

## Supporting Information

### **Identification of tobacco types and cigarette brands using an electronic nose based on conductive polymer/porphyrin composite sensors**

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## 1. Conductance output for cigarette brands

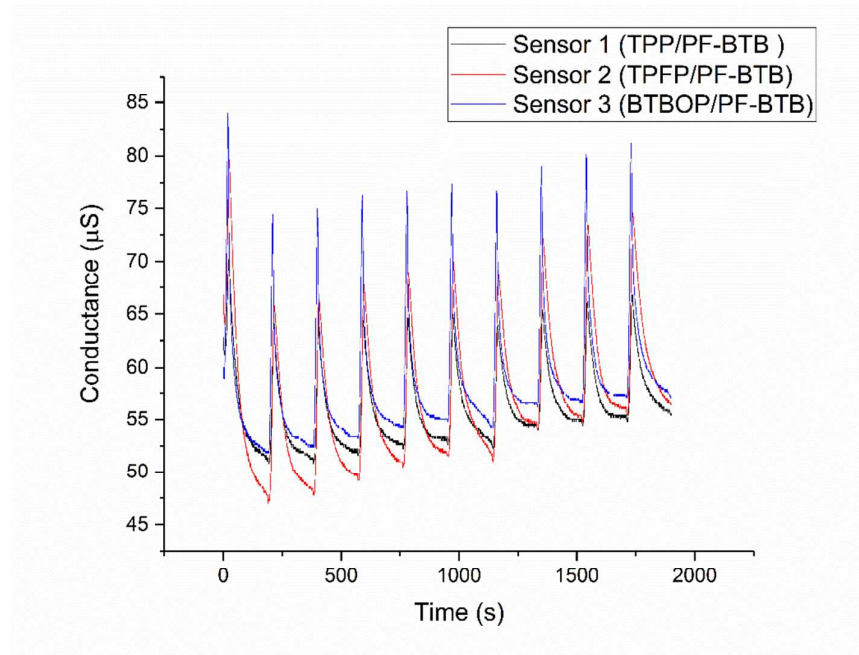


Figure S1: Conductance output for M1 (Marlboro Silver).

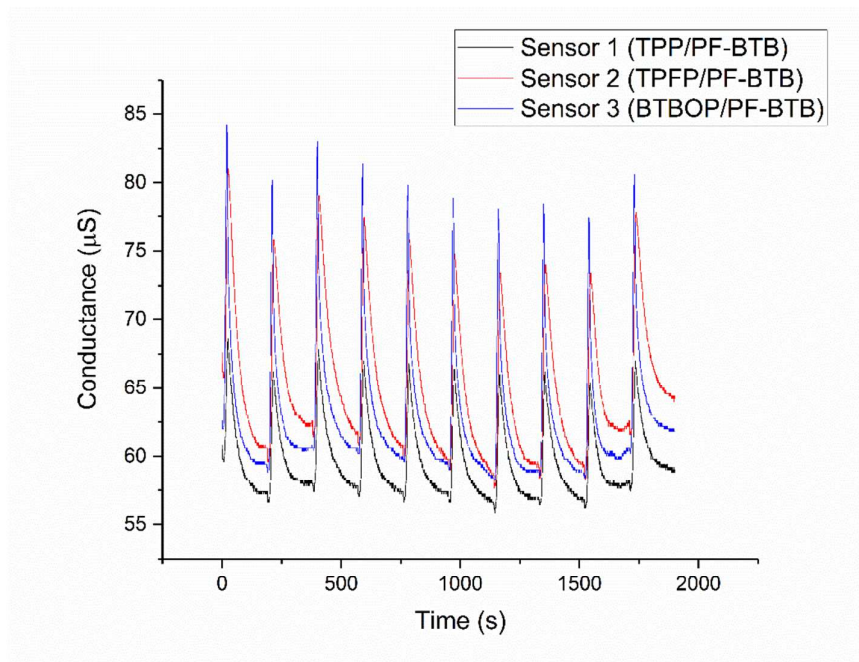
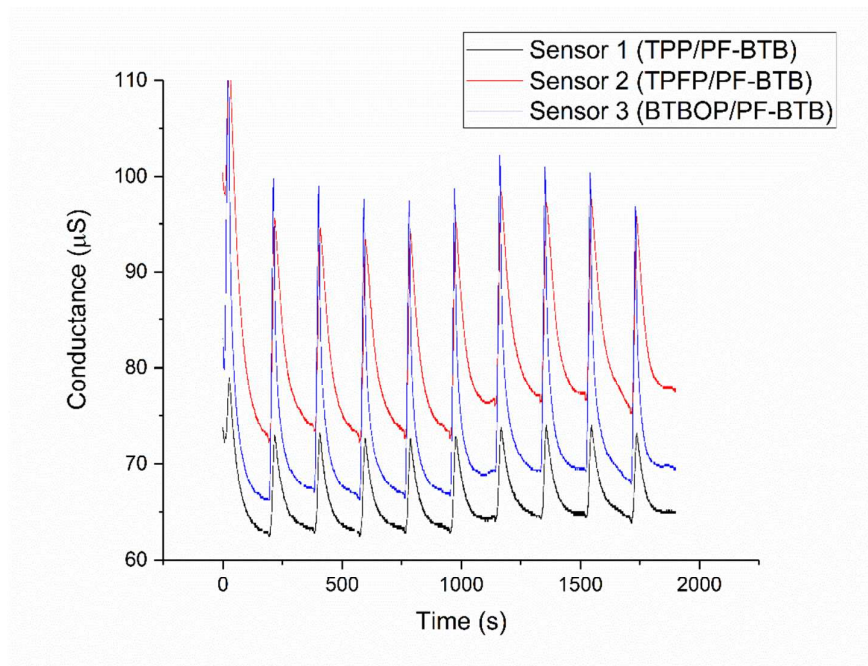
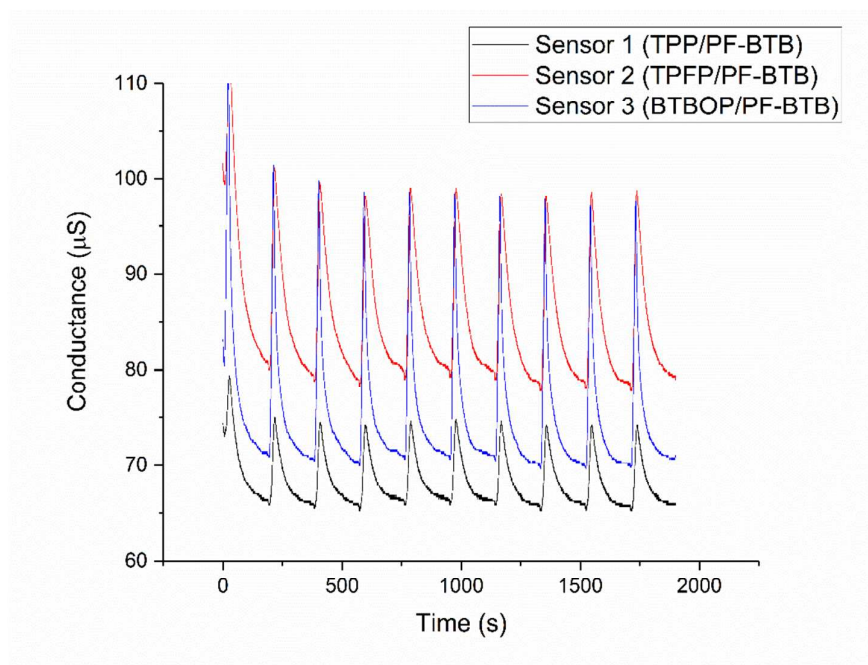


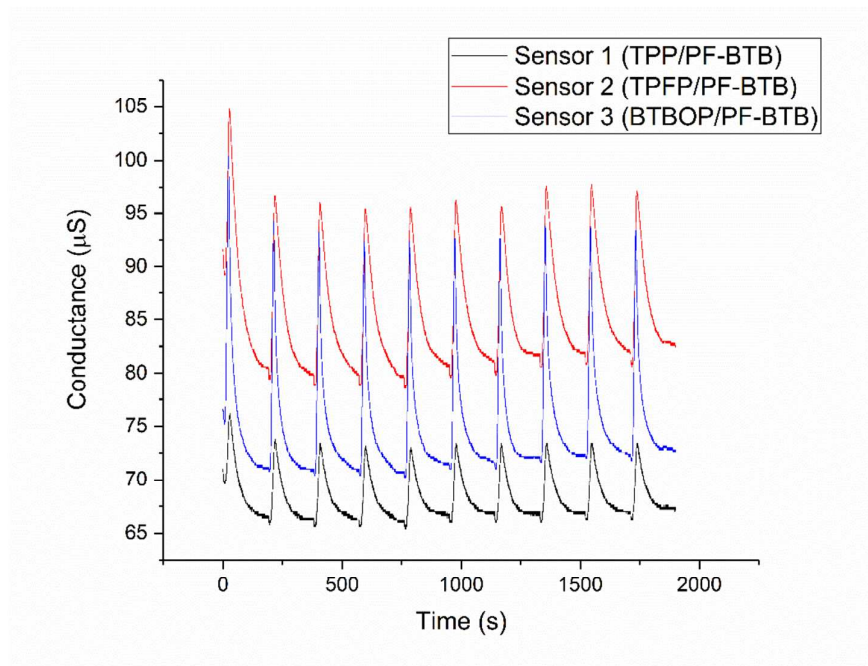
Figure S2: Conductance output for M2 (Marlboro Gold).



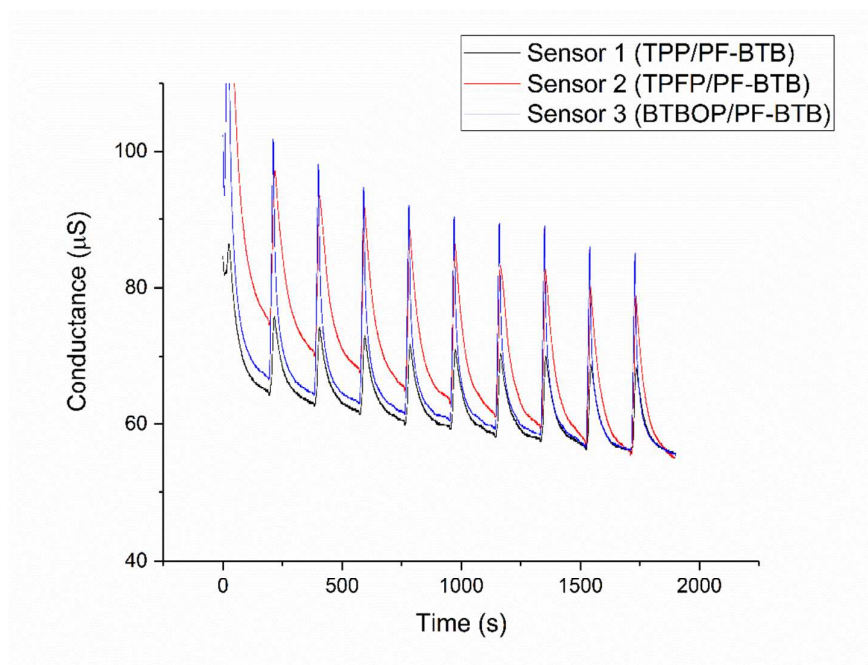
**Figure S3:** Conductance output for M3 (Marlboro).



**Figure S4:** Conductance output for M4 (Marlboro Blue Ice).

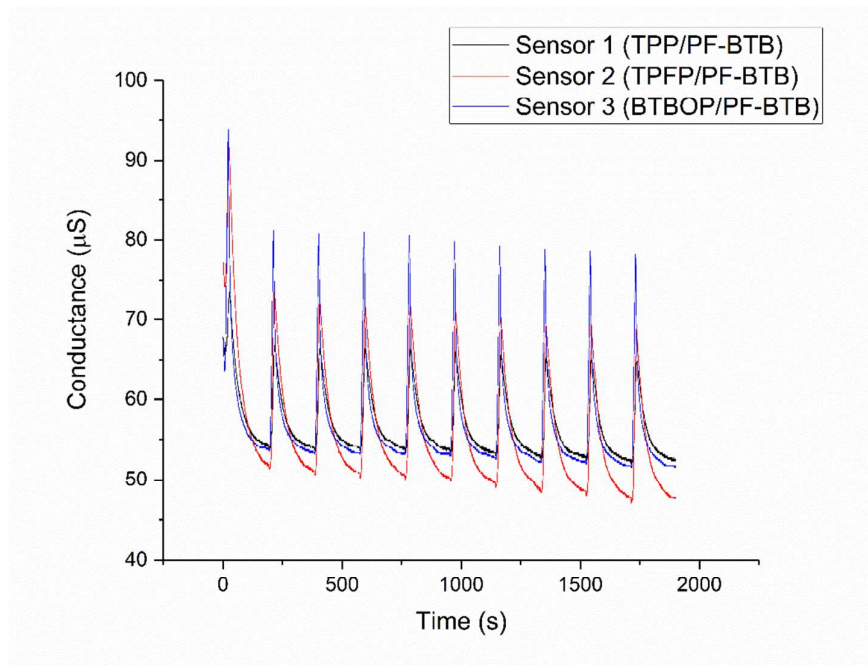


**Figure S5:** Conductance output for M5 (Marlboro Fresh Mint).

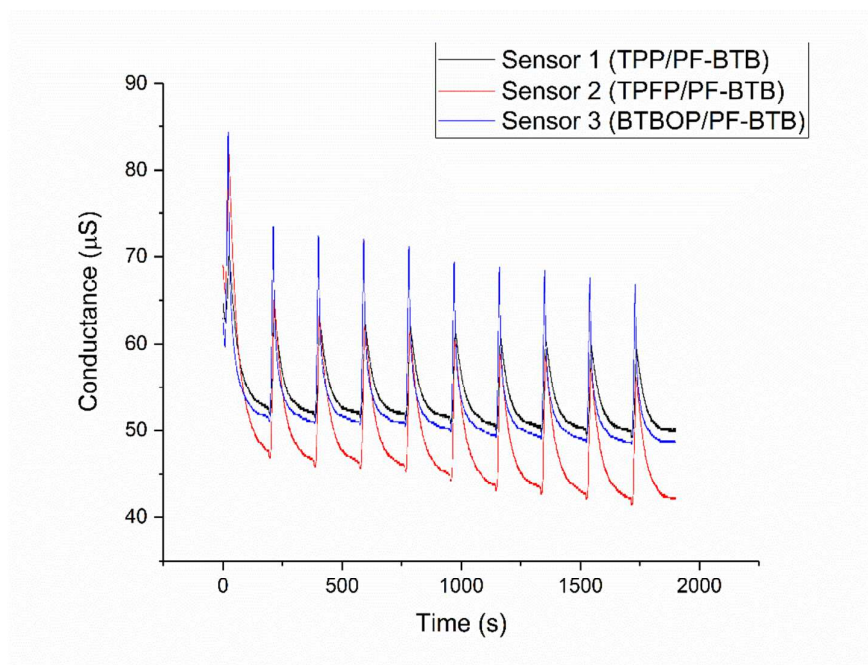


**Figure S6:** Conductance output for S1 (Dunhill).





**Figure S7:** Conductance output for S2 (Lucky Strike).



**Figure S8:** Conductance output for S3 (Derby).