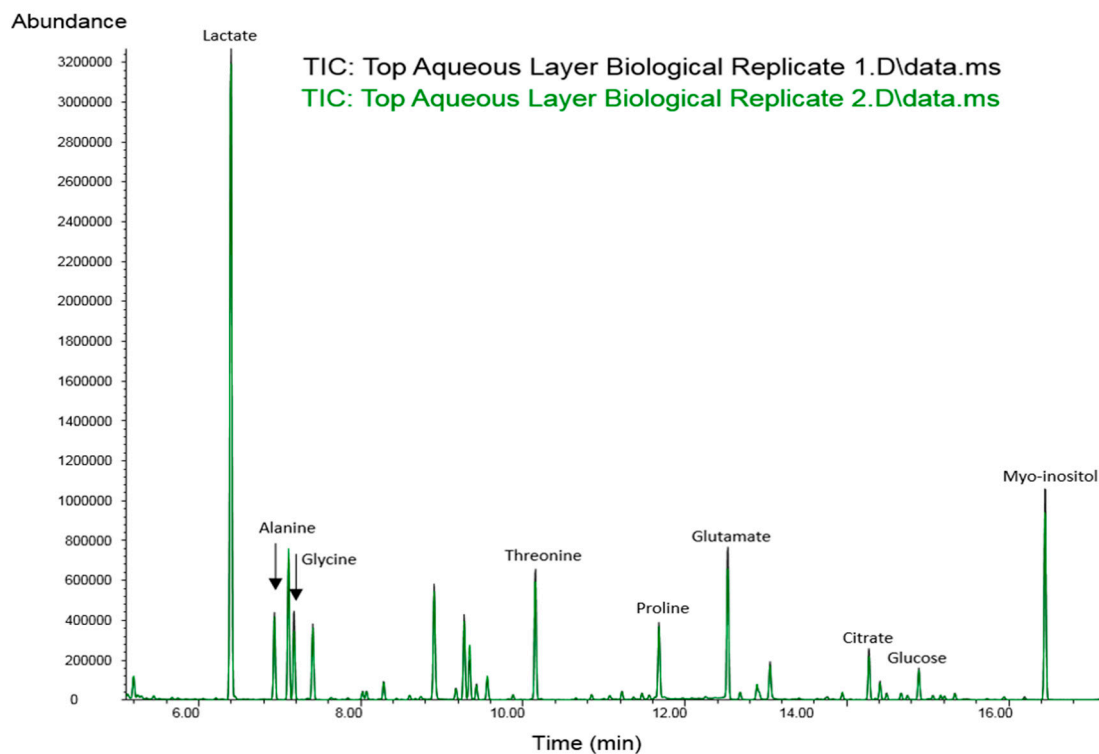


# Supplementary Materials: Analysis of Mammalian Cell Proliferation and Macromolecule Synthesis Using Deuterated Water and Gas Chromatography-Mass Spectrometry

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**Figure S1.** Total ion chromatogram (TIC) of the top aqueous layer generated using the described biphasic extraction procedure. Two biological replicates from C2C12 myoblasts were analysed via GC-MS using the MOX-TMS derivatizing strategy, confirming the presence of polar intracellular metabolites.