

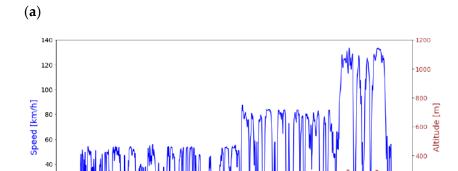


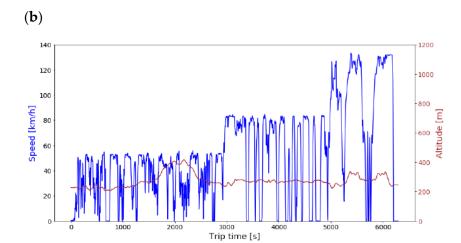
Supplementary Materials

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Figure S1. Altitude and speed profile of (a) route-1, (b) route-2 and (c) route-3.

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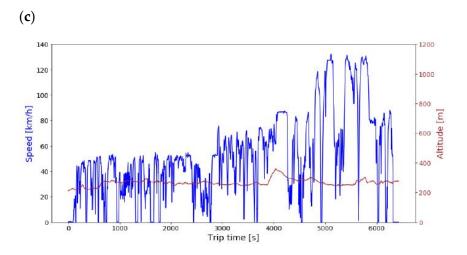


Figure S2. (a) NH₃, (b) CH₄ and (c) N₂O emission profiles registered with the portable FTIR (orange) and lab-grade FTIR (black) during a WLTP test performed with DV1.

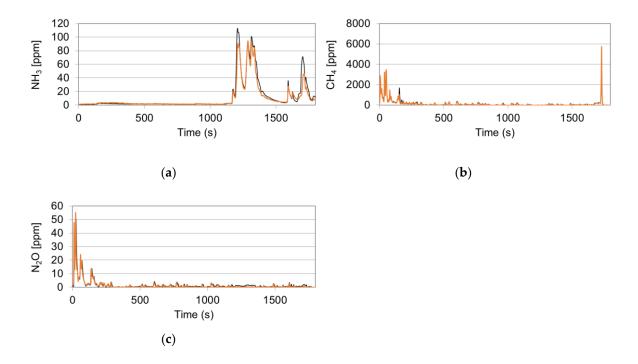


Figure S3. NH_3 , N_2O , NO, NO_2 , CO, CH_4 , and HCHO on-road emissions profiles registered during a DPF regeneration event of the DV1.

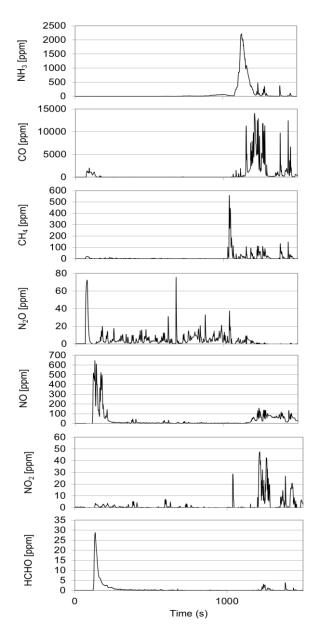


Figure S4. (a) CO emission profile from the CNG-LCV measured using NDIR present in the PEMS (black line) and the portable FTIR (red line). (b) CO emission profile (red line) and N_2O emission profile (blue line) measured using the portable FTIR.

