Supplementary Information for Correction for a possible reversible adsorption over the “inert” material

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Figure S1: TAP multi-pulse experiment results showing the zeroth moments plotted as a function of pulse number for Oxygen (■), Hydrogen (▲) and Ethylene (●).
Figure S2: The desorption rate constants, $r_1$, of oxygen observed for (♦) fresh catalyst.
Figure S3: The desorption rate constants, $K_d$, of oxygen observed for (♦) fresh catalyst
Figure S4: The adsorption rate constants, $K_a$, of oxygen observed for (♦) fresh catalyst.