Supplementary Information on manuscript:

Human plasma stability during handling and storage: impact on NMR metabolomics

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Figure S1. Standard ^{1}H NMR spectra of blank solutions added to (a) an EDTA collection tube (D_2O, 0.005% TSP) and (b) a sodium heparin collection tube (D_2O, no TSP). In order to obtain spectra with good signal-to-noise ratio, the blank solutions were concentrated by a factor of 10 and 15 times, respectively (EDTA and heparin assignments based on references 12 and 40).

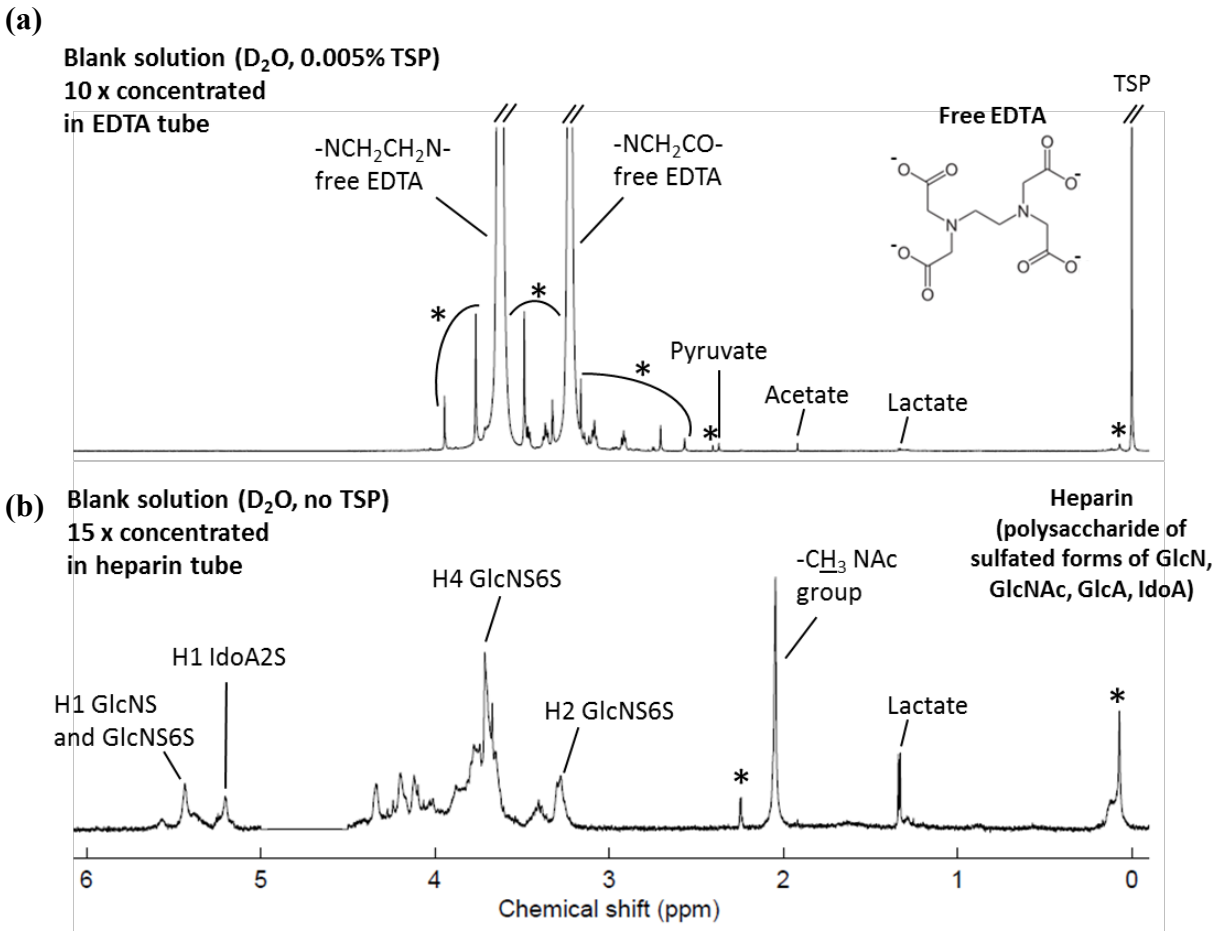

Figure S2. Overlaid expansions of the average CPMG ^{1}H NMR spectra of plasma recorded as a function of time (only selected times are shown), at room temperature. Arrows indicate direction of peak variation.

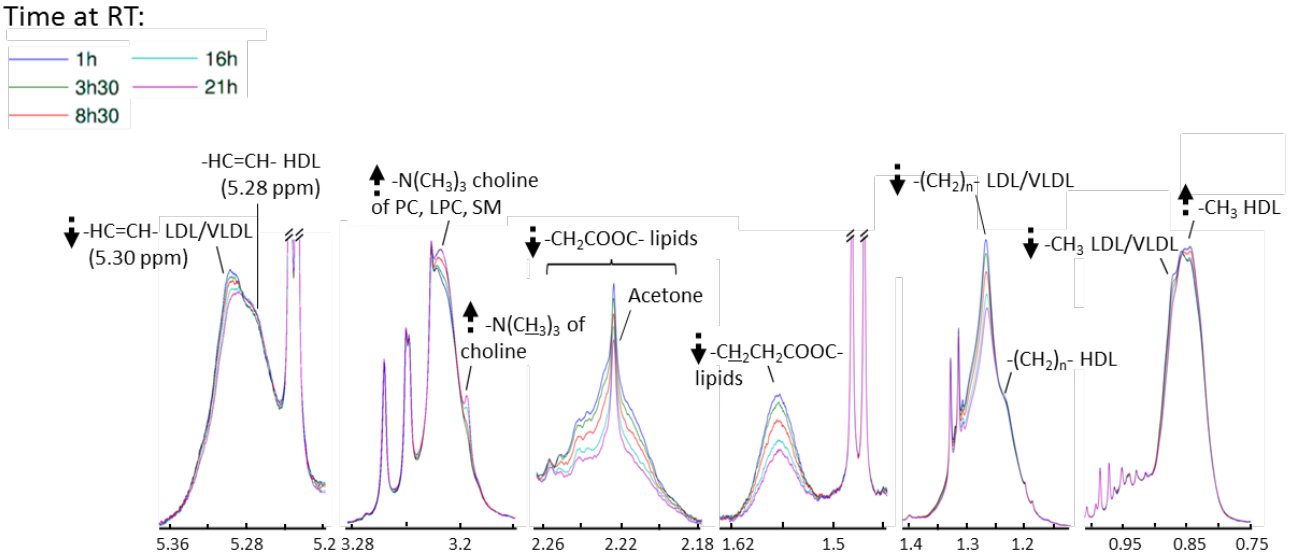

Figure S3. Histogram of metabolite integrals illustrating the variations occurring during plasma storage at -20ºC and -80ºC up to 1 month; *: p-values < 0.05.