

EC-5414-CS1

Mono-Deca + Predominant PCB Calibration
Solution CS1 (unlabeled/¹³C₁₂, 99%)0.2 mL
in Nonane

Native Compounds	IUPAC#	Concentration (ng/mL)
4-MonoCB	3	4
2,4'-DiCB	8	4
2,4,4'-TriCB	28	2
2,2',5,5'-TetraCB	52	2
2,2',4,5,5'-PentaCB	101	2
2,3',4,4',5-PentaCB	118	2
2,3,4,4',5-PentaCB	114	2
2,2',3,4,4',5'-HexaCB	138	2
2,2',4,4',5,5'-HexaCB	153	2
2,2',3,4,4',5,5'-HeptaCB	180	2
2,2',3,3',4,4',5,5'-OctaCB	194	4
2,2',3,3',4,4',5,5',6-NonaCB	206	4
DecaCB	209	4
¹³ C-Labeled Compounds		Concentration (ng/mL)
4-MonoCB (¹³ C ₁₂ , 99%)	3L	100
2,4'-DiCB (¹³ C ₁₂ , 99%)	8L	100
2,4,4'-TriCB (¹³ C ₁₂ , 99%)	28L	100
2,2',5,5'-TetraCB (¹³ C ₁₂ , 99%)	52L	100
2,2',4,5,5'-PentaCB (¹³ C ₁₂ , 99%)	101L	100
2,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%)	118L	100
2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%)	114L	100
2,2',3,4,4',5'-HexaCB (¹³ C ₁₂ , 99%)	138L	100
2,2',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%)	153L	100
2,2',3,4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%)	180L	100
2,2',3,3',4,4',5,5'-OctaCB (¹³ C ₁₂ , 99%)	194L	100
2,2',3,3',4,4',5,5',6-NonaCB (¹³ C ₁₂ , 99%)	206L	100
DecaCB (¹³ C ₁₂ , 99%)	209L	100
2,4',6-TriCB (¹³ C ₁₂ , 99%)	32L	100
2,3',4',5-TetraCB (¹³ C ₁₂ , 99%)	70L	100
3,3',4,5,5'-PentaCB (¹³ C ₁₂ , 99%)	127L	100
2,2',3,3',4,4'-HexaCB (¹³ C ₁₂ , 99%)	128L	100
2,2',3,3',4,4',5-HeptaCB (¹³ C ₁₂ , 99%)	170L	100