

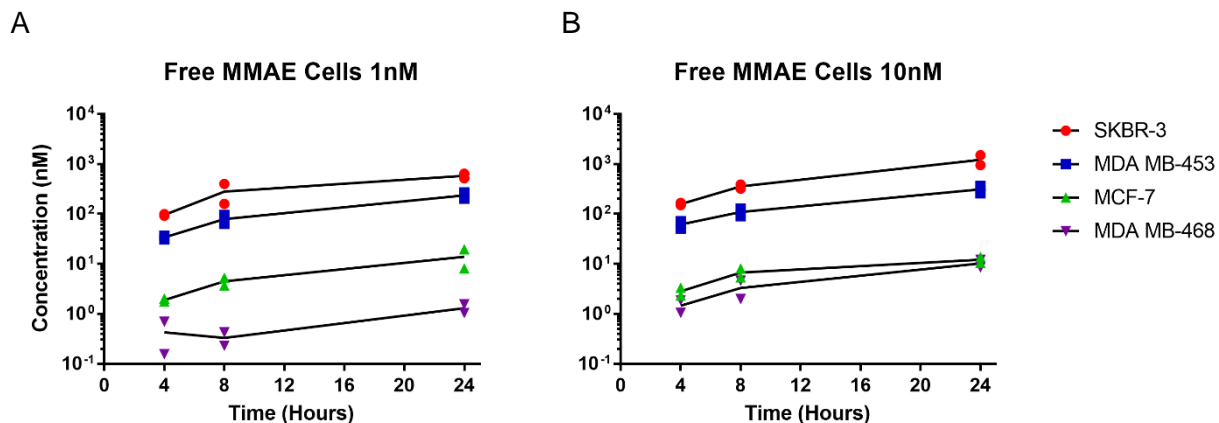
**Title: Evaluation of Quantitative Relationship Between Target Expression and ADC
Exposure Inside Cancer Cells**

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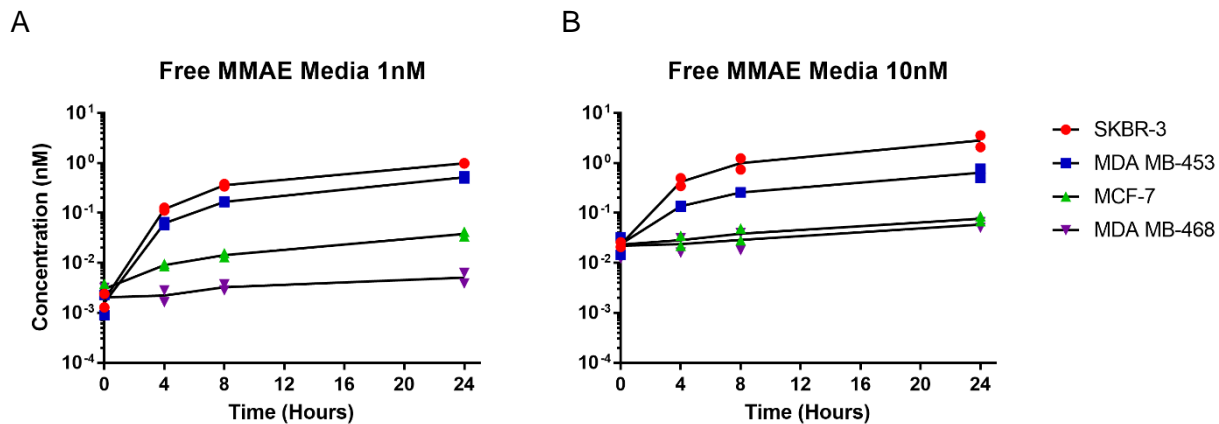
Journal Title: Drug Metabolism and Disposition

Supplementary Figure 1



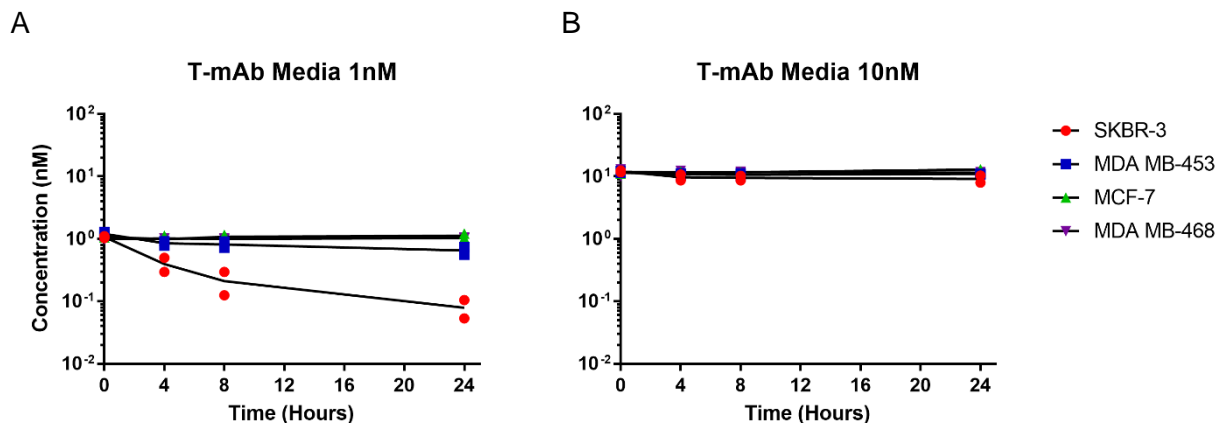
Supplementary Figure 1. Comparison of intracellular free MMAE PK profiles between different breast cancer cell lines, after **(A)** 1 nM or **(B)** 10 nM T-vc-MMAE incubation.

Supplementary Figure 2



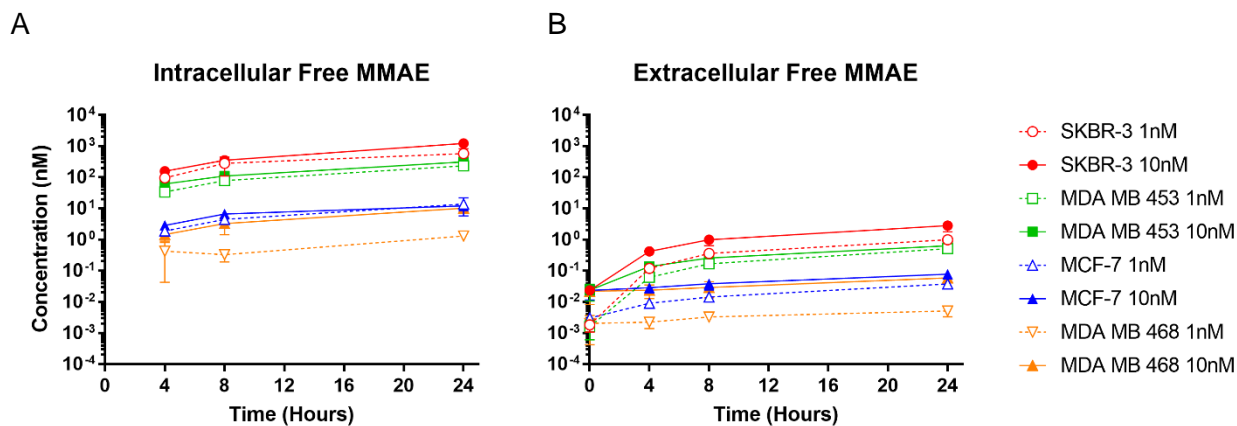
Supplementary Figure 2. Comparison of extracellular free MMAE PK profiles between different breast cancer cell lines, after **(A)** 1 nM or **(B)** 10 nM T-vc-MMAE incubation.

Supplementary Figure 3



Supplementary Figure 3. Comparison of extracellular total trastuzumab PK profiles between different breast cancer cell lines, after **(A)** 1 nM or **(B)** 10 nM T-vc-MMAE incubation.

Supplementary Figure 4



Supplementary Figure 4. **(A)** Intracellular and **(B)** Extracellular free MMAE concentration (mean \pm SD) vs. time plots for different breast cancer cell lines, after treatment with 1 nM (open symbol with dashed line) or 10 nM (solid symbol with solid line) T-vc-MMAE.