



**Figure 1:** Dynamic sensor response of a 50 nm  $MoO_x$  film deposited at 275 °C: a) complete measurement against six different concentrations of  $H_2$  (5000–35000 ppm) and two different exposure times (1 and 15 min) and b) a more detailed view of the 15 min 25000 ppm  $H_2$  pulse along with the extracted sensor performance. The measurements were done at 120 °C.[3]

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