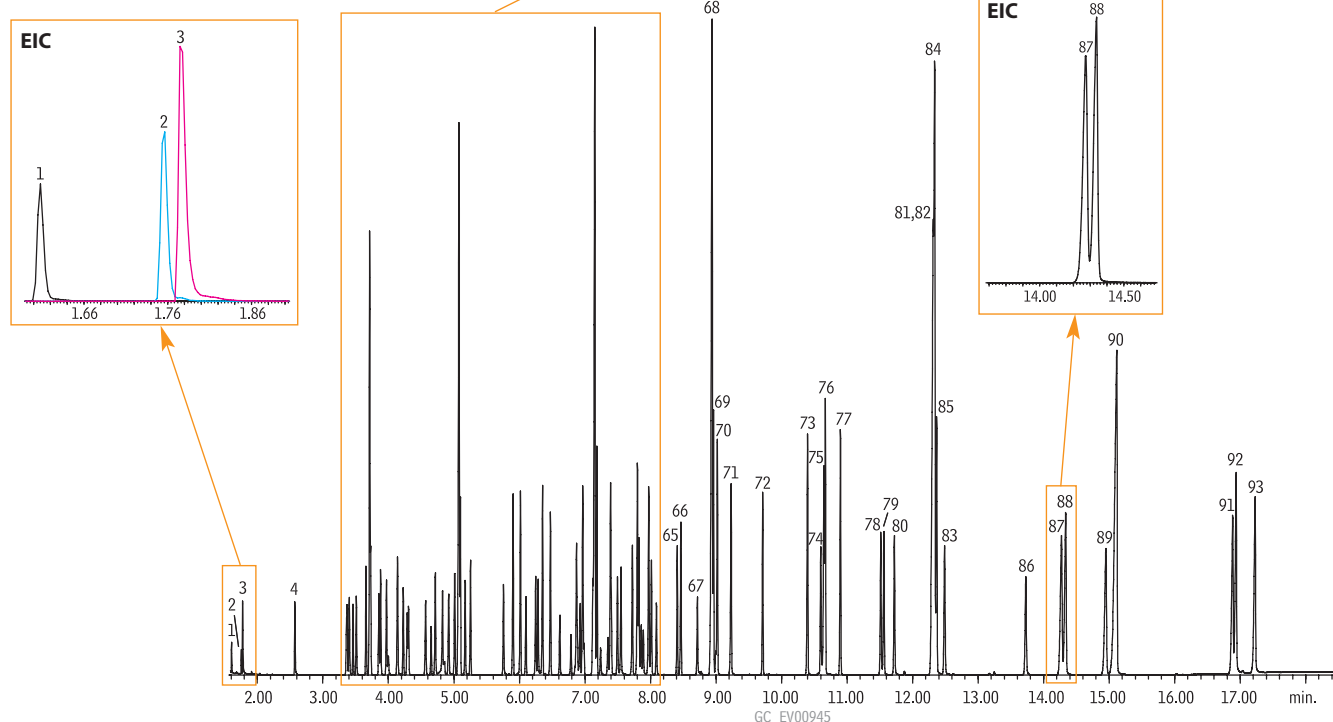
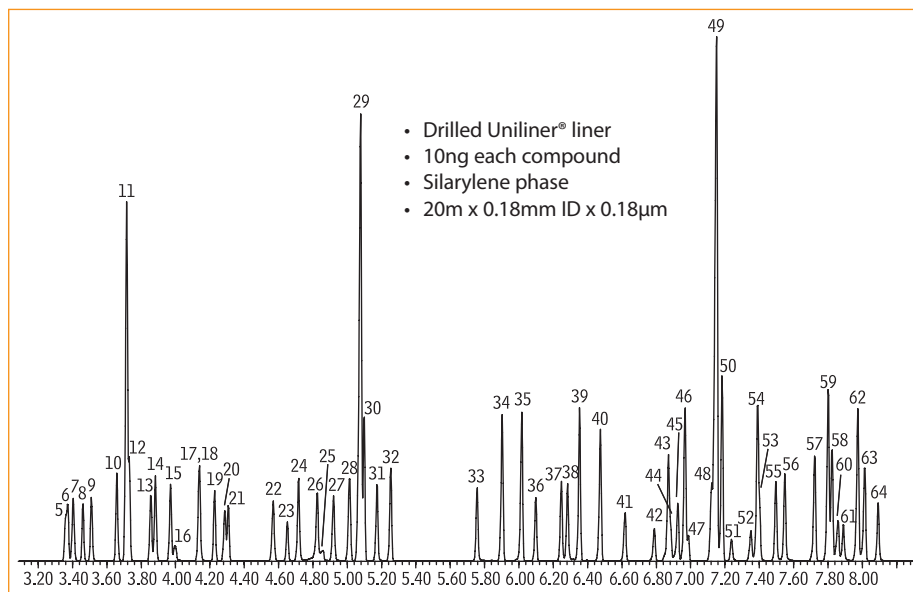


## Semivolatile Organics US EPA Method 8270 Rxi®-5Sil MS

new!

Column: Rxi®-5Sil MS, 20m, 0.18mm ID, 0.18 $\mu$ m (cat.# 43602)  
 Sample: US EPA Method 8270D Mix, 1 $\mu$ L of 10 $\mu$ g/mL (IS 40 $\mu$ g/mL) 8270 MegaMix® (cat.# 31850) Benzoic Acid (cat.# 31879) 8270 Benzidines Mix (cat.# 31852) Acid Surrogate Mix (4/89 SOW) (cat.# 31025) Revised B/N Surrogate Mix (cat.# 31887) 1,4-Dioxane (cat.# 31853) SV Internal Standard Mix (cat.# 31206)  
 Inj.: 1.0 $\mu$ L (10ng on-column concentration), 4mm Drilled Uniliner® (hole near bottom) inlet liner (cat.# 20756), pulsed splitless: pulse 20psi @ 0.2 min., 60mL/min. @ 0.15 min.  
 Inj. temp.: 250°C  
 Carrier gas: helium, constant flow  
 Flow rate: 1.0mL/min.  
 Oven temp.: 50°C (hold 0.5 min.) to 260°C @ 20°C/min. to 280°C @ 5°C/min. to 330°C @ 20°C/min. (hold 1.0 min.)  
 Det.: MS  
 Transfer line temp: 280°C  
 Scan range: 35-550amu  
 Ionization: EI  
 Mode: scan



- |                                   |  |                               |  |                                   |                                   |
|-----------------------------------|--|-------------------------------|--|-----------------------------------|-----------------------------------|
| 1. 1,4-dioxane                    | 18. <i>n</i> -nitroso- <i>n</i> -propylamine | 35. 1-methylnaphthalene       | 52. 4-nitrophenol                                  | 67. pentachlorophenol             | 84. chrysene                      |
| 2. <i>n</i> -nitrosodimethylamine | 19. hexachloroethane                         | 36. hexachlorocyclopentadiene | 53. dibenzofuran                                   | 68. phenanthrene-d10 (IS)         | 85. bis(2-ethylhexyl) phthalate   |
| 3. pyridine                       | 20. nitrobenzene-d5 (SS)                     | 37. 2,4,6-trichlorophenol     | 54. 2,4-dinitrotoluene                             | 69. phenanthrene                  | 86. di- <i>n</i> -octyl phthalate |
| 4. 2-fluorophenol (SS)            | 21. nitrobenzene                             | 38. 2,4,5-trichlorophenol     | 55. 2,3,5,6-tetrachlorophenol                      | 70. anthracene                    | 87. benzo(b)fluoranthene          |
| 5. phenol-d6 (SS)                 | 22. isophorone                               | 39. 2-fluorobiphenyl (SS)     | 56. 2,3,4,6-tetrachlorophenol                      | 71. carbazole                     | 88. benzo(k)fluoranthene          |
| 6. phenol                         | 23. 2-nitrophenol                            | 40. 2-chloronaphthalene       | 57. diethyl phthalate                              | 72. di- <i>n</i> -butyl phthalate | 89. benzo(a)pyrene                |
| 7. aniline                        | 24. 2,4-dimethylphenol                       | 41. 2-nitroaniline            | 58. fluorene                                       | 73. fluoranthene                  | 90. perylene-d12 (IS)             |
| 8. bis(2-chloroethyl) ether       | 25. bis(2-chloroethoxy)methane               | 42. 1,4-dinitrobenzene        | 59. 4-chlorophenyl phenyl ether                    | 74. benzidine                     | 91. dibenzo(a,h)anthracene        |
| 9. 2-chlorophenol                 | 26. benzoic acid                             | 43. dimethyl phthalate        | 60. 4-nitroaniline                                 | 75. pyrene-d10 (SS)               | 92. indeno(1,2,3-cd)pyrene        |
| 10. 1,3-dichlorobenzene           | 27. 2,4-dichlorophenol                       | 44. 1,3-dinitrobenzene        | 61. 4,6-dinitro-2-methylphenol                     | 76. pyrene                        | 93. benzo(ghi)perylene            |
| 11. 1,4-dichlorobenzene-d4 (IS)   | 28. 1,2,4-trichlorobenzene                   | 45. 2,6-dinitrotoluene        | 62. <i>n</i> -nitrosodiphenylamine (diphenylamine) | 77. <i>p</i> -terphenyl-d14 (SS)  |                                   |
| 12. 1,4-dichlorobenzene           | 29. naphthalene-d8 (IS)                      | 46. 1,2-dinitrobenzene        | 63. 1,2-diphenylhydrazine (as azobenzene)          | 78. 3,3'-dimethylbenzidine        |                                   |
| 13. benzyl alcohol                | 30. naphthalene                              | 47. acenaphthylene            | 64. 2,4,6-tribromophenol (SS)                      | 79. butyl benzyl phthalate        |                                   |
| 14. 1,2-dichlorobenzene           | 31. 4-chloroaniline                          | 48. 3-nitroaniline            | 65. 4-bromophenyl phenyl ether                     | 80. bis(2-ethylhexyl) adipate     |                                   |
| 15. 2-methylphenol                | 32. hexachlorobutadiene                      | 49. acenaphthene-d10 (IS)     | 66. hexachlorobenzene                              | 81. benzo(a)anthracene            |                                   |
| 16. bis(2-chloroisopropyl) ether  | 33. 4-chloro-3-methylphenol                  | 50. acenaphthene              |  | 82. 3,3'-dichlorobenzidine        |                                   |
| 17. 4-methylphenol/3-methylphenol | 34. 2-methylnaphthalene                      | 51. 2,4-dinitrophenol         |  | 83. chrysene-d12 (IS)             |                                   |