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# ***Interactive comment on “Emission ratio and isotopic signatures of molecular hydrogen emissions from tropical biomass burning” by F. A. Haumann et al.***

## **Anonymous Referee #1**

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This article presents new results to constrain the hydrogen budget and improve top-down and bottom-up approaches in the tropical region for the biomass burning term. The authors use results from an aircraft measurement campaign of both concentration and isotopic signatures of H<sub>2</sub>. The results are clearly presented, the discussion is thorough, getting at every aspect of the problem. This paper is suitable for publication in ACP. Minor comments: p1120 | 0-15 please check the tenses p11220 | 20, please add the value of the VSMOW. p11223 | 10-17 Do you or do you not use the background for the calculations afterwards? Please clarify. p11229 | 0 'latitude due to the variance'

Interactive comment on Atmos. Chem. Phys. Discuss., 13, 11213, 2013.

C2456

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