

Figure S1: Calibration curves for the chosen wavelengths (225, 237, 270 and 280nm) are shown for the same concentration of lignin (0.02 g/L) (Sigma ref 471003, MW ~10 000 Da). Based on the experimental data of Lee et al., (2013), calibration graphs were plotted for bands at λ max = 220, 237, 270 and 280 nm (Fig. 6). The graphs indicate that the absorbance is a linear function of lignin concentration for all of the bands.

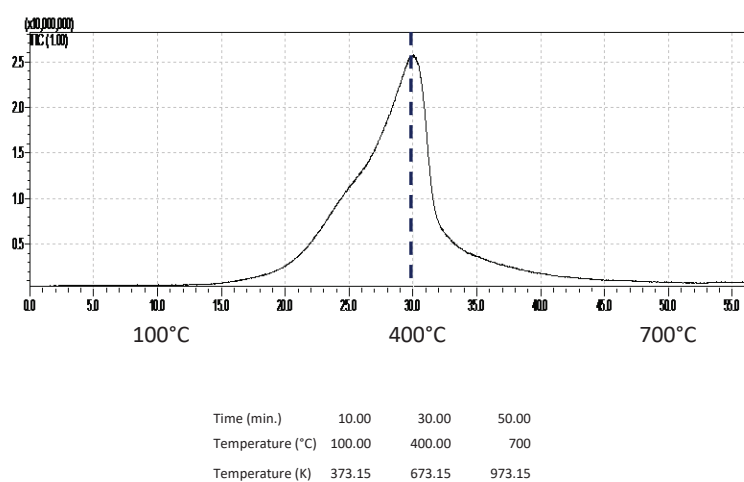


Figure S2: Optimal temperature determination for Py-GC/MS.