$$C_{H_2S} = 17.04 \times 10^3 \frac{\left(V_{IT}N_I - V_{TT}N_T\right)_{sample} - \left(V_{IT}N_I - V_{TT}N_T\right)_{blank}}{V_{m(std)}} \qquad \text{Eq. 11-5}$$