

SOIL Discuss., referee comment RC4  
<https://doi.org/10.5194/soil-2021-146-RC4>, 2022  
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## Reply on AC2

Alexander Bonhage (Referee)

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Referee comment on "Identification of thermal signature and quantification of charcoal in soil using differential scanning calorimetry and benzene polycarboxylic acid (BPCA) markers" by Briec Hardy et al., SOIL Discuss.,  
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Figure 1. Y axis unit inconsistent with the other figures

Authors: On Figure 1 we have the "by default" layout of the Universal Analysis 2000 software that was used to calculate indicators from the curves. On the other figures you have "clean" curves after removal of the baseline, etc... We think that this is not an issue in the present form.

**AB: Minor detail I guess: I was referring to W/g vs. W g<sup>-1</sup>**

Regarding Answers to 59, Charcoal >1mm (135), 350

**AB: I really enjoyed reading all of your answers. I would highly encourage you to include at least some of the information you give in your answers in the revised version of the manuscript (maybe in a condensed form). Especially your additional reasoning as to why the calibration using >1mm charcoal pieces seems to be valid.**