

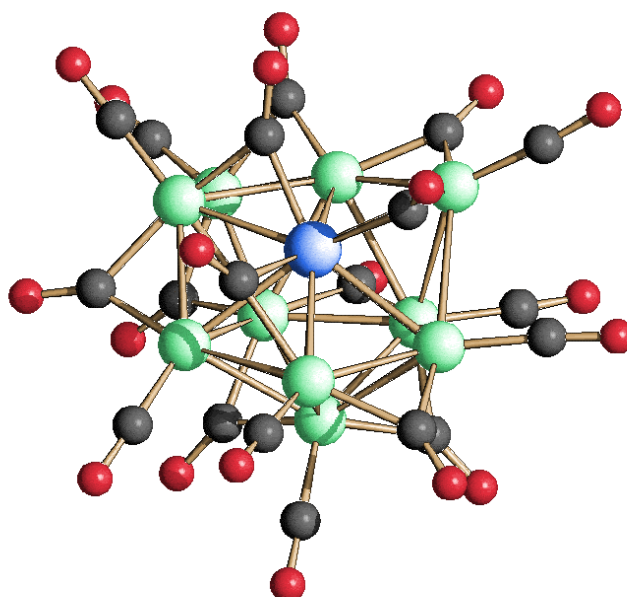
Supplementary Materials: Combined Reforming of Clean Biogas over Nanosized Ni–Rh Bimetallic Clusters

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Figure S1. Structure of the $\{\text{Ni}_{10}\text{Rh}(\text{CO})_{19}\}$ cluster. Red: O, Grey: C, Green: Ni, Blue: Rh.

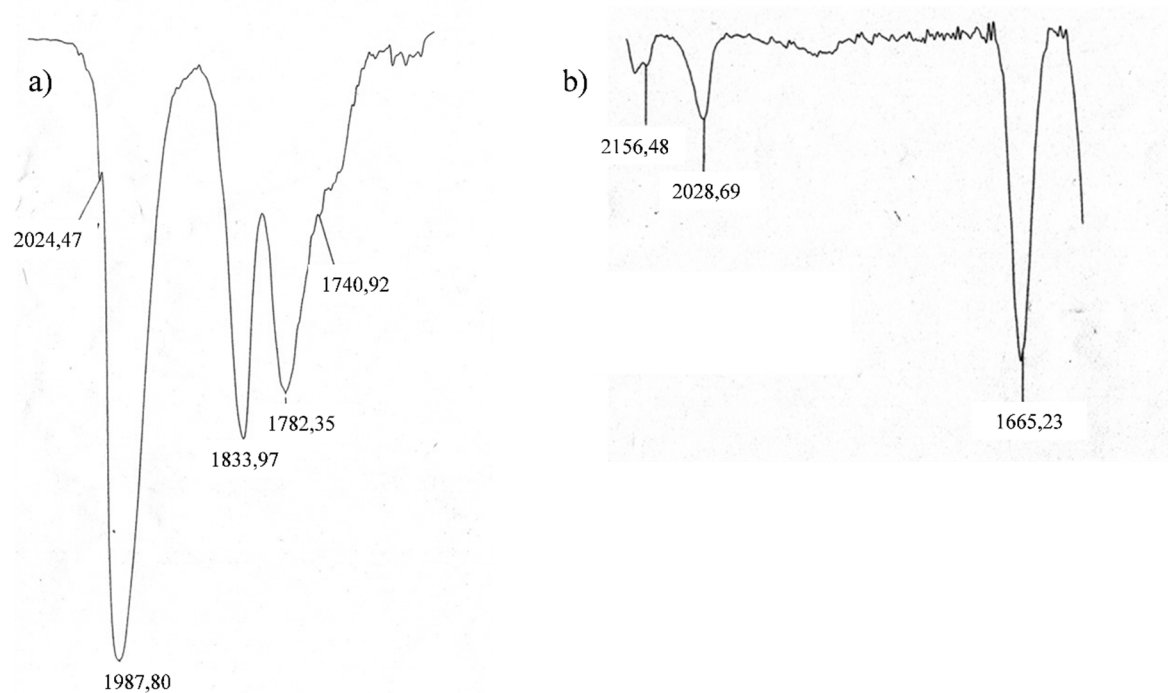


Figure S2. IR spectra of a) $\{Ni_{10}Rh(CO)_{19}\}/CH_3CN$ solution; b) the sample after thermal decomposition.

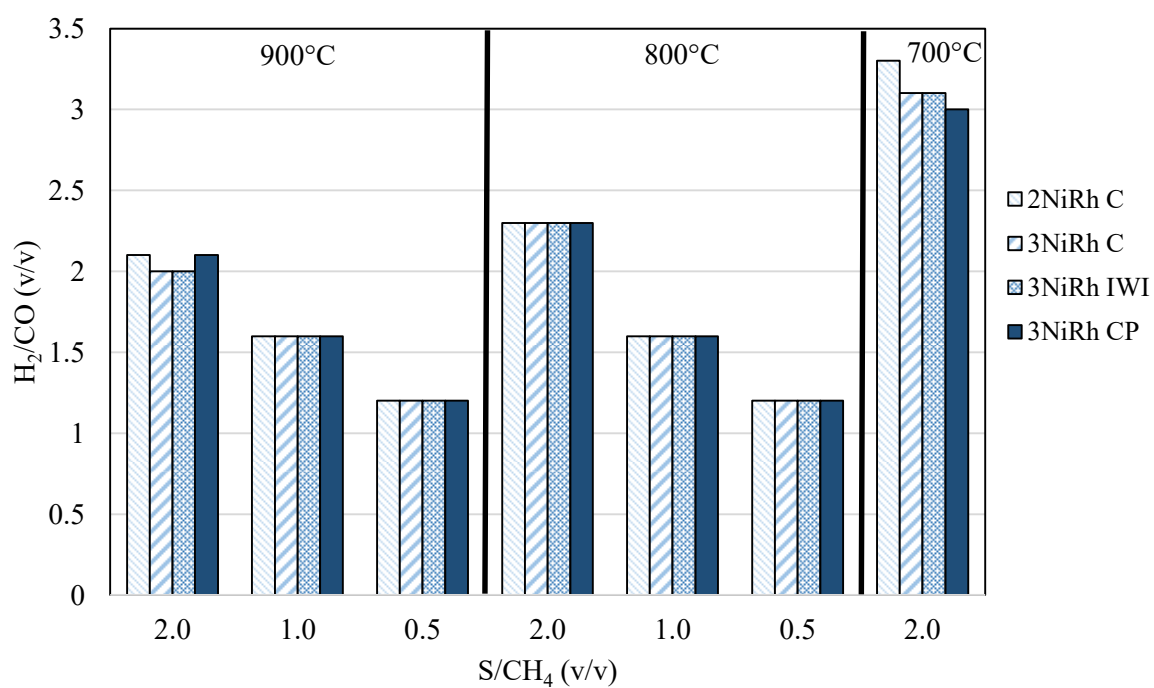


Figure S3. H_2/CO ratio of the outlet stream as a function of the reaction conditions.

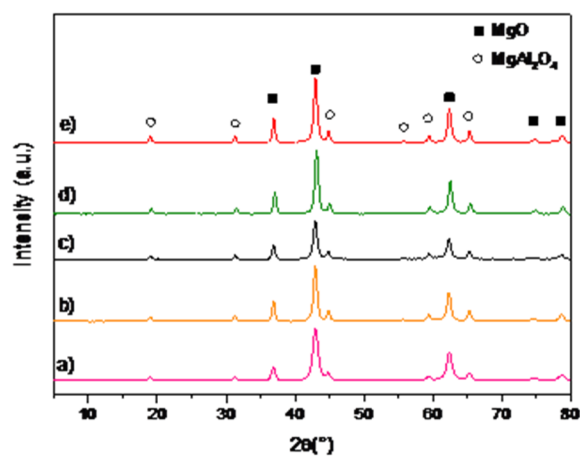


Figure S4. XRD patterns of a) the catalyst support after calcination, and of the spent catalysts; b) 2NiRh C; c) 3NiRh C; d) 3NiRh IWI; e) 3NiRh CP.

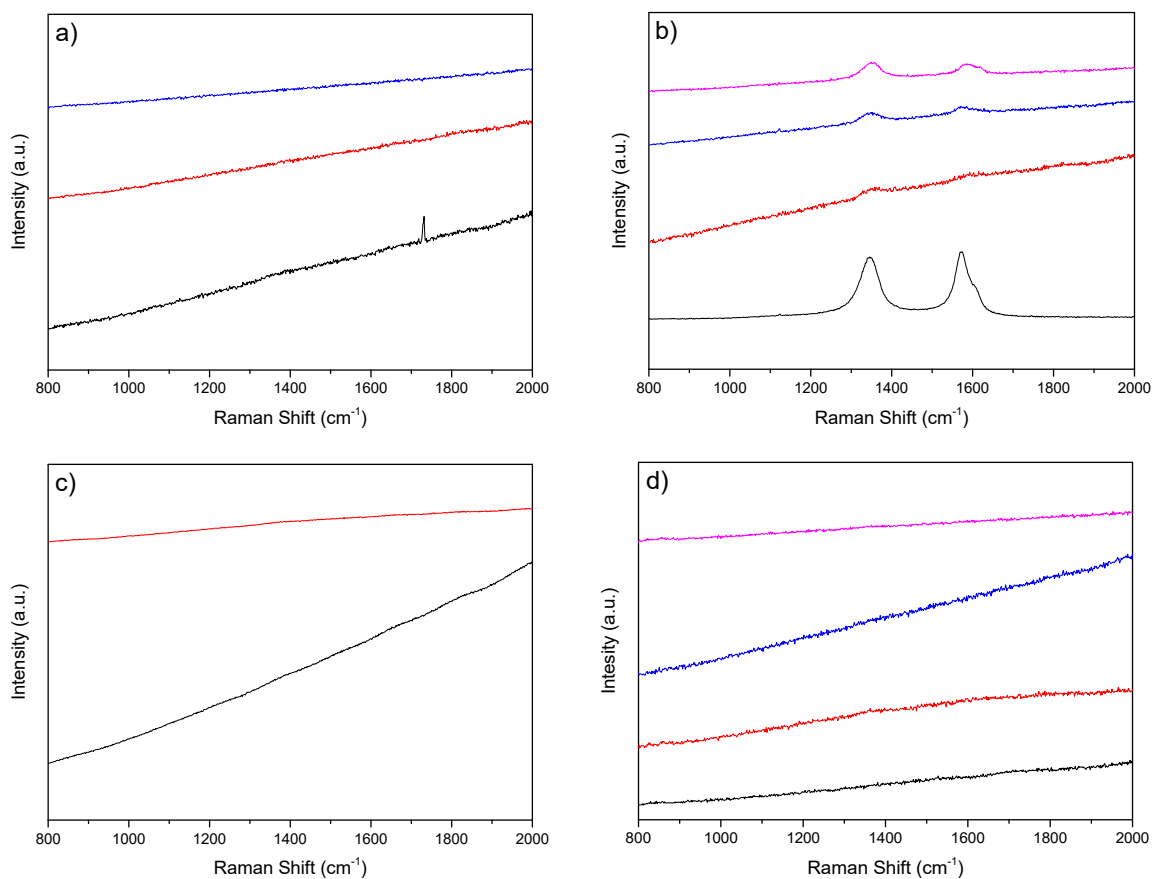


Figure S5. Raman results obtained for the spent catalysts. a) 2NiRh C, b) 3NiRh C, c) 3NiRh IWI, d) 3NiRh CP.