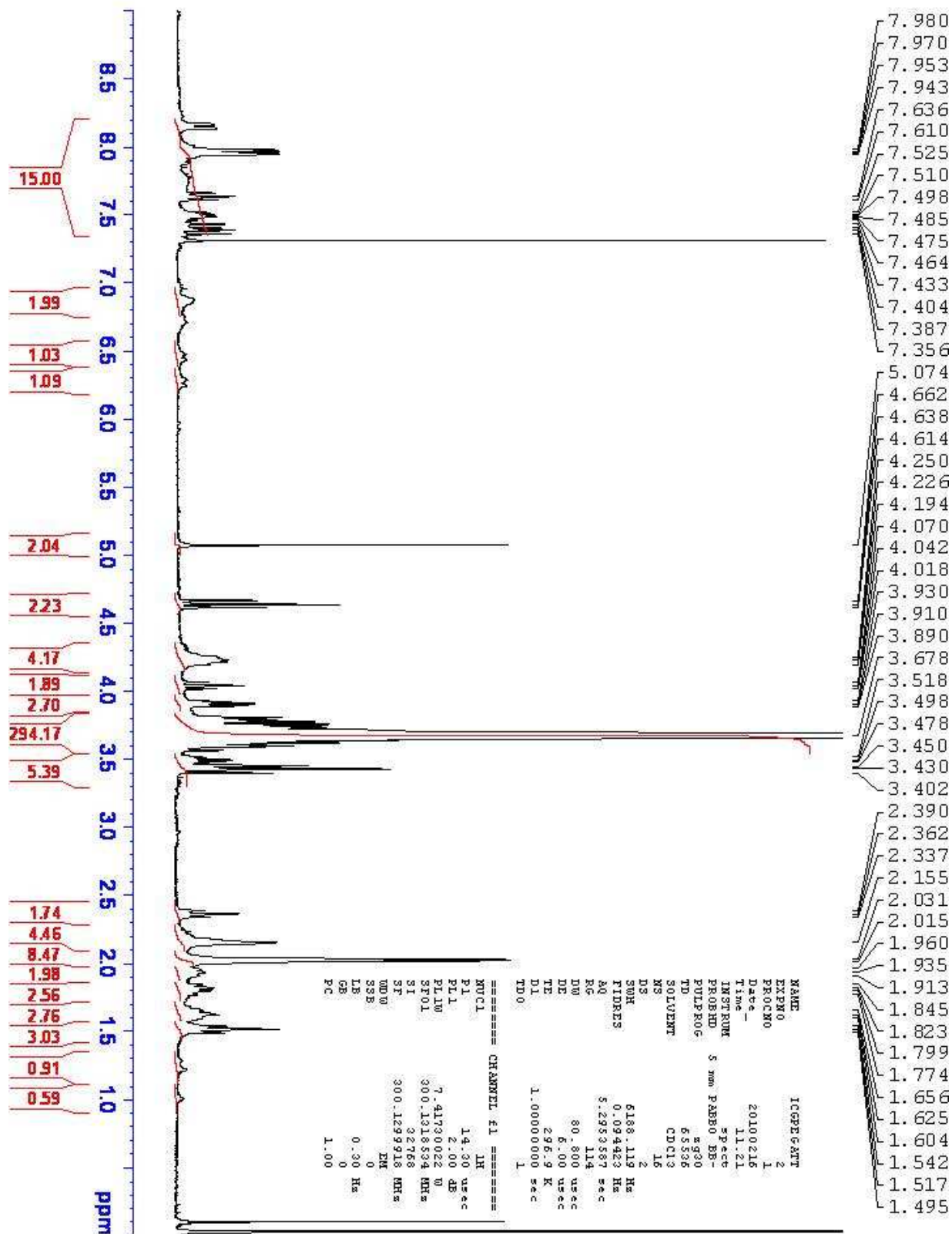


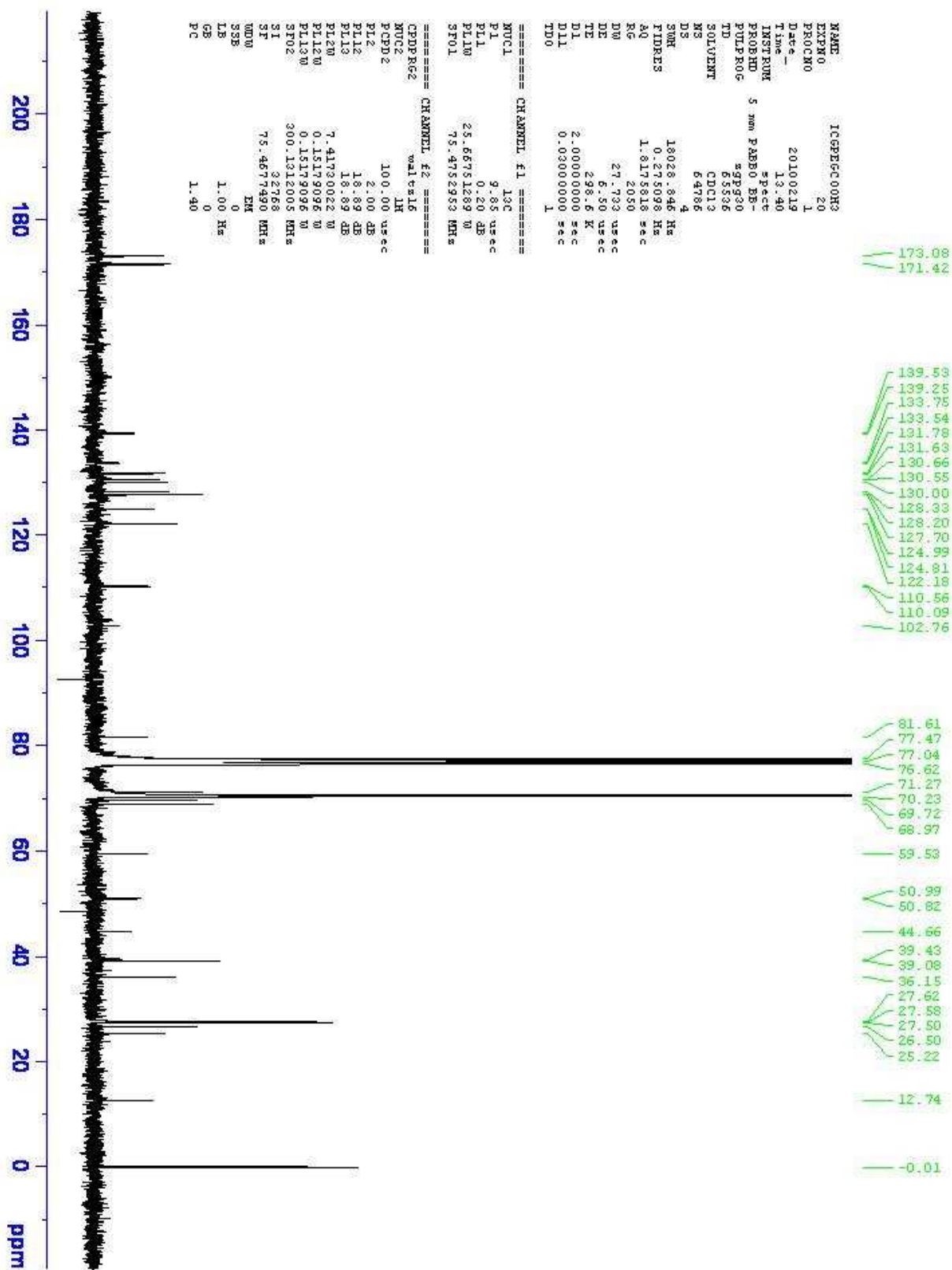
Supplementary Information

Improved Speciation Characteristics of PEGylated Indocyanine Green-Labeled Panitumumab: Revisiting the Solution and Spectroscopic Properties of a Near-Infrared Emitting anti-HER1 Antibody for Optical Imaging of Cancer

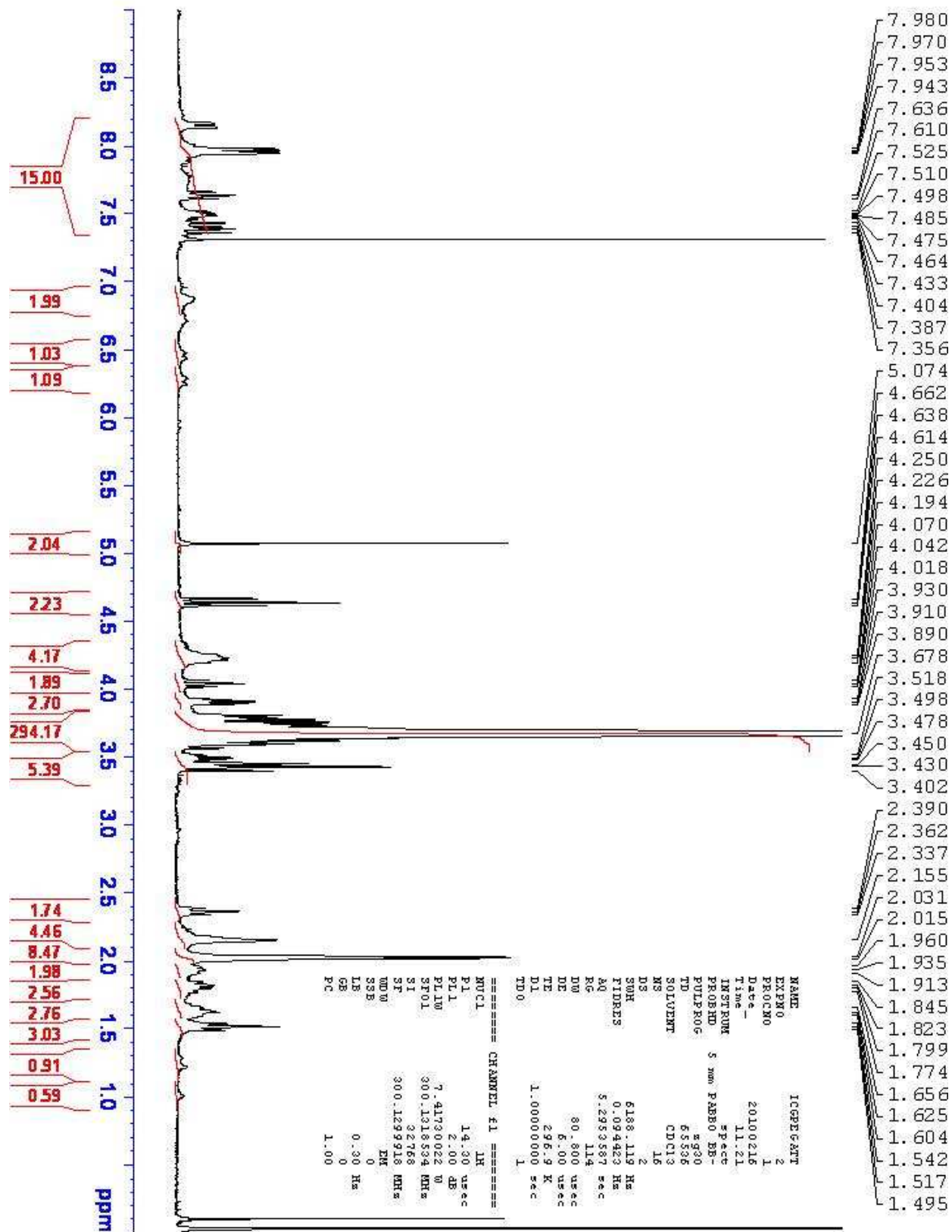
Aaron Joseph L. Villaraza, Diane E. Milenic, and Martin W. Brechbiel



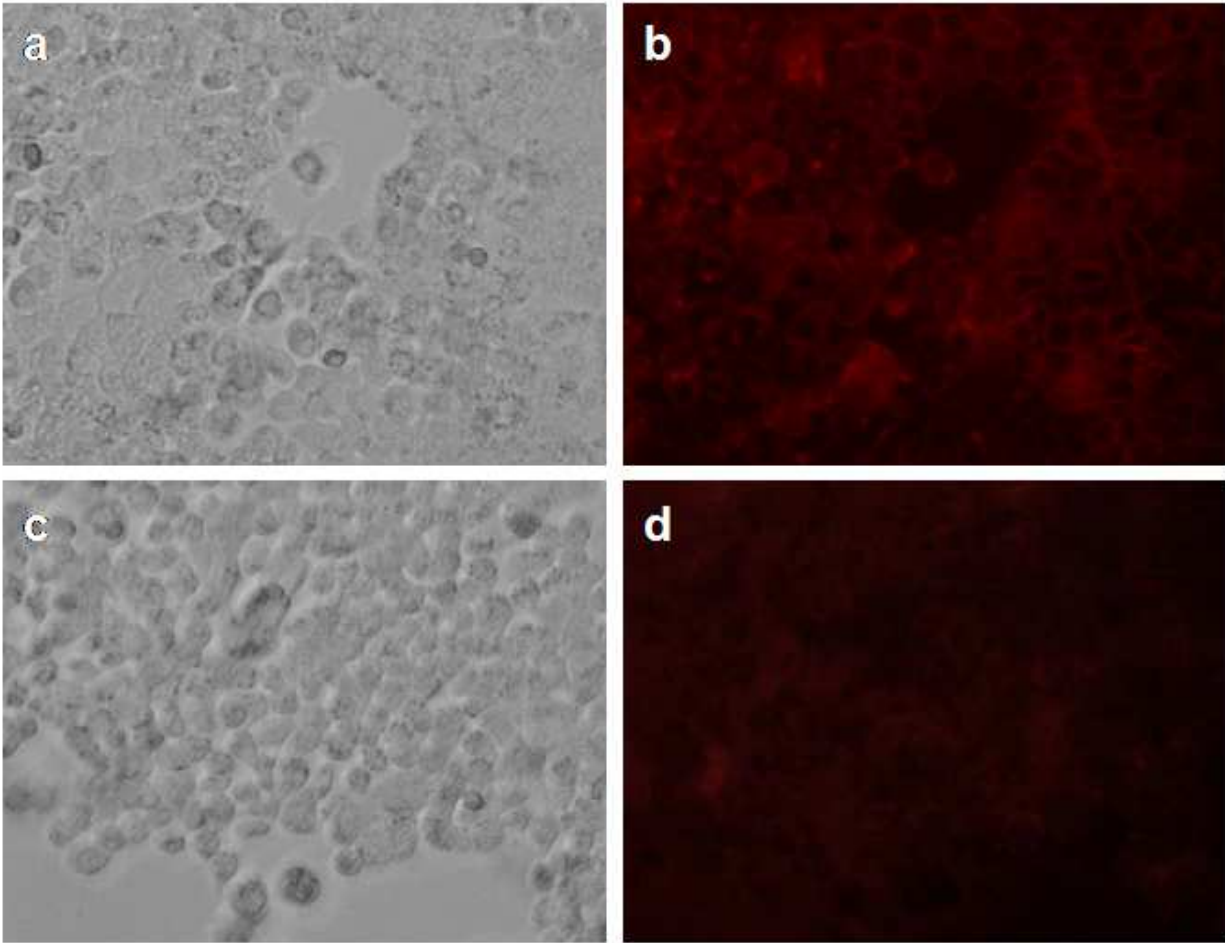
Supplementary Figure 1. ^1H NMR spectrum of PEGylated ICG (4).



Supplementary Figure 2. ^{13}C NMR spectrum of PEGylated ICG (4).



Supplementary Figure 3. ^1H NMR spectrum of amine-reactive PEGylated ICG (5).



Supplementary Figure 5. HER1-positive A431 viable cells incubated with 1 μ g of test antibody for 2 h at 4 °C. **(a)** DIC and **(b)** fluorescence image of cells stained with **12**. **(c)** DIC and **(d)** fluorescence image of cells stained with **15** (negative control).