

SEPARATION OF AROMATIC HYDROCARBONS

Column: **CronusWax-280**, 60m x 0.32mm x 0.5 μ m (P/N: CG-830563)

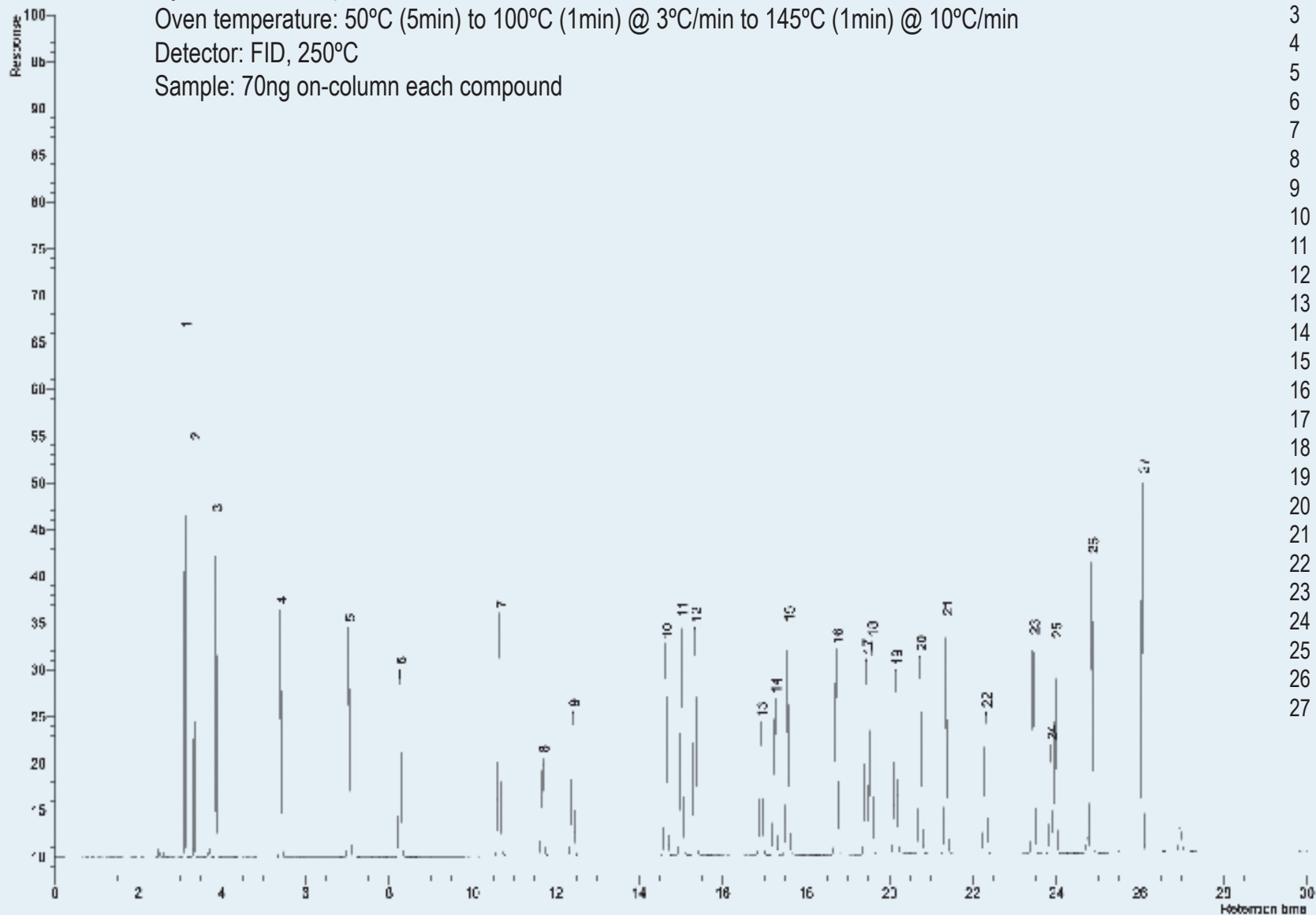
Carrier gas: Helium, 25psi, constant pressure mode

Injection: 250°C, split ratio 50:1

Oven temperature: 50°C (5min) to 100°C (1min) @ 3°C/min to 145°C (1min) @ 10°C/min

Detector: FID, 250°C

Sample: 70ng on-column each compound



Peak Name

- 1 heptane
- 2 cyclohexane
- 3 octane
- 4 nonane
- 5 benzene
- 6 decane
- 7 toluene
- 8 1,4-dioxane
- 9 undecane
- 10 ethylbenzene
- 11 p-xylene
- 12 m-xylene
- 13 cumene
- 14 dodecane
- 15 o-xylene
- 16 propylbenzene
- 17 p-ethyltoluene
- 18 m-ethyltoluene
- 19 t-butylbenzene
- 20 s-butylbenzene
- 21 styrene
- 22 tridecane
- 23 diethylbenzeneisomer
- 24 diethylbenzeneisomer
- 25 n-butylbenzene
- 26 a-methylstyrene
- 27 phenylacetylene