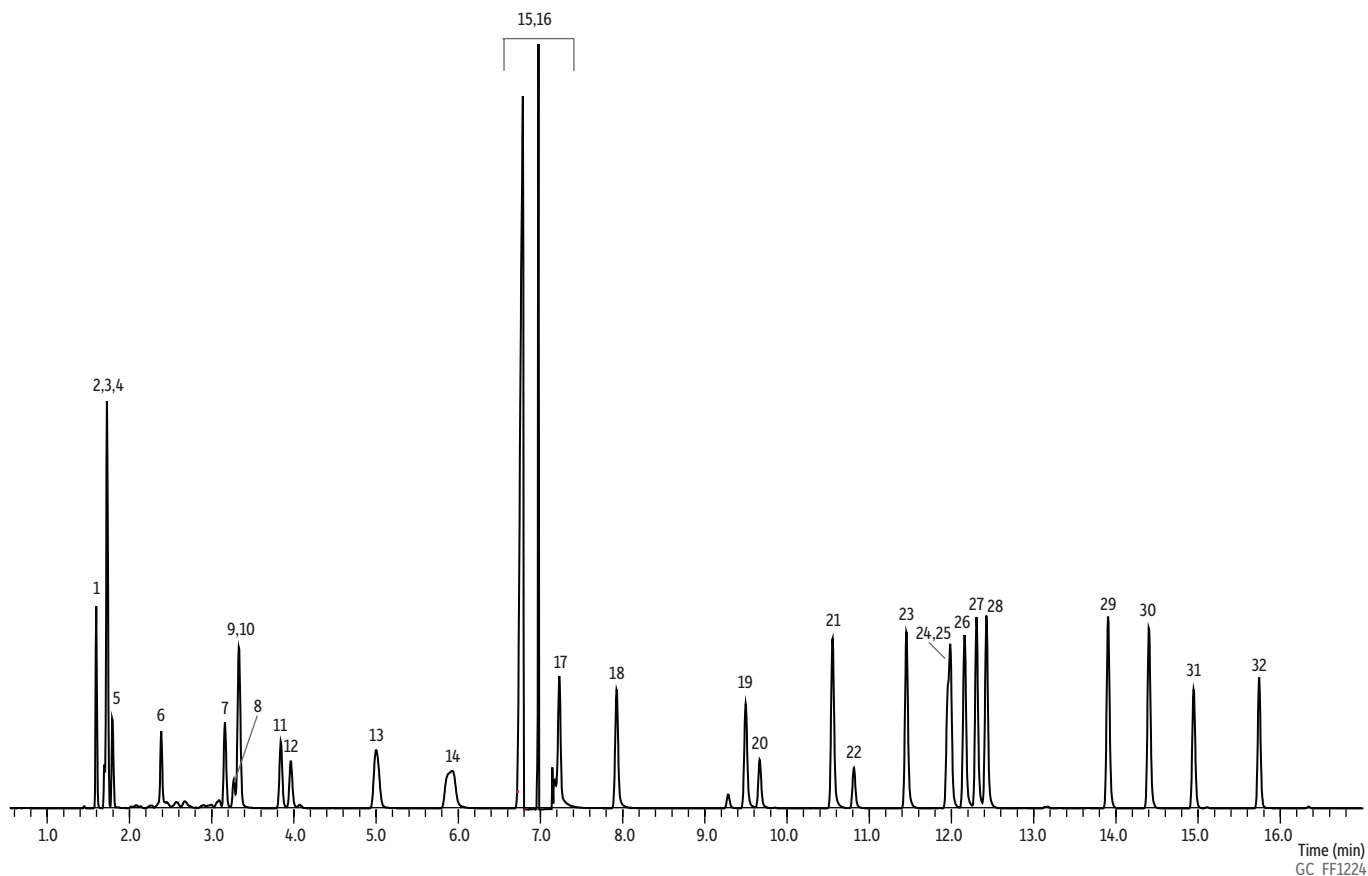


Alcohols and Acetates on Stabilwax®-MS

Peak	t _R (min)	Conc. (µg/mL)
1. <i>n</i> -Hexane	1.59	1,400
2. Hexane, 2-methyl-	1.72	200
3. Pentane, 2,3-dimethyl-	1.70	200
4. Hexane, 3-methyl-	1.72	500
5. Heptane	1.79	500
6. Acetone	2.38	1,400
7. Ethyl acetate	3.16	1,400
8. Methyl alcohol	3.26	1,400
9. Isopropyl acetate	3.28	1,400
10. 2-Butanone	3.32	1,400
11. Isopropyl alcohol	3.84	1,400
12. Ethanol	3.96	1,400
13. <i>n</i> -Propyl acetate	5.00	1,400
14. Methyl isobutyl ketone	5.92	1,400
15. Toluene*	6.78	
16. 1-Propanol**	6.90	1,400

Peak	t _R (min)	Conc. (µg/mL)
17. Methacrylic acid, ethyl ester	7.18	1,400
18. Acetic acid, butyl ester	7.92	1,400
19. <i>p</i> -Xylene	9.49	800
20. <i>m</i> -Xylene	9.66	300
21. Benzene, (1-methylethyl)-	10.55	1,400
22. <i>o</i> -Xylene	10.81	300
23. Benzene, propyl-	11.45	1,400
24. Ethanol, 2-(1-methylethoxy)-	11.95	1,400
25. <i>n</i> -Butyl methacrylate	11.99	1,400
26. Benzene, <i>tert</i> -butyl-	12.15	1,400
27. 1,3,5-Trimethylbenzene	12.30	1,400
28. Benzene, (1-methylpropyl)-	12.42	1,400
29. Benzene, butyl-	13.90	1,400
30. Benzene, 1,2,3-trimethyl-	14.40	1,400
31. Diacetone alcohol	14.94	1,400
32. Ethanol, 2-butoxy-	15.74	1,400

*Toluene is the dilution solvent. **1-Propanol elutes with the toluene peak.



Column Stabilwax®-MS, 30 m, 0.25 mm ID, 0.25 µm (cat.# 10673)
Sample Custom standard
Diluent: Toluene
Conc.: 1-7 ng on-column (injection solution concentration given in peak list for each analyte)
Injection
Inj. Vol.: 1 µL split (split ratio 200:1)
Liner: Premium 3.5 mm single taper w/wool (cat.# 23322.1)
Inj. Temp.: 250 °C
Oven
Oven Temp: 35 °C (hold 5.0 min) to 250 °C at 7.0 °C/min (hold 5.0 min)
Carrier Gas He, constant flow
Flow Rate: 1.0 mL/min
Linear Velocity: 36.1 cm/sec @ 35 °C

Detector MS
Mode: Scan
Scan Program: scans/sec
Transfer Line
Temp.: 260 °C
Analyzer Type: Quadrupole
Source Temp.: 250 °C
Electron Energy: 70 eV
Solvent Delay
Time: 0.50 min
Tune Type: PFTBA
Ionization Mode: EI
Instrument Shimadzu 2010 GC & QP2010+ MS