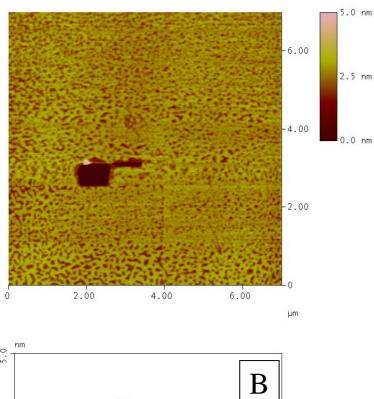
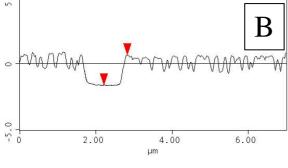


**FIGURE 1.** Excess area per molecule as a function of composition for pure and mixed POPE:CL monolayers at  $30 \text{ mN} \cdot \text{m}^{-1}$ .





**FIGURE 2.** In this example, the POPE:CL monolayer transferred at 30 mN·m<sup>-1</sup> that we are showing in Figure 3E has been scratched in a small area (A) in order to evaluate its thickness, The height profile analysis (B) allows to establish the step height between the monolayer and the uncovered substrate  $(1.4 \pm 0.2 \text{ nm})$ .