

# GC Application

ID No.: 25307

## Isopariffin Markers 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

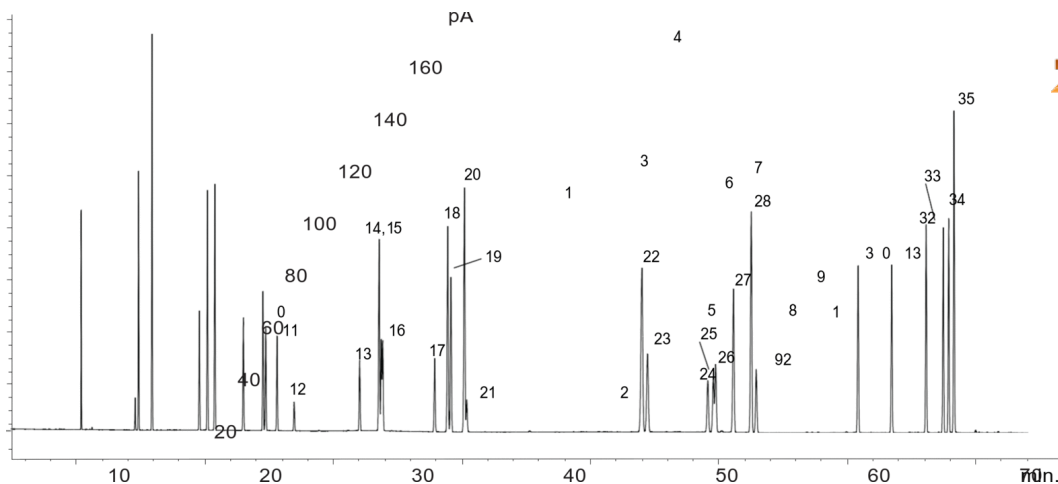
**Injection:** Split 40:1 0.2 µL @ 300°C

**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:



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### ANALYTES:

1	2,2-Dimethylpentane	41	2,3-Dimethylpentane
2	2,4-Dimethylpentane	42	3-Methylhexane
3	2,2,3-Trimethylbutane	43	3-Ethylpentane
4	3,3-Dimethylpentane	44	2,2-Dimethylhexane
5	2-Methylhexane	45	2,5-Dimethyl hexane
6	2,3-Dimethylpentane	46	2,2,3-Trimethylpentane
7	3-Methylhexane	47	2,4-Dimethylhexane
8	3-Ethylpentane	48	2,3-Dimethylhexane
9	2,2-Dimethylhexane	49	2-Methylheptane
10	2,5-Dimethyl hexane	50	4-Methylheptane
11	2,2,3-Trimethylpentane	51	3-Methylheptane
12	2,4-Dimethylhexane	52	3-Ethylhexane
13	2,3-Dimethylhexane	53	2,5-Dimethylheptane
14	2-Methylheptane	54	3,3-Dimethylheptane
15	4-Methylheptane	55	2,3-Dimethylheptane
16	3-Methylheptane	56	3,5-Dimethylheptane
17	3-Ethylhexane	57	3,4-Dimethylheptane
18	2,5-Dimethylheptane	58	2-Methyloctane
19	3,3-Dimethylheptane	59	3,3-Diethylpentane
20	2,3-Dimethylheptane	60	3-Methyloctane
21	3,5-Dimethylheptane	61	2,2-Dimethyloctane
22	3,4-Dimethylheptane	62	3,3-Dimethyloctane
23	2-Methyloctane	63	2,3-Dimethyloctane
24	3,3-Diethylpentane	64	3-Ethylloctane
25	3-Methyloctane	65	2-Methylnonane
26	2,2-Dimethyloctane	66	3-Methylnonane
27	Isopentane		
28	3,3-Dimethyloctane		
29	2,3-Dimethylbutane		
30	2,3-Dimethyloctane		
31	2-Methylpentane		
32	3-Ethylloctane		
33	3-Methylpentane		
34	2-Methylnonane		
35	2,2-Dimethylpentane		
36	3-Methylnonane		
37	2,4-Dimethylpentane		
38	2,2,3-Trimethylbutane		
39	3,3-Dimethylpentane		
40	2-Methylhexane		

