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## Figure legends:

**Figure S1** SEM figure of the sample synthesized with indium chloride as precursor.

**Figure S2** Response of different amount of NaCl of the sensors to 100 ppm acetone as a function of the working temperature.

Figure S3 dynamic response-recovery curves of all sensors at 240 °C.

**Figure S4** The response profile of all the sensors towards different gases (concentration: 100 ppm) at 240 °C.



**Figure S1** SEM figure of the sample synthesized with indium chloride as precursor.

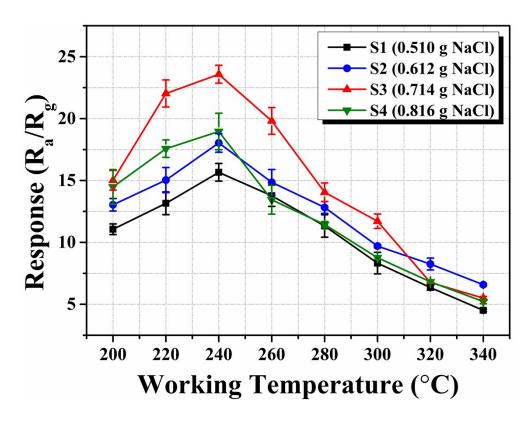
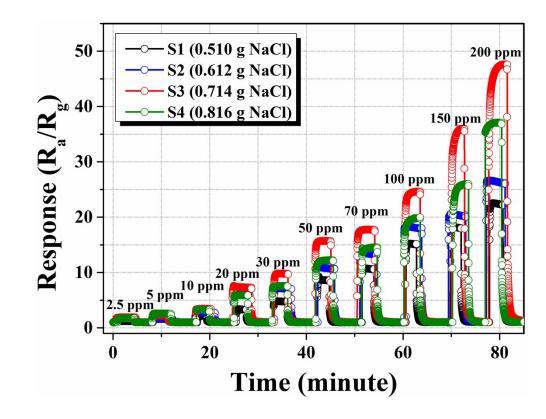


Figure S2 Response of different amount of NaCl of the sensors to 100 ppm

acetone as a function of the working temperature.



**Figure S3** dynamic response-recovery curves of all sensors at 240 °C (100 ppm acetone).

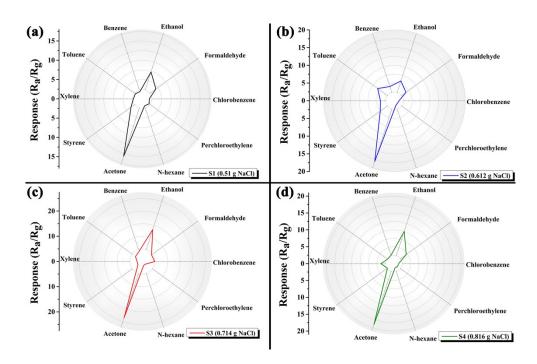


Figure S4 The response profile of all the sensors towards different gases

(concentration: 100 ppm) at 240 °C.