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Supplementary Materials

Green Fractionation Approaches for the Integrated Upgrade of Corn Cobs

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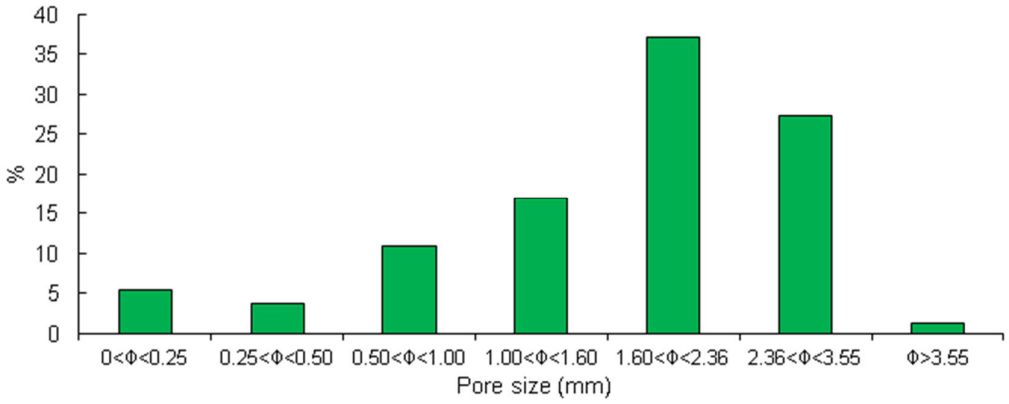

Figure S1. Particle size distribution for corn cobs.

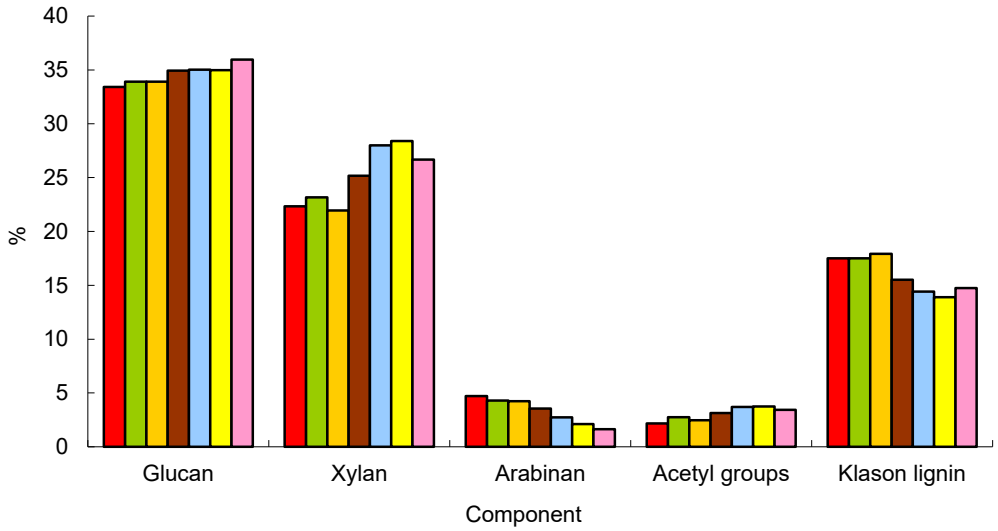

Figure S2. Chemical composition of the different corn cobs fractions (■ 0<Φ<0.25; ■ 0.25<Φ<0.50; ■ 0.50<Φ<1.00; ■ 1.00<Φ<1.60; ■ 1.60<Φ<2.36; ■ 2.36<Φ<3.55; ■ Φ>3.55).

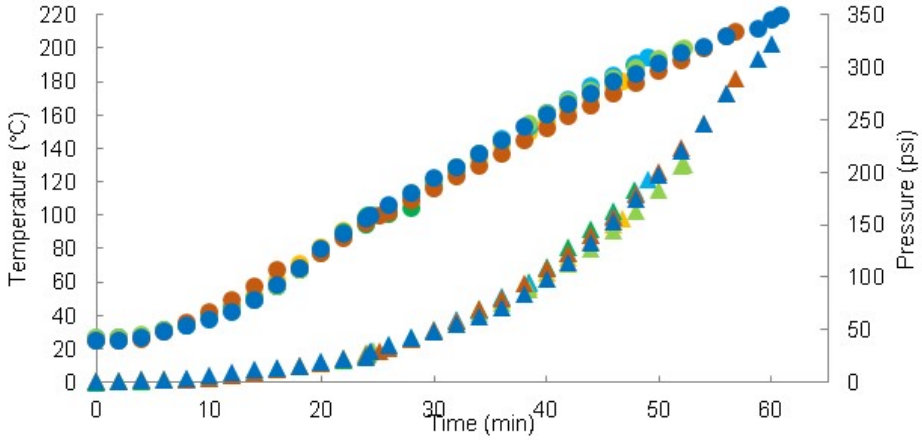

Figure S3. Temperature (●) and pressure (▲) profiles for the autohydrolysis of corn cobs at 180°C (●,▲), 190°C (●,▲), 195°C (●,▲), 200°C (●,▲), 210°C (●,▲) and 220°C (●,▲). Data for isothermal operation period are not shown.

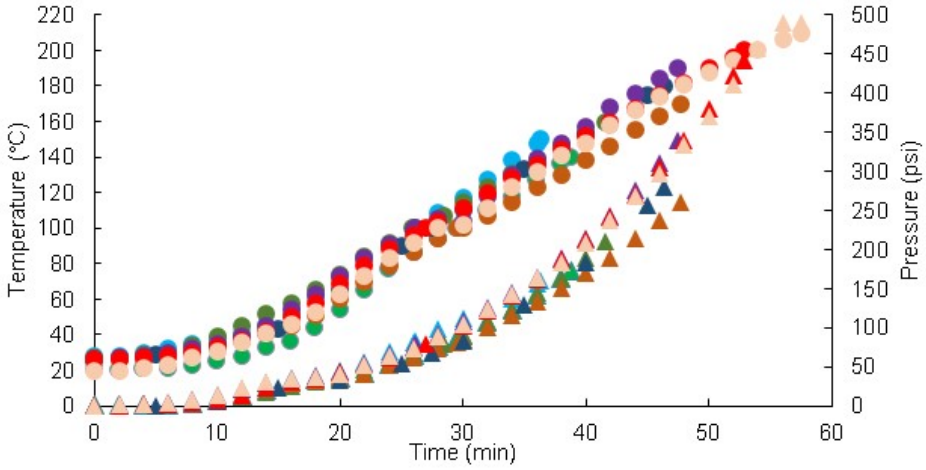

Figure S4. Temperature (●) and pressure (▲) profiles for the organosolv fractionation of corn cobs at 140°C (●,▲), 150°C (●,▲), 160°C (●,▲), 170°C (●,▲), 180°C (●,▲), 190°C (●,▲), 200°C (●,▲) and 210°C (●,▲). Data for isothermal operation period are not shown.