Supplementary Materials

Table S1. Overview of physical and chemical properties of the substances propofol[20], β-CD[14] and HPβCD[21].

Substances	Molecular weight	Melting point	Boiling point	*p*Ka Value
Propofol	178,14 g/mol	13 °C	256 °C	11,1
β-Cyclodextrin	1134,99 g/mol	290 °C	-	-
HPβCD	1541,55 g/mol	278 °C	-	-

Table S2. Calculations for the cytotoxicity tests and the comet assay.

Propofol dose	26 mg/kg = 26 µg/g
mouse weight	25 g
Dose of Propofol/Maus	25g * 26 µg/g = 650 µg/maus
H_2O-Volume of mice	25g * 78 % = 19,5 ml
Propofol concentration	650 µg/Maus / 19,5 mL = 33,3 µg/mL
Na-Propofolat/HPβCD concentration	33,3 µg/mL * 15,15 = 504,5 µg/mL
Propofol/HPβCD concentration	33,3 µg/mL * 15,15 = 504,5 µg/mL
HPβCD concentration	504,5 µg/mL - 33,3 µg/ml = 471,2 µg/mL

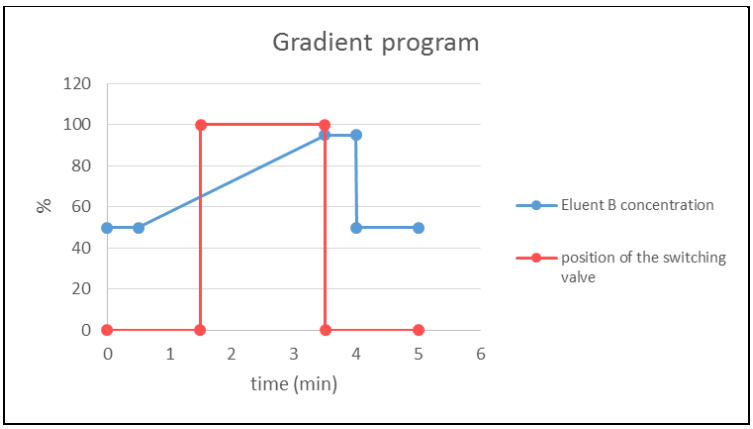

Figure S1. Gradient program for the elution of propofol; t R = 2.340 min.