

SEPARATION OF AROMATIC HYDROCARBONS

Column: **Cronus Wax-280** , 20m x 0.18mm x 0.18 μ m (P/N: CG-830984)

Carrier gas: Helium, 33.1psi, constant pressure mode

Injection: 250°C, split ratio 150:1

Oven temperature: 60°C (3min) to 140°C (1min) @ 50°C/min

Detector: FID, 250°C

Sample: 25ng 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

