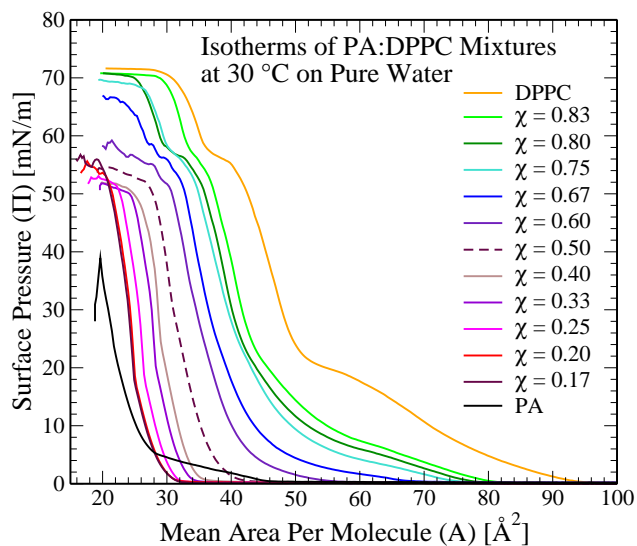# Supporting Information

Figure 7: Isotherms for mixtures of PA with DPPC at 30 °C on a water subphase. Unlike in Figure 1, values of A here are reported per molecule rather than per hydrocarbon tail. These data were used for determining the Π_c vs. χ_{DPPC} values in Figure 3. ($\chi = \chi_{DPPC}$.)