

Supplementary Material

Antiproliferative effects of the aptamer d(GGGT)₄ and its analogues with an abasic-site mimic loop on different cancer cells.

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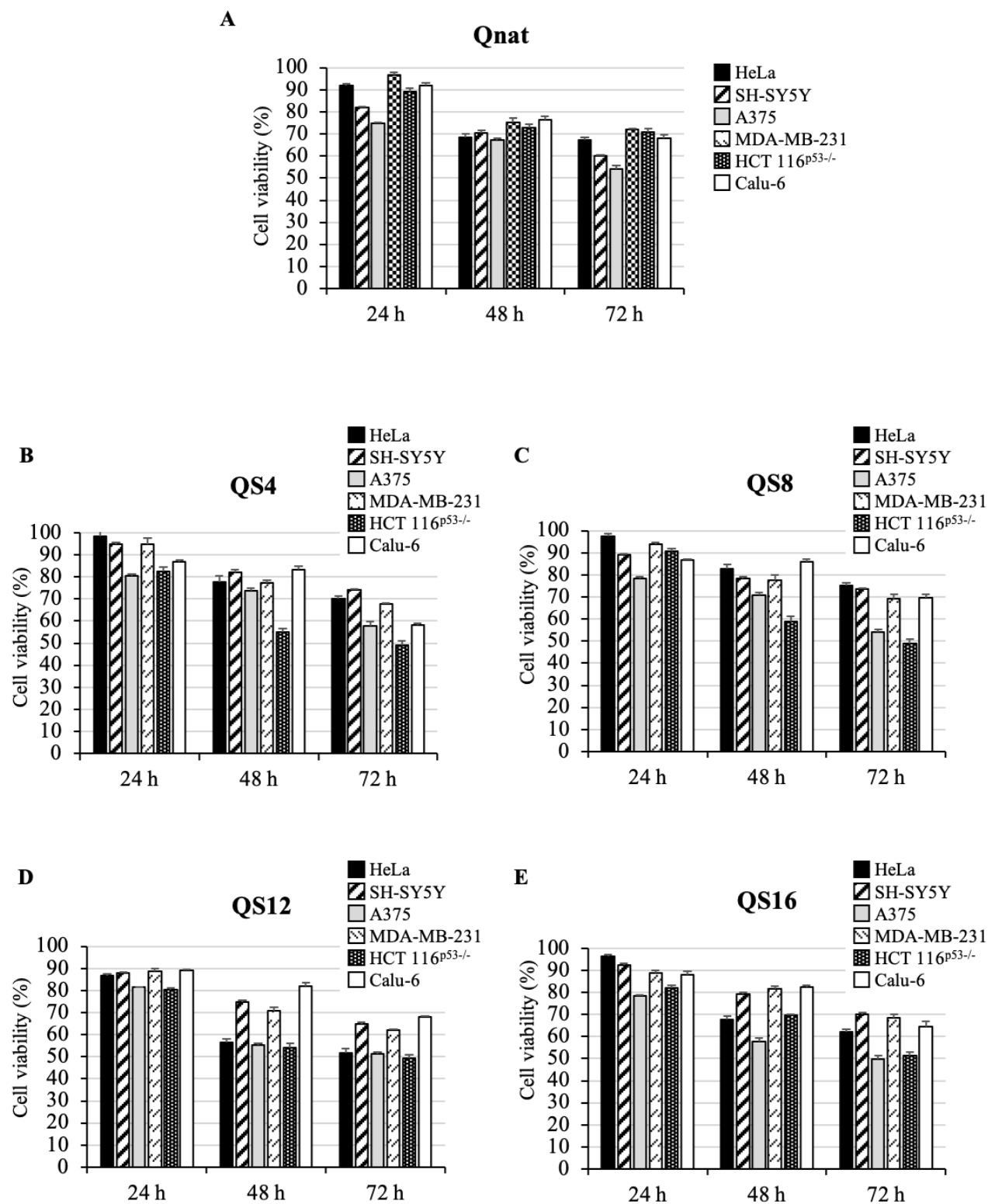


Figure S1. Cytotoxic activity of Qnat and its analogues on six different cancer cell lines. Cells were treated with 10 μ M of ODNs, from 24 to 72 h. Cell viability was assayed using the MTT assay. Data represent the average of three independent experiments; error bars represent the standard deviation.

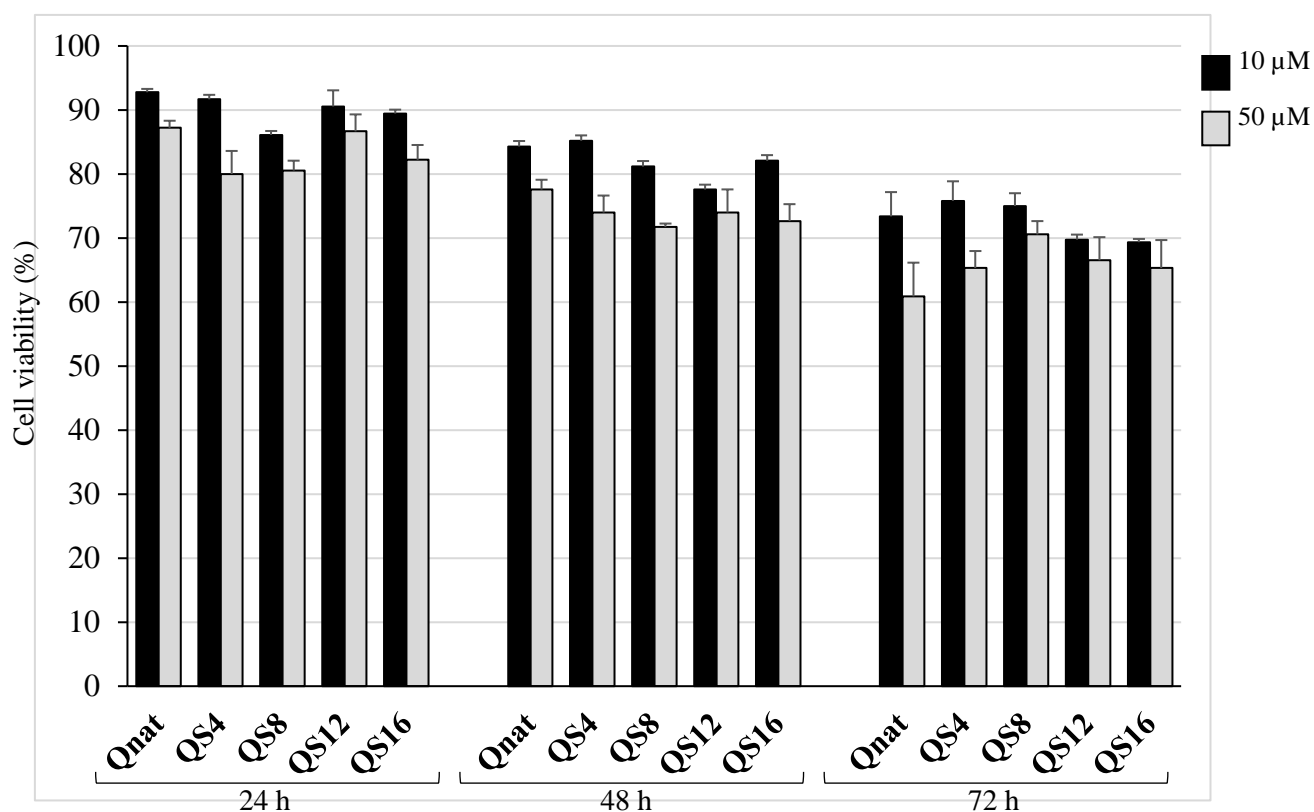


Figure S2. Cytotoxic activity of Qnat and its analogues on MRC-5 cell line. Cells were treated with 10 μ M and 50 μ M of ODNs, from 24 to 72 h. Cell viability was assayed using the MTT assay. Data represent the average of three independent experiments; error bars represent the standard deviation.

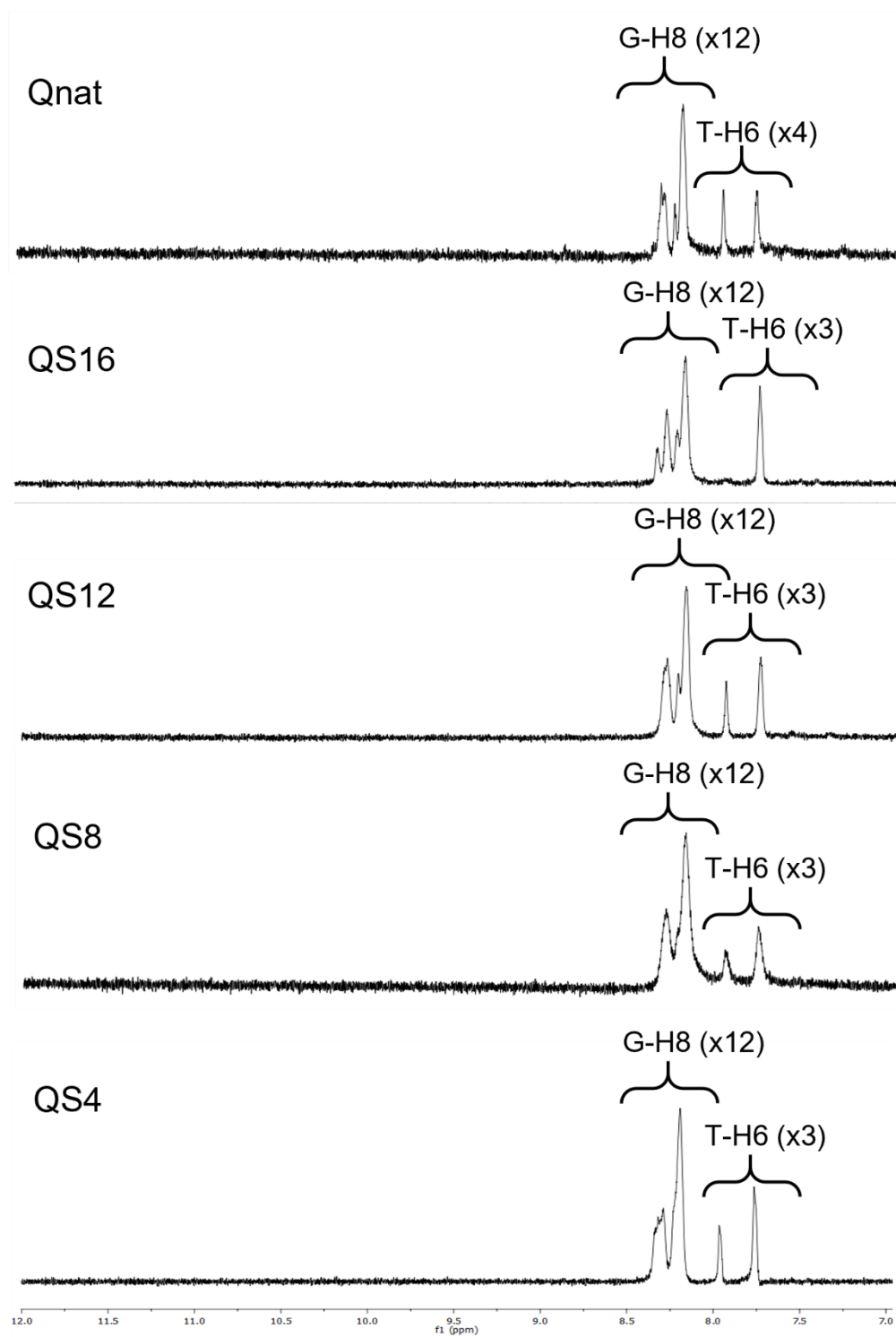


Figure S3. Aromatic region of the high resolution NMR spectra (700 MHz, D₂O, 80°C, no salt) of purified oligomers.

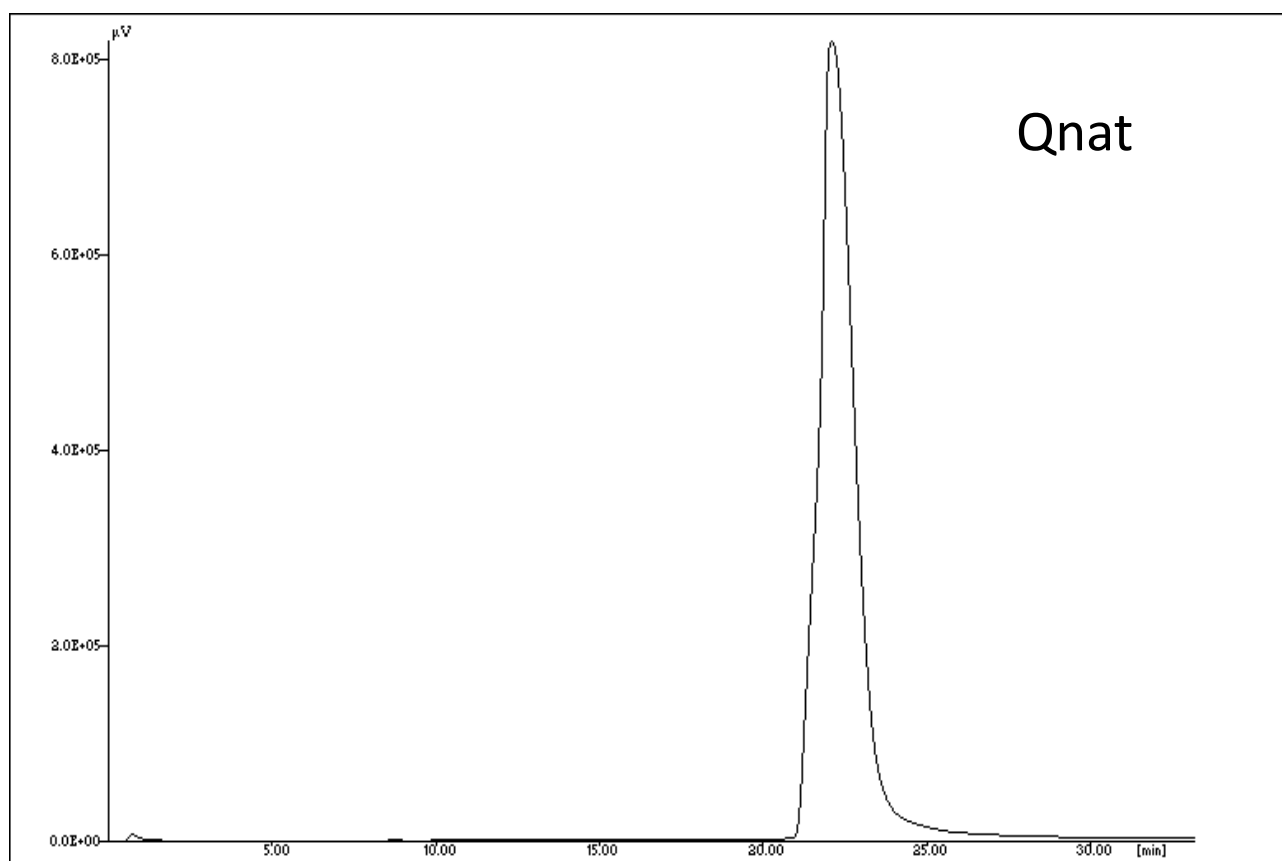


Figure S4. HPLC chromatograms of Qnat and its analogues. See experimental section for details

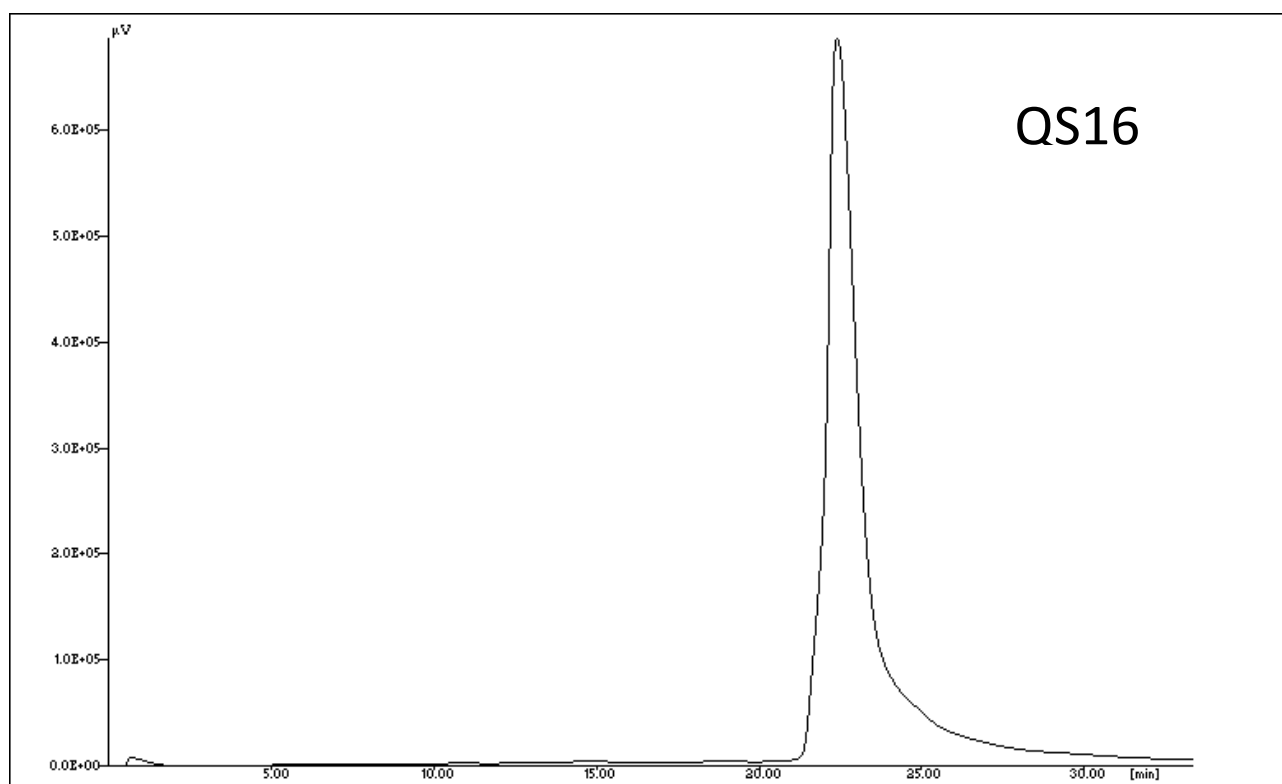


Figure S4. *Cont.*

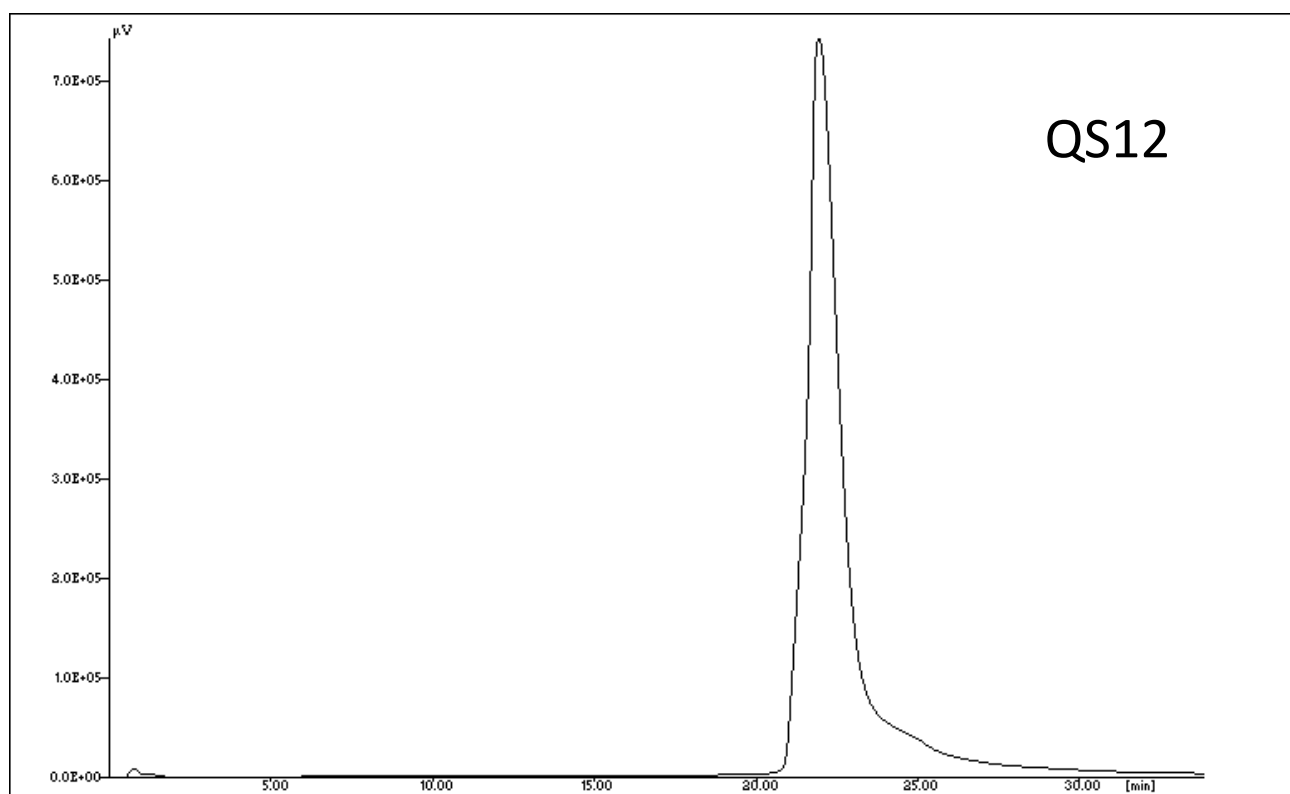


Figure S4. *Cont.*

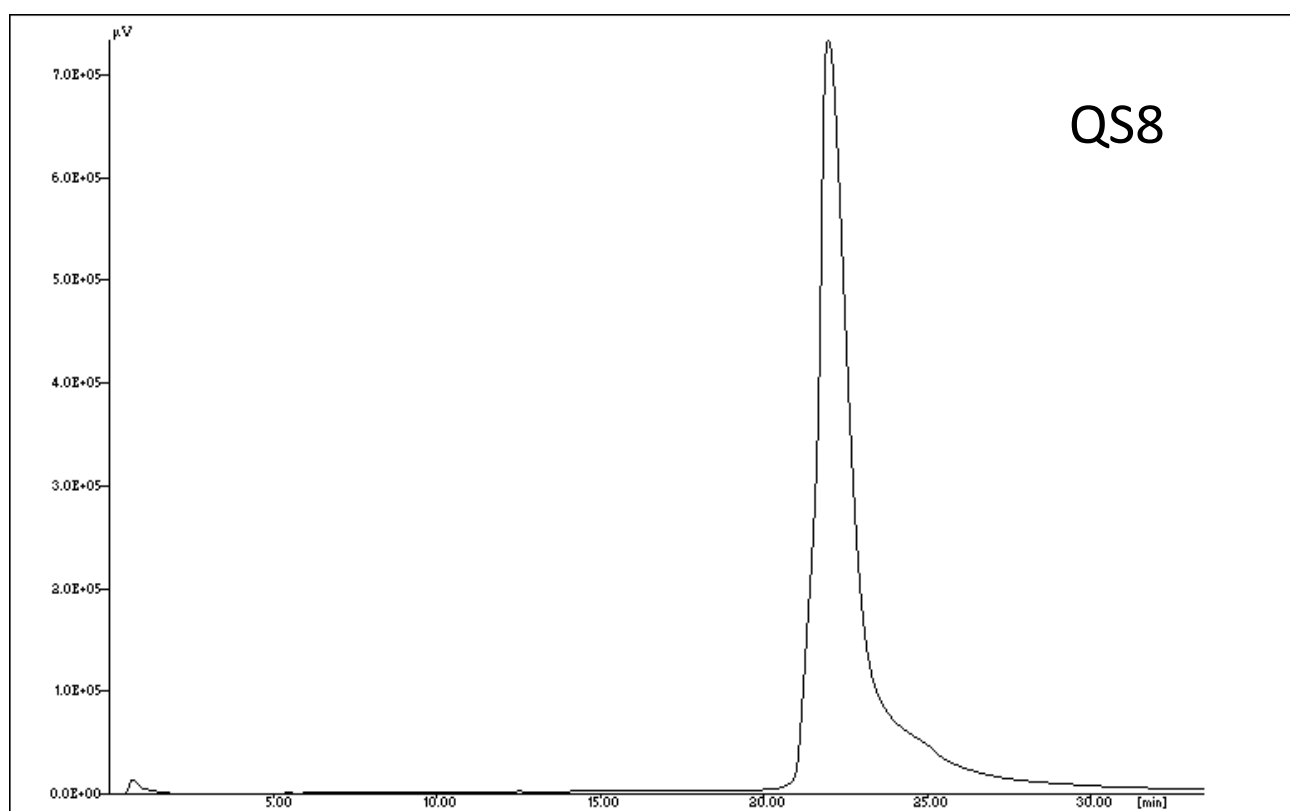


Figure S4. *Cont*

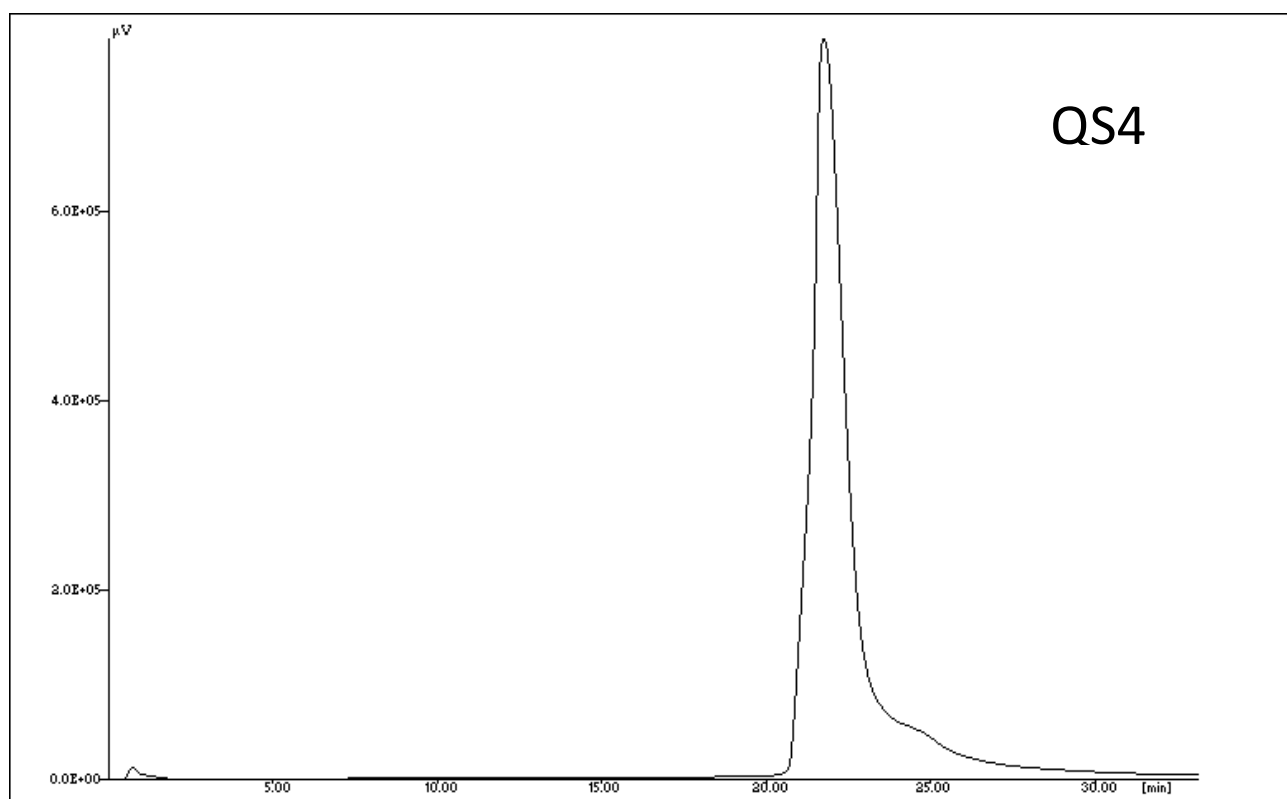


Figure S4. *Cont*