

Supporting Information

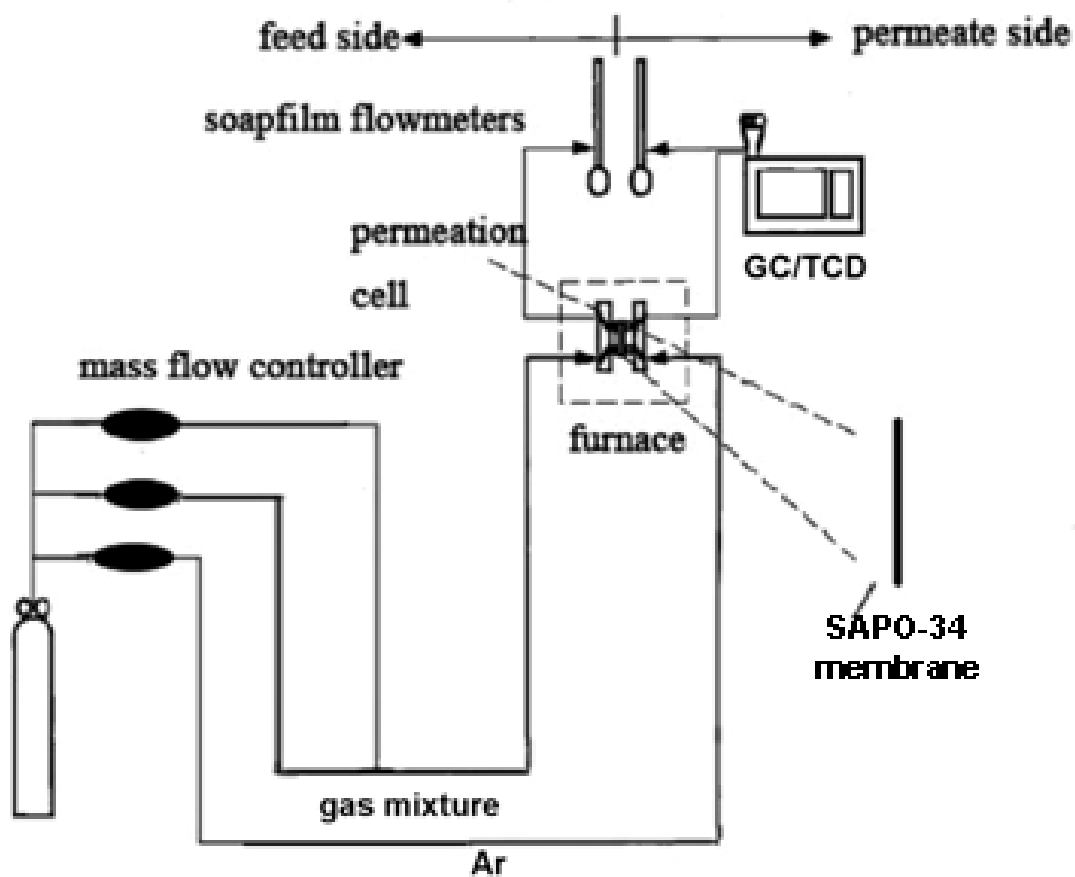


Figure s1. The experimental arrangement for gas-separation measurements with the SAPO-34 membrane at room temperature and at standard atmospheric pressure. One side of the membrane was swept by Ar while the other side was exposed to single gas or gas mixture. A soap-film flow meter is used to measure the flux of the gas and the volume ratio of the mixture gas detected is 1: 1.