**Supporting Information**

**Construction of a QCM sensor for detecting** **diethylstilbestrol in water based on the computational design of molecularly imprinted polymers**

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Fig. S1 Response time of the QCM sensor tested in DES standard solutions (200 ng/mL).

Table S1 Cycling performance of the sensor tested in the water samples (50 ng/mL).

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| --- | --- | --- | --- |
| Times | Response values (Hz) | Concentrations (ng/mL) | Recovery rates (%) |
| 1 | -101.54 | 48.47 | 96.94 |
| 2 | -100.64 | 47.96 | 95.92 |
| 3 | -99.58 | 47.36 | 94.72 |
| 4 | -98.56 | 46.78 | 93.57 |
| 5 | -97.56 | 46.22 | 92.43 |
| 6 | -96.18 | 45.44 | 90.87 |
| 7 | -95.37 | 44.98 | 89.96 |