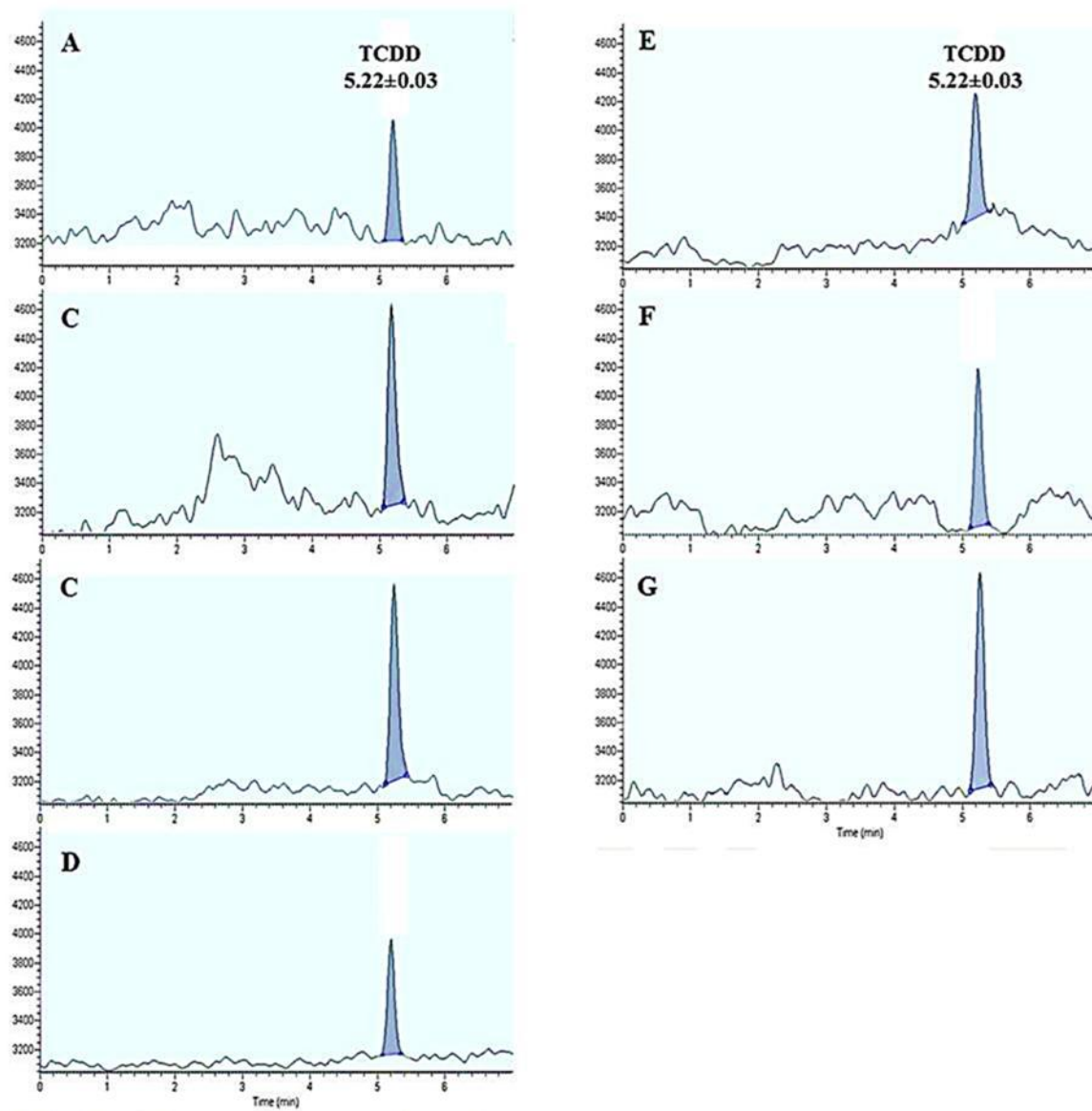




Additional file 1. Detection of TCDD in Arabidopsis tissues by HR/GC-MS.

Diagrams indicate the presence of TCDD (Retention time ≈ 5.22) in the root (**A**, **B** and **C**) and in the shoot (**D**, **E**, and **F**) of 30-days old Arabidopsis exposed to various concentrations of TCDD 10, 50 and 100 ng L⁻¹, respectively. **G**. TCDD standard. Three measurements were taken for three individual plants. Data are mean values $\pm$ SD ($n = 6$).