Supplementary Data

This supplementary data is a part of a paper entitled "Hollow Fiber Hemodialysis Imprinted Membrane Based on Eugenol for Human Blood Filter".

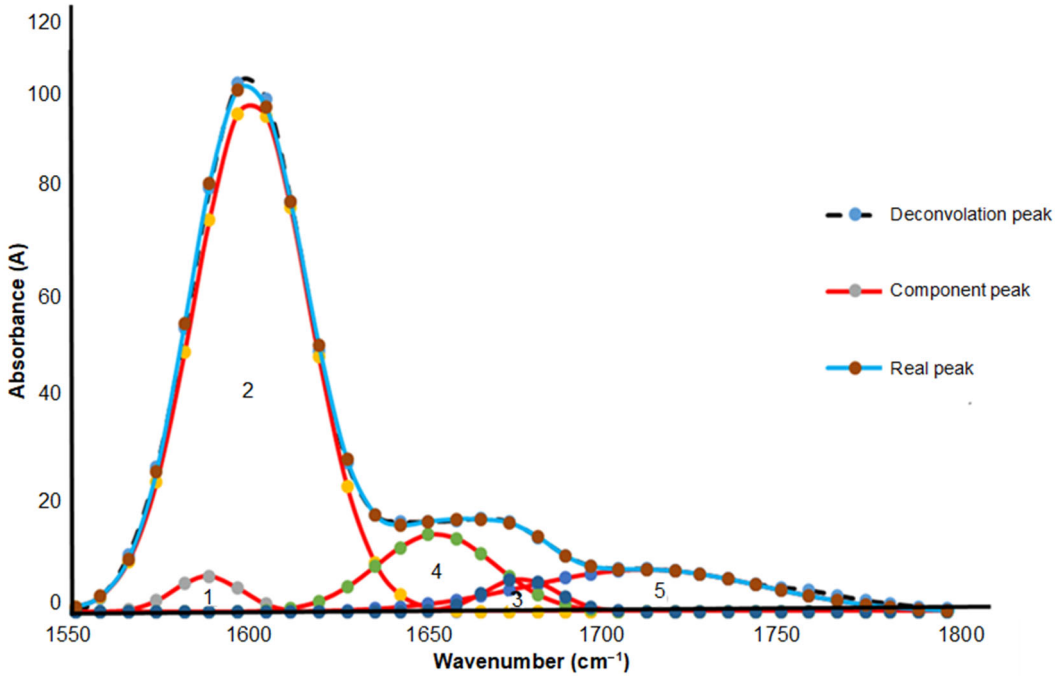

Fig S1. FTIR comparison results Fityk of urea contacted polyeugenol

From the results of the analysis of Fig. S1 using the Fityk software, it shows that there are 5 absorption peaks below the actual peak, it is possible to overlap at these peaks. Five peaks have absorption in wavenumber, namely peak 1 at 1585.42 cm^{-1} and peak 2 at 1600.86 cm^{-1}, which is thought to identify as C=C aromatic group; peak 3 at 1653.25 cm^{-1}, which is thought to identify as the vibration of the bending NH group [16]; peak 4 at 1677.26 cm^{-1} and peak 5 at 1712.39 cm^{-1} which suspect of identifying as C=O of amides.

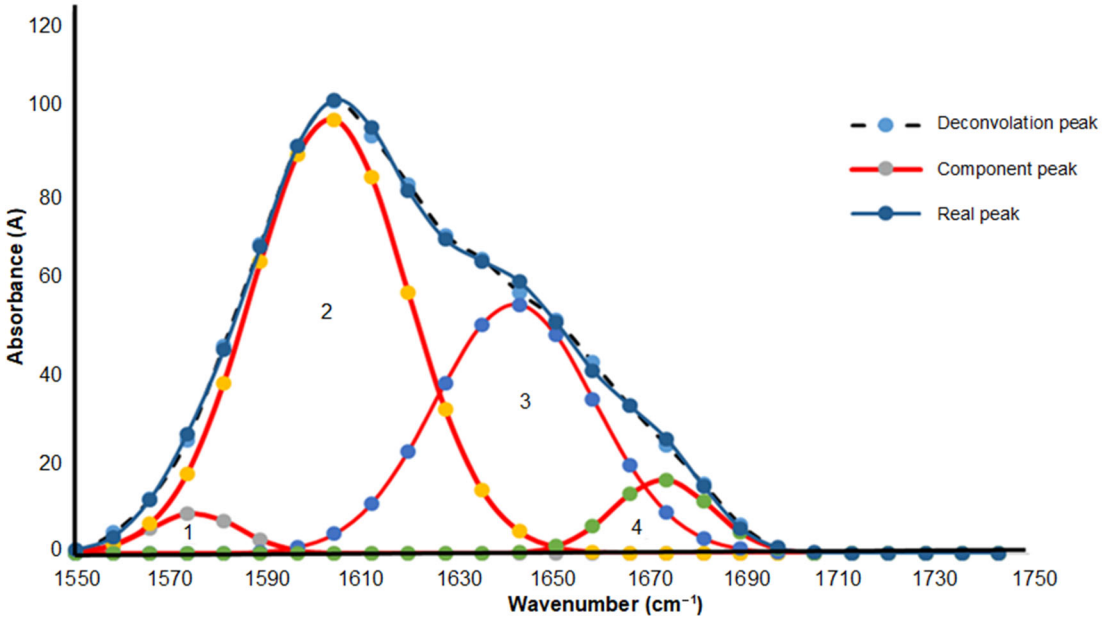

Fig S2. FTIR comparison results Fityk of polyeugenol

The results of Fig. S2 using the Fityk software show that there are 4 absorption peaks below the actual peak. Four peaks have absorption at wavenumbers, namely peak 1 at 1575.54 cm^{-1}, and peak 2 at 1603.82 cm^{-1}, which to identify as C=C aromatic group; peak 3 at 1642.48 cm^{-1} and peak 4 at 1673.34 cm^{-1}, which to identify as C=C alkenes. Thus, peaks 3, 4, and 5 (in Fig. S1) in the uptake analysis of urea contacted polyeugenol. So, it can be concluded that the polyeugenol has been successfully contacted (templated) with urea.