$$m_{\text{fueltransient}} = \frac{12.0107}{0.867} \cdot \left(\begin{array}{l} \left(\begin{array}{l} 2.876 \cdot \dfrac{2.61 \cdot 10^{-3}}{1 + 3.53 \cdot 10^{-2}} \cdot 0.1 + \\ 2.224 \cdot \dfrac{1.91 \cdot 10^{-3}}{1 + 3.13 \cdot 10^{-2}} \cdot 0.1 + \\ \ldots + \dot{n}_{\text{exh}_{6680}} \cdot \dfrac{x_{\text{Ccombdry}_{6680}}}{1 + x_{\text{H2Oexhdry}_{6680}}} \cdot \Delta t_{6680} \end{array} \right) \\ - \dfrac{1}{44.0095} \cdot \left(0.0726 \cdot 1.0 + 0.0751 \cdot 1.0 + \ldots + \dot{m}_{\text{CO2DEF}_{6680}} \cdot \Delta t_{6680} \right) \end{array} \right)$$