

Supplementary material

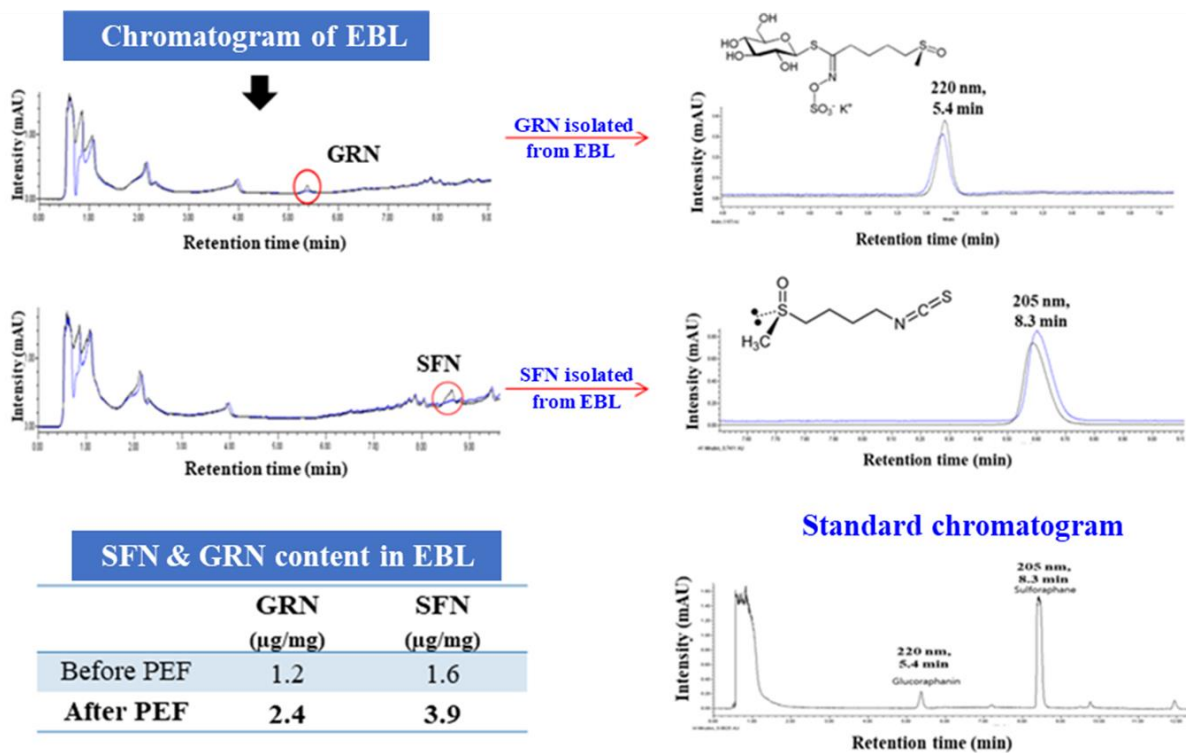


Figure S1. UPLC analysis of EBL.

The UPLC analysis was performed to determine the presence of SFN and GRN in EBL. The retention time of SFN and GRN, isolated from the broccoli leaves were matched with the standard chromatogram. The concentrations of SFN and GRN in the freeze-dried broccoli powder were $3.99 \pm 0.09 \mu\text{g}/\text{mg}$ and $2.46 \pm 0.2 \mu\text{g}/\text{mg}$ respectively. The results confirmed that EBL prepared by PEF treatment contained SFN and GRN.