$$x_{\mathrm{THCE}} = x_{\mathrm{NOTHC}} + \sum_{i=1}^{N} \left(x_{\mathrm{OHCi}} - x_{\mathrm{OHCi\text{-}init}} \right)$$

Eq. 1065.665-1

$$x_{\mathrm{NOTHC}} = x_{\mathrm{THC[THC\text{-}FID]cor}} - \sum_{i=1}^{N} \left(\left(x_{\mathrm{OHCi}} - x_{\mathrm{OHCi\text{-}init}} \right) \cdot RF_{\mathrm{OHCi[THC\text{-}FID]}} \right)$$

Eq. 1065.665-2

$$x_{\mathrm{OHCi}} = \frac{\dfrac{m_{\mathrm{dexhOHCi}}}{M_{\mathrm{OHCi}}}}{\dfrac{m_{\mathrm{dexh}}}{M_{\mathrm{dexh}}}} = \frac{n_{\mathrm{dexhOHCi}}}{n_{\mathrm{dexh}}}$$

Eq. 1065.665-3