



14 years of greenhouse gas observations by FTIR in Kiruna, Sweden

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Ground-based FTIR measurements using a 120HR spectrometer are performed at the Swedish Institute of Space Physics in Kiruna (67.84°N, 20.41°E, 419 m asl) since March 1996 within the framework of the NDACC. We will present a reanalysis of the greenhouse gases N₂O and CH₄, covering the complete time series of available spectra.