

# Extending PTR based breath analysis to real time monitoring of reactive volatile organic compounds

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**Supplementary table 1.** List of compounds that showed end-tidal concentrations lower than the corresponding room air concentrations.

m/z	Sum Formula	Tentative Identification
45.033	(C <sub>2</sub> H <sub>4</sub> O)H <sup>+</sup>	Acetaldehyde
47.013	(CH <sub>2</sub> O <sub>2</sub> )H <sup>+</sup>	Formic Acid
87.044	(C <sub>4</sub> H <sub>6</sub> O <sub>2</sub> )H <sup>+</sup>	Butenoic acid
109.101	(C <sub>8</sub> H <sub>12</sub> )H <sup>+</sup>	Cyclooctadiene

**Supplementary table 2.** Participant list with demographic parameters

ID	Age (years)	Sex	Height (cm)	Weight (Kg)	Smoker	High protein	Low protein
1	30	M	176	79	Yes	✓	✓
2	29	F	167	50	No	✓	✓
3	27	F	155	48	No	✓	✓
4	24	F	173	62	No	✓	✓
5	30	M	182	80	No	✓	✓
6	29	F	170	63	No	✓	
7	28	M	174	70	Yes	✓	
8	27	M	178	80	No	✓	
9	27	F	167	72	No	✓	✓
10	33	M	168	64	No	✓	
11	36	M	184	70	No	✓	✓
12	47	F	168	62	No		✓
13	24	M	186	85	No	✓	✓
14	23	M	177	69	Yes	✓	
15	27	F	169	57	No	✓	
16	33	F	165	72	No	✓	✓
17	26	F	167	59	No		✓