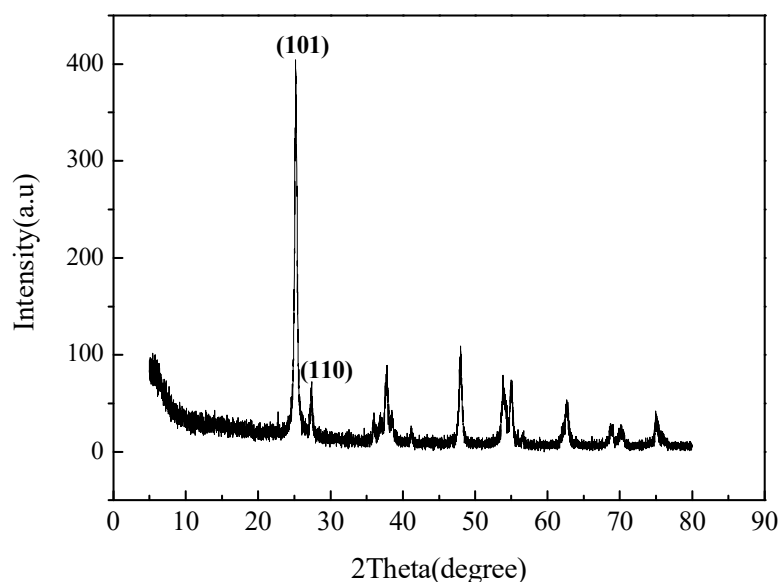


# Electrochemical In Situ Fabrication of Titanium Dioxide Nanotubes on a Titanium Wire as a Fiber Coating for Solid-Phase Microextraction of Polycyclic Aromatic Hydrocarbons

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**Figure S1** XRD patterns of TiO<sub>2</sub>NTs

In the X-ray diffraction(XRD) image of TiO<sub>2</sub>NTs, diffraction peaks at 25.2<sup>0</sup> and 27.3<sup>0</sup> are the characteristic diffraction peaks of 101 lattice plane of anatase and 110 lattice plane of rutile. It can be seen from Fig.S1, the crystalline structures of TiO<sub>2</sub>NTs obtained by in-situ anodization of Ti wire was almost all anatase type.

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