

Table S1. Ten electronic nose sensors and their compound detection sensitivity.

Sensor array	Sensor code	Substances for sensing	Sensitivity
R1	W1C	Generally aromatic compounds	Toluene, 10 mL/m ³
R2	W5S	Highly sensitive to nitrogen oxides	nitrogen dioxide, 1 mL/m ³
R3	W3C	Ammonia, also sensitive to aromatic compounds	Benzene, 10 mL/m ³
R4	W6S	High selectivity for hydrogen compounds	hydrogen, 100 mL/m ³
R5	W5C	Sensitive to short chain alkanes	Propane, 1 mL/m ³
R6	W1S	Sensitive to methyl compounds	methane, 100 mL/m ³
R7	W1W	Sensitive to inorganic sulphur compounds	hydrogen sulfide, 1 mL/m ³
R8	W2S	Sensitive to alcohols and carbonyls (aldehydes and ketones)	carbon monoxide, 100 mL/m ³
R9	W2W	Reactive with aromatic and organic sulphur compounds	hydrogen sulfide, 1 mL/m ³
R10	W3S	Selective for long chain alkanes	methane, 10 mL/m ³