

Supplementary materials

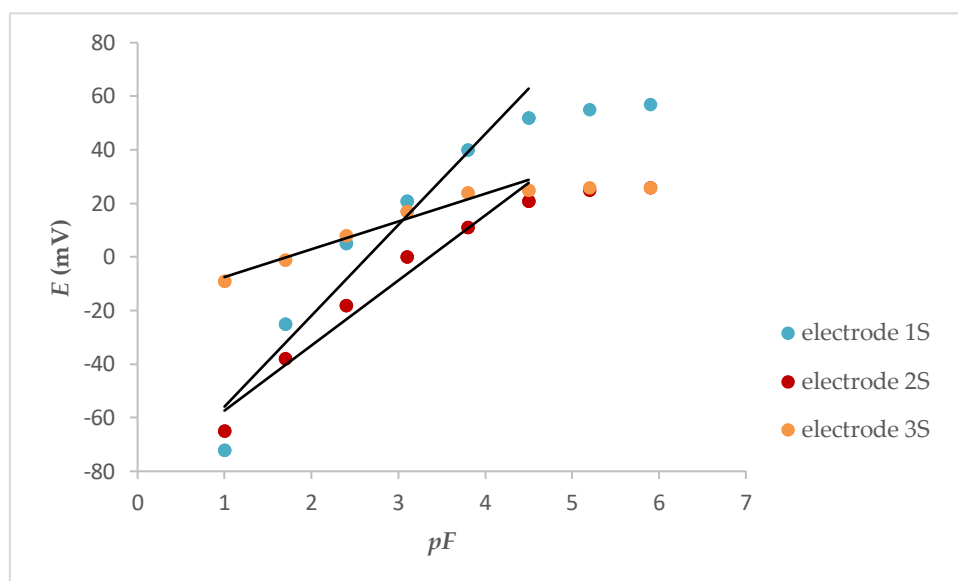


Figure S1. Potentiometric response of internal solid contact LaF_3 electrodes before Fe_3O_4 NPs loading

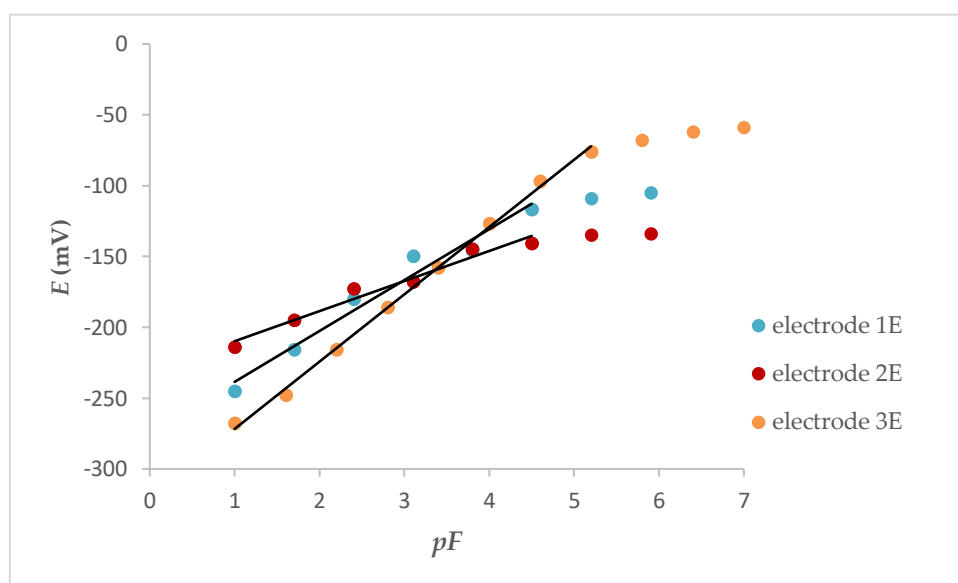


Figure S2. Potentiometric response of internal electrolyte contact LaF_3 electrodes before Fe_3O_4 NPs loading

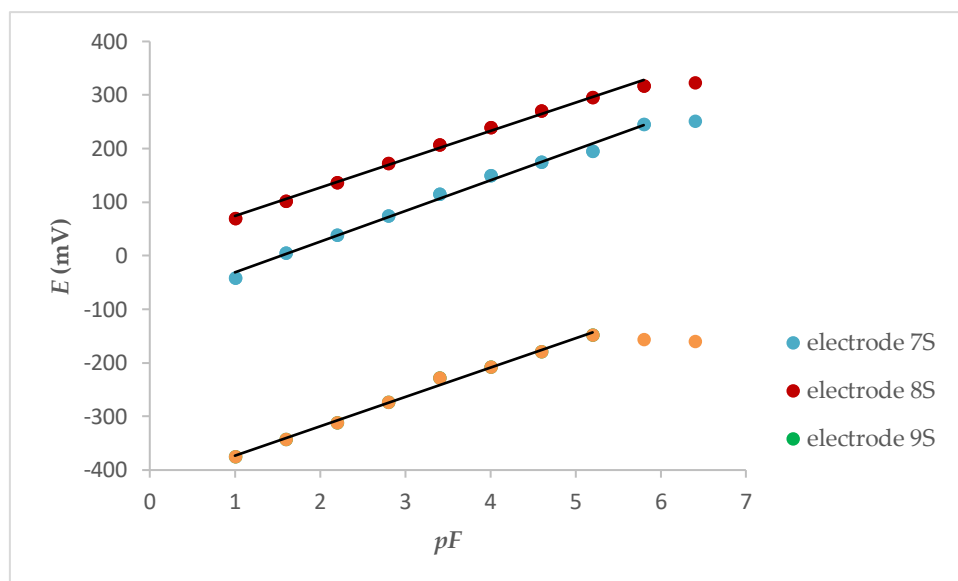


Figure S3. Potentiometric response of internal solid contact LaF_3 electrodes after washing Fe_3O_4 NPs out

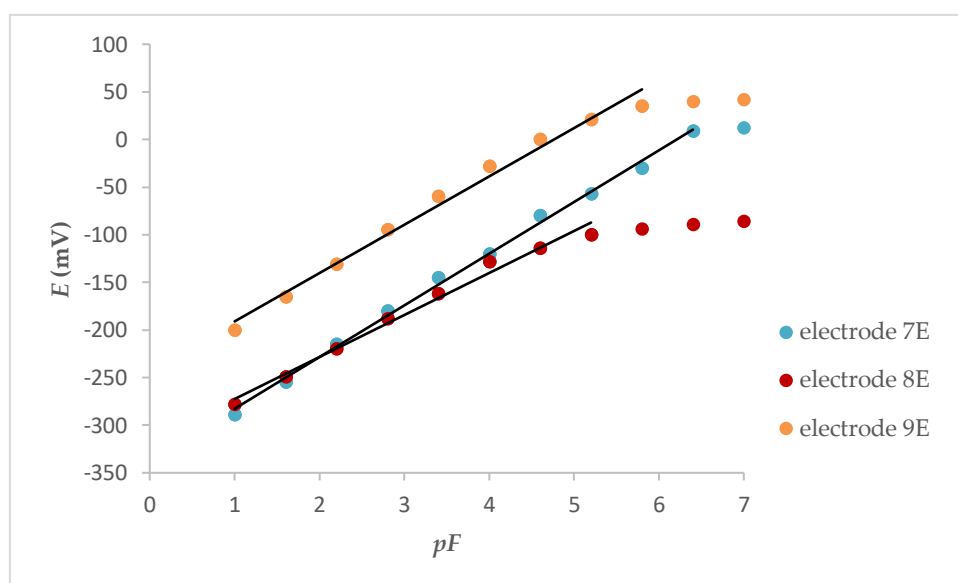


Figure S4. Potentiometric response of internal electrolyte contact LaF_3 electrodes after washing Fe_3O_4 NPs out

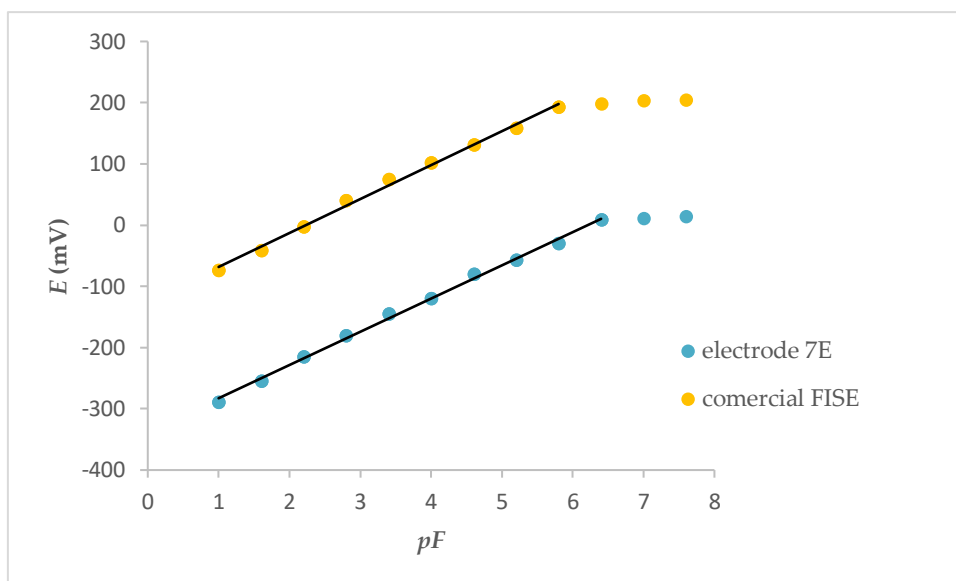


Figure S5. Calibration curves for fluoride determination with 7E and comercial FISE