

Table S5 Comparison of lutein contents determined by conventional saponification and electrochemical sensing–conversion factor T strategy (n = 3)

Section	Saponified lutein (mg/g)	Electrochemically determined lutein dipalmitate (mg/g)	Lutein dimyristate (mg/g)	Lutein myristate-palmitate (mg/g)	Lutein palmitate-stearate (mg/g)	Calculated lutein content (mg/g)
1	73.84	48.35	18.04	35.32	12.17	62.86
2	71.60	48.06	18.43	34.99	11.92	62.61
3	69.74	47.81	18.18	34.78	12.38	62.42
Mean ± SD	71.73 ± 2.06	48.07 ± 0.27	18.22 ± 0.20	35.03 ± 0.27	12.16 ± 0.23	62.63 ± 0.22