

Measurements of stable carbon and hydrogen isotopes in atmospheric methane at Ispra, Italy.

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Stable carbon and hydrogen isotopes in atmospheric methane provide important information about the relative contribution of methane sources from different production processes, such as biogenic sources, thermogenic sources, or incomplete combustion of biomass of fossil fuels. Here we present $\delta^{13}\text{C}_{\text{CH}_4}$ and δD measurements from air samples taken at the atmospheric monitoring station Ispra, Italy, at the border of the Po valley.