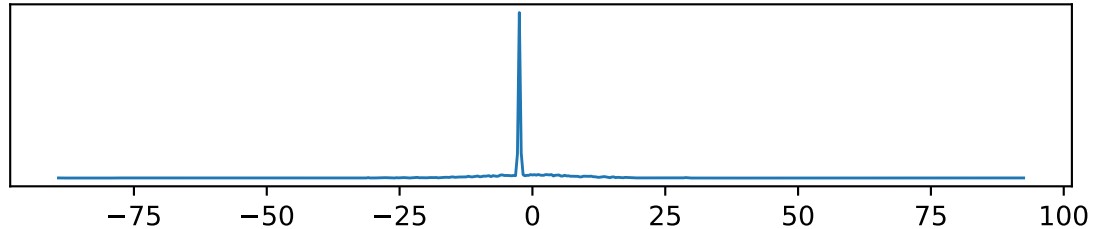Trace Plot of posterior[1] (SMC, dimension_mv = 5)