

Interactive comment on “A new approach for measuring the carbon and oxygen content of atmospherically-relevant compounds and mixtures” by James F. Hurley et al.

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We thank the reviewers for their careful reading of our work and appreciate their assessment that this work is interesting. We appreciate the concerns raised by the reviewers, and hope they agree that our revisions of this manuscript satisfactorily address those concerns. Because all three Reviewers have raised similar scientific concerns and discussion points, we have responded to all three Reviewers in a single document. Responses to this Reviewer (Anonymous Referee #3) are on pages 18-37.

Please also note the supplement to this comment:

C1

<https://www.atmos-meas-tech-discuss.net/amt-2020-44/amt-2020-44-AC3-supplement.pdf>

Interactive comment on Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2020-44, 2020.