

***Interactive comment on* “Technical note:
Determination of binary gas phase diffusion
coefficients of unstable and adsorbing
atmospheric trace gases at low temperature –
Arrested Flow and Twin Tube method” by Stefan
Langenberg et al.**

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As the leading author of a few very relevant papers (Tang et al., 2014a; Tang et al., 2015; Gu et al., 2018) cited by this manuscript, I would like to congratulate the authors on their nice work. I also have a few comments:

1) As diffusion coefficients depend on temperature, it took me a while to know the corresponding temperature for D_0 presented in Tables 2-3. Although it is clear in the

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text, it may be helpful to explain D0 in the table captions.

2) It will be useful to provide an outlook to tell the readers which trac gases will be (are being) investigated using the two nice techniques?

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