

The paper is well written and can be accepted after taking into consideration the following revisions :

- 1- I suggest to replace the word « development » in the paper's title by « optimization » : because the technique has already been developed, and in this paper it was optimized.
- 2- Uncertainty estimation : based on « ACTRIS 2018, deliverable 3.17 », the uncertainty related to the peak integration should be addressed ; as well as the one related to the memory effect.
- 3- Line 445 : please reconsider what you added in the paragraph regarding ozone trap, with regards to the work performed by Mermet et al. 2019 where they thoroughly investigated many types of ozone scrubbers for the online measurement of MT and SQT by TD-GC-FID.