

Supporting Information

Bioelectronic Nose Based on Single-Stranded DNA and Single-Walled Carbon Nanotube to Identify a Major Plant Volatile Organic Compound (p-Ethylphenol) Released by *Phytophthora Cactorum* Infected Strawberries

Hui Wang ^{1,2,*}, Yue Wang ¹, Xiaopeng Hou ² and Benhai Xiong ^{1,*}

¹ State Key Laboratory of Animal Nutrition, Institute of Animal Sciences, Chinese Academy of Agricultural Sciences, Beijing 100193, China; wangyue9313@163.com (Y.W.)

² Research Institute of Wood Industry, Chinese Academy of Forestry, Beijing 100091, China; houxiaopeng_lunwen@163.com (X.H.)

* Correspondence: wanghui_lunwen@163.com or wanghuilunwen@cau.edu.cn (H.W.); xiongbenhai@caas.cn (B.X.); Tel.: +86-010-62811680 (B.X.)

Received: 05 February 2020; Accepted: 03 March 2020; Published: date

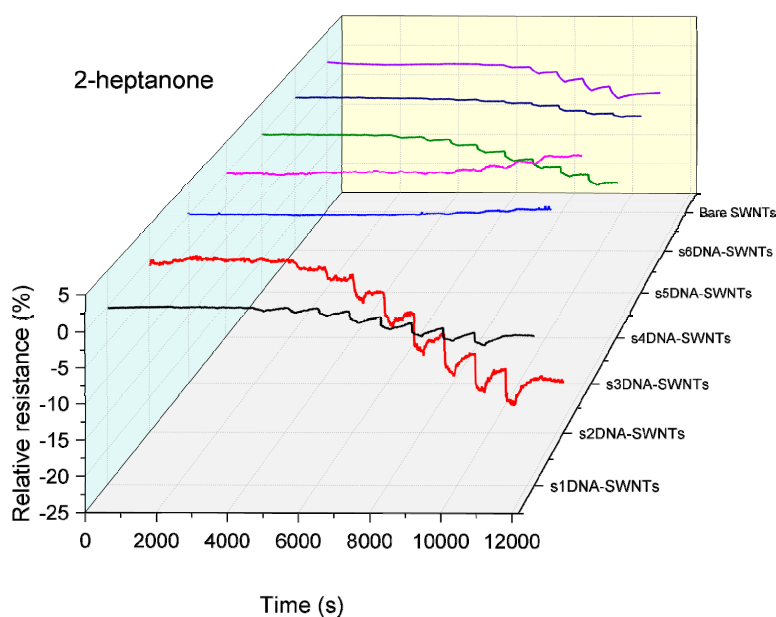


Figure S1. The relative resistance of different ssDNA-SWNTs towards different concentrations of 2-heptanone varying from 0.25% to 100%.

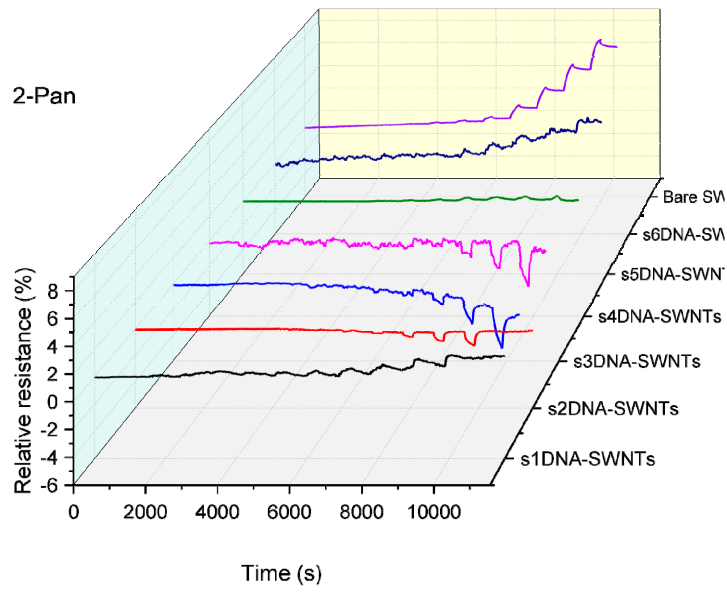


Figure S2. The relative resistance of different ssDNA-SWNTs towards different concentrations of 2-pentanone varying from 0.25% to 100%.

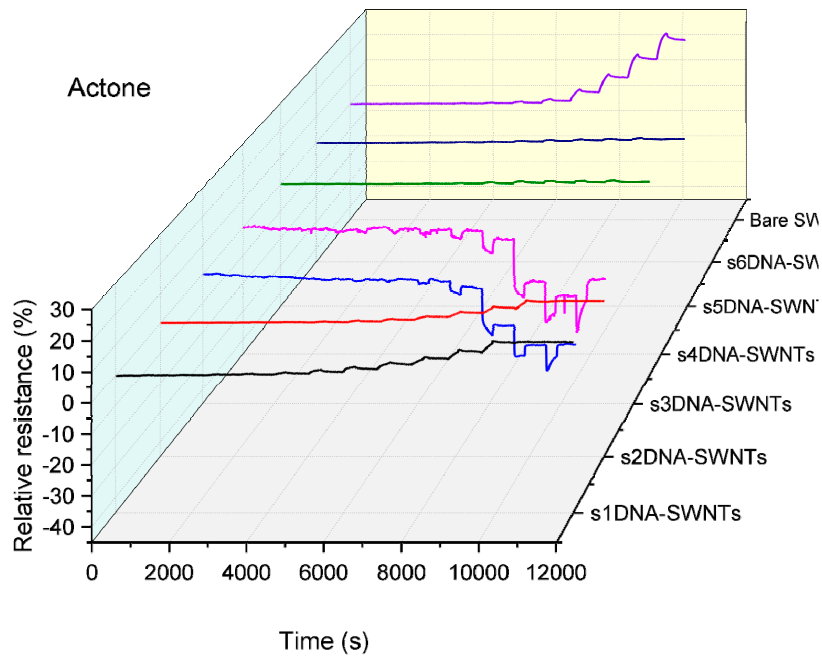


Figure S3. The relative resistance of different ssDNA-SWNTs towards different concentrations of actone varying from 0.25% to 100%.

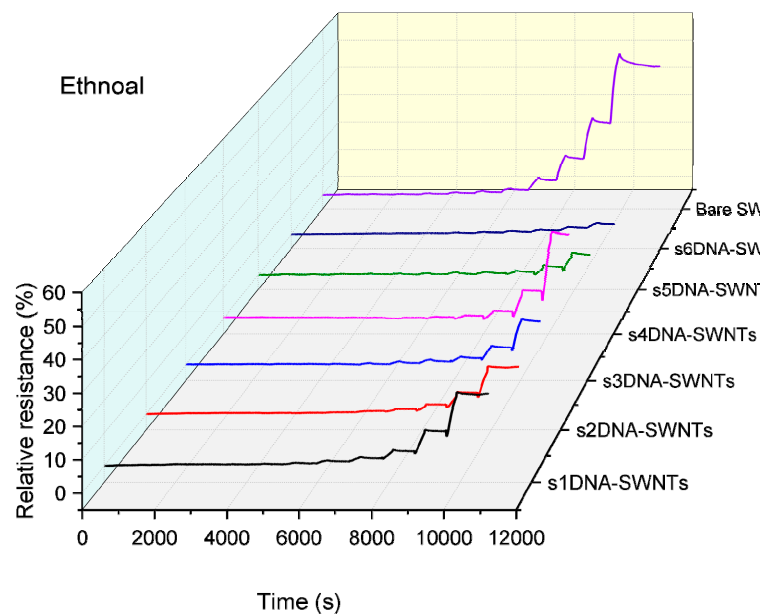


Figure S4. The relative resistance of different ssDNA-SWNTs towards different concentrations of ethnoal varying from 0.25% to 100%.

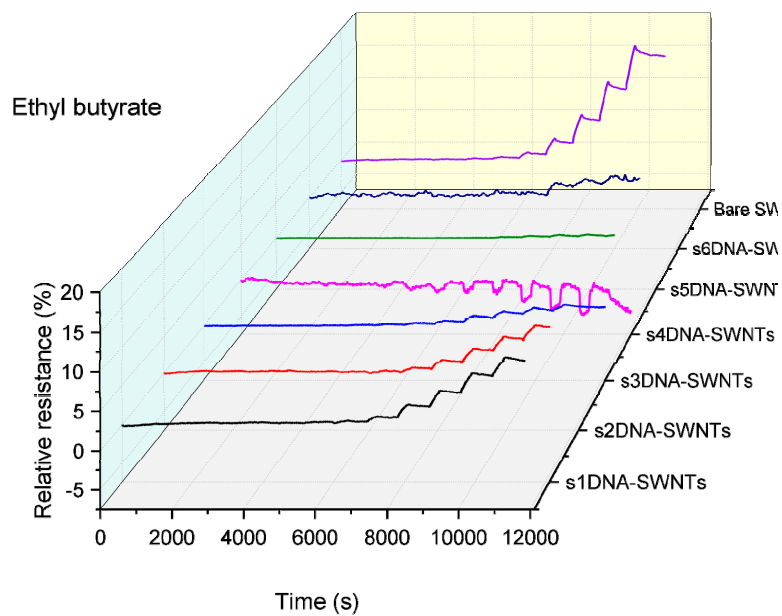


Figure S5. The relative resistance of different ssDNA-SWNTs towards different concentrations of ethyl butanoate varying from 0.25% to 100%.

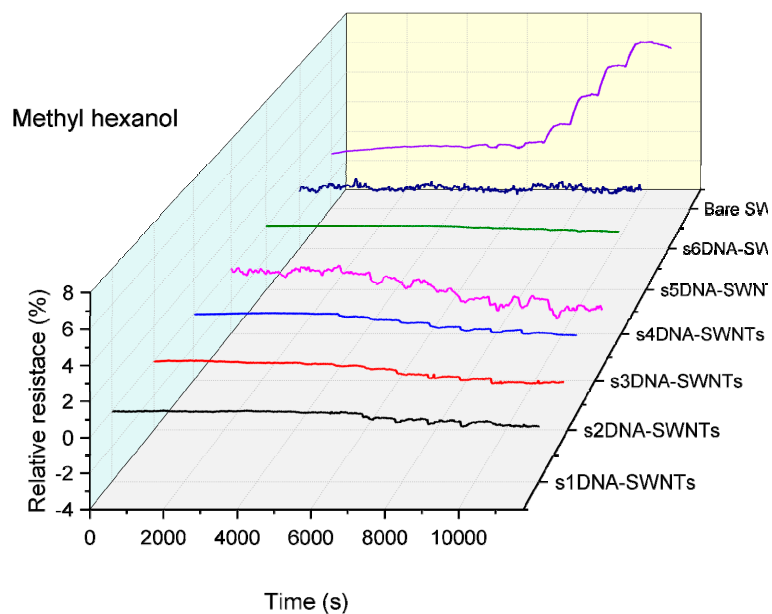


Figure S6. The relative resistance of different ssDNA-SWNTs towards different concentrations of methyl hexanoate varying from 0.25% to 100%.

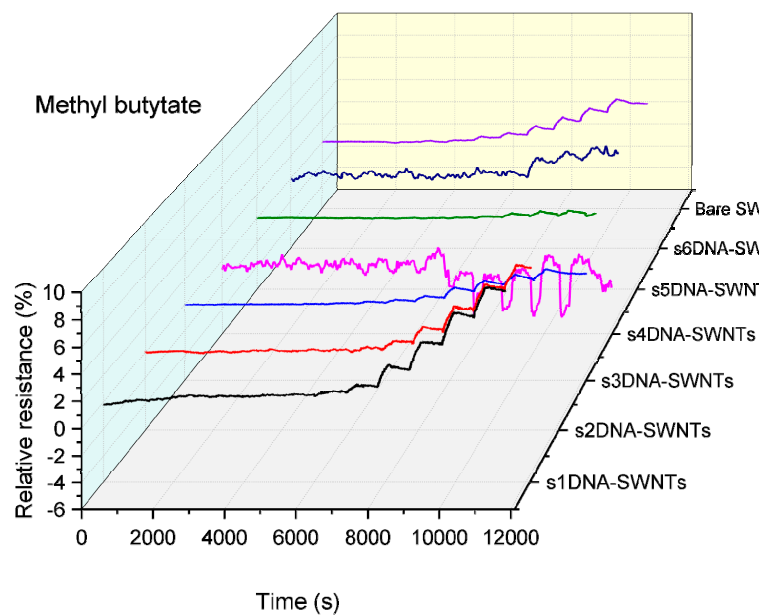


Figure S7. The relative resistance of different ssDNA-SWNTs towards different concentrations of methyl butanoate varying from 0.25% to 100%.

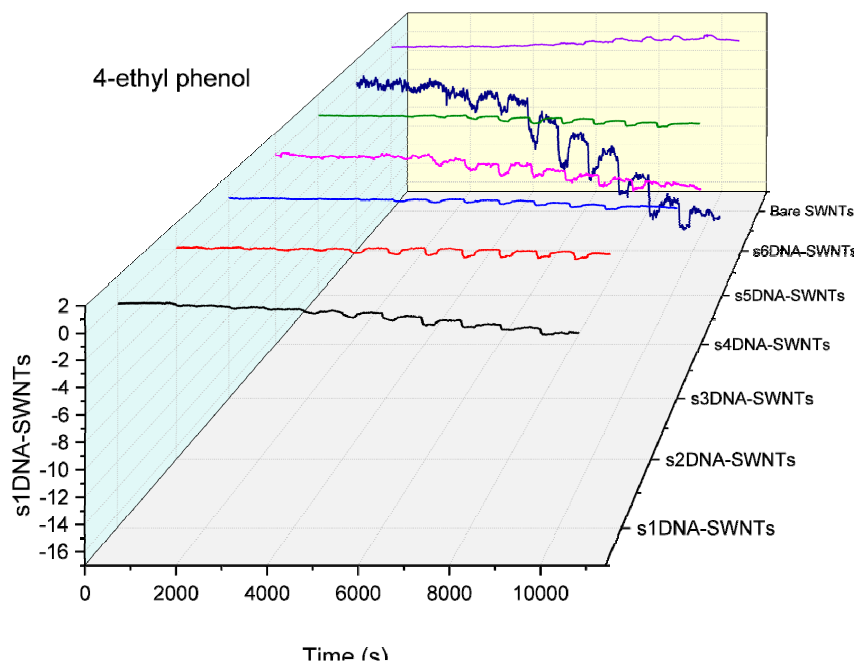


Figure S8. The relative resistance of different ssDNA-SWNTs towards different concentrations of 4-ethyl phenol varying from 0.25% to 100%.