**Supplementary Figure 1.** HPLC profiles reflecting the purification of one of the lactam analogues of the secretin peptide,  $c[K^6,E^9][Y^{10}]sec(5-27)$  (4). Shown are representative A280 absorbance profiles of the crude products of synthesis on a semi-preparative reversed-phase column and the final product on an analytical reversed-phase column (inset). The positions of migration of the compound of interest are marked with arrowheads in the profiles. This compound had the expected mass by mass spectrometry.

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