Interactive comment on “Global modelling of H$_2$ mixing ratios and isotopic compositions with the TM5 model” by G. Pieterse et al.

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Received and published: 29 April 2011

Dear Authors,

In the specific comment #4, I erroneously took the ratio of the masses in the HLBs and LLB domains as $\sim$2:1, reckoning the former twice. Indeed, the area enclosed in the 30N-30S belt is equal to that of the remaining high-latitude belts, when one considers a perfect sphere. This way, the "aggregate $\sim$15 ppb lost from the HLBs" should be expected NOT as "$\sim$30 ppb arriving into the LLB", but as the same $\sim$15 ppb. Whereas this correction reduces the discrepancy, this number is still too large compared to 5-6 ppb presented for the LLB, as I noted in the comment.

I apologize for the potential confusion I have introduced unintentionally.
Interactive comment on Atmos. Chem. Phys. Discuss., 11, 5811, 2011.