Representative Pt-specific chromatograms (2 replicates superimposed) obtained for the analysis of female human plasma (3.0 mL) spiked with (A) cis-platin (0.024 mg Pt/mL plasma) and (B) carboplatin (0.12 mg Pt/mL plasma). The mixture was incubated at 37°C and samples were analyzed after 5 min (pink/purple), 3h (light and dark blue) and 24 h (light and dark green) on a Superdex 200 10/300 GL SEC column (30 x 1.0 cm I.D., 13 μm particle size) at 22 °C using PBS buffer (0.15 M, pH 7.4) as the mobile phase. Flow rate 1.0 mL/min, Injection volume 500 μL, Detector: ICP-AES at 214.423 nm (Pt). The retention times of the molecular markers are depicted on top of the figure.