

## Electronic supplementary information

# Ultrasensitive Optical Detection of Hydrogen Peroxide by Triggered Activation of Horseradish Peroxidase

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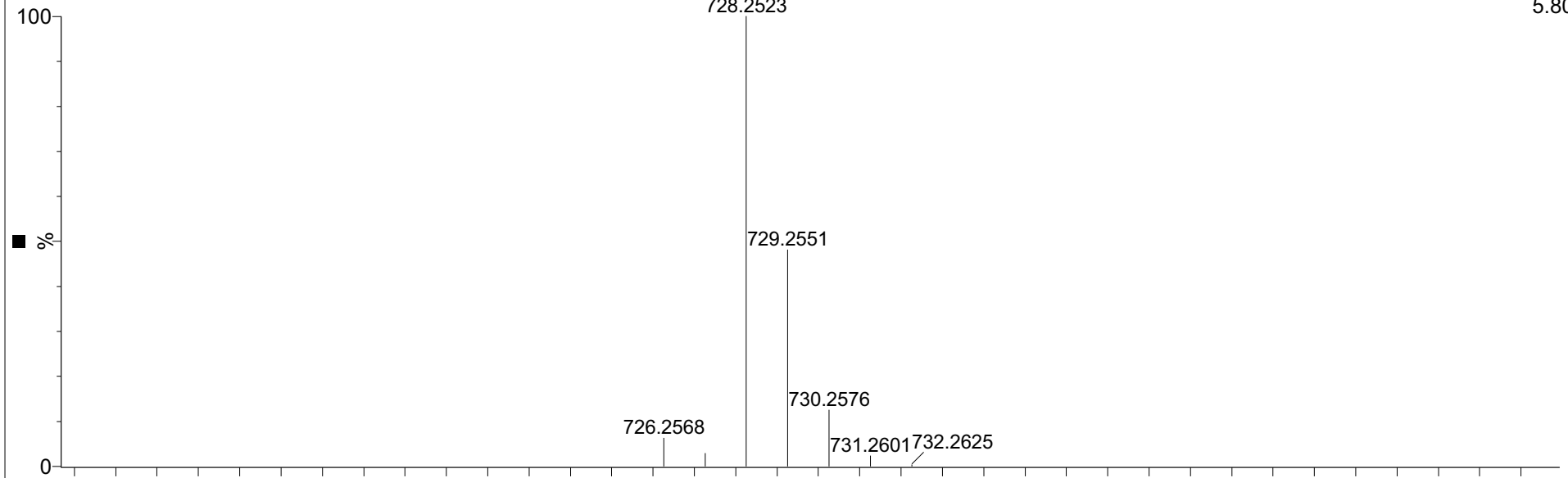
Figure 1S

*Electron spray mass spectrometry of hemin di(N,N'-acetyl-hydrazide)*

Disolved in MeOH

LS\_10 3 (0.017) Is (1.00,0.10) C<sub>38</sub>H<sub>40</sub>FeN<sub>8</sub>O<sub>4</sub>

TOF MS ES+  
5.80e12



LS\_10 3 50 (0.854) Cm (2:58)

TOF MS ES+  
6.44e4

