$$x_{\mathrm{NMHC}} = \frac{x_{\mathrm{THC[THC\text{-}FID]cor}} - x_{\mathrm{THC[NMC\text{-}FID]cor}} \cdot RF_{\mathrm{CH4[THC\text{-}FID]}}}{1 - RFPF_{\mathrm{C2H6[NMC\text{-}FID]}} \cdot RF_{\mathrm{CH4[THC\text{-}FID]}}} \qquad \text{Eq. 1065.660-2}$$