

Supplementary Information

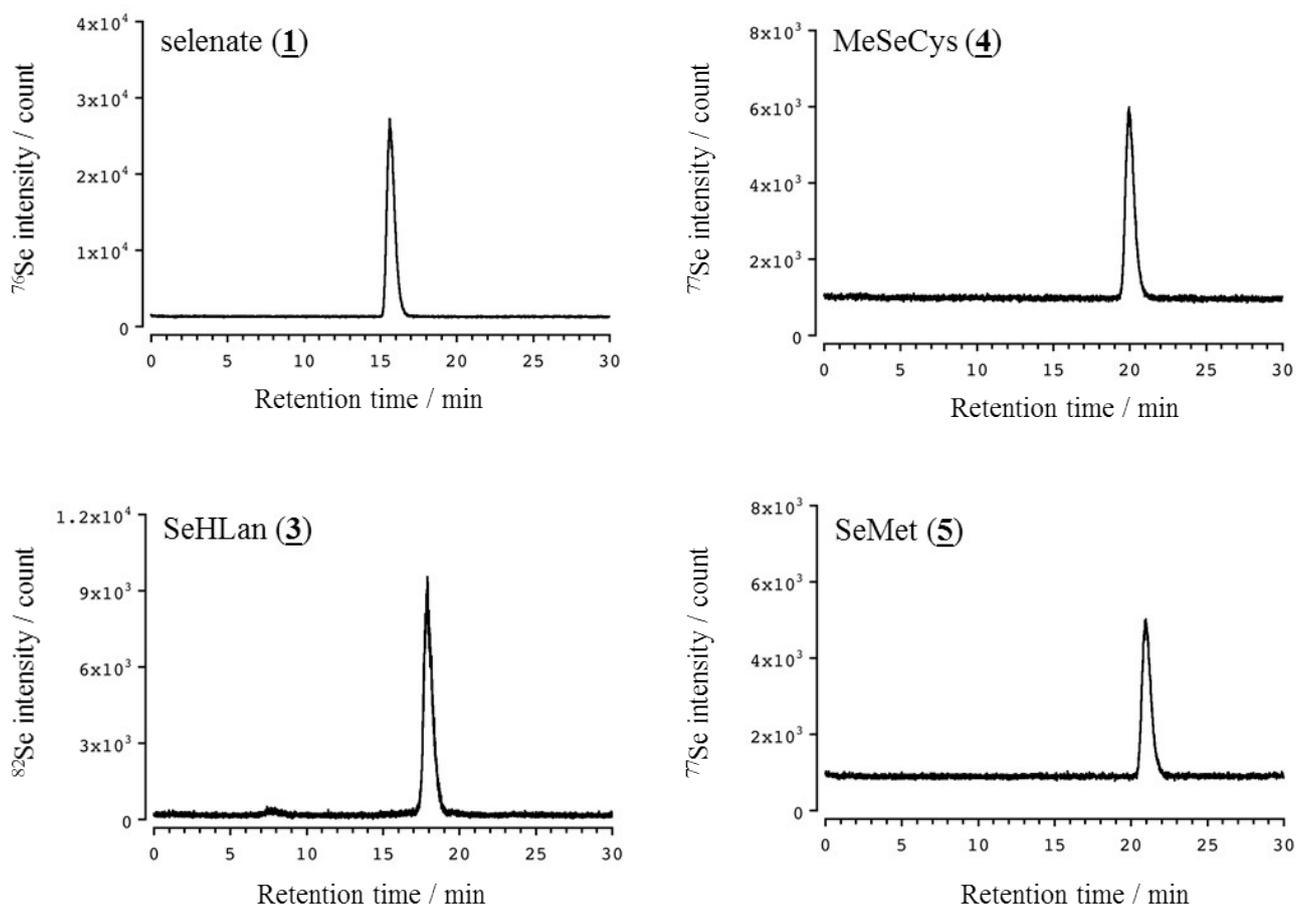


Figure S1. Elution profiles of Se in each $1.0 \mu\text{g Se mL}^{-1}$ solution of selenate (1), SeHLan (3), MeSeCys (4) and SeMet (5). The standard solution was applied to HPLC equipped with a multi-mode size exclusion HPLC column (GS-320HQ). The column was eluted with 50 mM ammonium acetate, pH 6.5, at the flow rate of 0.6 mL min^{-1} . The eluate was directly introduced into the nebulizer of ICP-MS to detect Se at m/z 76, 77 or 88 for monitoring of Se.