



Supplementary figure 1. The experimentally acquired Z-spectral (Z+1400 to −1400 Hz) signal intensity from retrosplenial cortex of MAM-exposed rats and controls are shown. MTRasym (%) curves of each rats are shown at the bottom left.

$$\text{MTRasym} = [\text{Msat}(-\Delta\omega) - \text{Msat}(+\Delta\omega)]/M_0.$$

"Msat ($\pm \Delta\omega$) are the magnetizations obtained with saturation $\Delta\omega$ offset from the water resonance and M_0 is the magnetization without saturation."