Correction to: A novel impedimetric sensor for trace level detection of dimethyl sulfide (DMS)

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The original version of this paper was unfortunately published with errors which are corrected by publishing this Correction article.

Errors have subsequently been identified in the original publication, and the following corrections should be noted in Eqs. 3, 4, 5, 6, and 7. These are corrected below.

Equation 3 should be

$$\text{LOD} = 2 \left(\frac{s_y t}{a_1} \right) \sqrt{\left(\frac{1}{N} \right) + 1 + \frac{(y_c - \bar{y})^2}{a_1^2 \sum_{i=1}^n (x_i - \bar{x})^2}}.$$

Equation 4 should be

$$y_c = a_0 + s_y t \sqrt{\left(\frac{1}{N} \right) + 1 + \frac{\bar{x}^2}{\sum_{i=1}^n (x_i - \bar{x})^2}}.$$

Equation 5 should be

$$\text{LOQ} = \left(\frac{y - a_0}{a_1} \right) + \left(\frac{s_y t}{a_1} \right) \sqrt{\left(\frac{1}{N} \right) + 1 + \frac{(y_h - \bar{y})^2}{a_1^2 \sum_{i=1}^n (x_i - \bar{x})^2}}.$$

Equation 6 should be

$$x_c = \left(\frac{s_y t}{a_1} \right) \sqrt{\left(\frac{1}{N} \right) + 1 + \frac{\bar{x}^2}{\sum_{i=1}^n (x_i - \bar{x})^2}}.$$

Equation 7 should be

$$y_h = a_0 + 2s_y t \sqrt{\left(\frac{1}{N} \right) + 1 + \frac{(x_c - \bar{x})^2}{\sum_{i=1}^n (x_i - \bar{x})^2}}.$$

The original article can be found online at <https://doi.org/10.1007/s10854-020-03588-0>.

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