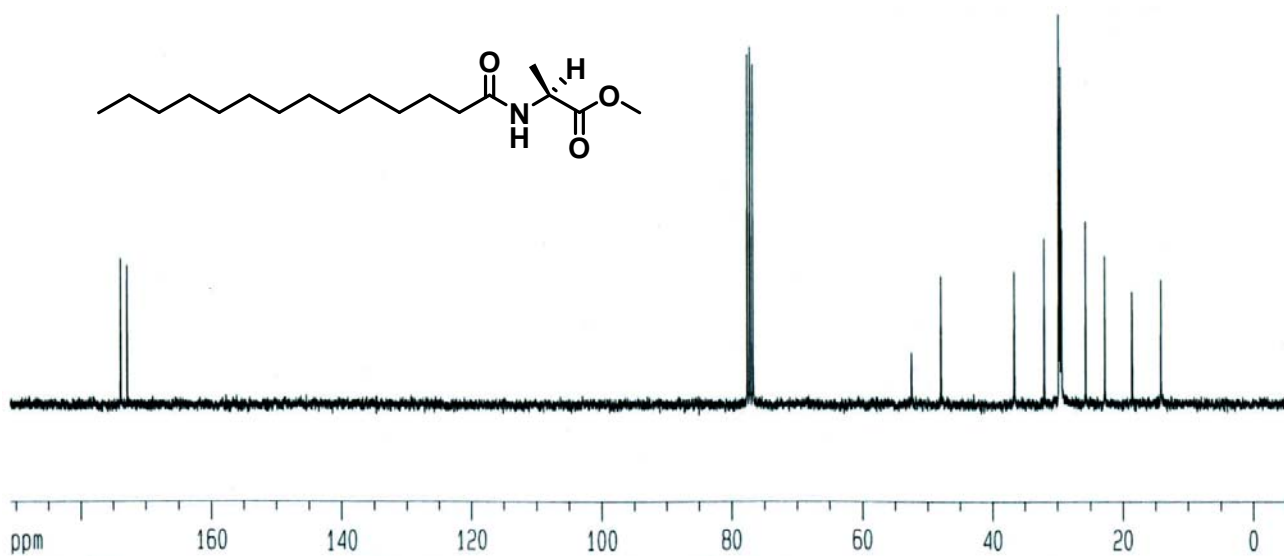


Figure S8: ¹³C NMR spectrum of P₃ in CDCl₃ solvent.

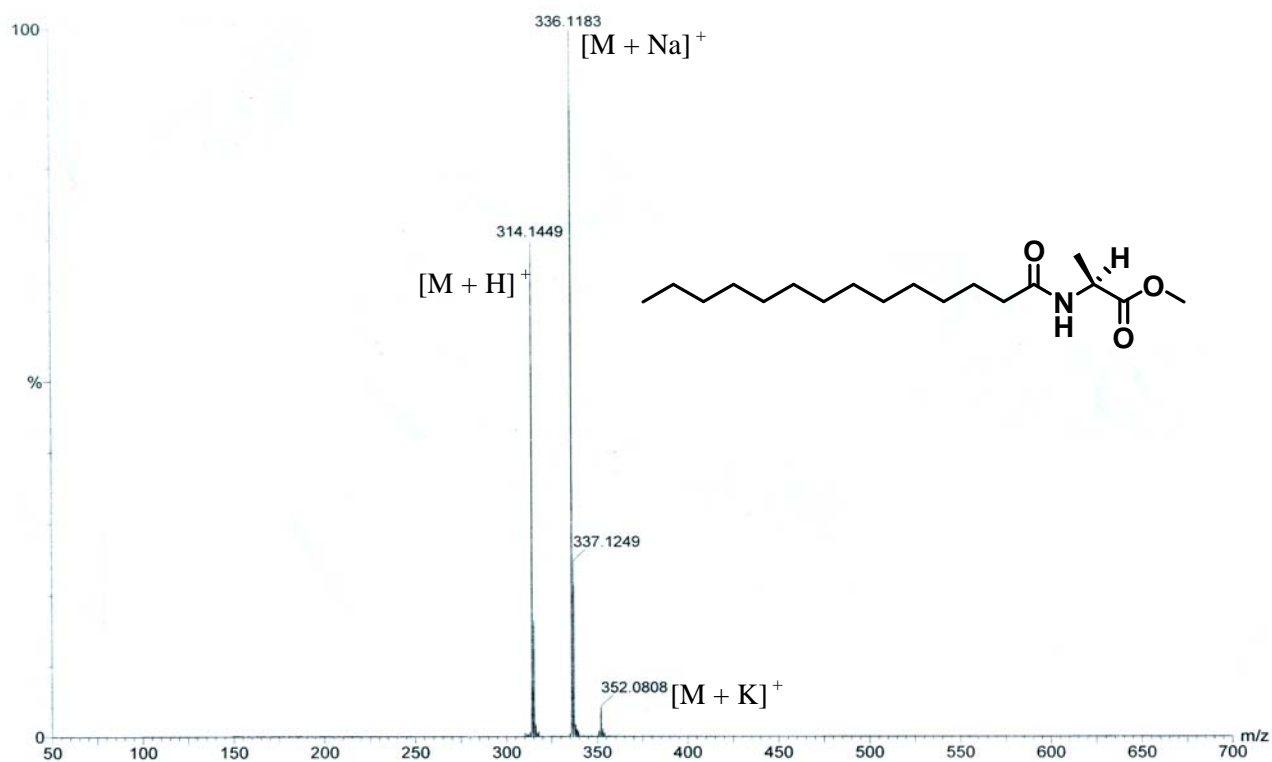


Figure S9: HRMS spectrum of P₃.

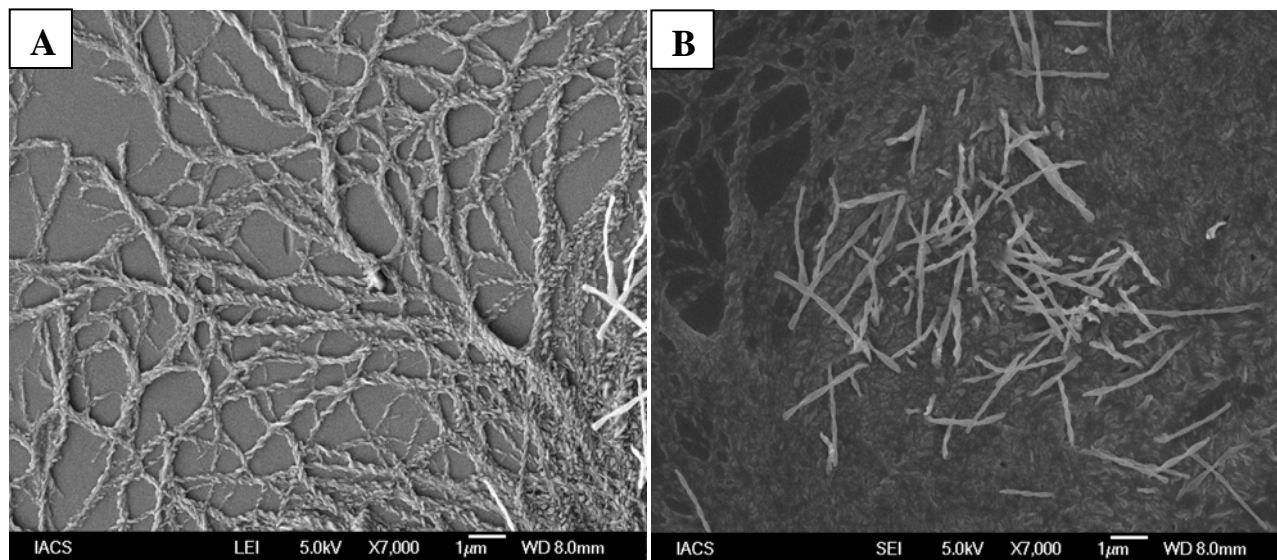


Figure S10: (A) and (B) FE-SEM images of the xerogel obtained from n-heptane and n-octane gels respectively of P_1 at higher concentration than MGC (0.9 % w/v).

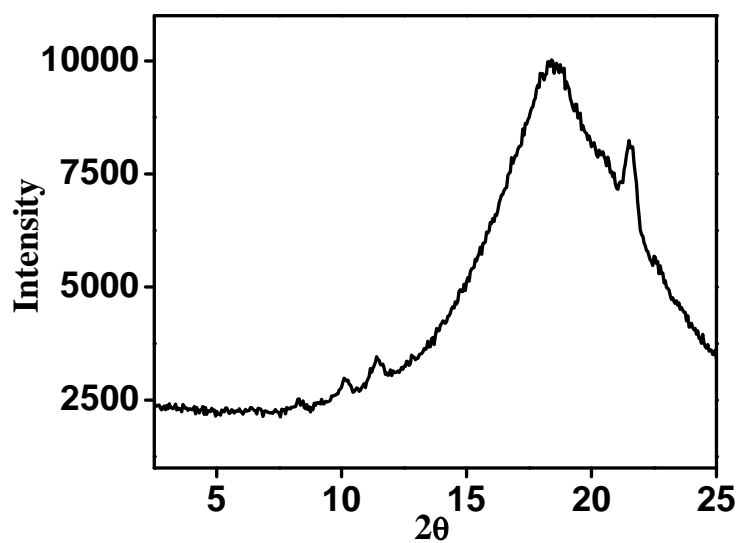


Figure S11: Wide angle X-ray diffraction pattern of the amphiphile P_1 in wetgel state in n-octane solvent.

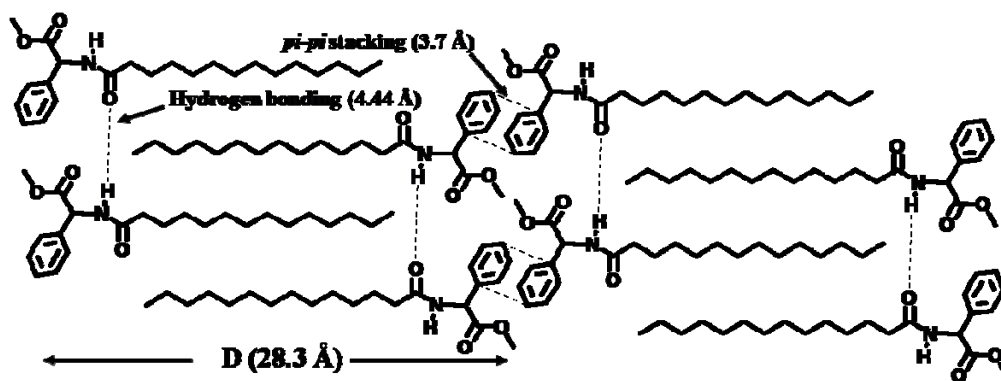


Figure S12. A typical model for self-assembly of P₁.

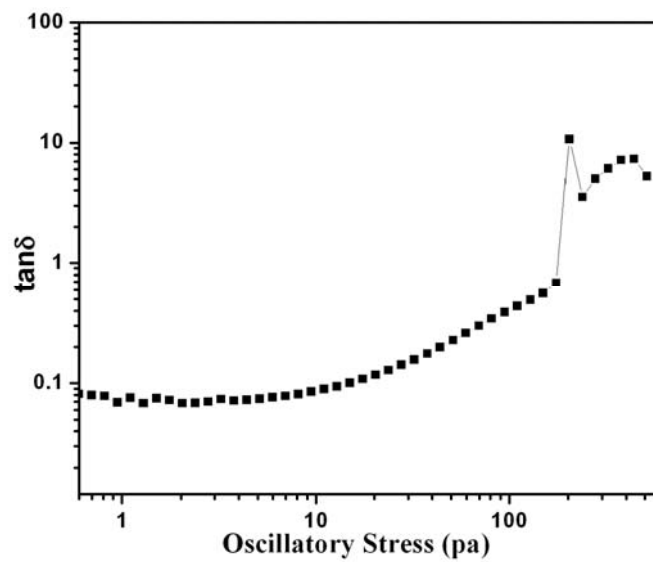


Figure S13. Plot of $\tan\delta$ vs. Oscillatory stress.

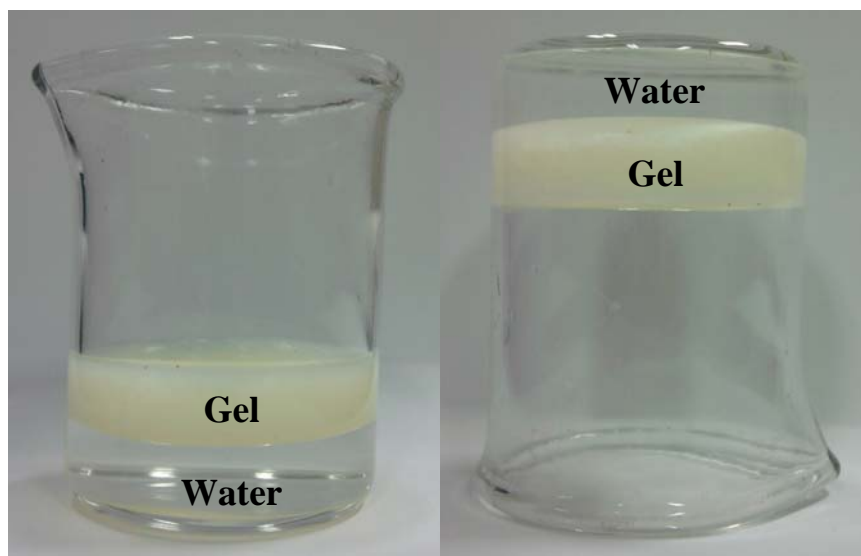


Figure S14. Phase-selective gelation of diesel in a 25 mL beaker.