

## Supporting information

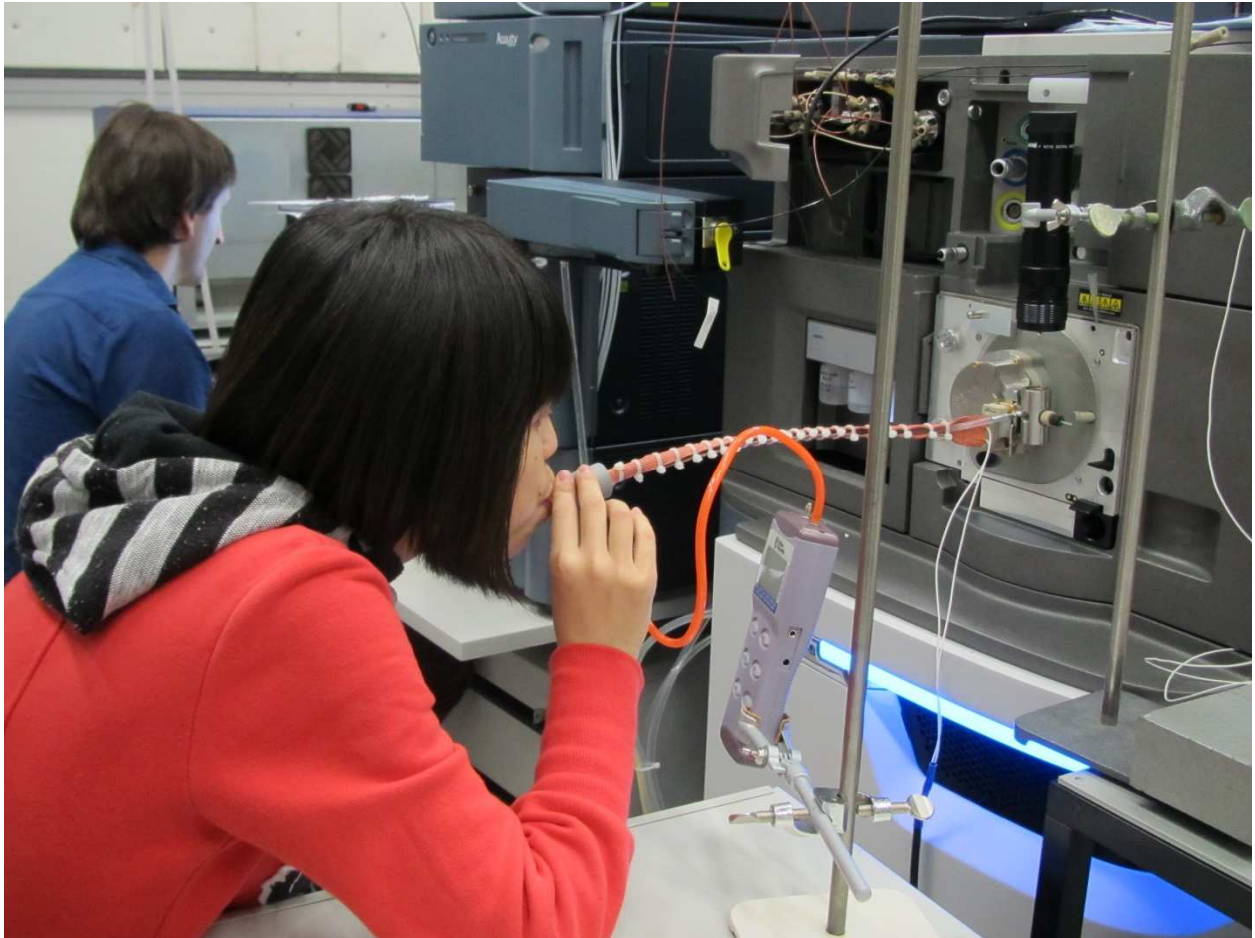


Figure S1. Picture of an experimental set-up similar to the one used in this study for the real-time mass spectrometric analysis of breath. The subject exhales through a disposable mouth connected to a heated Teflon tube directed to an electro spray plume. Exhalation flow rate is controlled by bio-feedback of the breathing subject by keeping the pressure at a certain value as read in the electronic manometer.