

Figure S1. ATR-FTIR spectra of the holocellulose samples before and after HTP.

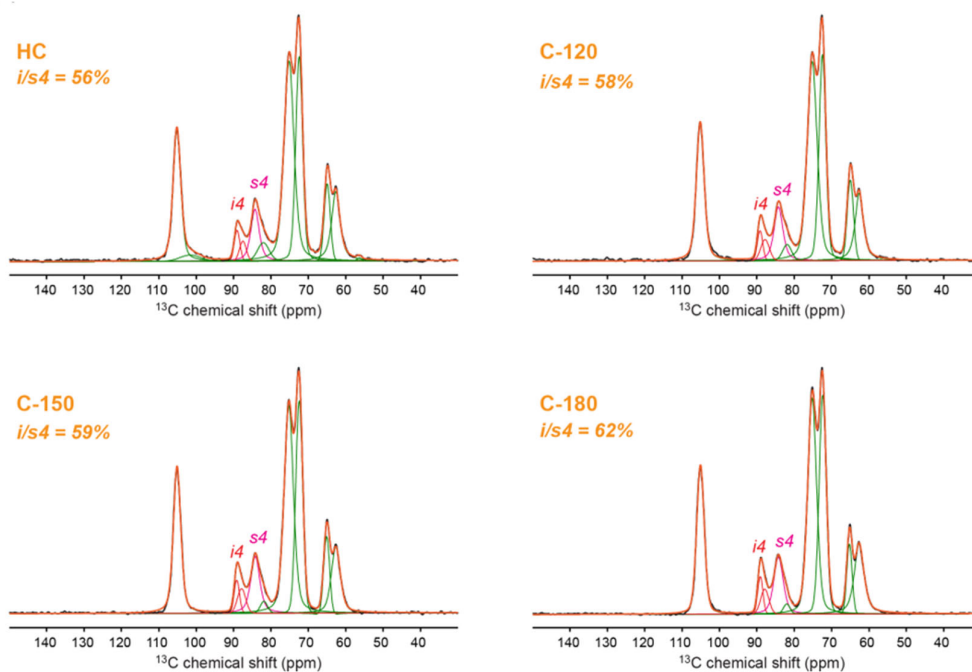


Figure S2. Peaks deconvolution of the ^{13}C NMR spectra of holocellulose samples before and after HTP.

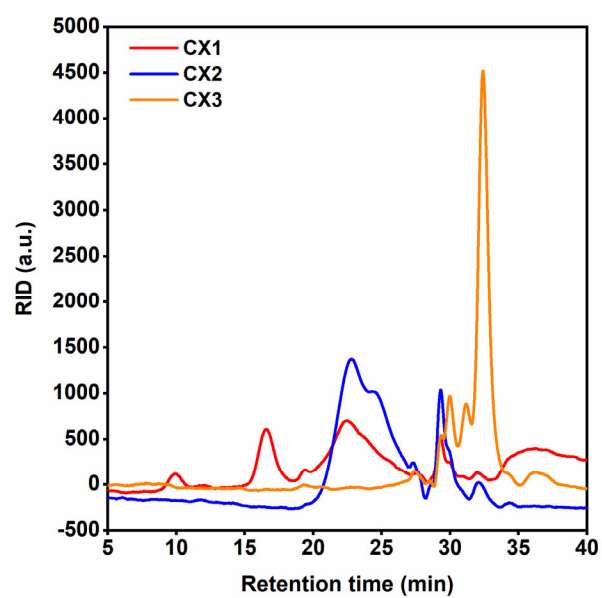


Figure S3. Gel Permeation Chromatography (GPC) testing results for the extracted xylan after HTP.

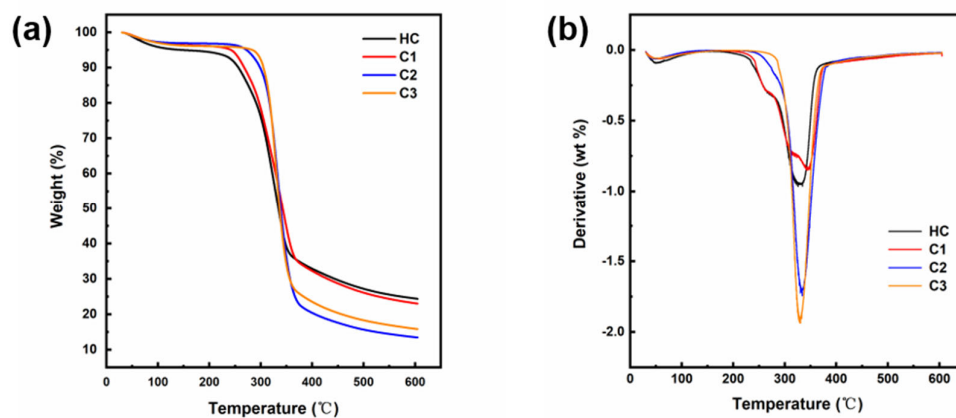


Figure S4. TGA (a) and DTG (b) curves of the holocellulose samples before and after HTP; the temperature increased from 30 °C -600 °C.