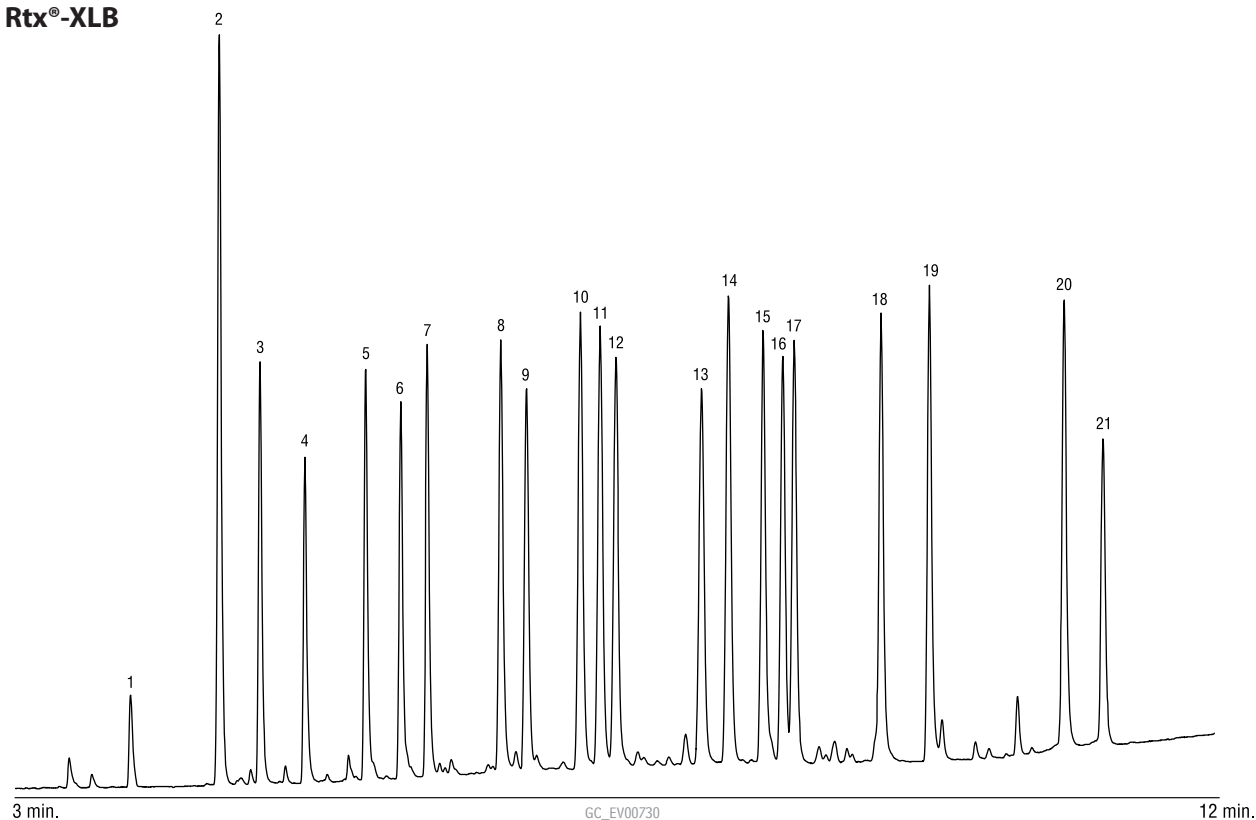


PCB Congeners
Rtx®-XLB



Column: Rtx®-XLB, 30m, 0.32mm ID, 0.50µm (cat.# 12839)
 Sample: 200ppb each PCB congener in hexane (cat.# 32416), 200ppb
 2,4,5,6-tetrachloro-*m*-xylene (SS) (cat.# 32027), 100ppb
 decachlorobiphenyl (IS) (cat.# 32289)
 Inj.: 1.0µL splitless (hold 0.75 min.), 4mm Drilled Uniliner® inlet liner (cat.# 21055)
 Inj. temp.: 220°C
 Carrier gas: hydrogen, constant pressure
 Linear velocity: 66cm/sec. @ 120°C
 Oven temp.: 120°C (hold 0.5 min.) to 260°C @ 29°C/min. (hold 2.5 min.), to 330°C @
 28°C/min. (hold 5 min.)
 Det.: ECD @ 320°C

Compound	RT (min.)
1. 2-chlorobiphenyl (BZ #1)	3.86
2. 2,4,5,6 tetrachloro- <i>m</i> -xylene (SS)	4.53
3. 2,3-dichlorobiphenyl (BZ #5)	4.83
4. 2,2',5-trichlorobiphenyl (BZ #18)	5.17
5. 2,4',5-trichlorobiphenyl (BZ #31)	5.63
6. 2,2',5,5'-tetrachlorobiphenyl (BZ #52)	5.89
7. 2,2',3,5'-tetrachlorobiphenyl (BZ #44)	6.09
8. 2,3',4,4'-tetrachlorobiphenyl (BZ #66)	6.64
9. 2,2',4,5,5'-pentachlorobiphenyl (BZ #101)	6.84
10. 2,2',3,4,5'-pentachlorobiphenyl (BZ #87)	7.24
11. 2,3,3',4',6-pentachlorobiphenyl (BZ #110)	7.39
12. 2,2',3,5,5'-hexachlorobiphenyl (BZ #151)	7.51
13. 2,2',4,4',5,5'-hexachlorobiphenyl (BZ #153)	8.15
14. 2,2',3,4,5,5'-hexachlorobiphenyl (BZ #141)	8.35
15. 2,2',3,4,4',5'-hexachlorobiphenyl (BZ #138)	8.61
16. 2,2',3,4',5,5',6-heptachlorobiphenyl (BZ #187)	8.76
17. 2,2',3,4,4',5',6-heptachlorobiphenyl (BZ #183)	8.84
18. 2,2',3,4,4',5,5'-heptachlorobiphenyl (BZ #180)	9.50
19. 2,2',3,3',4,4',5-heptachlorobiphenyl (BZ #170)	9.86
20. 2,2',3,3',4,4',5,5',6-nonachlorobiphenyl (BZ #206)	10.87
21. decachlorobiphenyl (SS)	11.17



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