Improved identification and quantitation of mature endogenous peptides in the rodent hypothalamus using a rapid conductive sample heating system

Ning Yang, Krishna D. B. Anapindi, Elena V. Romanova, Stanislav S. Rubakhin, Jonathan V. Sweedler*

Department of Chemistry and the Beckman Institute for Advanced Science and Technology, University of Illinois at Urbana-Champaign, Urbana 61801, United States.

Supplementary Information

Table of contents

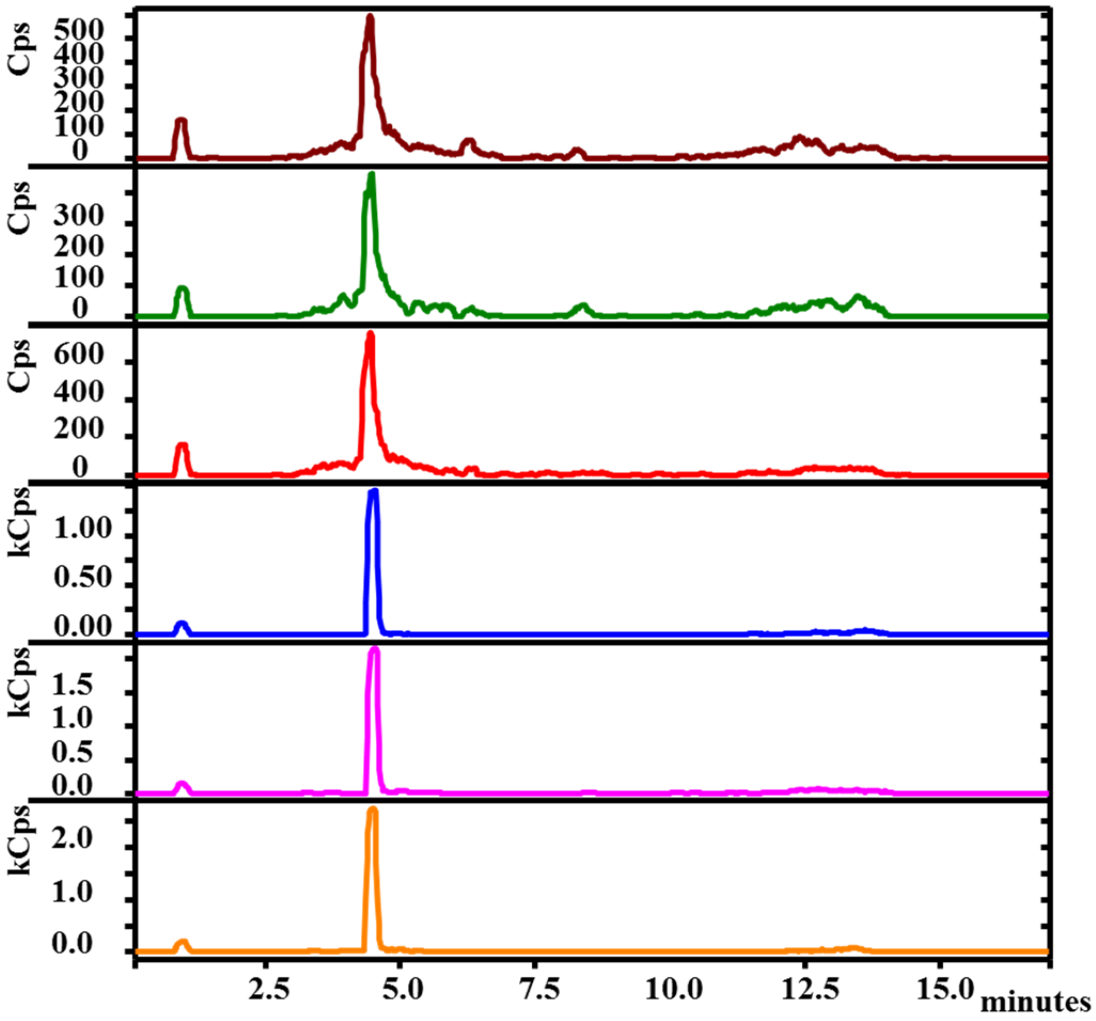

Fig. S1. MRM chromatograms of neuropeptide neuroVGF [488-507]. Higher background signals were observed in hot water-treated SCNs (top three panels) but not laser-treated SCNs (bottom three panels).

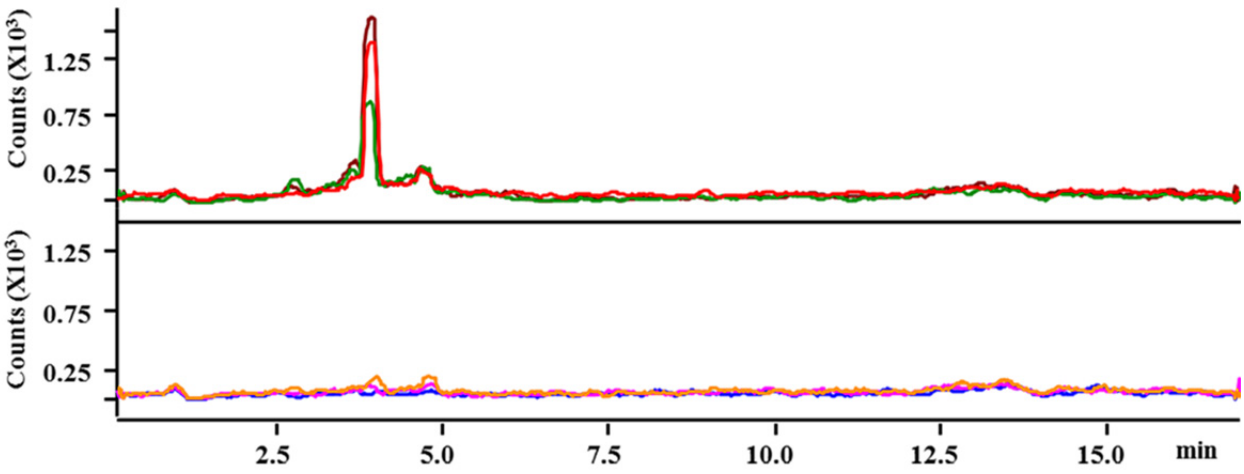

Fig. S2. MRM chromatograms of truncated proSAAS[62-76]-derived peptide, proSAAS[62-75]. Peaks of this C-terminal truncated peptide were only observed in hot water-treated SCNs (top panel) but not ST1-treated SCNs (bottom panel).