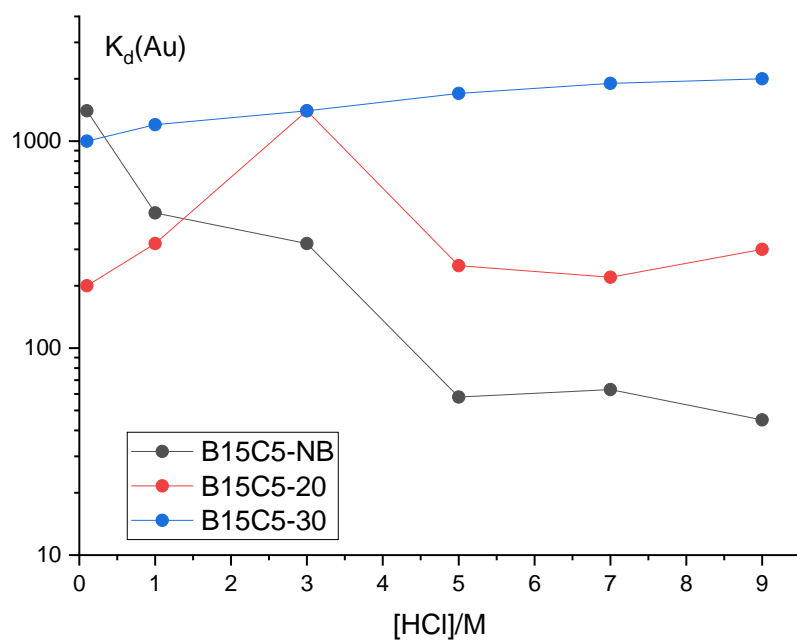


Supplementary Materials:



**Figure S1.** Plot of  $K_d$  determined earlier by atomic-emission spectroscopy (AES, from 0.1 to 3 M HCl), and in this work by radiometry (from 5 to 9 M HCl). The dependence of  $K_d$  on [HCl] may be related not only to the behavior of Au, but also to the fact that different amounts of Au were used for AES and radiometry detection, that, as determined during the separation of Au and Hg, may have an effect.