



**Top panel:** GC-FID trace of Macondo well oil collected by Reddy et. al., *Proceedings of the National Academy of Sciences* (2012).

**Bottom panel:** GC-FID trace of dichloromethane extract of labeled sample.

*Note:* The asterisk (\*) marks the internal standard used for quantification, hexadecane- $d_{34}$ . The grey dashed line under each chromatogram is the solvent blank.