































**Figure 4.** Levels of IL-1 $\beta$ , IL-6, and TNF- $\alpha$  with increasing concentrations (250, 500, 1000 and 2000 ppm) of OLE in Clone-9 and H4IIE cells after 24-hour incubation. (A) IL-1 $\beta$  levels (B) IL-6 levels (C) TNF- $\alpha$  levels. Differences between the groups were tested for significance using one-way ANOVA (\* $p$  < 0.05, \*\* $p$  < 0.01, \*\*\* $p$  < 0.001, + $p$  < 0.05, ++ $p$  < 0.01, +++ $p$  < 0.001). Abbreviations: DCM, OLE with dichlorometane; ACE, OLE with acetone; MeOH, OLE with methanol; EtOH, OLE with ethanol.