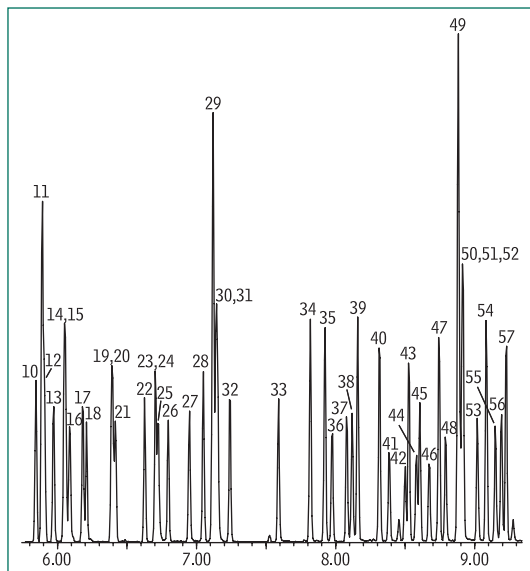
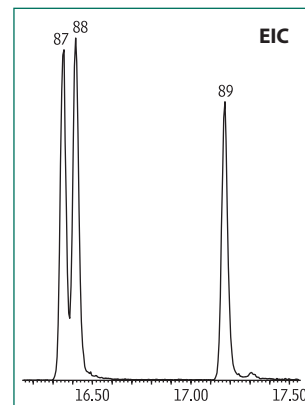
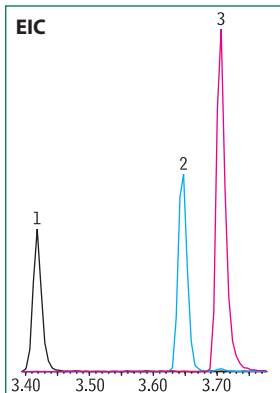


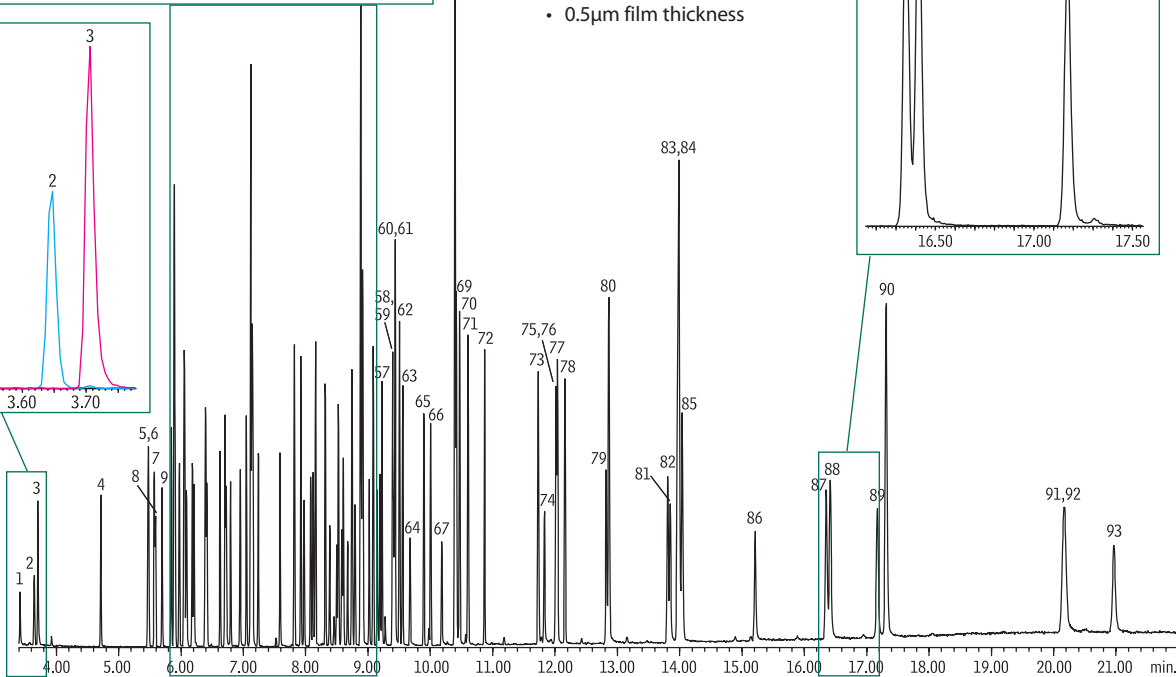
Semivolatile Organics
US EPA Method 8270
Rxi®-5Sil MS



Column: Rxi®-5Sil MS, 30m, 0.25mm ID, 0.5µm (cat.# 13638)
 Sample: US EPA Method 8270D Mix, 1µL of 10µg/mL (IS 40µg/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.: 1.0µL (10ng on-column concentration),
 4mm Drilled Uniliner® (hole near bottom) inlet liner (cat.# 20756),
 pulsed splitless: pulse 30psi @ 0.3 min., 40mL/min. @ 0.25 min.
 Inj. temp.: 250°C
 Carrier gas: helium, constant flow
 Flow rate: 1.2mL/min.
 Oven temp.: 40°C (hold 1.0 min.) to 280°C @ 25°C/min. to 320°C @ 5°C/min. (hold 3.5 min.)
 Det.: MS
 Transfer line temp: 280°C
 Scan range: 35-550amu
 Ionization: EI
 Mode: scan



- Drilled Uniliner® liner
- 10ng each compound
- Silarylene phase
- 0.5µm film thickness



GC_EV00944

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