According to our gas permeation experimental protocol the base zeolite material identical to that used in this study (same thickness) was tested for both H2 and CO2 (for up to 2 days) to identify the steady state for the system. Figures below show the permeate concentration versus real time on stream for about 45 hours. The system was under continueous flows of both testing and sweeping gases during that period. From this, it is reasonable to conclude that H2 and CO2 permeations reached steady state for the experiments reported in this work.



