Supplementary Information

Fig. S1 XRD patterns of Mo₂C and WC prepared by TPR method (PDF file references are also included).

Fig. S2 Lifetime study of Mo₂C in DRM (T=800 °C, P=1 atm, CH₄/CO₂=1, WHSV=6000 cm³ g⁻¹ h⁻¹).
Fig. S3 Lifetime study of WC in DRM (T=800 °C, P=1 atm, CH₄/CO₂=1, WHSV=6000 cm³ g⁻¹ h⁻¹).