

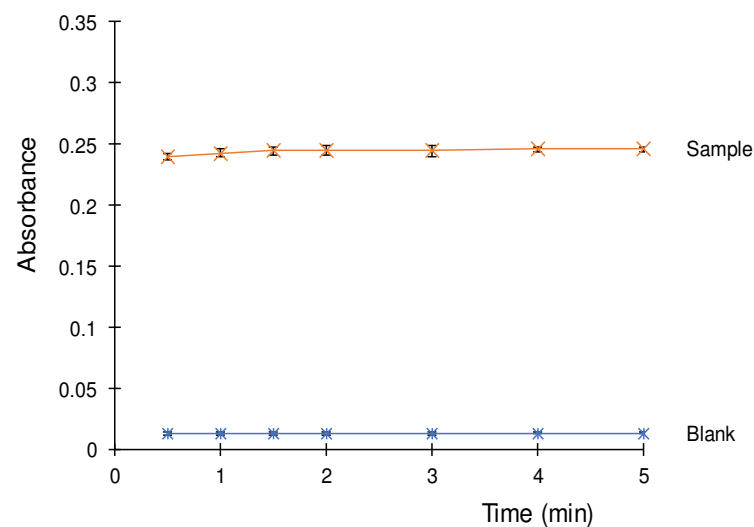
## Supplementary content

### A colorimetric method for the rapid estimation of the total cannabinoids content in cannabis samples

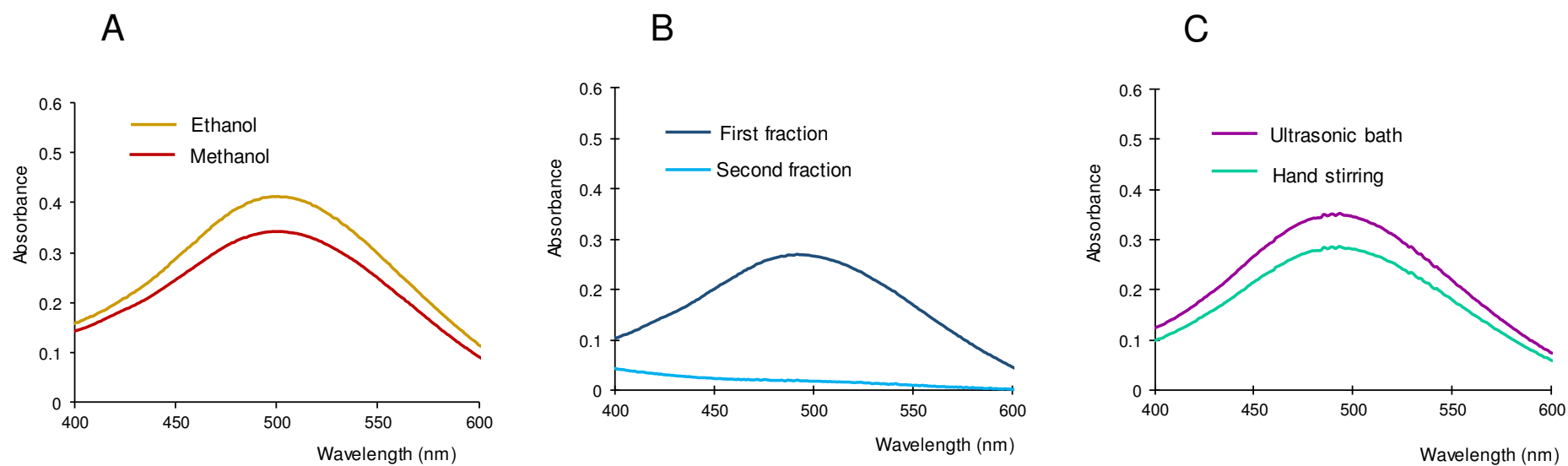
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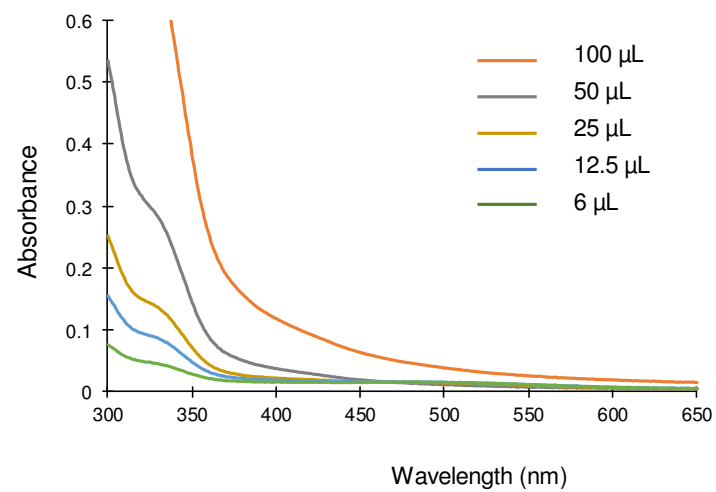
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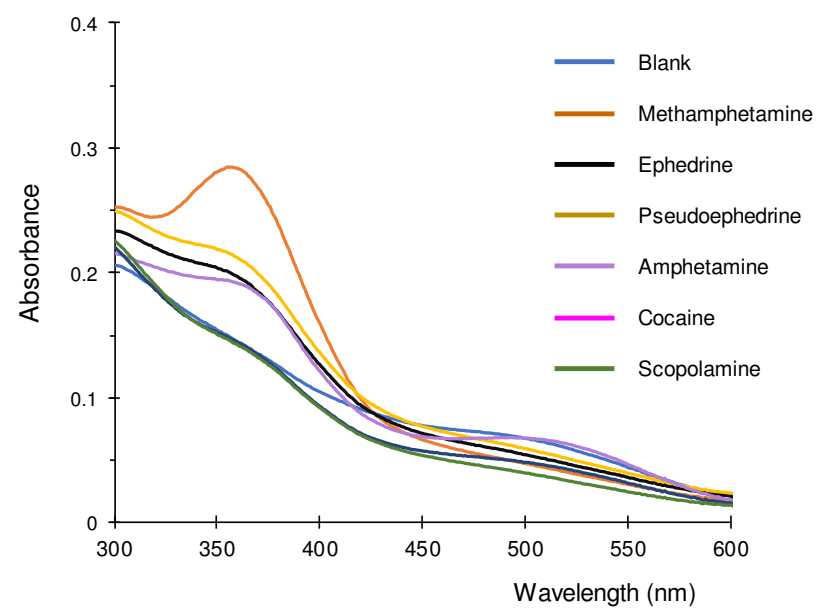
**Figure S1.** Variation of the absorbance at 500 nm with the time of reaction in the solution reaction approach for a sample (25  $\mu$ L of methanolic extract of a cannabis plant sample + 175  $\mu$ L of water) and for a blank (200  $\mu$ L of water). For other experimental details, see text.



**Figure S2.** Spectra obtained for cannabinoids present in a cannabis sample: (A) extracts obtained with methanol and ethanol; (B) extracts obtained with two successive extractions with; (C) extracts obtained with ethanol by using ultrasonication and hand stirring for 10 min. For other experimental details, see text.



**Figure S3.** Spectra obtained in absence of FBB for different volumes of sample extract. Reaction media, sample extract + water up to 200 μL and 200 μL of 0.025 M NaOH. For other experimental details, see text.



**Figure S4.** Spectra obtained for different drugs derivatized with FBB under the solution reaction conditions.