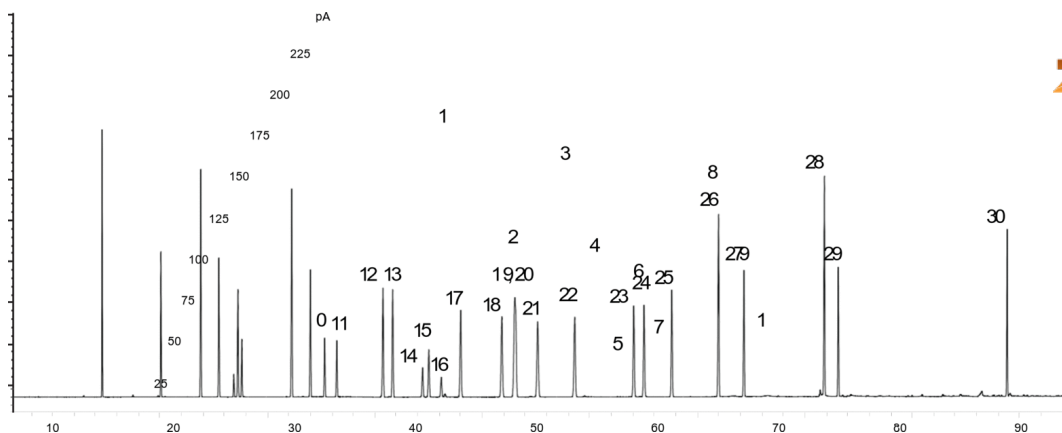


Naphthalene Marker Standards on ZB-DHA-PONA 100m x 0.25mm x 0.5um**Column:** Zebron ZB-DHA-PONA, GC Cap. Column 100m x 0.25mm x 0.5um , Ea**Phase:****Dimensions:** 100 meters x 0.25 mm x 0.5 µm**Order No:** 7MG-G042-17**Oven Profile:** 35°C for 14 min to 60°C @ 1.1°C/min 60°C for 19 min to 60°C @ 1.1°C/min 60°C for 19 min to 280°C @ 2°C/min 280°C for 5 min to**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 paraffins standard was first diluted 100:1 in pentane and then run with a 40:1 split to avoid column**Products used in this application:**

Naphthalene Marker Standards on ZB-DHA-PONA 100m x 0.25mm x 0.5um**ANALYTES:**

- | | |
|---|--|
| 1 Methylcyclohexane | 41 cis-1,2-Dimethylcyclohexane |
| 2 Ethylcyclopentane | 42 n-Propylcyclopentane |
| 3 ctc-1,2,4-Trimethylcyclopentane | 43 ccc-1,3,5-Trimethylcyclohexane |
| 4 ctc-1,2,3-Trimethylcyclopentane | 44 1,1,4-Trimethylcyclohexane |
| 5 cct-1,2,4-Trimethylcyclopentane | 45 ctt-1,2,4-Trimethylcyclohexane |
| 6 trans-1,4-Dimethylcyclohexane | 46 ctc-1,2,4-Trimethylcyclohexane |
| 7 1-Ethyl-1-methylcyclopentane | 47 1,1,2-Trimethylcyclohexane |
| 8 trans-1,2-Dimethylcyclohexane | 48 Isobutylcyclopentane |
| 9 ccc-1,2,3-Trimethylcyclopentane | 49 Isopropylcyclohexane |
| 10 Isopropylcyclopentane | 50 n-Butylcyclopentane |
| 11 cis-1,2-Dimethylcyclohexane | 51 Isobutylcyclohexane |
| 12 n-Propylcyclopentane | 52 t-1-Methyl-2-propylcyclohexane |
| 13 ccc-1,3,5-Trimethylcyclohexane | 53 t-1-Methyl-2-(4MP)cyclopentane |
| 14 1,1,4-Trimethylcyclohexane | |
| 15 ctt-1,2,4-Trimethylcyclohexane | |
| 16 Cyclopentane | |
| 17 ctc-1,2,4-Trimethylcyclohexane | |
| 18 Methylcyclopentane | |
| 19 1,1,2-Trimethylcyclohexane | |
| 20 Cyclohexane | |
| 21 Isobutylcyclopentane | |
| 22 1,1-Dimethylcyclopentane | |
| 23 Isopropylcyclohexane | |
| 24 cis-1,3-Dimethylcyclopentane | |
| 25 n-Butylcyclopentane | |
| 26 trans-1,3-Dimethylcyclopentane | |
| 27 Isobutylcyclohexane | |
| 28 trans-1,2-Dimethylcyclopentane | |
| 29 t-1-Methyl-2-propylcyclohexane | |
| 30 Methylcyclohexane | |
| 31 t-1-Methyl-2-(4MP)cyclopentane | |
| 32 Ethylcyclopentane | |
| 33 ctc-1,2,4-Trimethylcyclopentane | |
| 34 ctc-1,2,3-Trimethylcyclopentane | |
| 35 cct-1,2,4-Trimethylcyclopentane | |
| 36 trans-1,4-Dimethylcyclohexane | |
| 37 1-Ethyl-1-methylcyclopentane | |
| 38 trans-1,2-Dimethylcyclohexane | |
| 39 ccc-1,2,3-Trimethylcyclopentane | |
| 40 Isopropylcyclopentane | |

