

# Towards radiolabeled EGFR-specific peptides: Alternatives to GE11

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## Analytical HPLC chromatograms of 1 – 11

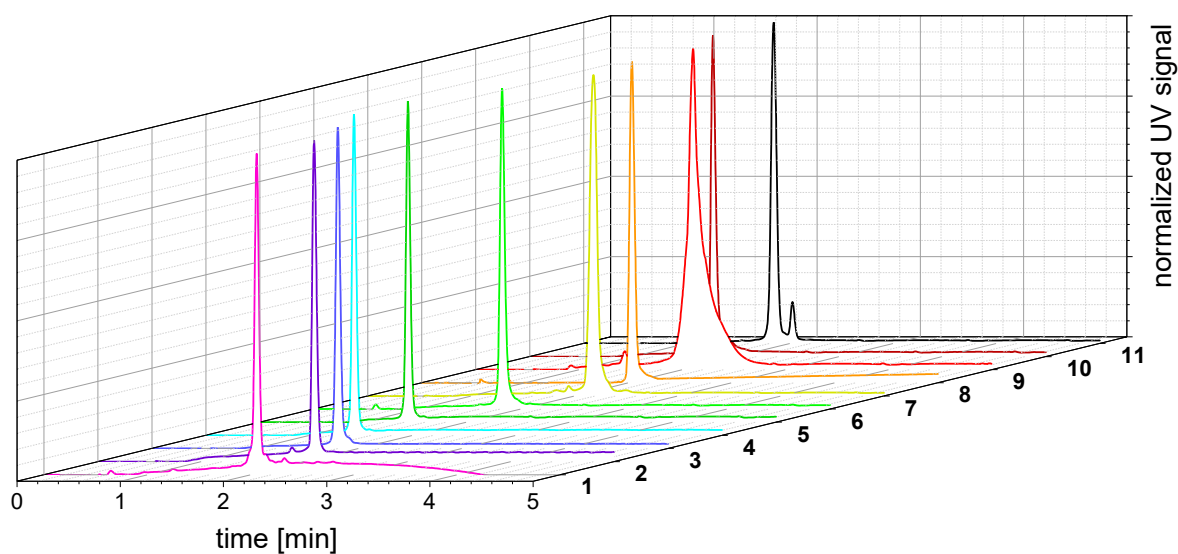


Figure S1: Analytical HPLC chromatograms of 1 – 11 after purification.

**Results of the determination of the stability of  $[^{68}\text{Ga}]\text{Ga-1}$  –  $[^{68}\text{Ga}]\text{Ga-11}$  in human serum (analytical radio-HPLC chromatograms of the tracers incubated for 0, 15, 30, 45, 60, 75 and 90 minutes with human serum)**

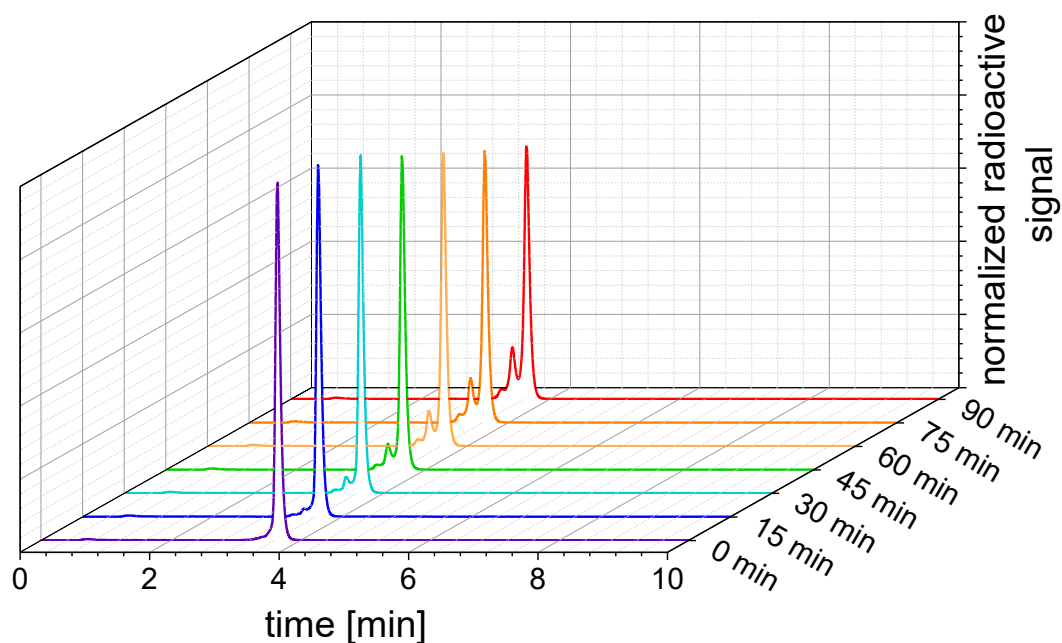


Figure S2: Analytical radio-HPLC chromatograms of  $[^{68}\text{Ga}]\text{Ga-1}$  at different time points of incubation with human serum.

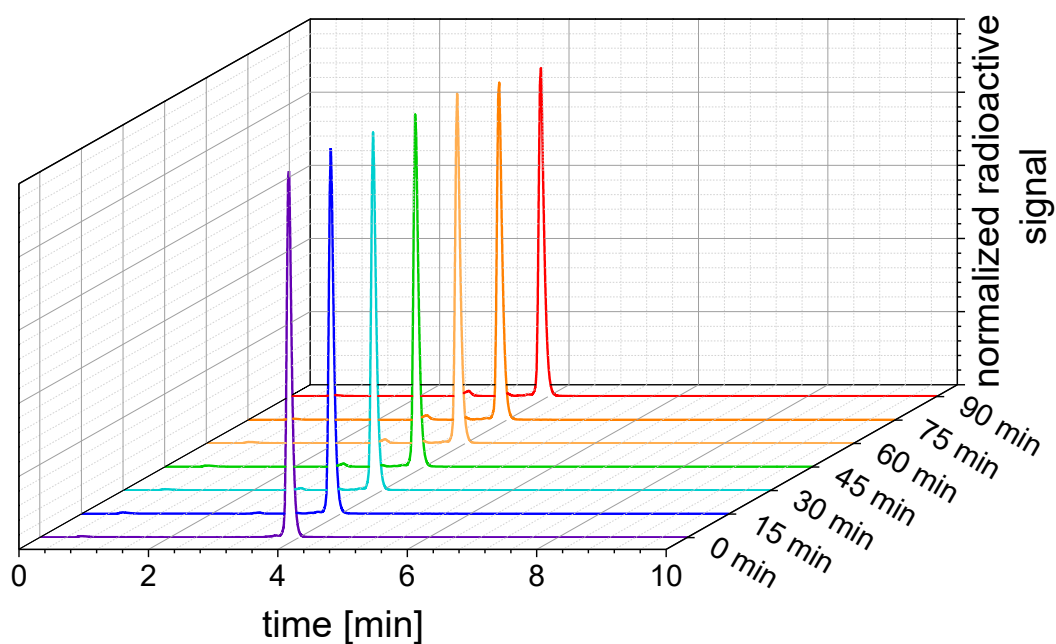


Figure S3: Analytical radio-HPLC chromatograms of  $[^{68}\text{Ga}]\text{Ga-2}$  at different time points of incubation with human serum.

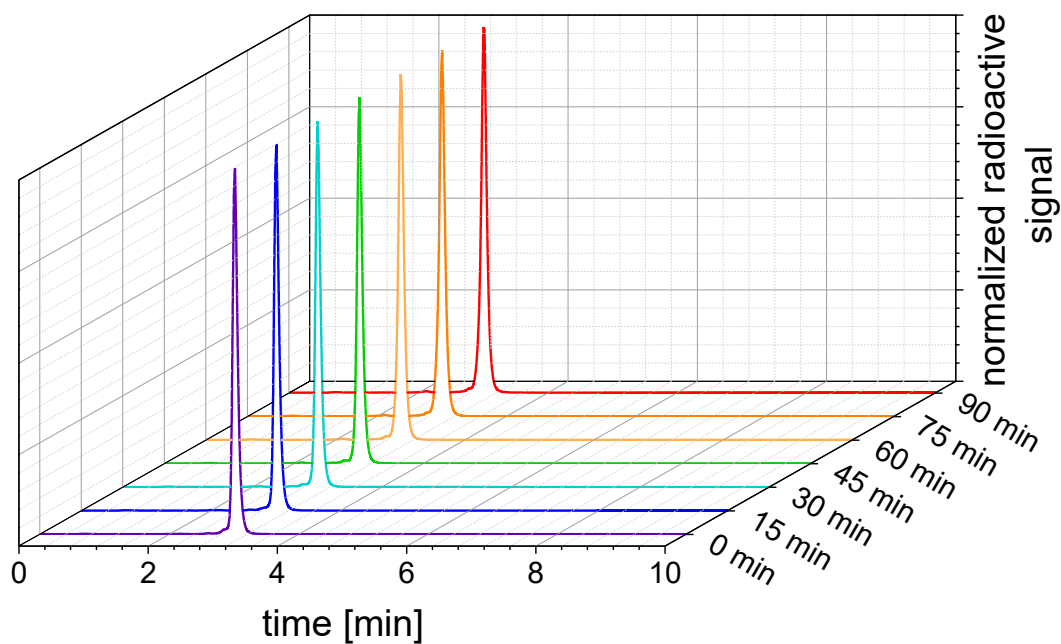


Figure S4: Analytical radio-HPLC chromatograms of  $[^{68}\text{Ga}]\text{Ga-3}$  at different time points of incubation with human serum.

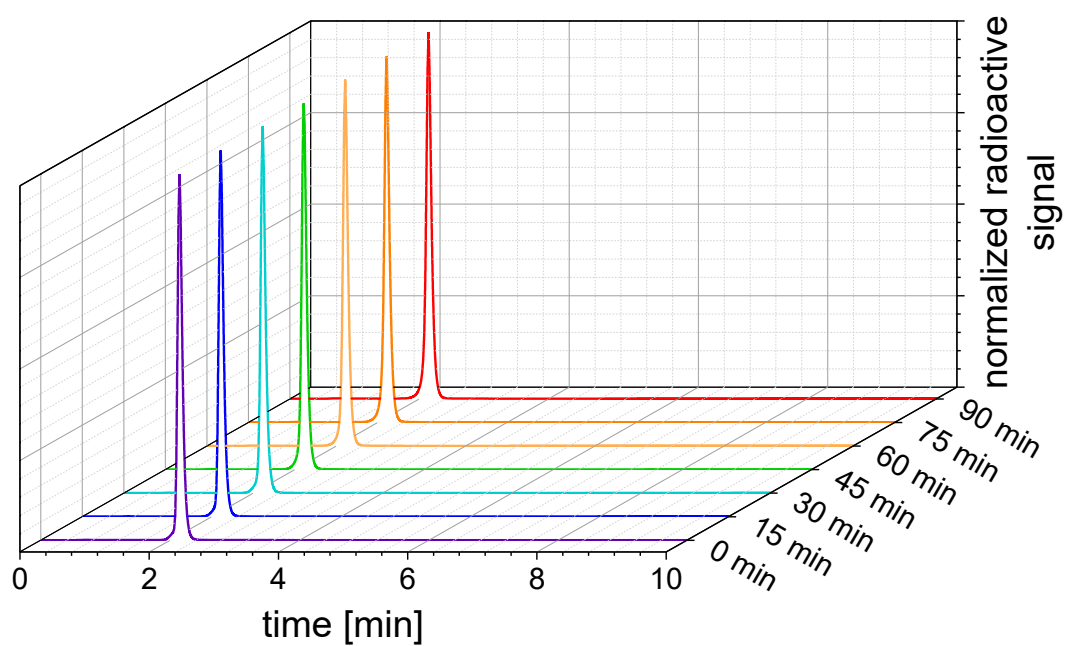


Figure S5: Analytical radio-HPLC chromatograms of  $[^{68}\text{Ga}]\text{Ga-4}$  at different time points of incubation with human serum.

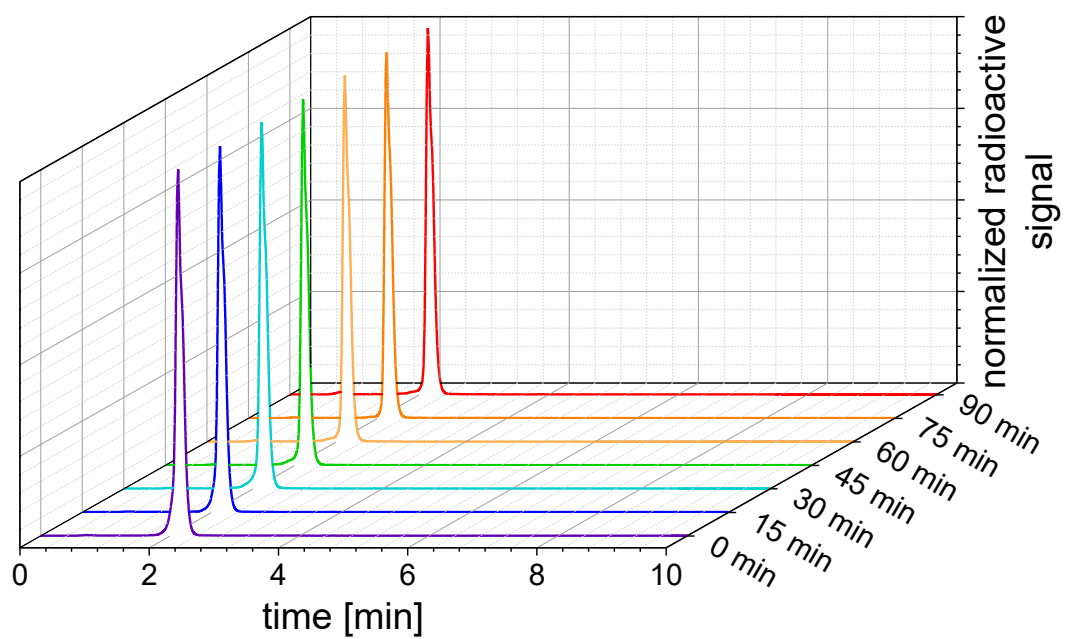


Figure S6: Analytical radio-HPLC chromatograms of  $[^{68}\text{Ga}]\text{Ga-5}$  at different time points of incubation with human serum.

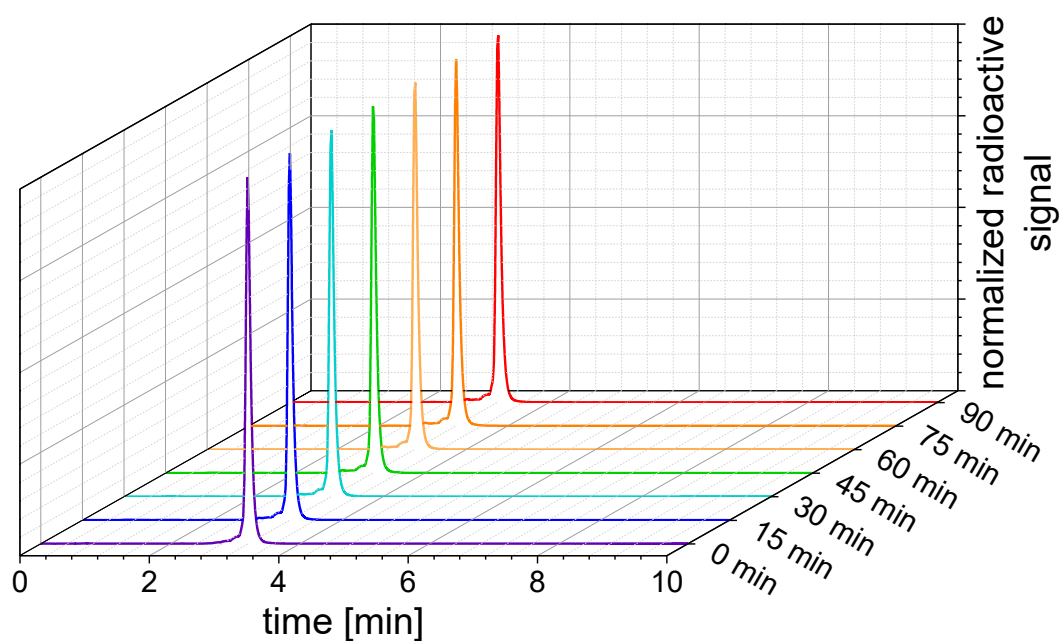


Figure S7: Analytical radio-HPLC chromatograms of  $[^{68}\text{Ga}]\text{Ga-6}$  at different time points of incubation with human serum.

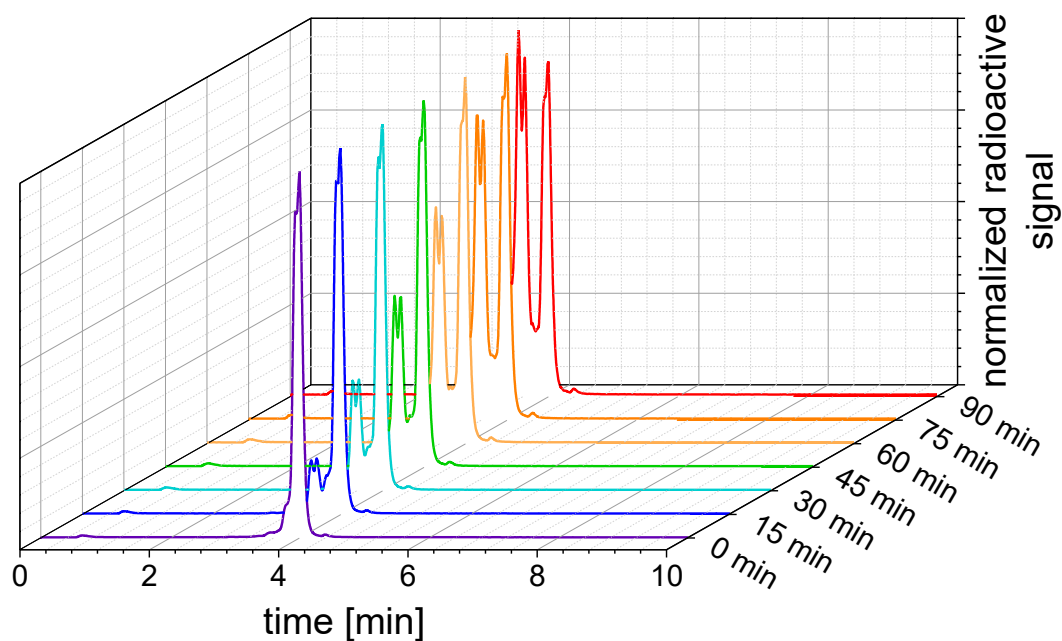


Figure S8: Analytical radio-HPLC chromatograms of  $[^{68}\text{Ga}]\text{Ga-7}$  at different time points of incubation with human serum.

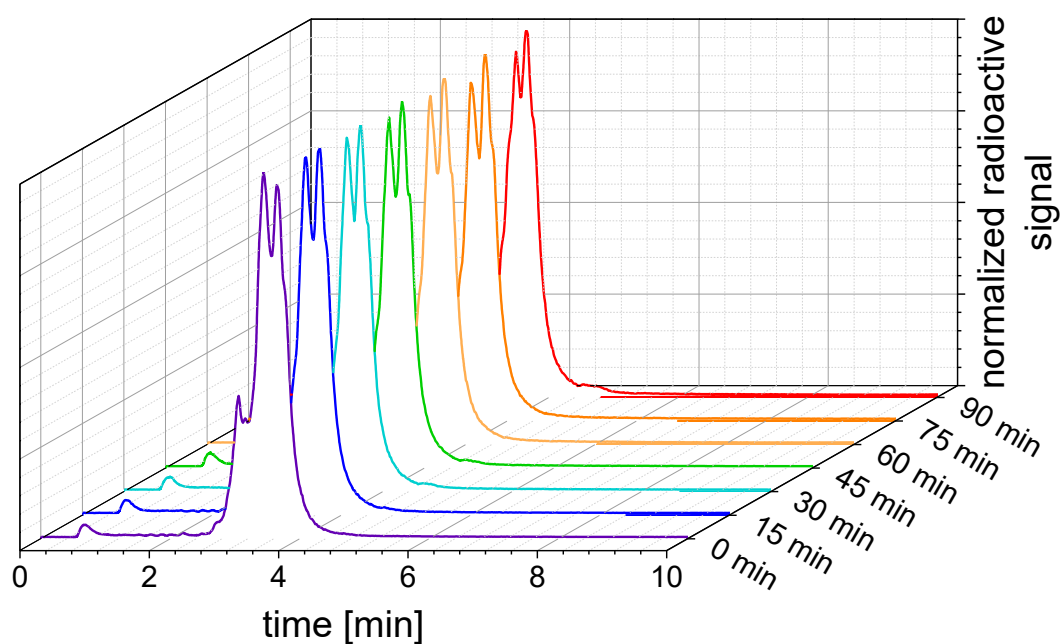


Figure S9: Analytical radio-HPLC chromatograms of  $[^{68}\text{Ga}]\text{Ga-8}$  at different time points of incubation with human serum.

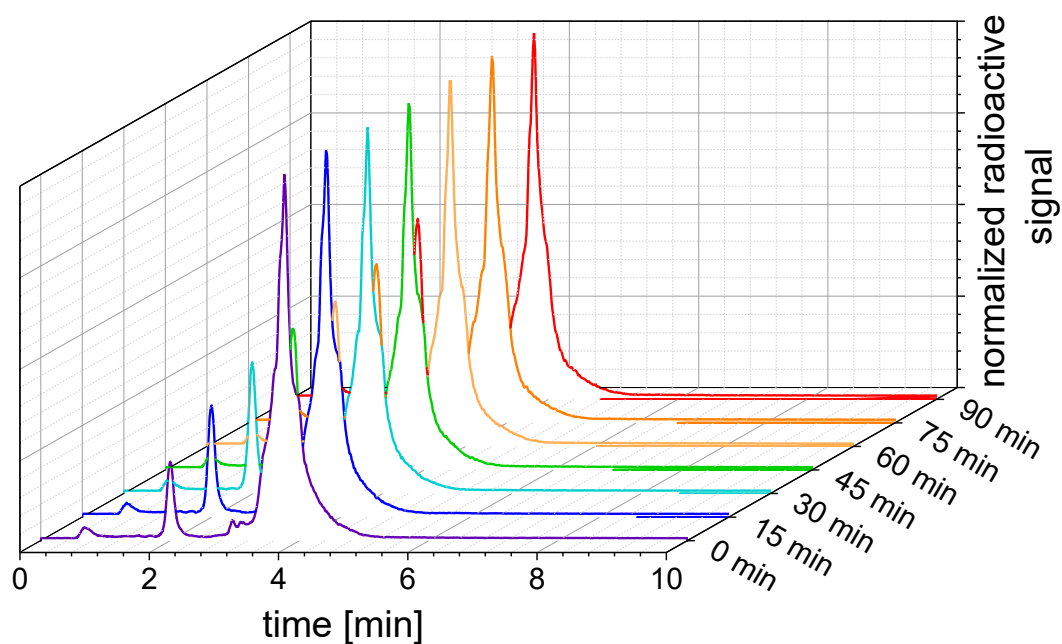


Figure S10: Analytical radio-HPLC chromatograms of  $[^{68}\text{Ga}]\text{Ga-9}$  at different time points of incubation with human serum.

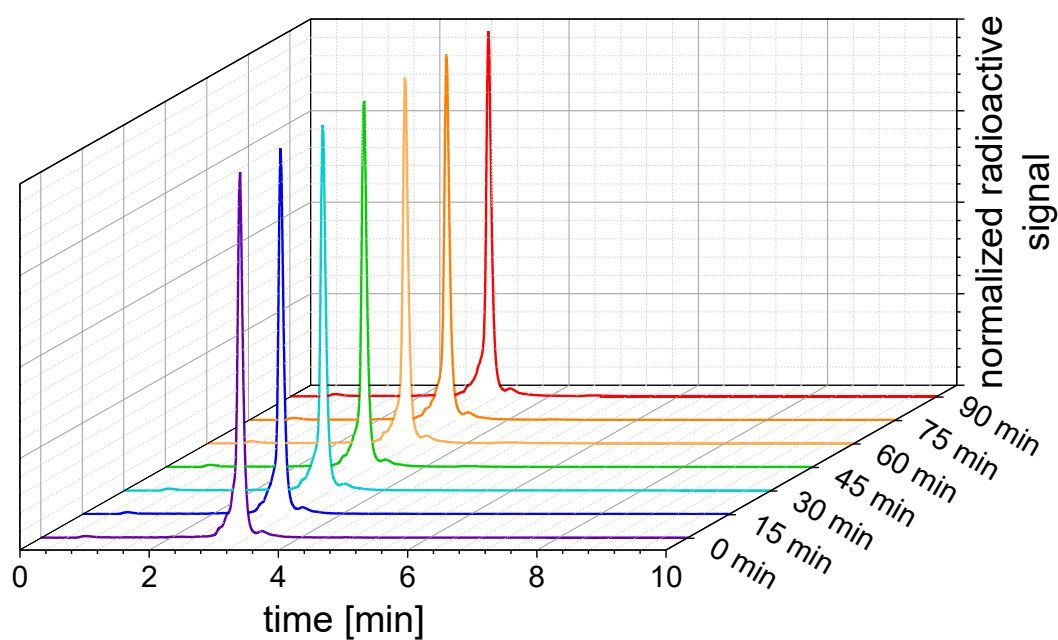


Figure S11: Analytical radio-HPLC chromatograms of  $[^{68}\text{Ga}]\text{Ga-10}$  at different time points of incubation with human serum.

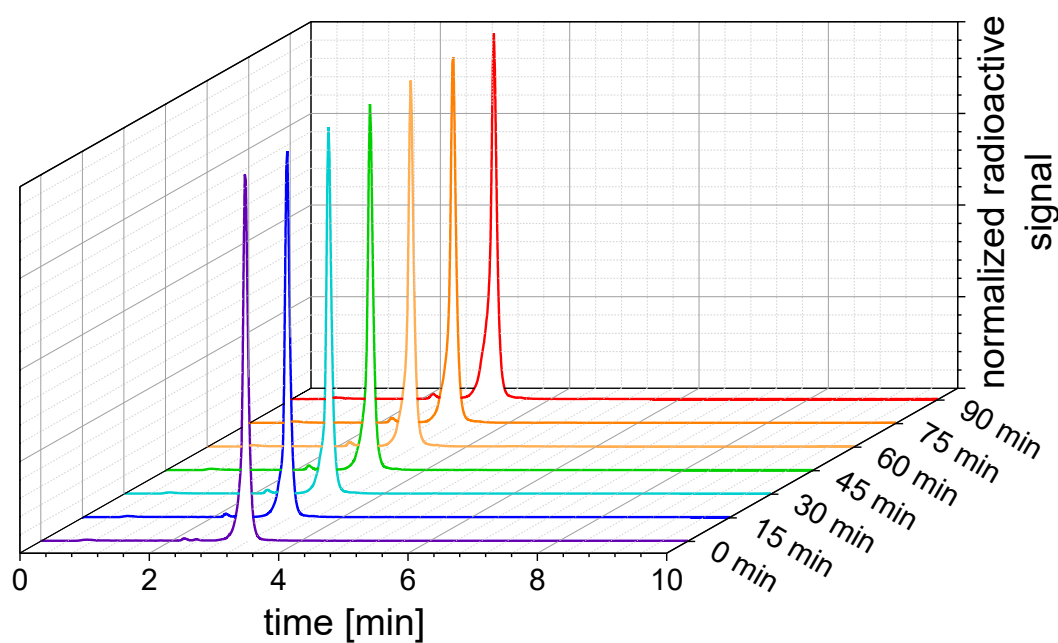


Figure S12: Analytical radio-HPLC chromatograms of  $[^{68}\text{Ga}]\text{Ga-11}$  at different time points of incubation with human serum.