

10-18-76

Preparative Column for Adduct Purification

A preparative reversed-phase column was made to purify the adduct from other DNA components.

Column: 70 x 0.8 cm, Bondapak C_{18} Porasil B (a very high capacity packing).

(column should have a dead vol. of 10 ml/foot)

Chromatography of Aflatoxin G_2 —

G_2 was chosen because it should have chrom. properties similar to the adduct.

On a 10 to 80% gradient (40 min) —

G_2 had a t_R of ~ 36 min — a somewhat broad peak was obtained, but understandable under these conditions. $v = 3 \text{ ml/min}$ —

$T = \text{room}$, $P =$

10-19-76

Chromatography of Adduct

The adduct had a t_R of 32 min and gave a symmetrical peak. These should be good conditions to try for its isolation.