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Letter to the Editor

Doubly peaked chromatograms

Sir,

Golay and Atwood¹, in their article "Early phases of the dispersion of a sample injected in Poiseuille flow" found doubly peaked chromatograms when the time of flow from the injection point to the observation point was short. Gill and Ananthakrishanan² analyzed this same problem using a finite difference method to solve the convective-diffusion equation and they also found that the concentration downstream displayed double peaks under similar conditions.

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1 M. J. E. Golay and J. G. Atwood, *J. Chromatogr.*, 186 (1979) 353.

2 W. N. Gill and V. Ananthakrishanan, *AIChE J.*, 13 (1967) 801.

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