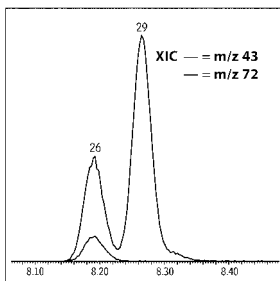


## EV10 揮発性有機化合物 Semivolatiles SH-Rxi™-624Sil MS

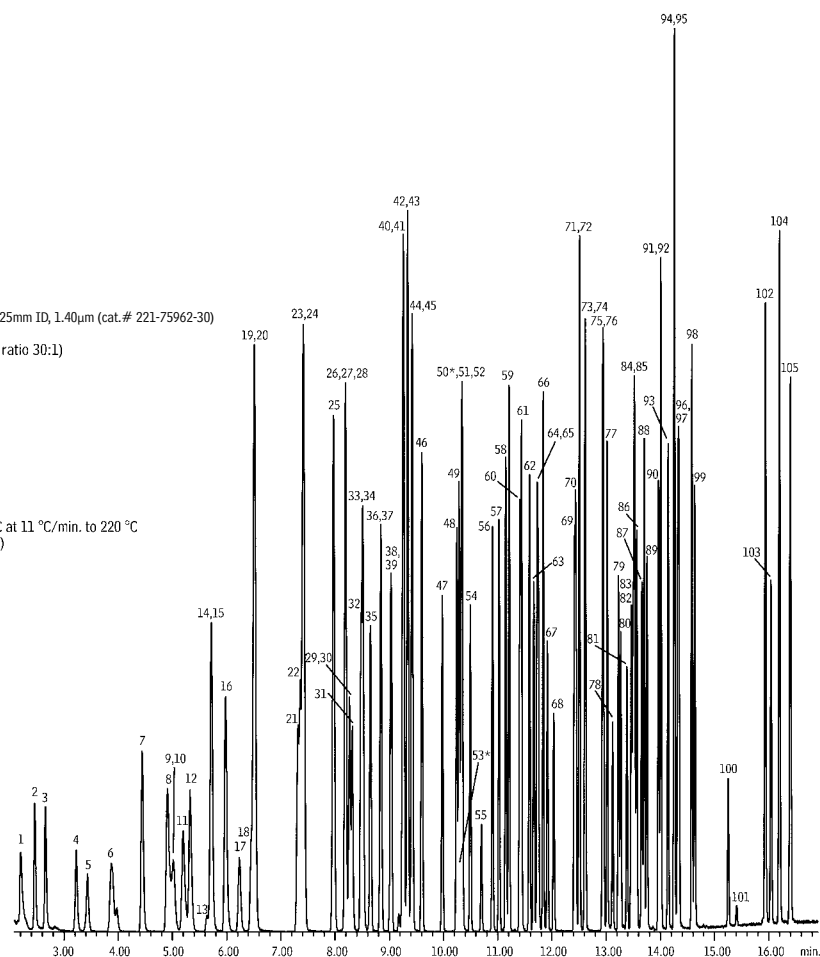
30 m, 0.25 mm ID, 1.40 μm (P/N: 221-75962-30)

低アブリード



**Column:** SH-Rxi™-624Sil MS, 30m, 0.25mm ID, 1.40μm (cat.# 221-75962-30)  
**Conc.:** 25 ppb in RO water  
**Injection:** purge and trap split (split ratio 30:1)  
**Inj. Temp.:** 225 °C  
**Purge and Trap:**  
**Instrument:** O1 Analytical 4660  
**Trap Type:** 10 Trap  
**Purge:** 11 min. @ 20 °C  
**Desorb Preheat Temp.:** 180 °C  
**Desorb:** 0.5 min. @ 190 °C  
**Bake:** 5 min. @ 210 °C  
**Interface Connection:** injection port  
**Oven:**  
**Oven Temp:** 35 °C (hold 5 min.) to 60 °C at 11 °C/min. to 220 °C at 20 °C/min. (hold 2 min.)  
**Carrier Gas:** He, constant flow  
**Flow Rate:** 1.0 mL/min.  
**Detector:** MS  
**Mode:** Scan  
**Transfer Line Temp.:** 230 °C  
**Analyzer Type:** Quadrupole  
**Source Temp.:** 230 °C  
**Quad Temp.:** 150 °C  
**Electron Energy:** 70 eV  
**Solvent Delay Time:** 1.5 min.  
**Tune Type:** BFB  
**Ionization Mode:** EI  
**Scan Range:** 36-260 amu

**Notes**  
**Other Purge and Trap Conditions:**  
**Sample Inlet:** 40°C  
**Sample:** 40°C  
**Water Management:**  
**Purge** 110°C, **Desorb** 0°C, **Bake**, 240°C



Peaks	RT (min.)	20.	6.512	44.	9.421	66.	11.837	90.	13.965
1. Dichlorodifluoromethane (CFC-12)	2.198	21. <i>trans</i> -1,2-Dichloroethene	7.315	45. <i>tert</i> -Amyl methyl ether (TAME)	9.421	67. Dibromochloromethane	11.921	91. Pentachloroethane	14.007
2. Chloromethane	2.459	22. Vinyl acetate	7.359	46. Fluorobenzene	9.598	68. 1,2-Dibromoethane (EDB)	12.035	92. 1,2,4-Trimethylbenzene	14.010
3. Vinyl chloride	2.659	23. Diisopropyl ether (DIPE)	7.407	47. Trichlorobenzene	9.976	69. Chlorobenzene-d5	12.412	93. <i>sec</i> -Butylbenzene	14.140
4. Bromomethane	3.226	24. Chloroprene	7.429	48. 1,2-Dichloropropane	10.243	70. Chlorobenzene	12.440	94. 4-Isopropyltoluene ( <i>p</i> -cymene)	14.254
5. Chloroethane	3.434	25. Ethyl <i>tert</i> -butyl ether (ETBE)	7.970	49. Methyl methacrylate	10.290	71. Ethylbenzene	12.507	95. 1,3-Dichlorobenzene	14.263
6. Trichlorofluoromethane (CFC-11)	3.876	26. 2-Butanone (MEK)	8.193	50. 1,4-Dioxane (ND)	10.299*	72. 1,1,1,2-Tetrachloroethane	12.612	96. 1,4-Dichlorobenzene-D4	14.321
7. Diethyl ether (ethyl ether)	4.440	27. <i>cis</i> -1,2-Dichloroethene	8.193	51. Dibromomethane	10.326	73. <i>m</i> -Xylene	12.612	97. 1,4-Dichlorobenzene	14.340
8. 1,1-Dichloroethene	4.909	28. 2,2-Dichloropropane	8.265	52. Propyl acetate	10.346	74. <i>p</i> -Xylene	12.935	98. <i>n</i> -Butylbenzene	14.579
9. 1,1,2-Trichlorotrifluoroethane (CFC-113)	4.988	29. Ethyl acetate	8.318	53. 2-Chloroethanol (ND)	10.368*	75. <i>o</i> -Xylene	12.949	99. 1,2-Dichlorobenzene	14.635
10. Acetone	5.029	30. Propionitrile	8.476	54. Bromodichloromethane	10.496	76. Styrene	13.018	100. 1,2-Dibromo-3-chloropropane (DBCP)	15.252
11. Iodomethane	5.195	31. Methyl acrylate	8.507	55. 2-Nitropropane	10.698	77. <i>n</i> -Amyl acetate	13.118	101. Nitrobenzene	15.407
12. Carbon disulfide	5.323	32. Methacrylonitrile	8.521	56. <i>cis</i> -1,3-Dichloropropene	10.904	78. Bromoform	13.226	102. 1,2,4-Trichlorobenzene	15.935
13. Acetonitrile	5.637	33. Bromochloromethane	8.551	57. 4-Methyl-2-pentanone (MIBK)	11.026	79. Isopropylbenzene (cumene)	13.268	103. Hexachloro-1,3-butadiene	16.040
14. Allyl chloride	5.715	34. Tetrahydrofuran	8.651	58. Toluene-D8	11.148	80. <i>cis</i> -1,4-Dichloro-2-butene	13.385	104. Naphthalene	16.196
15. Methyl acetate	5.723	35. Chloroform	8.848	59. Toluene	11.210	81. 4-Bromofluorobenzene	13.456	105. 1,2,3-Trichlorobenzene	16.396
16. Methylene chloride	5.981	36. 1,1,1-Trichloroethane	8.848	60. <i>trans</i> -1,3-Dichloropropene	11.407	82. 1,1,2,2-Tetrachloroethane	13.496		
17. <i>tert</i> -Butyl alcohol	6.234	37. Dibromofluoromethane	9.037	61. Ethyl methacrylate	11.435	83. <i>trans</i> -1,4-Dichloro-2-butene	13.515		
18. Acrylonitrile	6.451	38. Carbon tetrachloride	9.037	62. 1,1,2-Trichloroethane	11.585	84. Bromobenzene	13.526		
19. Methyl <i>tert</i> -butyl ether (MTBE)	6.509	39. 1,1-Dichloropropene	9.246	63. Trichloroethene	11.662	85. 1,2,3-Trichloropropene	13.565		
		40. Benzene	9.262	64. 1,3-Dichloropropane	11.729	86. <i>n</i> -Propylbenzene	13.657		
		41. 1,2-Dichloroethane	9.334	65. 2-Hexanone	11.749	87. 2-Chlorotoluene	13.699		
		42. 1,2-Dichloroethane	9.340			88. 1,3,5-Trimethylbenzene	13.751		
		43. Isopropyl acetate				89. 4-Chlorotoluene			

\* ND = not detected; retention time determined by wet needle injection