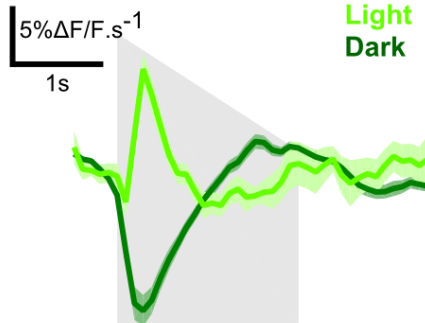
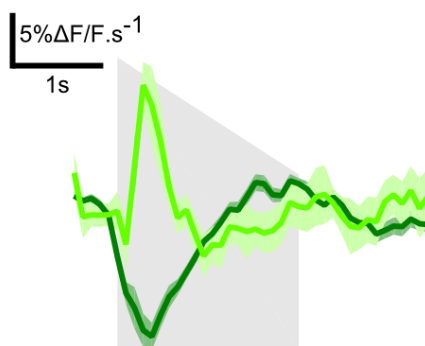


A

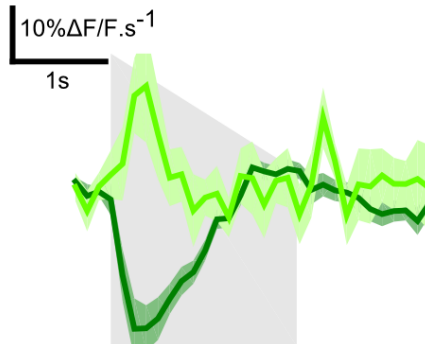
Raw neuronal signals



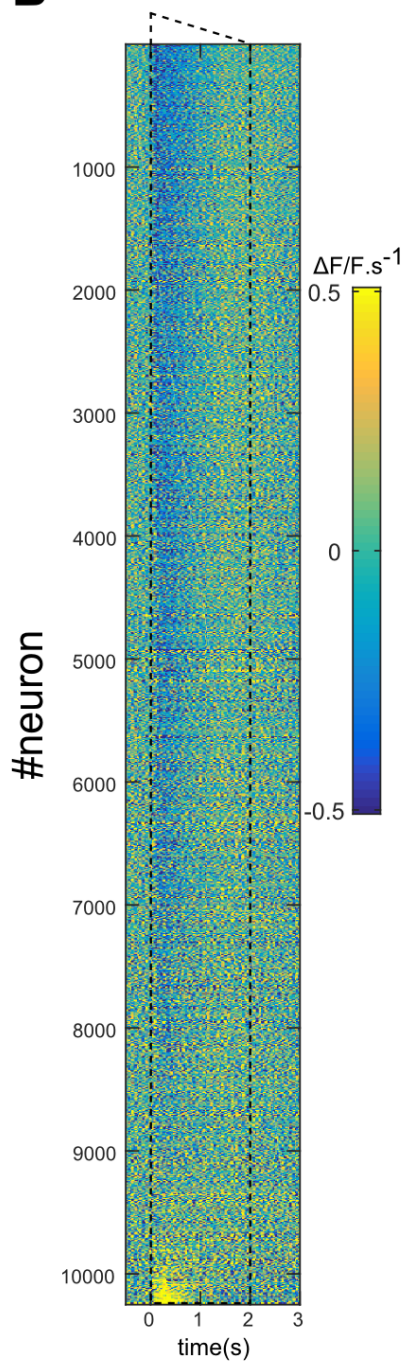
With subtraction of 0.7 * local neuropil



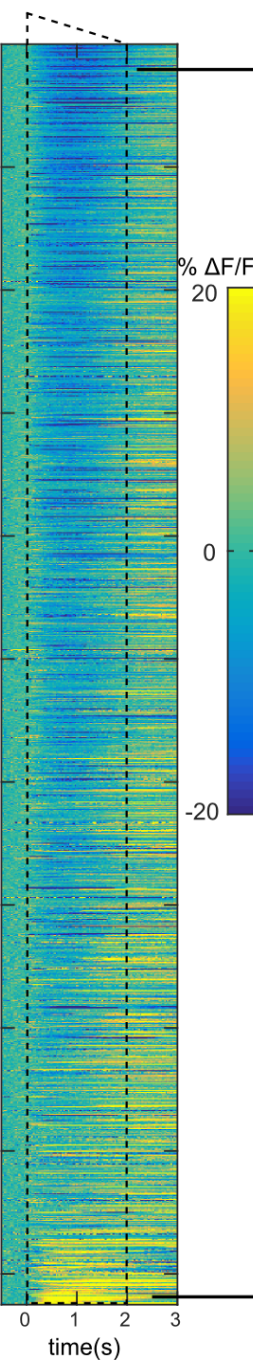
With subtraction of 1 * local neuropil

**B**

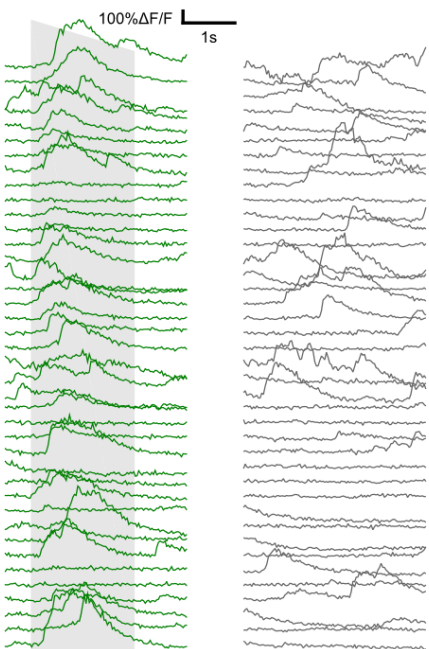
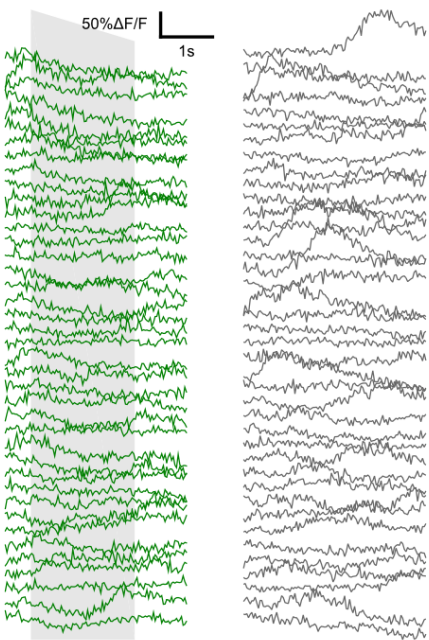
Deconvolved signals



Raw signals

**C**

Cell A: sound-triggered inhibition



Cell B: Sound-triggered excitation

D

Simulated GCAMP6s signal

