

Supplementary Data

Rapid and On-site Analysis of Illegal Drugs on the Nano-Microscale Using a Deep Ultraviolet–Visible Reflected Optical Fiber Sensor

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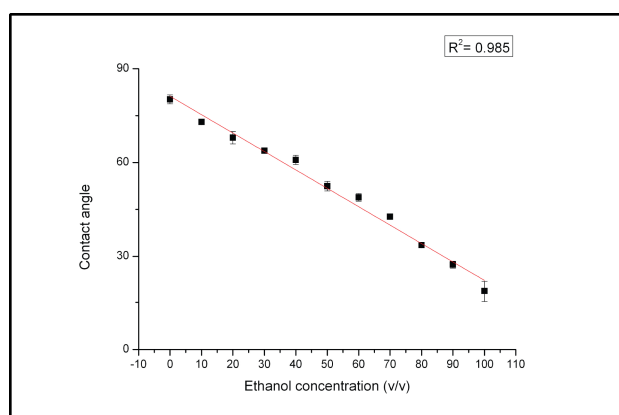


Figure S1. Contact angle of ethanol solutions to quartz glass with different concentrations. The contact angle decreased linearly as the ethanol concentration was increased.

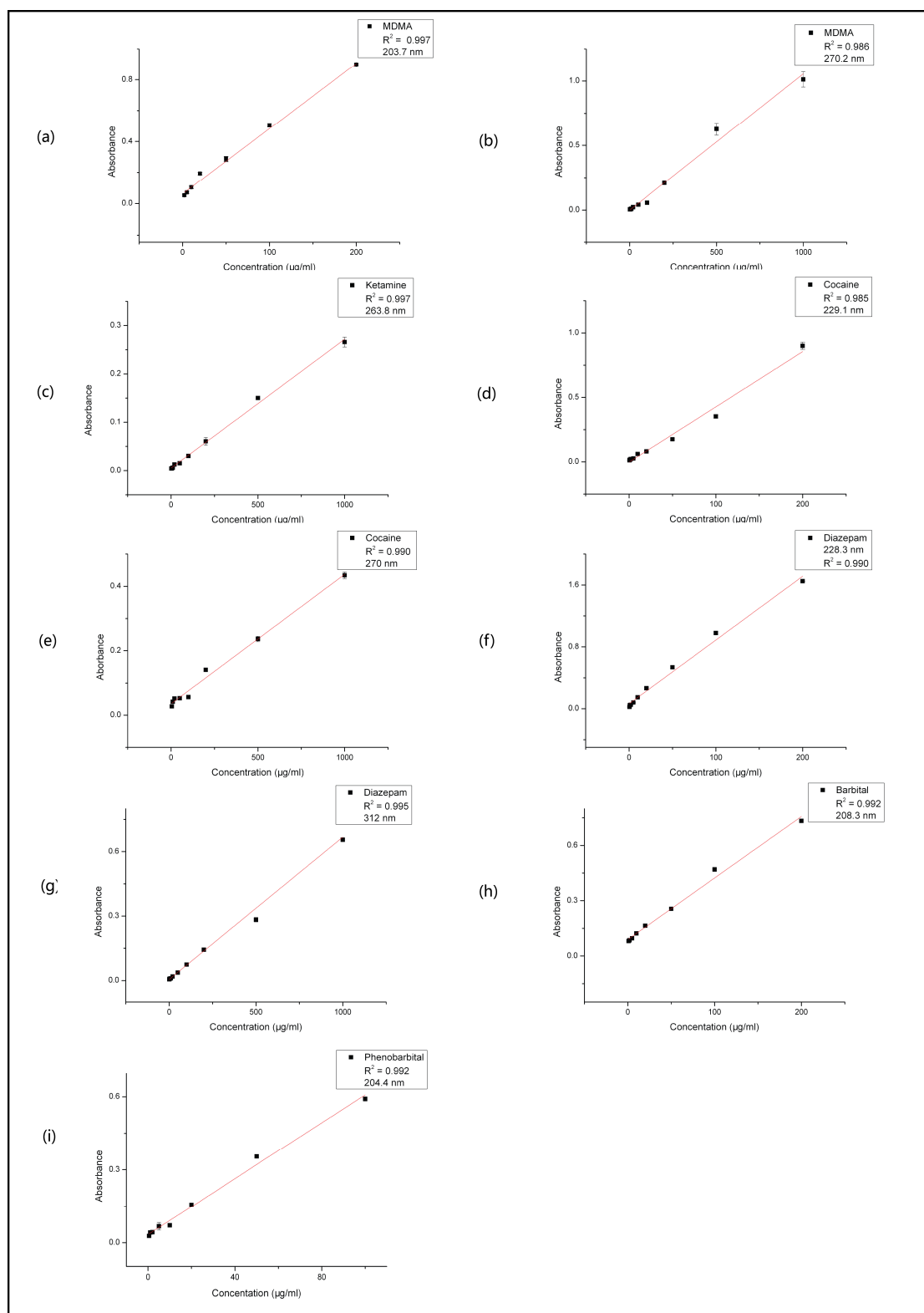


Figure S2. The linear response of each drug based on its specific absorbance peak. (a) MDMA at 203.7 nm; (b) MDMA at 270.2 nm; (c) ketamine at 263.8 nm; (d) cocaine at 229.1 nm; (e) cocaine at 270.0 nm; (f) diazepam at 228.3 nm; (g) diazepam at 312.0 nm; (h) barbitol at 208.3 nm; (i) phenobarbital at 204.4 nm.