

Figure

Figure S1. UV-visible spectra for Ludox with different concentrations of the solid phase: (a) SM with $d_{av} = 7$ nm, (b) HS with $d_{av} = 12$ nm, (c) TM with $d_{av} = 22$ nm;

Figure S2. Thermal diffusivity of various Ludox with different concentrations of the solid phase measured by the TLS (Equations 10 and 2; lines,) and heat-flow method (Equations 14; crosses): (a) SM with $d_{av} = 7$ nm, (b) HS with $d_{av} = 12$ nm, (c) TM with $d_{av} = 22$ nm.

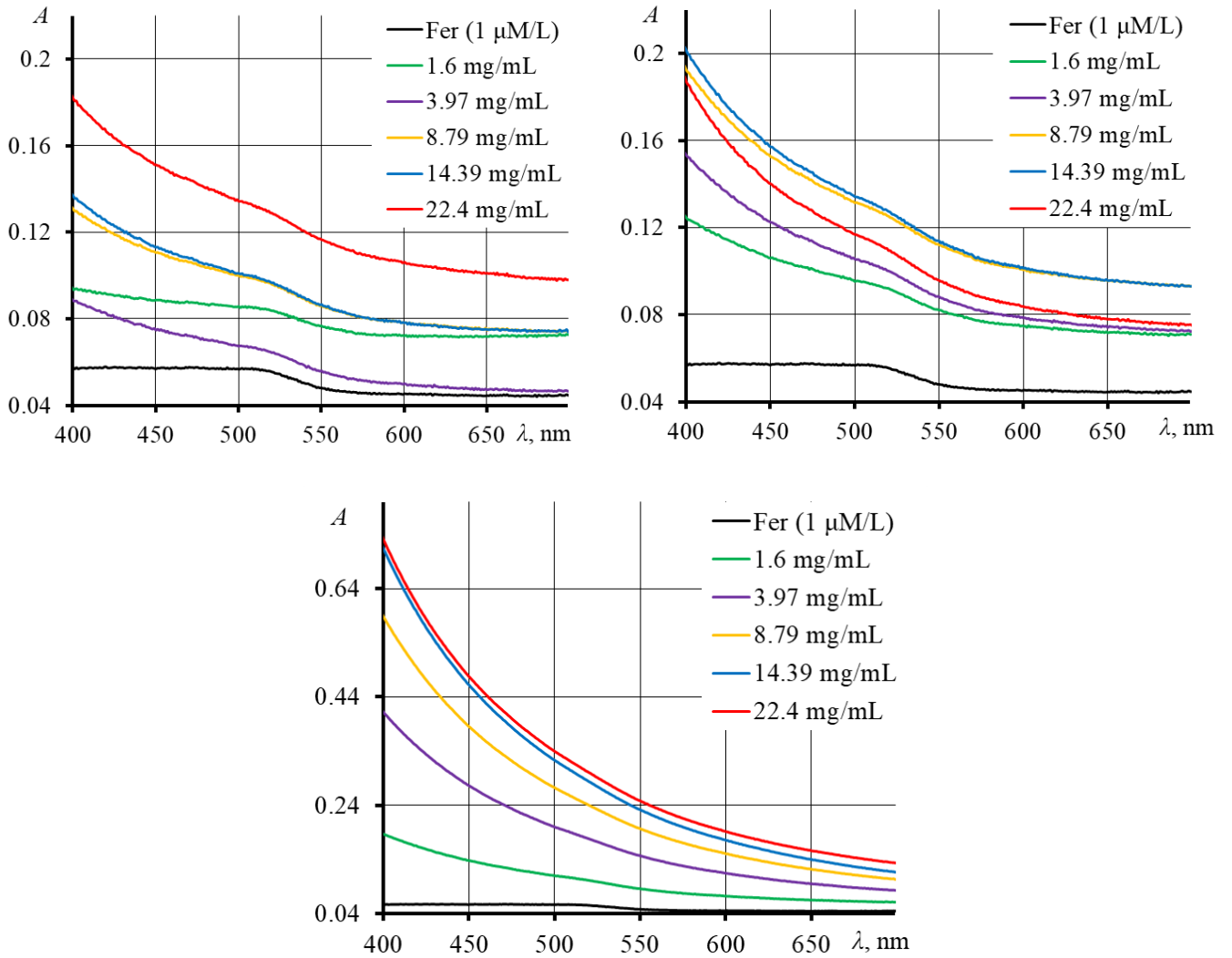
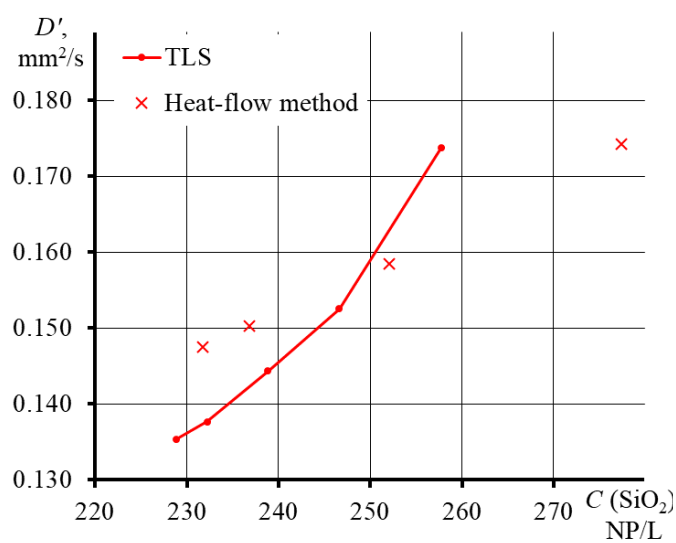
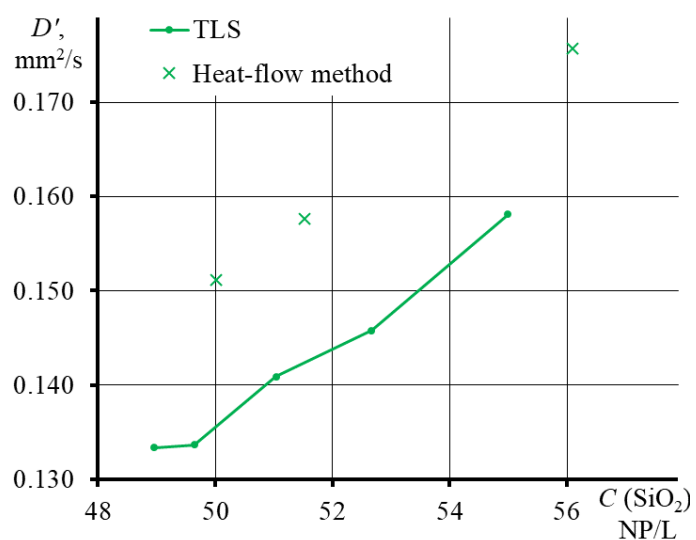


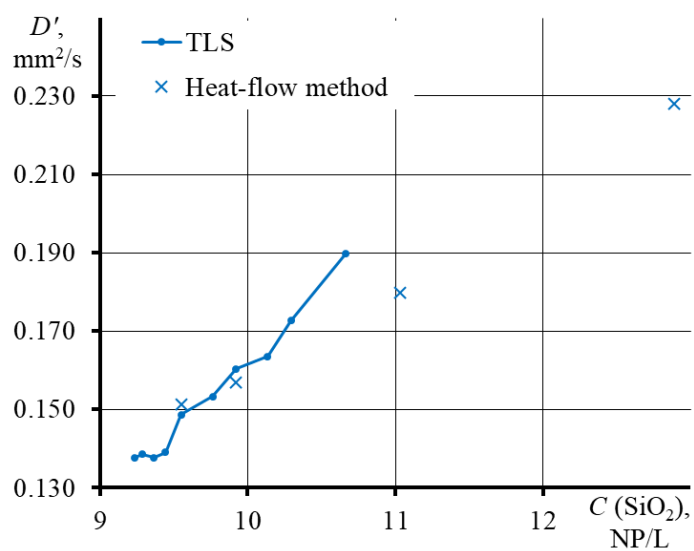
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(a)



(b)



(c)

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