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Pump-Probe Microscopic Imaging of Jurassic-Aged Eumelanin: Erratum

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We correct an error to our previous article. In Figure 5 and the text description of that data; iron concentrations were incorrectly labeled as μM , but they should have been mM. No conclusions of the paper are changed. The corrected text and figure are:

“Figure 5 shows the pump–probe response of EDTA washed *S. officinalis* eumelanin loaded with different initial concentrations of iron(III) chloride. The eumelanin is saturated with iron when the initial concentration of iron is greater than 1 mM.⁹ Increasing the initial iron concentration causes the negative signal when the pulses are overlapped (at $t = 0$) to appear and the positive signal when the pump precedes the probe ($t > 0$) to disappear; the 0.25 mM is similar to the *S. officinalis* eumelanin spectrum given in Figure 1. This value is approximately in agreement with the reported concentrations found in natural *S. officinalis* melanin.⁹”

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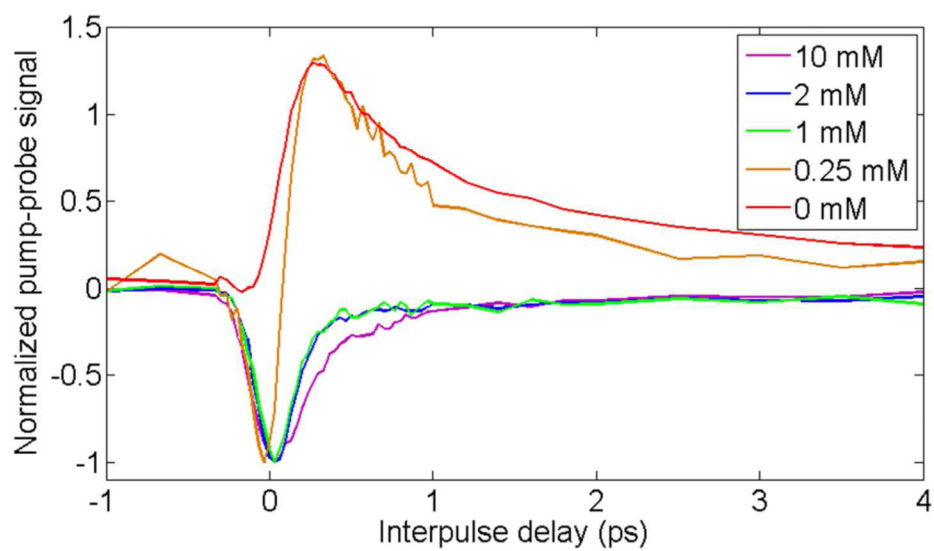


Figure 5. Average spectra of iron loaded *S. officinalis* eumelanin obtained by varying the initial concentration of iron(III) chloride.