Supporting Information for:

Improved ATR-FTIR Detection of Hydrocarbons in Water with Semi-Crystalline Polyolefin Coatings on ATR Elements

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Figure S1. Photographs of polymer coatings on ZnSe elements.



Figure S2. Photographs of swelling of (a) LPF, (b) LPE, (c) LPC, (d) LPB, (e) LPA, (f), LPD pellet type in toluene for 2 h.



Figure S3. Various swelling capacity with toluene, diesel, and crude oil corresponding to different crystalline temperature of different each LLDPE sample.