

## ***Interactive comment on “Remote sensing of methane leakage from natural gas and petroleum systems revisited” by Oliver Schneising et al.***

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Dear authors, this is a very good and interesting manuscript. The one discussion I am missing though is on the choice of background correction. The paper merely states that the background is "suitable". What makes the chosen background suitable? Where other background areas tested and if so, how do they effect the result? Particularly since the background in methane is so large compared to the excess methane above the target area, I would very much appreciate a small paragraph on this in the revised paper. Thank You!

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Discussion paper

