Errata

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ERRATA

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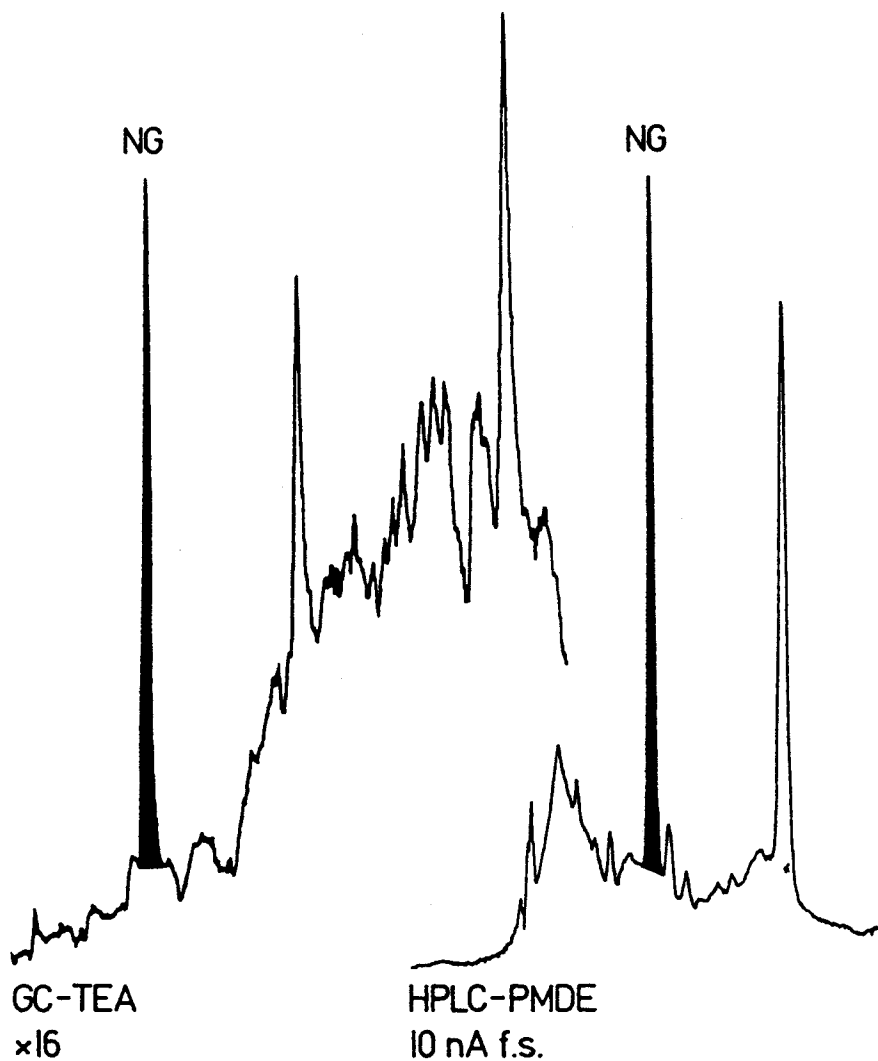## Clothing Extract

NG

NG

GC-TEA
×16

HPLC-PMDE
10 nA f.s.

FIGURE 15

HPLC, PMDE detection (Table 2, eluent B) compared with GC-TEA results on a cleaned-up (charcoal) clothing extract. The chromatograms have been scaled to give the same peak heights for the nitroglycerin present.

COMPARISON OF RELATIVE VARIANCES

1.0	14.1	5.2	2.1

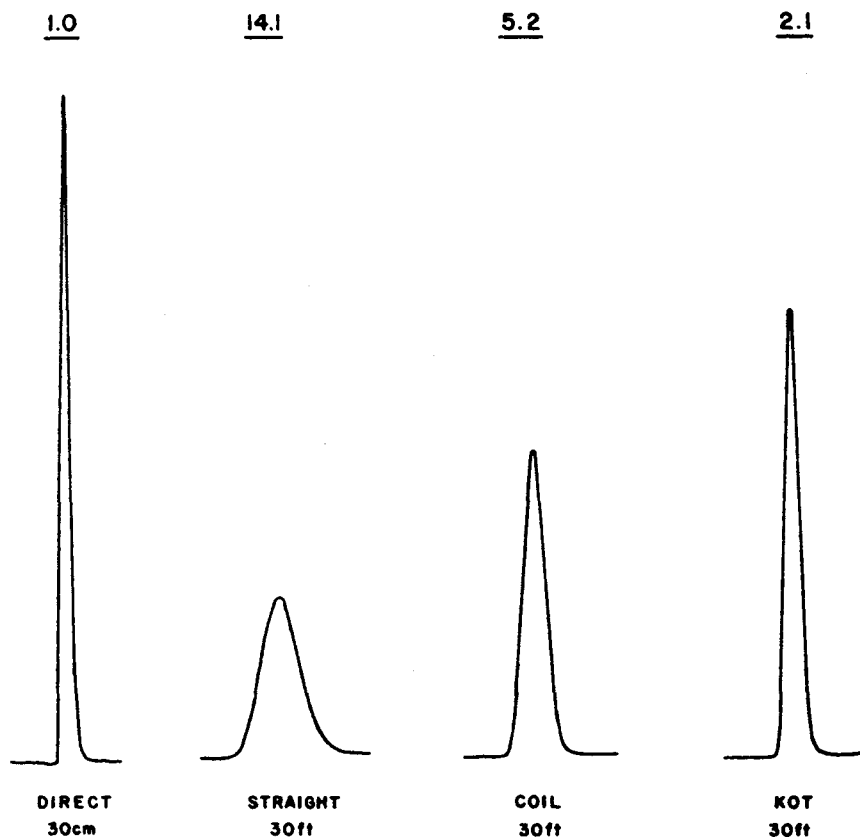| DIRECT	STRAIGHT	COIL	KOT
30cm	30ft	30ft	30ft

FIGURE 4

Representative chromatographic peaks generated in the hydrodynamic study of post-column reactor geometries. Relative variances (normalized to the direct connection) are shown above each peak. Conditions: RadialPak C-18 (5-μm) 100- x 5-mm, 45:55 MeOH:0.2M NaCl, F=1.0-ml/min, 200-μl injections, detection at +0.85V. Sample: 1-ppm $NaNO_2$.
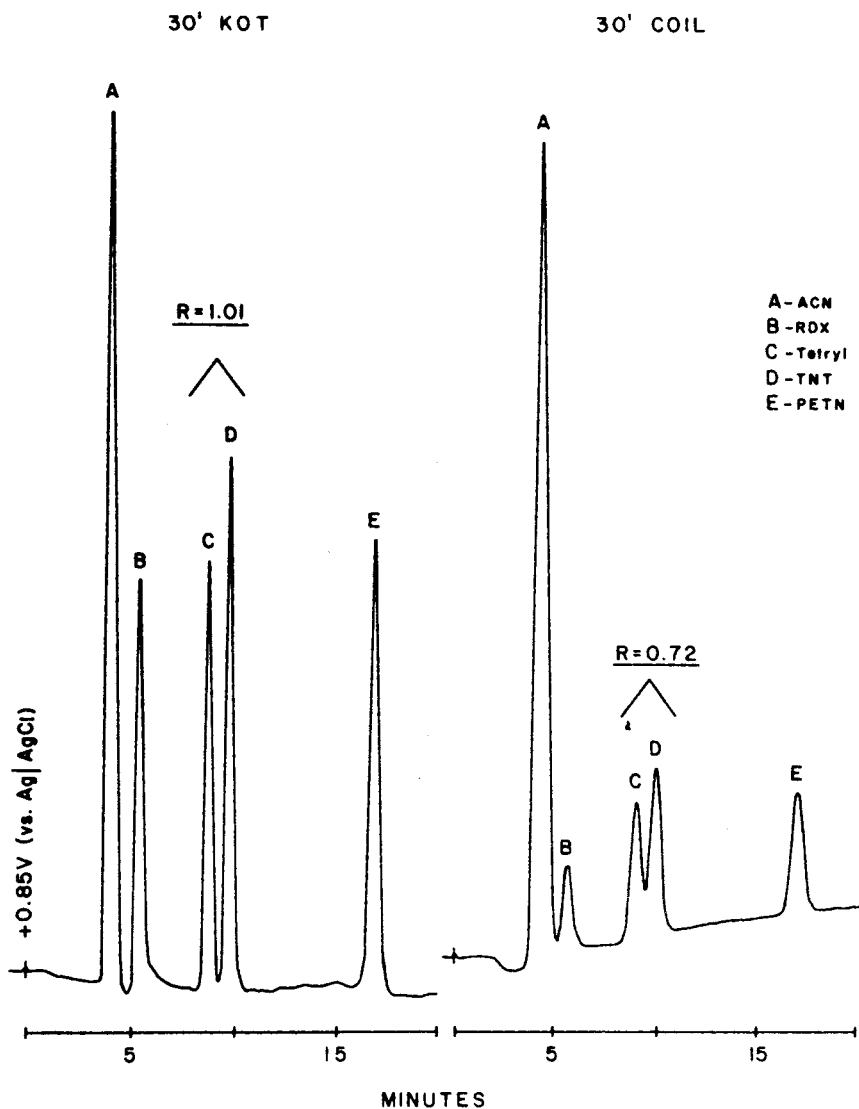
30' KOT   30' COIL

FIGURE 5

Comparison of LC-hv-EC chromatograms generated with KOT and COIL geometry reactors.
Conditions: Same as Figure 4. Sample: SEM (100-ppb each TNT, Tetryl and RDX, 200-ppb PETN).
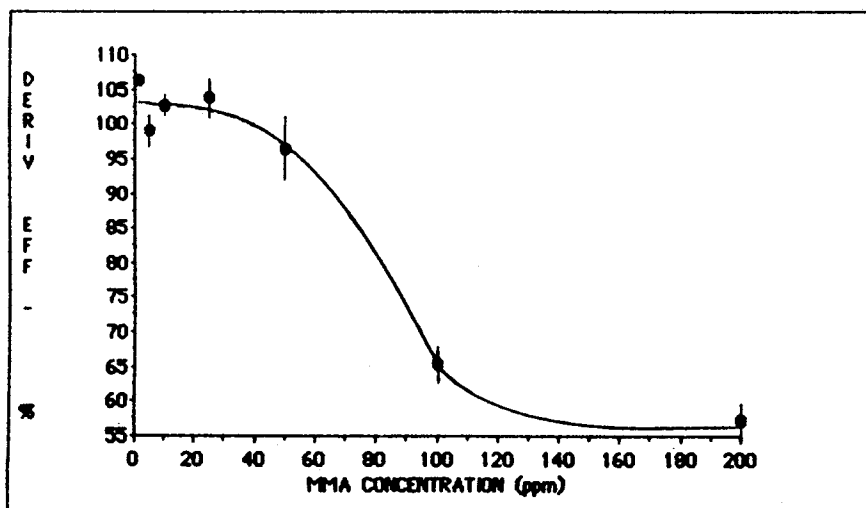
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<u>FIGURE 7</u>

Plot of derivatization efficiency (%) <u>vs.</u> MMA concentration. <u>Conditions:</u> Derivatization
conditions are described in the text. LC-hv-EC used RadialPak C-18 (5-μm) 100- x
5-mm, 35:65 MeOH:0.2M NaCl, F=1.0-ml/min, 50-μl injections, detection at +1.0V.

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