

**CoreFocus**  
**Report**  
**No.408**

GCMS

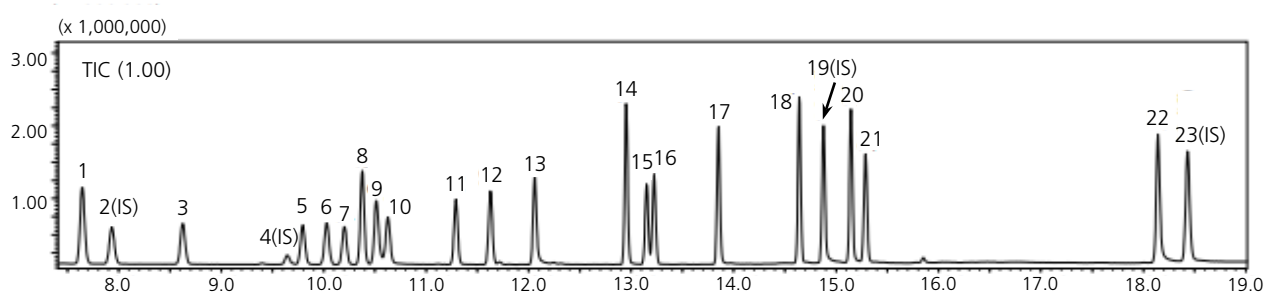
AOC

SH Series

**SH-624**

# Analysis of Halogenated Hydrocarbons and Glycol Ethers

**Keywords:** Residual solvent, Vehicle paint, GB/T 23992-2009, GB/T 23986-2009



1. Dichloromethane, 2. Methyl tert-butyl ether, 3. 1,1-Dichloroethene, 4. 2-Bromopropane, 5. Trichloromethane, 6. 1,1,1-Trichloroethane, 7. Carbon tetrachloride, 8. Ethylene glycol dimethyl ether, 9. Ethylene glycol monomethyl ether, 10. 1,2-Dichloroethane, 11. Trichloroethylene, 12. 1,2-Dichloropropane, 13. Ethylene glycol monoethyl ether, 14. Ethylene glycol diethyl ether, 15. 1,1,2-Trichloroethane, 16. Tetrachloroethylene, 17. Ethylene glycol monomethyl ether acetate, 18. Ethylene glycol monoethyl ether acetate, 19. Ethylene glycol monobutyl ether, 20. Diethylene glycol dimethyl ether, 21. 1,2,3-Trichloropropane, 22. Triethylene glycol dimethyl ether, 23. Methyl salicylate (100 µg/mL each)

Model	: GCMS-QP™2020 NX/AOC™-20i plus
Injection vol.	: 1.0 µL
Injection temp.	: 200 °C
Injection mode	: Split
Split ratio	: 10
Carrier gas	: He
Carrier gas control	: Constant linear velocity (25.4 cm/s)
Column	: SH-624 (60m x 0.32 mm I.D., 1.80 µm) P/N : 221-75864-60
Column oven temp.	: 35 °C (2 min) – 10 °C/min – 120 °C – 30 °C/min – 230 °C (8 min)
Ion source temp.	: 230 °C
Interface temp.	: 230 °C
Ionization method	: EI
Measurement mode	: Scan
Scan range	: <i>m/z</i> 20 - 250
Event time	: 0.3 s

Source : Application News 03-GCM-365 ([JP](#))

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