GC Application

ID No.: **25309**

Aromatics Marker Standards on ZB-DHA-PONA 100m x 0.25mm x 0.5um

Column: Zebron ZB-DHA-PONA, GC Cap. Column 100m x 0.25mm x 0.5um , Ea

Phase:

Dimensions: 100 meters x 0.25 mm x 0.5 µm

Order No: 7MG-G042-17

Oven Profile: 35°C for 14 min to 60°C @ 1.1°C/min 60°C for 19 min to 280°C @ 2°C/min 280°C for 5 min

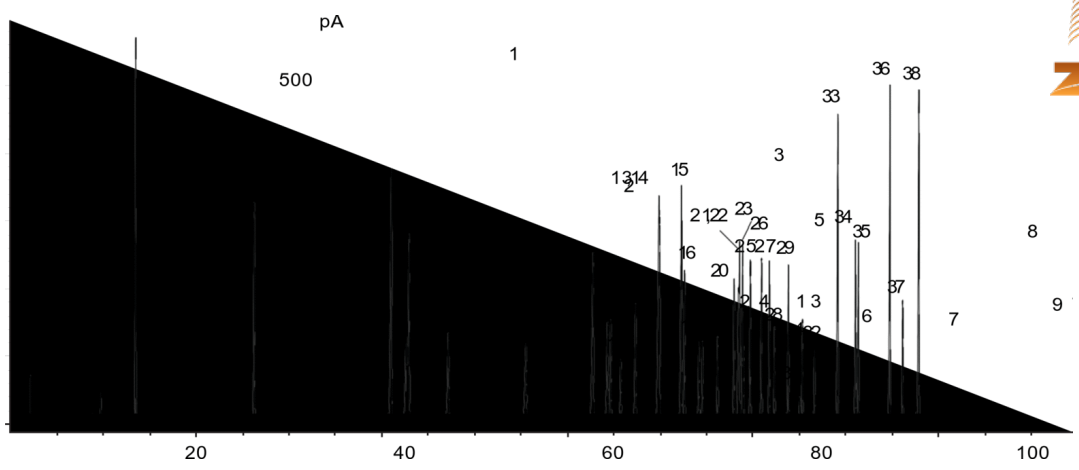
Carrier Gas: Constant Flow Helium, 1.55 mL/min

Injection: Split 40:1 0.2 µL @ 300°C

Detection: GC/FID (320°C)

Analyst Note: The pariffins standard was first diluted 100:1 in pentane and then run with a 40:1 split to avoid column

Products used in this application:



For more information contact your Phenomenex Representative at support@phenomenex.com

Phenomenex products are available worldwide.

Aromatics Marker Standards on ZB-DHA-PONA 100m x 0.25mm x 0.5um

ANALYTES:

1 1-Methyl-3-ethylbenzene
2 1-Methyl-4-ethylbenzene
3 1,3,5-Trimethylbenzene
4 1-Methyl-2-ethylbenzene
5 1,2,4-Trimethylbenzene
6 tert-Butylbenzene
7 Isobutylbenzene
8 sec-Butylbenzene
9 1-Methyl-3-isopropylbenzene
10 1-Methyl-4-isopropylbenzene
11 1-Methyl-2-isopropylbenzene
12 1-Methyl-3-n-propylbenzene
13 1-Methyl-4-n-propylbenzene
14 n-Butylbenzene
15 Benzene
16 1-Methyl-2-n-propylbenzene
17 Toluene
18 1,2-Diethylbenzene
19 EthylBenzene
20 1,4-Dimethyl-2-ethylbenzene
21 m-Xylene
22 1,3-Dimethyl-5-ethylbenzene
23 p-Xylene
24 1,2-Dimethyl-4-ethylbenzene
25 o-Xylene
26 1,3-Dimethyl-2-ethylbenzene
27 Isopropylbenzene
28 1,2-Dimethyl-3-ethylbenzene
29 1,2,4,5-Tetramethylbenzene
30 n-Propylbenzene
31 2-Methylbutylbenzene
32 1-Methyl-3-ethylbenzene
33 trans-1-Butyl-2-methylbenzene
34 1-Methyl-4-ethylbenzene
35 n-Pentylbenzene
36 1,3,5-Trimethylbenzene
37 t-1-Butyl,3,5-dimethylbenzene
38 1-Methyl-2-ethylbenzene
39 t-1-butyl-ethylbenzene
40 1,2,4-Trimethylbenzene
41 1,3,5-Triethylbenzene
42 tert-Butylbenzene
43 1,2,4-Triethylbenzene
44 Isobutylbenzene
45 n-Hexylbenzene
46 sec-Butylbenzene
47 1-Methyl-3-isopropylbenzene
48 1-Methyl-4-isopropylbenzene
49 1-Methyl-2-isopropylbenzene
50 1-Methyl-3-n-propylbenzene
51 1-Methyl-4-n-propylbenzene
52 n-Butylbenzene
53 1-Methyl-2-n-propylbenzene
54 1,2-Diethylbenzene
55 1,4-Dimethyl-2-ethylbenzene
56 1,3-Dimethyl-5-ethylbenzene
57 1,2-Dimethyl-4-ethylbenzene
58 1,3-Dimethyl-2-ethylbenzene
59 1,2-Dimethyl-3-ethylbenzene
60 1,2,4,5-Tetramethylbenzene
61 2-Methylbutylbenzene
62 trans-1-Butyl-2-methylbenzene
63 n-Pentylbenzene
64 t-1-Butyl,3,5-dimethylbenzene
65 t-1-butyl-ethylbenzene
66 1,3,5-Triethylbenzene
67 1,2,4-Triethylbenzene
68 n-Hexylbenzene