

Supplementary materials:

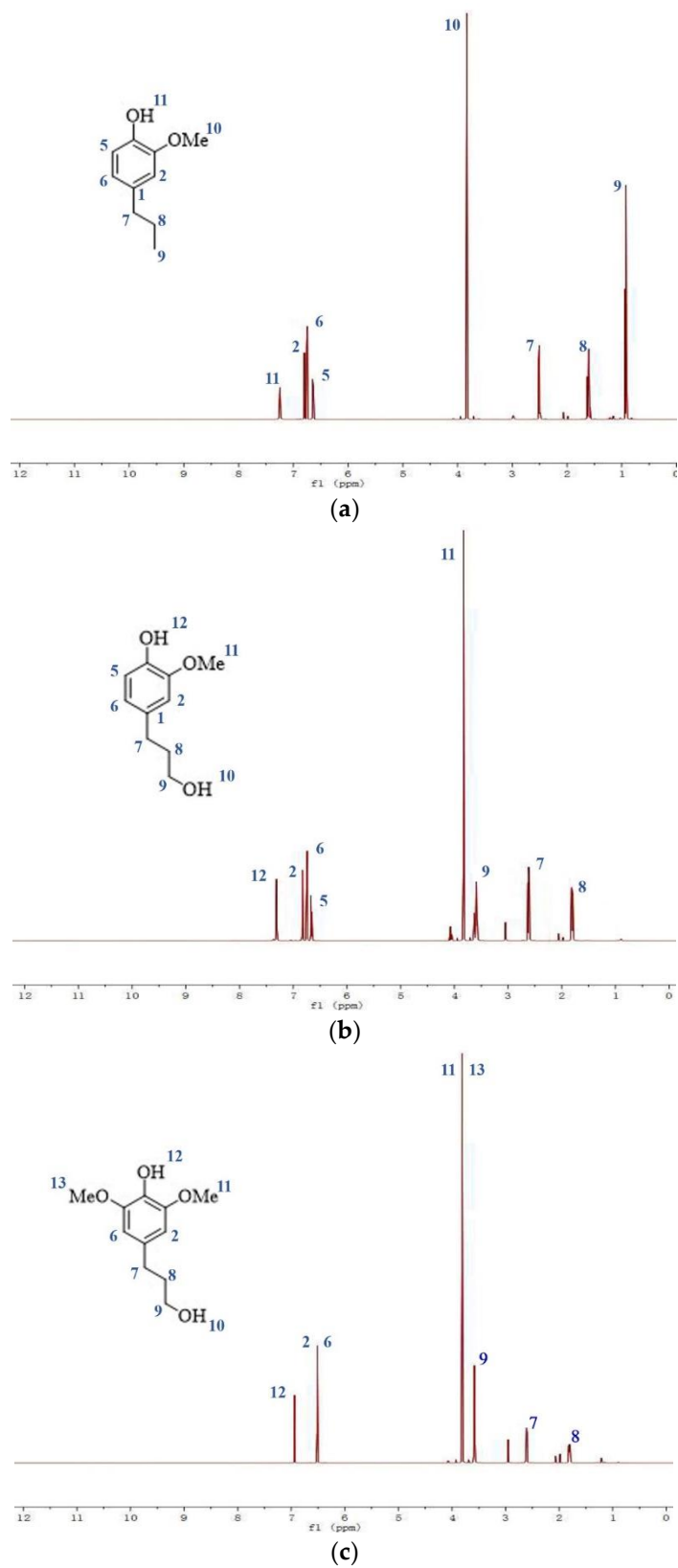


Figure S1. The NMR pictures of three identified monomers' standard samples by independent synthesis: (a) G2, (b) monomer 1, (c) S5.

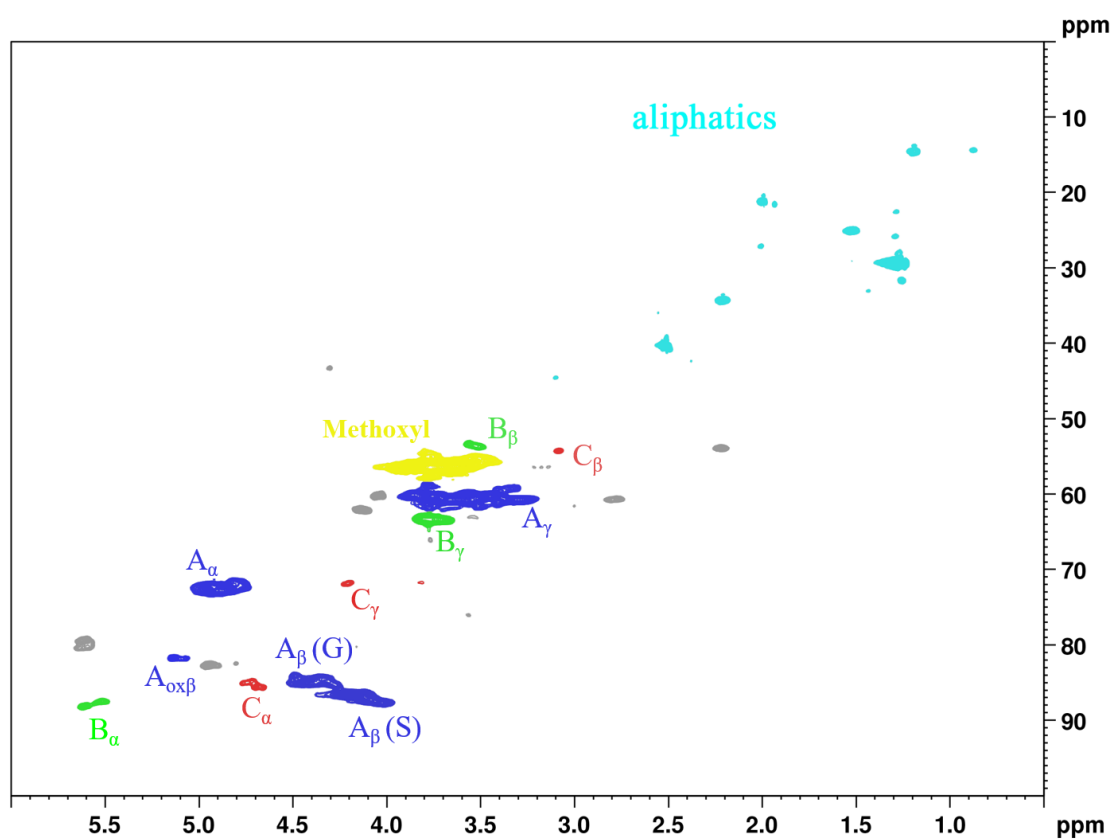


Figure S2. The HSQC picture of bagasse lignin extracted.

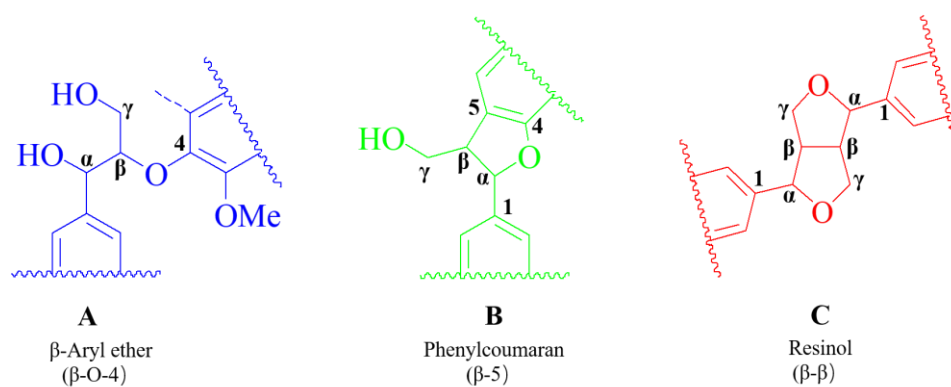


Figure S3. Examples of major linkages in bagasse lignin.