

Table S2. AMB Background CH₄ mixing ratio and estimated CH₄ emission rate corresponding to two downwind distances from IN-1 during the 30 August 2012 and 03 July 2014 flight experiments.

Flight Date	Downwind distance from IN-1 (km)	Background CH ₄ mixing ratio (ppb)	Emission Rate (mol s ⁻¹)
30 August 2012	3	1930.6 ± 8.6	18
	6	1923.6 ± 7.8	16
03 July 2014	6	1896.2 ± 1.3	7.9
	4.5	1896.3 ± 1.2	6.8