

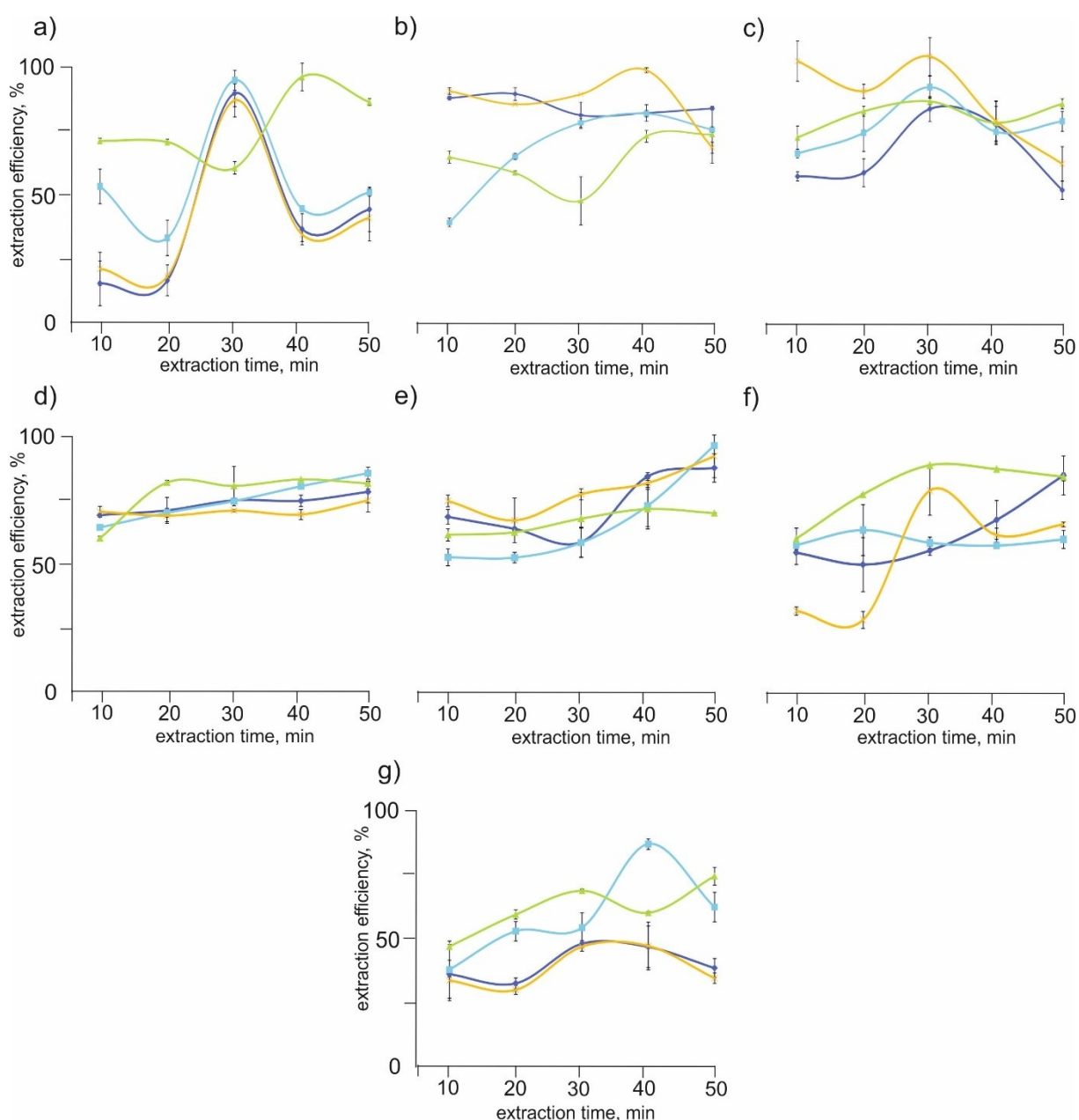
## New solvents for metal extraction – NADES. Prediction and optimization of efficient extraction of selected metals by ICP-MS/MS

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**Fig.S1** Influence of extraction time on extraction efficiency of metals from barley grass: a) ChCl: citric acid (1:1), b) ChCl: glucose (2:1), c) ChCl: glycerol (1:2), d) betaine: citric acid (1:1), e) betaine: glucose (2:1), f) betaine: glycerol (2:1), g)  $\beta$ -alanine: citric acid (monitored isotopes: <sup>63</sup>Cu – blue line, <sup>66</sup>Zn – green line, <sup>55</sup>Mn – dark blue line, <sup>95</sup>Mo – orange line), t = 30 min, 60% of water