S3 Fig. Typical semi-preparative HPLC chromatogram of crude [Nle^{14},^{124}I-Tyr^{40}-NH$_2$]Ex-4. UV-and radio-detectors were in series, with the radio-detector preceding the UV-detector. Numbers in the chromatograms refer to peak retention time in minutes. The product peak was collected in several fractions (based on the radio-trace and before entering the UV-detector), and fractions containing the pure product (as determined by analytical HPLC analysis of individual fractions) were pooled, trapped on a C8-SepPak and formulated in EtOH. Note that the peptide precursor [Nle^{14},Tyr^{40}-NH$_2$]Ex-4 elutes about 3 min earlier than the iodinated product [Nle^{14},^{124}I-Tyr^{40}-NH$_2$]Ex-4, enabling isolation of the pure radio-iodinated tracer in high specific activity.