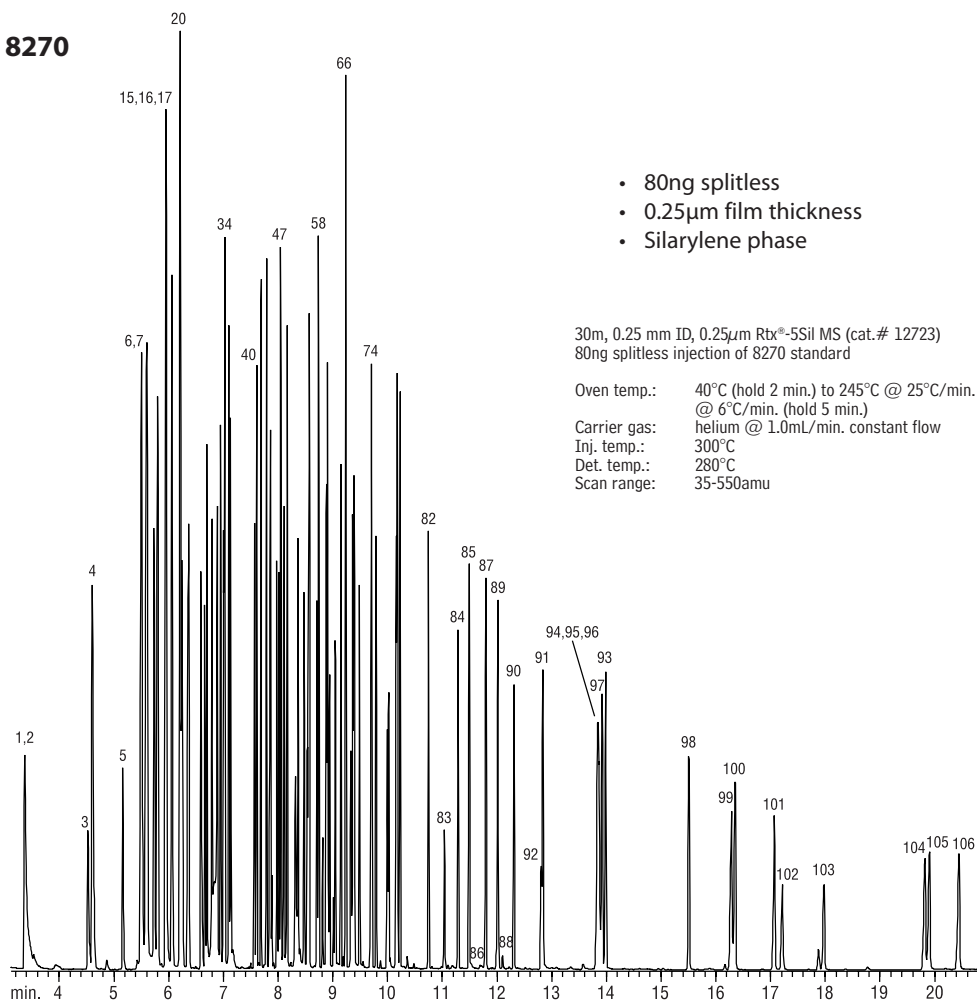


**Semivolatiles**  
**US EPA Method 8270**  
**Rtx®-5Sil MS**

- 80ng splitless
- 0.25µm film thickness
- Silarylene phase



30m, 0.25 mm ID, 0.25µm Rtx®-5Sil MS (cat.# 12723)  
 80ng splitless injection of 8270 standard

Oven temp.: 40°C (hold 2 min.) to 245°C @ 25°C/min. to 330°C @ 6°C/min. (hold 5 min.)  
 Carrier gas: helium @ 1.0mL/min. constant flow  
 Inj. temp.: 300°C  
 Det. temp.: 280°C  
 Scan range: 35-550amu

GC\_EV00545

RT	RT	RT	RT
1.2	35. 2,6-dichlorophenol	7.10	71. azobenzene
3.38	36. 4-chloroaniline	7.12	72. 2,4,6-tribromophenol (SS)
3.37	37. hexachloropropene	7.10	73. phenacetin
4.53	38. hexachlorobutadiene	7.14	74. 4-bromophenyl phenyl ether
4.61	39. 4-chloro-3-methylphenol	7.57	75. hexachlorobenzene
5.16	40. isosafrole	7.61	76. pentachlorophenol
5.51	41. 2-methylnaphthalene	7.69	77. pentachloronitrobenzene
5.50	42. 1-methylnaphthalene	7.79	78. dinoseb
5.52	43. hexachlorocyclopentadiene	7.85	79. phenanthrene-d10 (IS)
5.58	44. 1,2,4,5-tetrachlorobenzene	7.86	80. phenanthrene
5.60	45. 2,4,6-trichlorophenol	7.98	81. anthracene
5.61	46. 2,4,5-trichlorophenol	8.02	82. di- <i>n</i> -butylphthalate
5.73	47. 2-fluorobiphenyl (SS)	8.05	83. 4-nitroquinoline-1-oxide
5.79	48. safrole	8.11	84. isodrin
5.80	49. 2-chloronaphthalene	8.17	85. fluoranthene
5.96	50. 2-nitroaniline	8.32	86. benzidine
5.94	51. 1,4-naphthoquinone	8.37	87. pyrene
5.96	52. dimethylphthalate	8.48	88. Aramite
6.06	53. 1,3-dinitrobenzene	8.54	89. <i>p</i> -terphenyl-d14 (SS)
6.06	54. 2,6-dinitrotoluene	8.56	90. chlorbenzilate
6.22	55. acenaphthylene	8.57	91. butyl benzyl phthalate
6.22	56. 3-nitroaniline	8.68	92. Kepone
6.24	57. acenaphthene-d10 (IS)	8.71	93. bis(2-ethylhexyl)phthalate
6.20	58. acenaphthene	8.74	94. chrysene-d12 (IS)
6.25	59. 2,4-dinitrophenol	8.82	95. 3,3'-dichlorobenzidine
6.35	60. 4-nitrophenol	8.91	96. benzo(a)anthracene (IS)
6.37	61. pentachlorobenzene	8.89	97. chrysene
6.59	62. 2,4-dinitrotoluene	8.94	98. di- <i>n</i> -octyl phthalate
6.70	63. dibenzofuran	8.91	99. benzo(b)fluoranthene
6.66	64. 2,3,4,6-tetrachlorophenol	9.05	100. benzo(k)fluoranthene
6.87	65. diethyl phthalate	9.15	101. benzo(a)pyrene
6.79	66. 4-chlorophenyl phenyl ether	9.24	102. perylene-d12 (IS)
6.89	67. fluorene	9.24	103. 3-methylcholanthrene
6.95	68. 4-nitroaniline	9.30	104. indeno(1,2,3- <i>cd</i> )pyrene
7.00	69. 4,6-dinitro-2-methylphenol	9.33	105. dibenzo(a,h)anthracene
7.03	70. diphenylamine	9.37	106. benzo(ghi)perylene