

## **Humidity-resistant and room temperature carbon soot @ZIF-67 composite sensor for acetone vapour detection**

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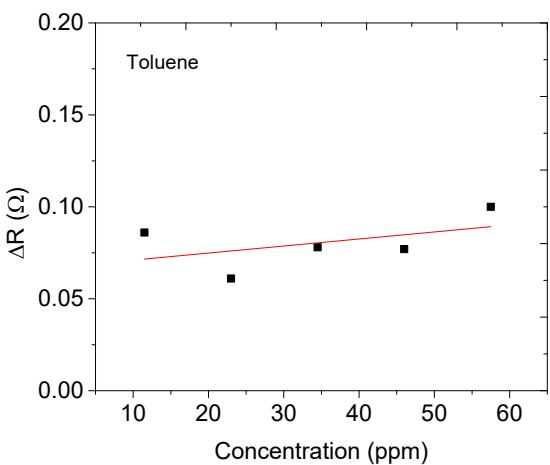
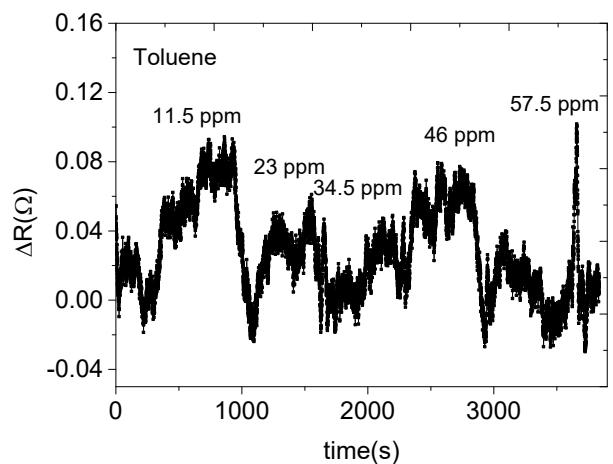
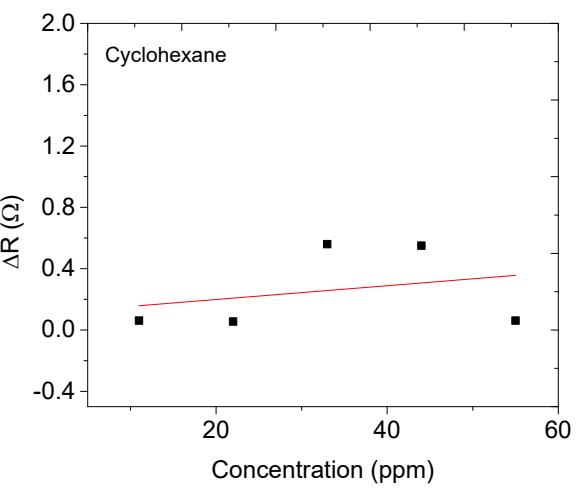
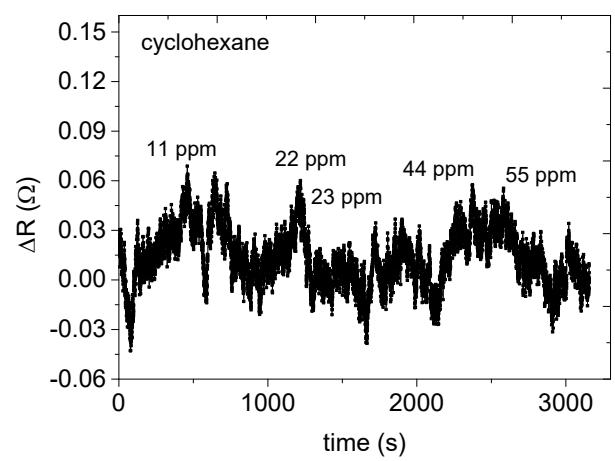
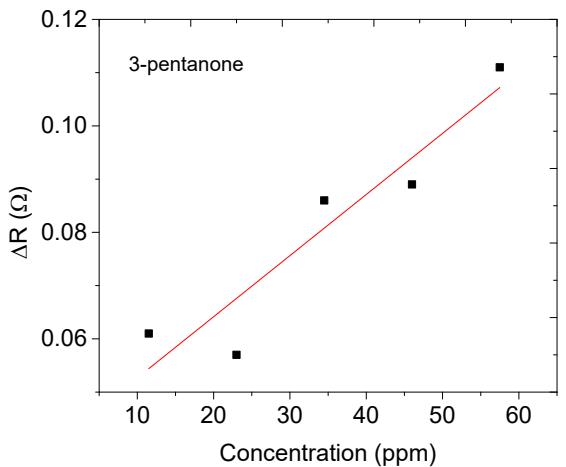
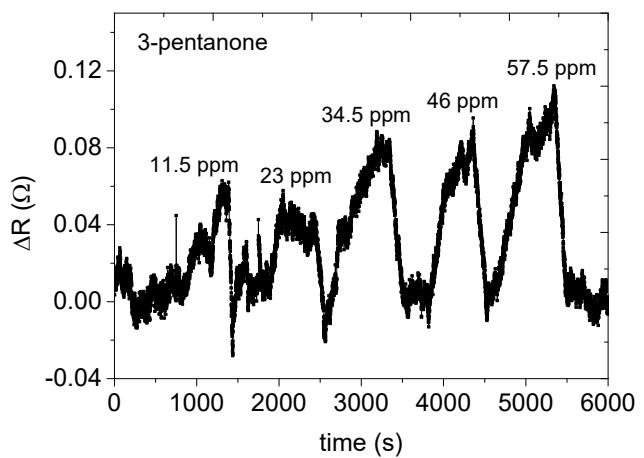
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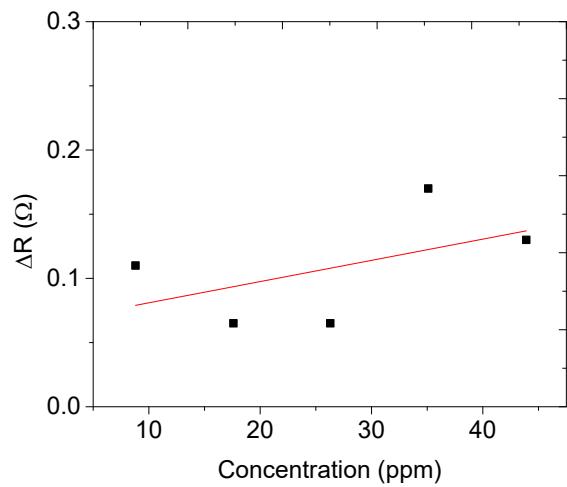
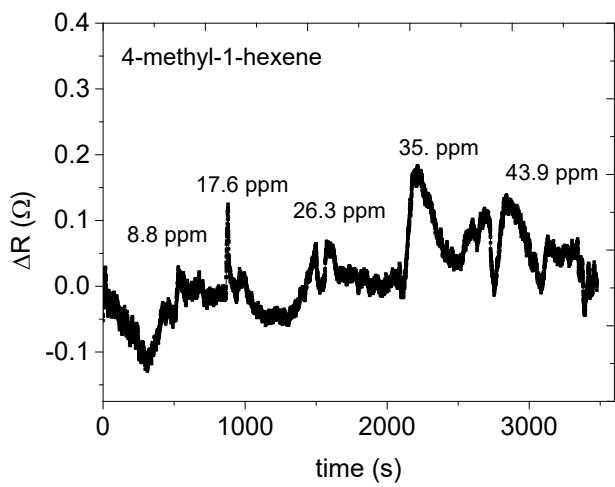
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## **Supporting document**

**Fig S1** Responses for all sensors against various analytes vapour are presented below.

### **A      Response of sensor 2 (Sensor-based on only CNPs)**





## B Sensor 3 is based on CNP/ZIF-67

