

Supplementary Fig. 2. **Degradation of acyl-CoA from liver extract in ammonium acetate buffer at 4 °C.** The liver extract were injected at 0, 3, 6, 9, 12 and 24 hrs after re-constitution of the dry pellet into ammonium acetate buffer (50 mM, pH=6.8) with (medium to long chain acyl-CoA) or without 20% acetonitrile (short chain acyl-CoA). *A*, The sample was kept in the autosampler at 4 °C. The MS signal is normalized to time 0. *B*, A table summary of remaining fractions at different time points.

Time (hr)