

Electronic Supplementary Information

One-pot production of hydrocarbon oils from poly (3-hydroxybutyrate)

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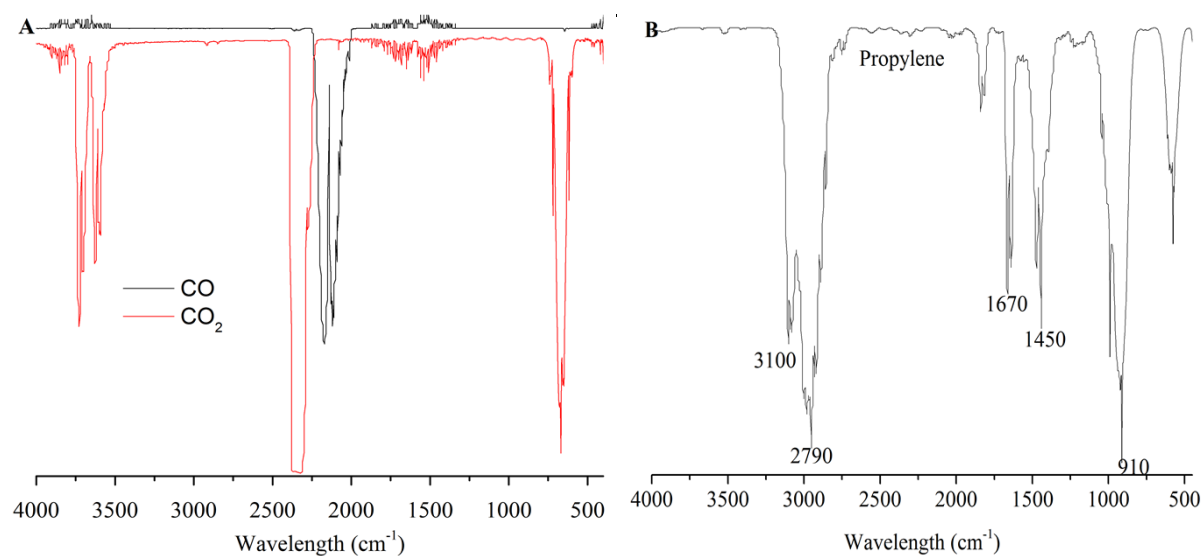


Fig. S1. FT-IR spectra of CO₂ and CO (A), and propylene (B).

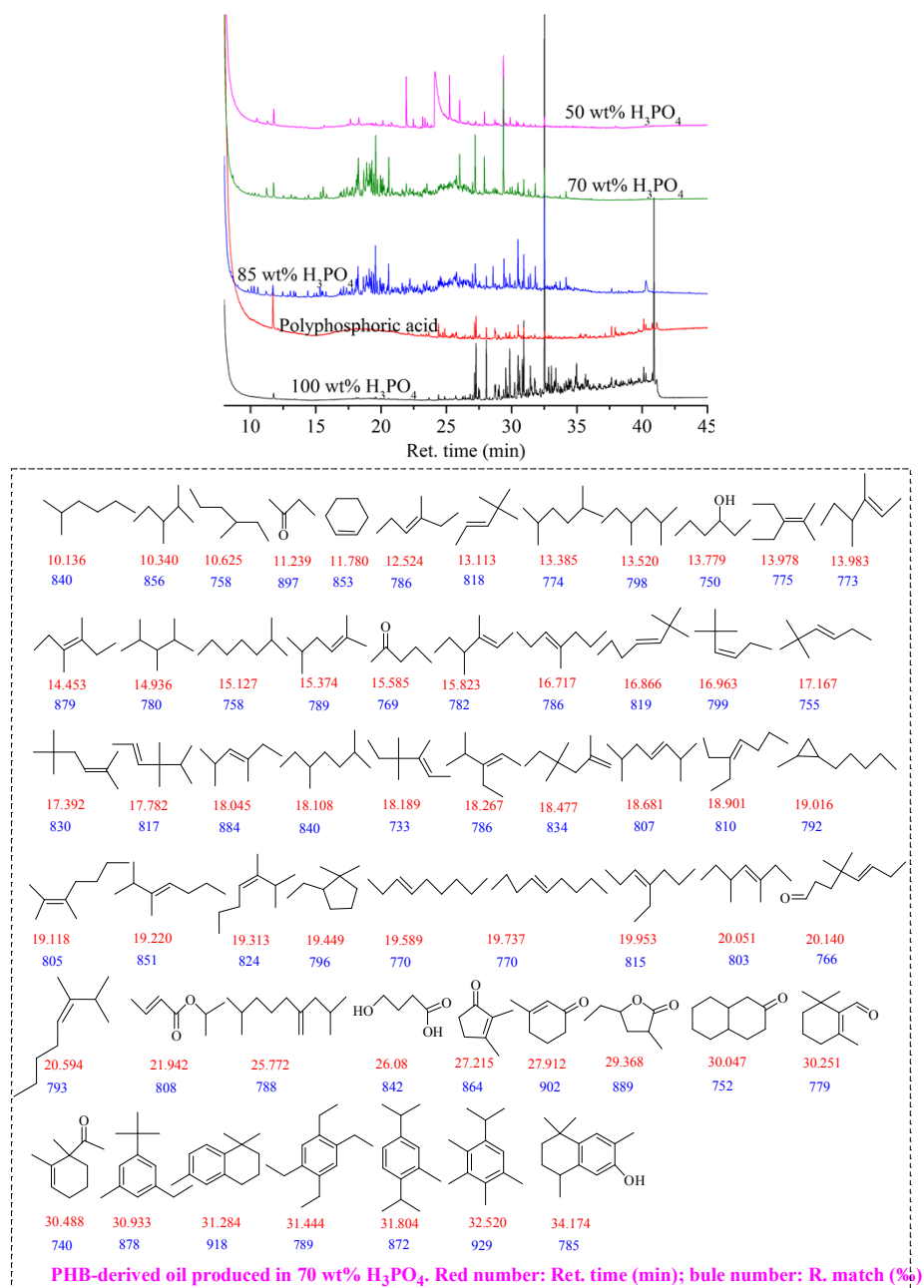


Fig. S2. GC-MS analysis of PHB derived oils produced at various H₃PO₄ concentrations.

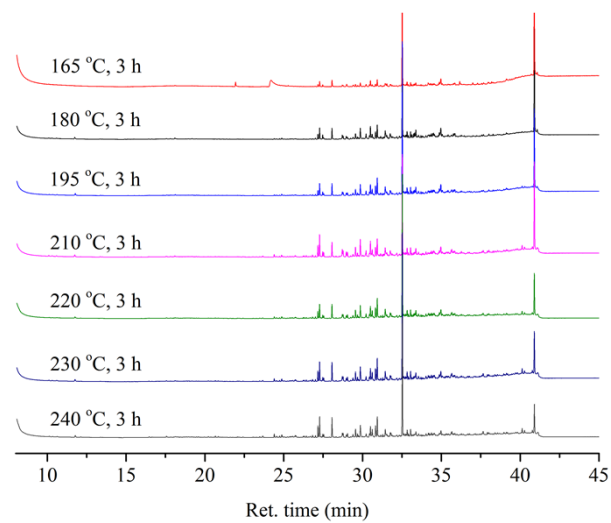


Fig. S3. GC-MS analysis of PHB derived oils produced at various temperatures in 100 wt% H_3PO_4 .

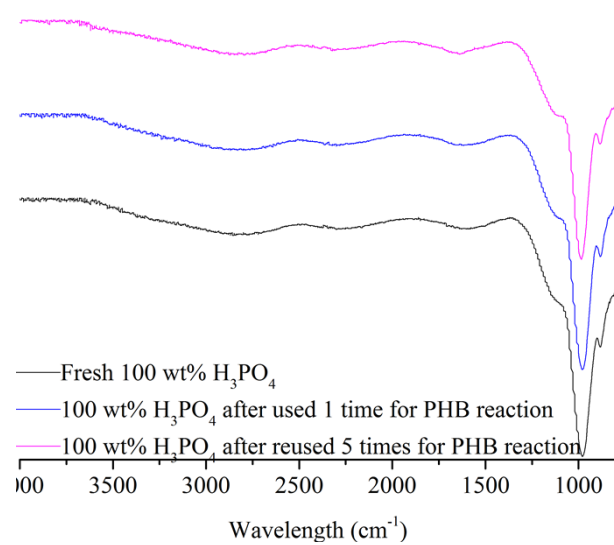


Fig. S4. The FT-IR spectra of various H₃PO₄ solutions.

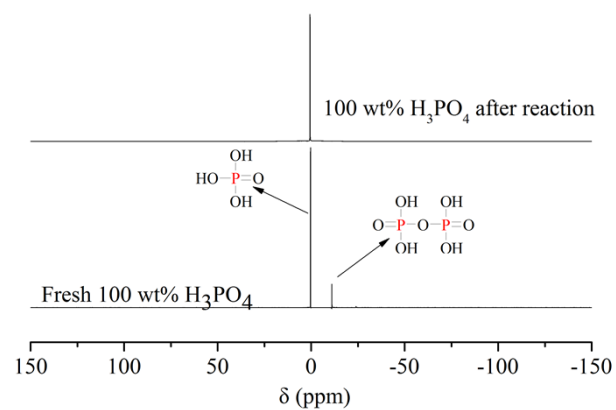


Fig.S5. P-NMR analysis of fresh 100 wt% H_3PO_4 and the H_3PO_4 solution after reaction.