

Hydrocarbon toxicity towards hydrogenotrophic methanogens in oily waste streams

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SUPPLEMENTARY MATERIALS

Table S1. pH and ORP measurements at the start (t_0) and end (t_f) of the toxicity assays with *Methanobacterium formicum* and *Methanospirillum hungatei*, at increasing hexadecane concentrations. The values represent the mean of triplicates \pm standard deviation.

Methanogen	Hexadecane (mM)	t_0		t_f	
		pH	ORP (mV)	pH	ORP (mV)
<i>M. formicum</i>	0	7.17 \pm 0.02	-266 \pm 2	8.05 \pm 0.06	-264 \pm 5
	1	7.18 \pm 0.02	-270 \pm 3	8.07 \pm 0.01	-264 \pm 8
	5	7.20 \pm 0.01	-274 \pm 6	8.06 \pm 0.01	-269 \pm 4
	15	7.18 \pm 0.01	-274 \pm 9	8.00 \pm 0.03	-275 \pm 4
	30	7.15 \pm 0.01	-273 \pm 5	8.07 \pm 0.01	-276 \pm 5
<i>M. hungatei</i>	0	7.11 \pm 0.07	-288 \pm 18	7.66 \pm 0.17	-236 \pm 10
	1	7.10 \pm 0.05	-278 \pm 5	7.61 \pm 0.08	-209 \pm 29
	5	7.11 \pm 0.03	-283 \pm 10	7.65 \pm 0.03	-233 \pm 8
	15	7.12 \pm 0.01	-277 \pm 5	7.64 \pm 0.05	-234 \pm 8
	30	7.11 \pm 0.00	-280 \pm 6	7.62 \pm 0.09	-228 \pm 7