

Supplementary material section

A novel in situ method for linear alkylbenzene sulfonate quantification in environmental samples using a digital image-based method

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The vector was calculated using the equation:

$$\text{Vector} = \sqrt{\left(-\log_{10}\left(\frac{R}{R_0}\right)\right)^2 + \left(-\log_{10}\left(\frac{G}{G_0}\right)\right)^2 + \left(-\log_{10}\left(\frac{B}{B_0}\right)\right)^2}$$

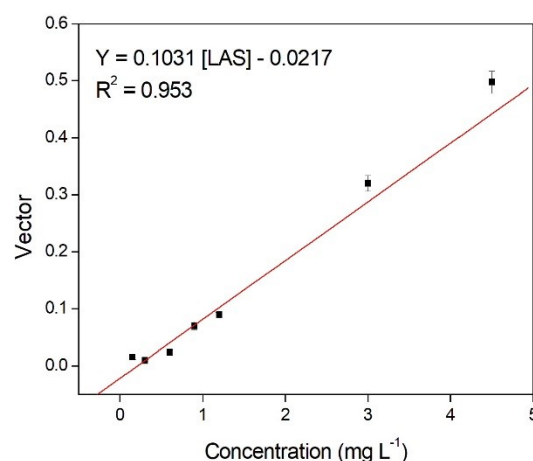


Figure S1. Analytical curve of vector for LAS determination with DIB. Experimental conditions: capacity of 700 μL ; concentration from 0.15 to 4.5 mg L^{-1} ; image capture time of 10 s.

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