

## Supplementary Information

### Synthesis and Surface Functionalization of Gold Microtubes for SERS Detection of Dyes

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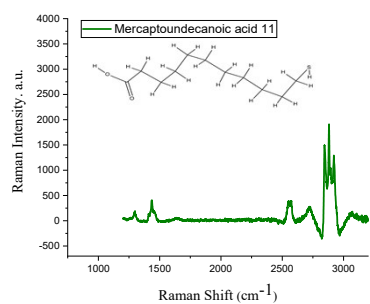


Figure S1. AuMUA11 after insufficient washing