

Supplementary Material:

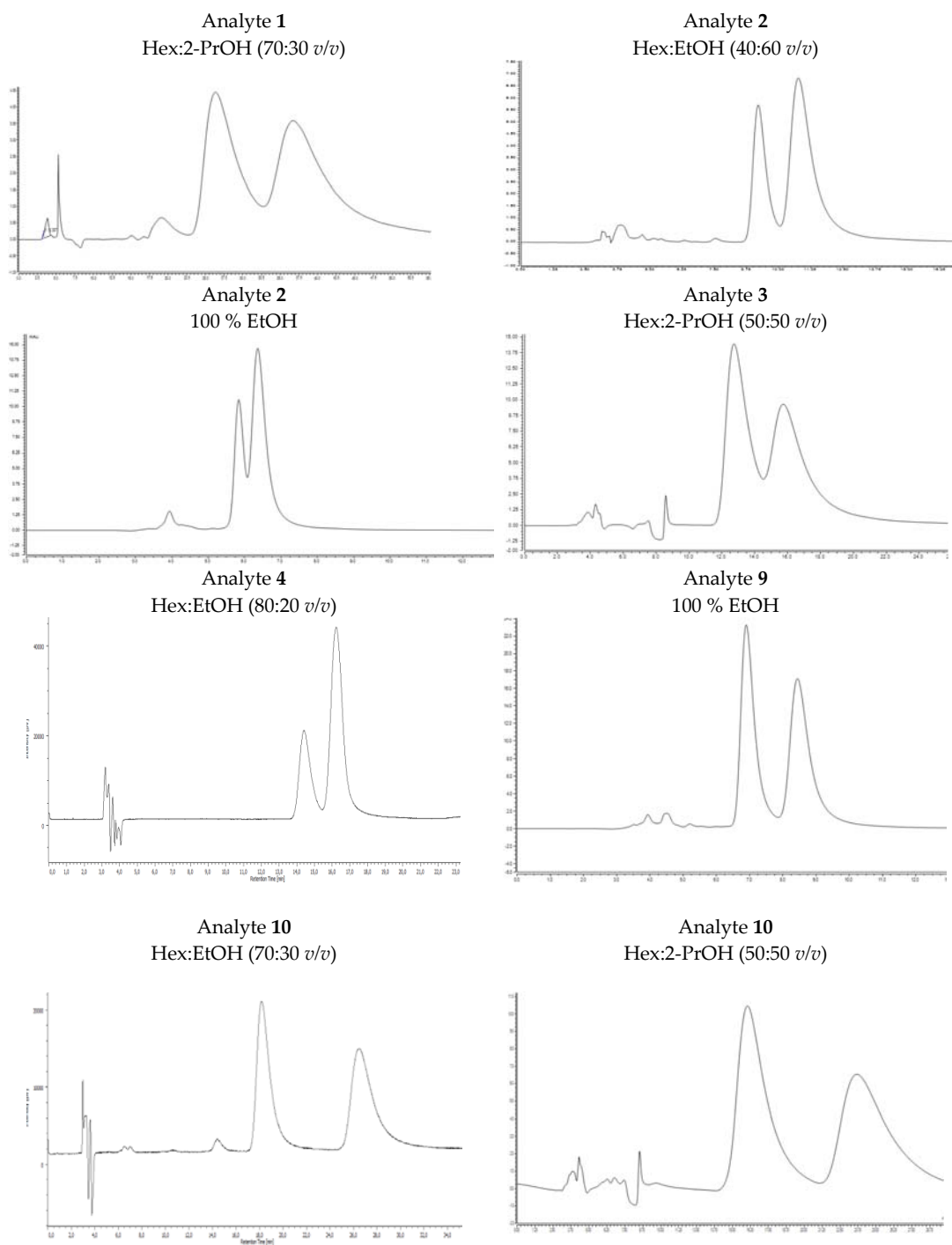


Figure 1: Chromatograms for the enantioseparation of analytes 1-4, 9 and 10 on Chirobiotic T column using different mobile phases. Chromatographic conditions: Flow rate: 0.5 mL/min, UV detection at 254 nm.

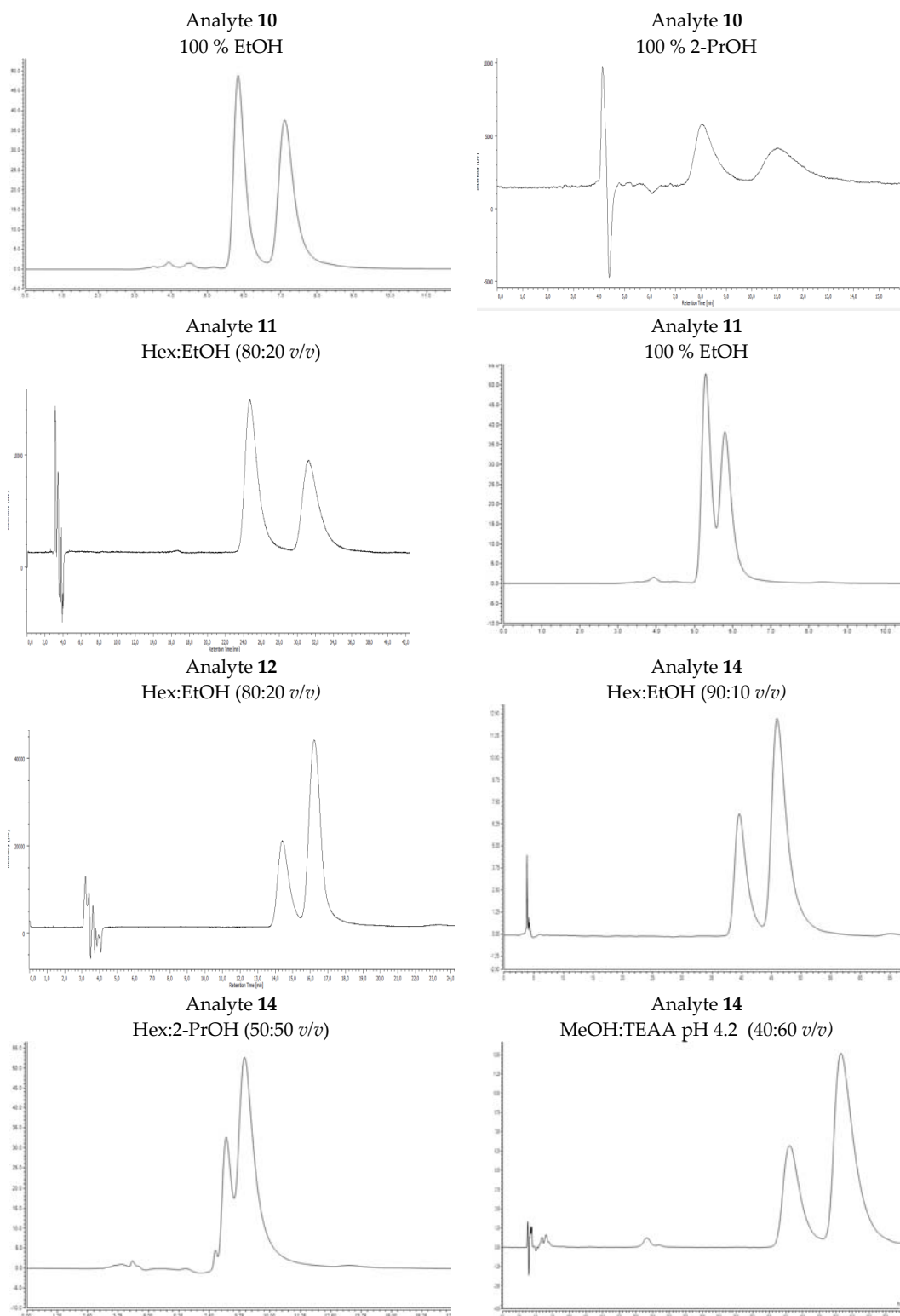


Figure 2: Chromatograms for the enantioseparation of analytes 10-12 and 14 on Chirobiotic T column using different mobile phases. Chromatographic conditions: Flow rate: 0.5 mL/min, UV detection at 254 nm.

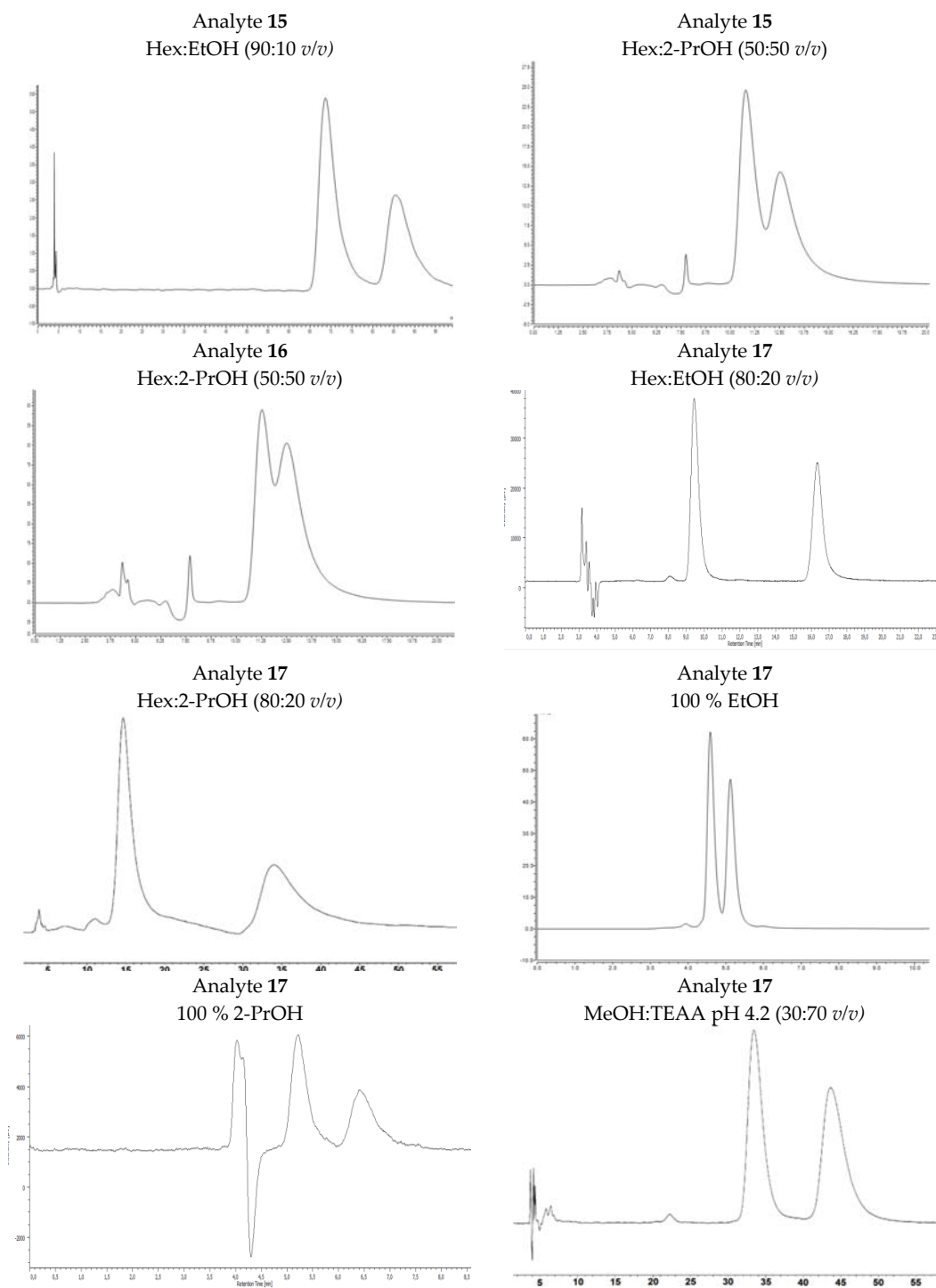


Figure 3: Chromatograms for the enantioseparation of analytes 15-17 on Chirobiotic T column using different mobile phases. Chromatographic conditions: Flow rate: 0.5 mL/min, UV detection at 254 nm.

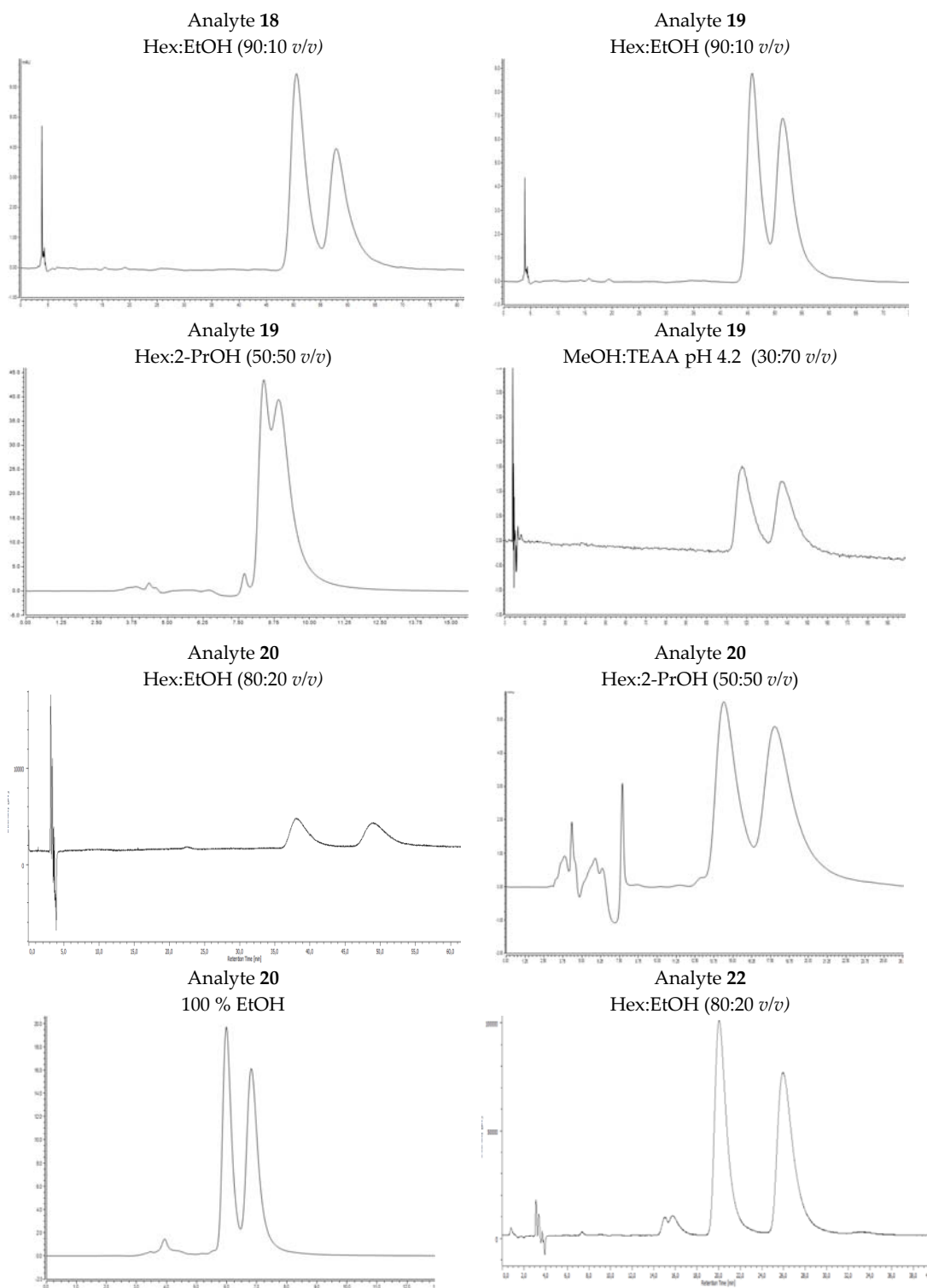


Figure 4: Chromatograms for the enantioseparation of analytes 18-20 and 22 on Chirobiotic T column using different mobile phases. Chromatographic conditions: Flow rate: 0.5 mL/min, UV detection at 254 nm.

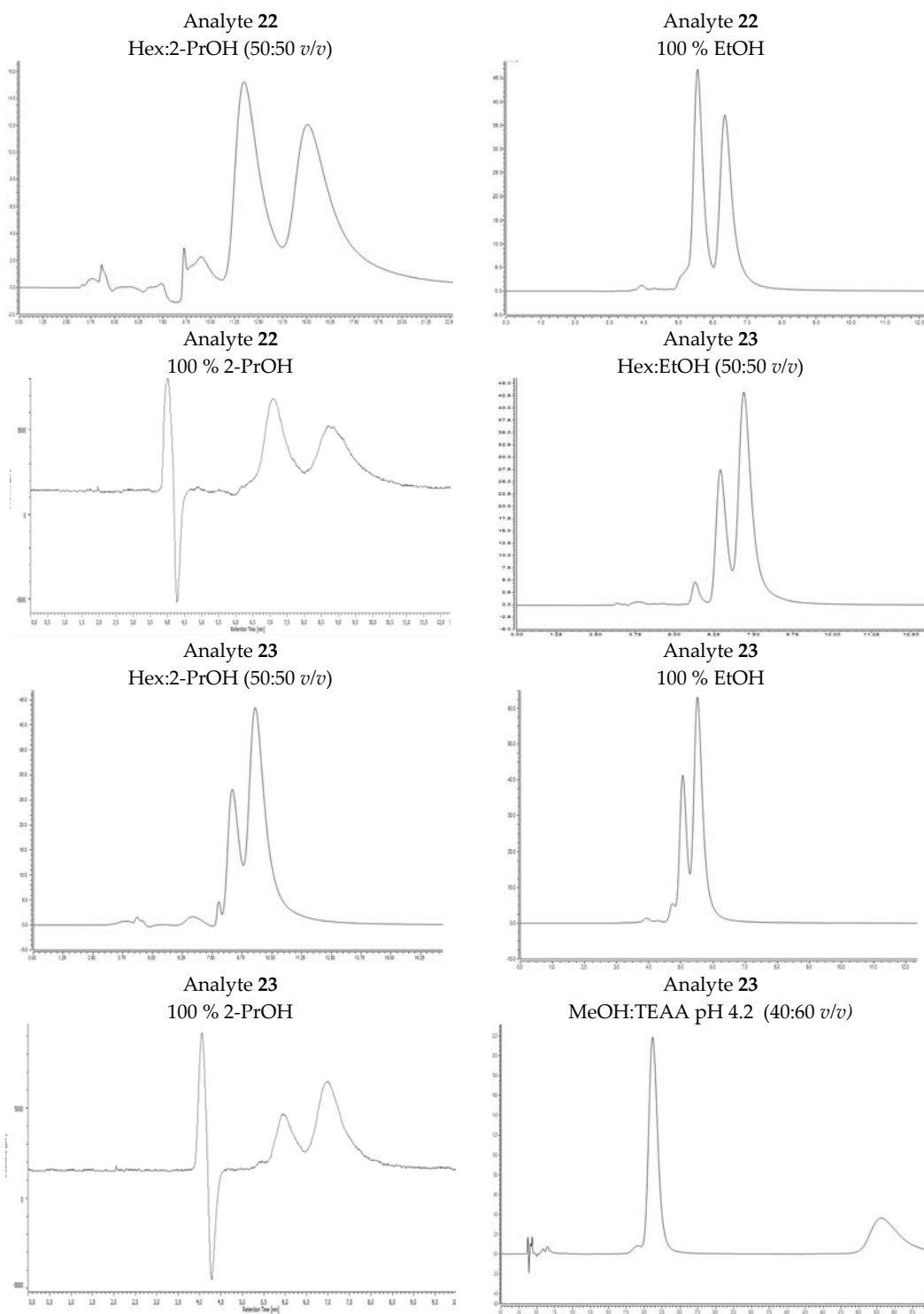


Figure 5: Chromatograms for the enantioseparation of analytes 22 and 23 on Chirobiotic T column using different mobile phases. Chromatographic conditions: Flow rate: 0.5 mL/min, UV detection at 254 nm.

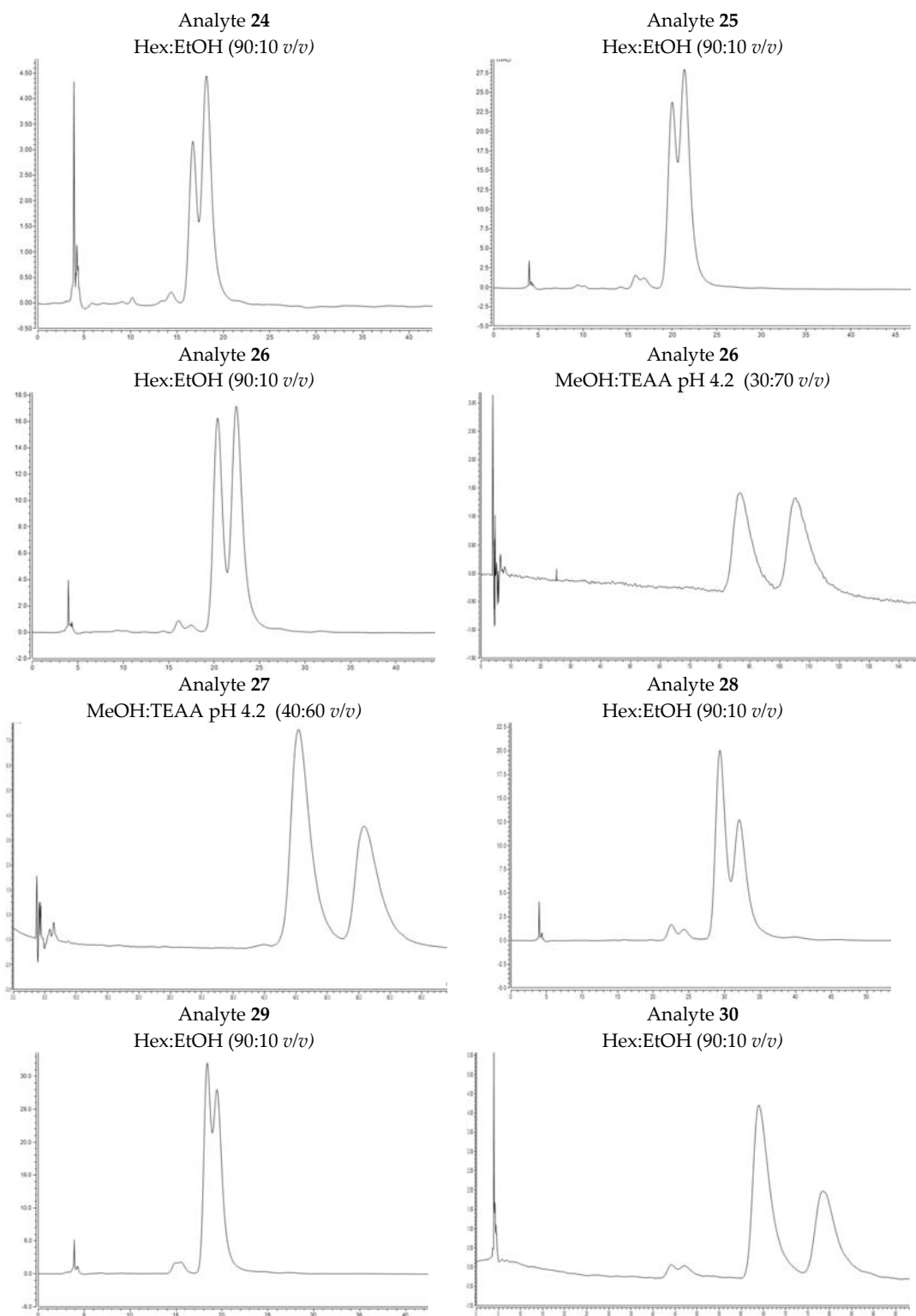


Figure 6: Chromatograms for the enantioseparation of analytes 24-30 on Chirobiotic T column using different mobile phases. Chromatographic conditions: Flow rate: 0.5 mL/min, UV detection at 254 nm.

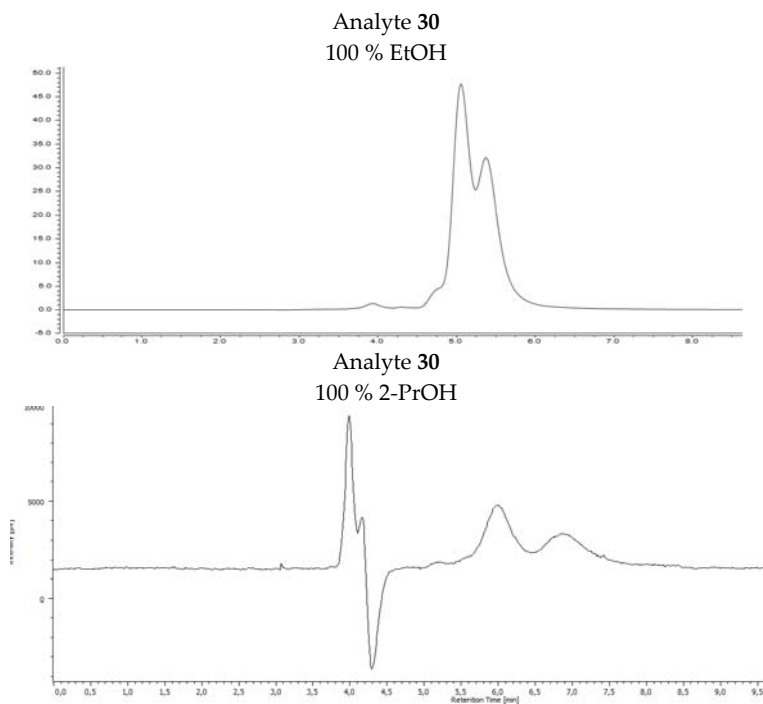


Figure 7: Chromatograms for the enantioseparation of analytes **30** on Chirobiotic T column using different mobile phases. Chromatographic conditions: Flow rate: 0.5 mL/min, UV detection at 254 nm.

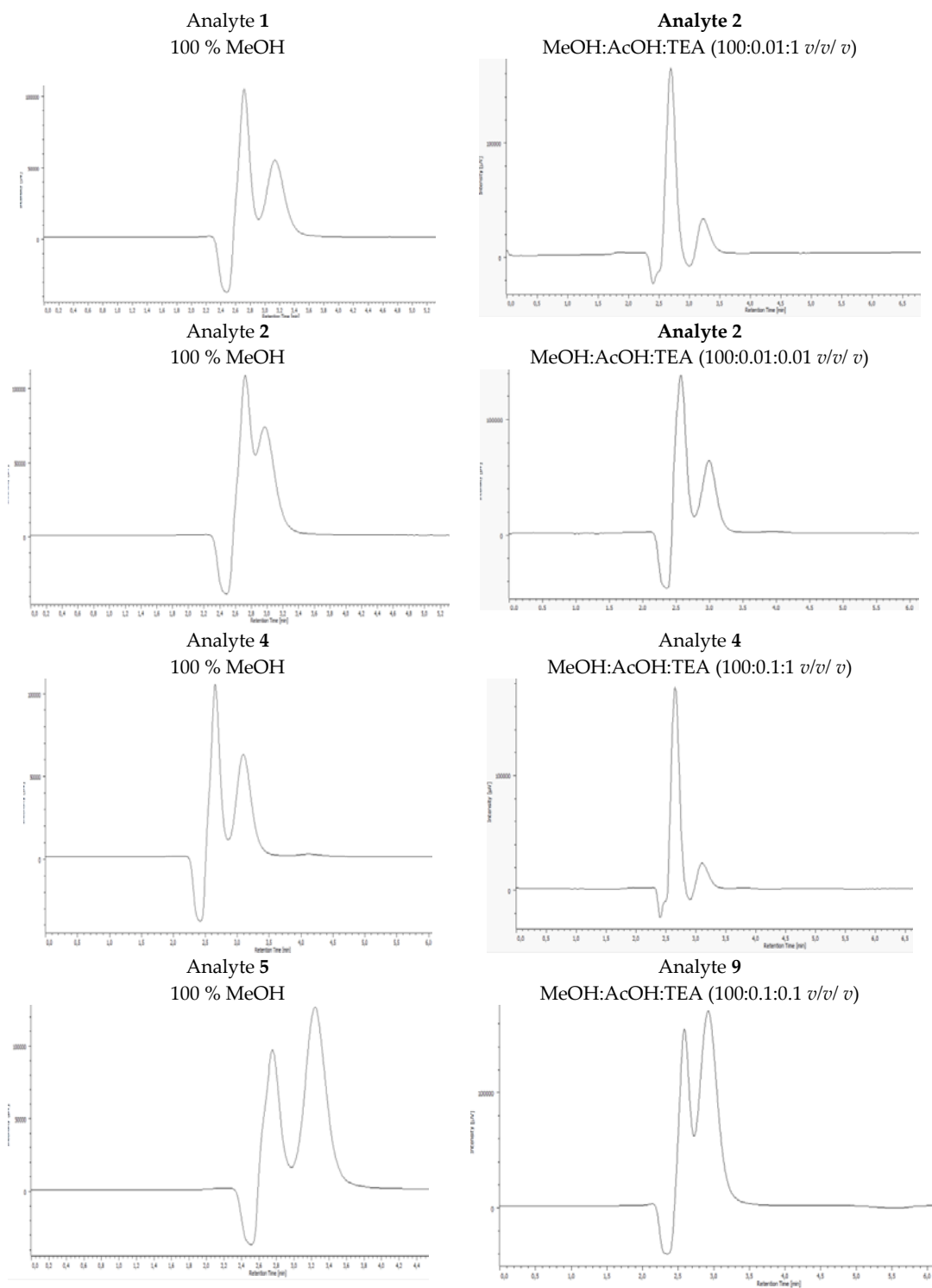
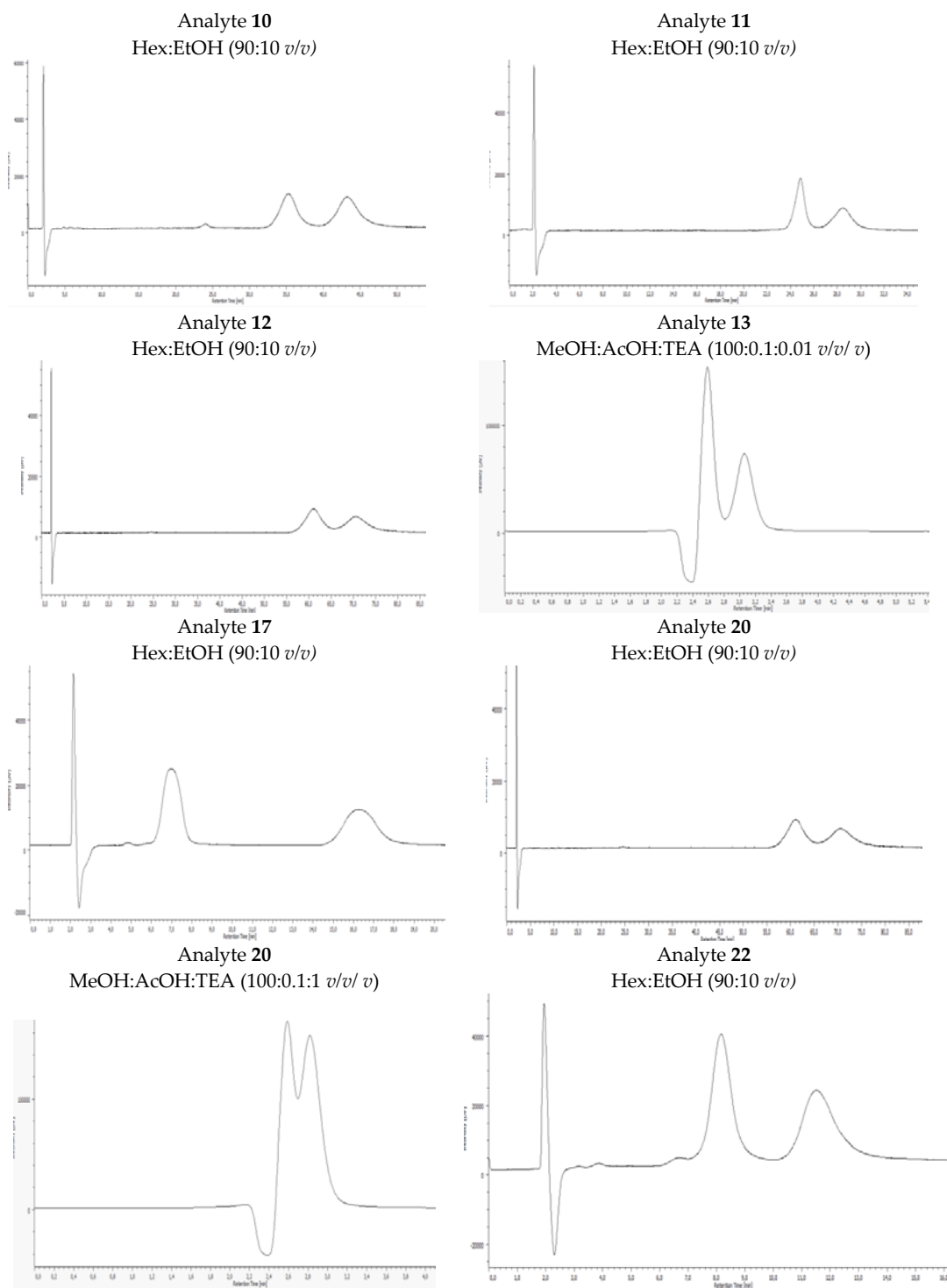


Figure 8: Chromatograms for the enantioseparation of analytes **1,2,4,5** and **9** on Chirobiotic R column using different mobile phases. Chromatographic conditions: Flow rate: 0.2 mL/min, UV detection at 254 nm.



SFigure 9: Chromatograms for the enantioseparation of analytes 10-13, 17, 20 and 22 on Chirobiotic R column using different mobile phases. Chromatographic conditions: Flow rate: 0.2 mL/min, UV detection at 254 nm.

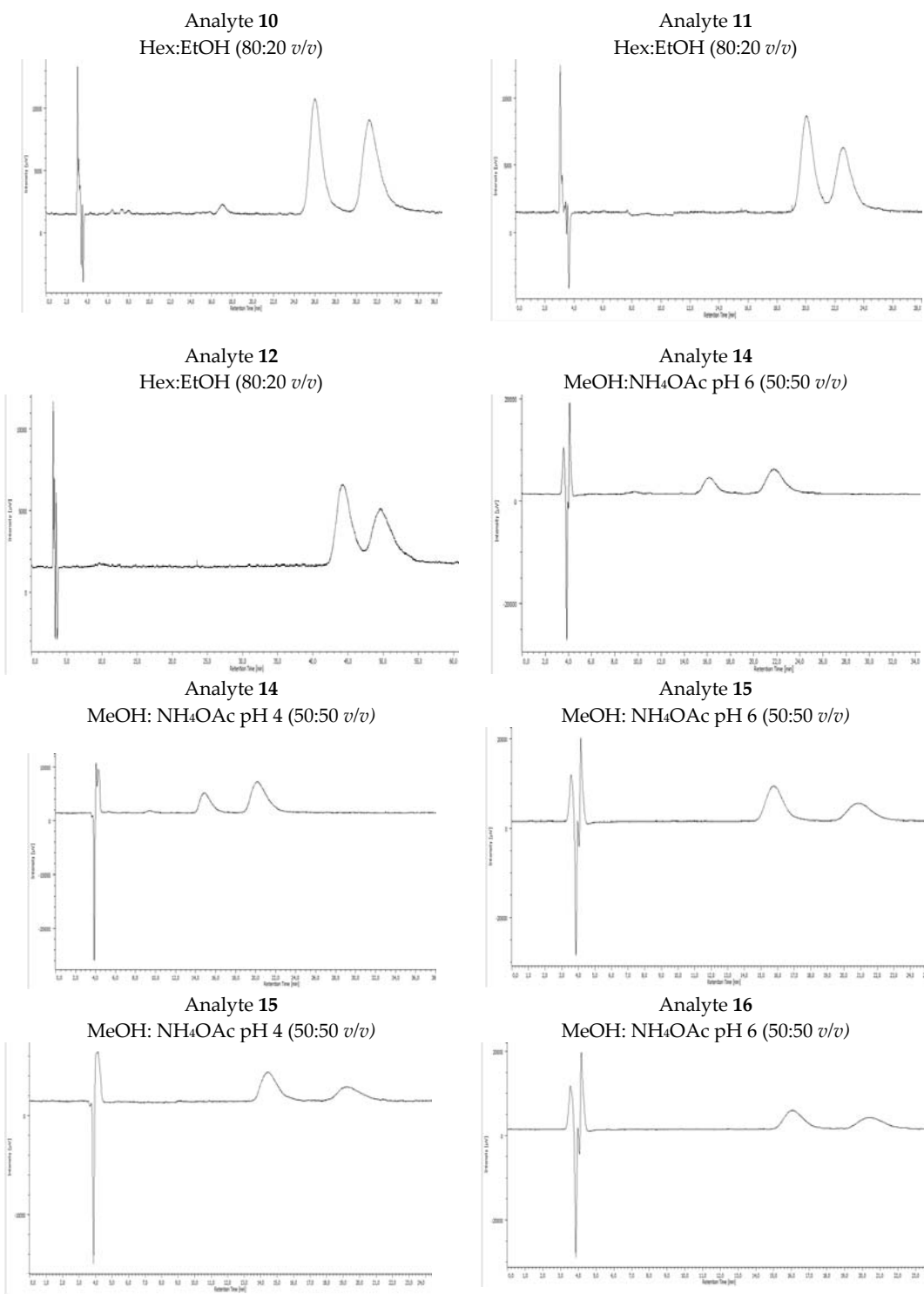
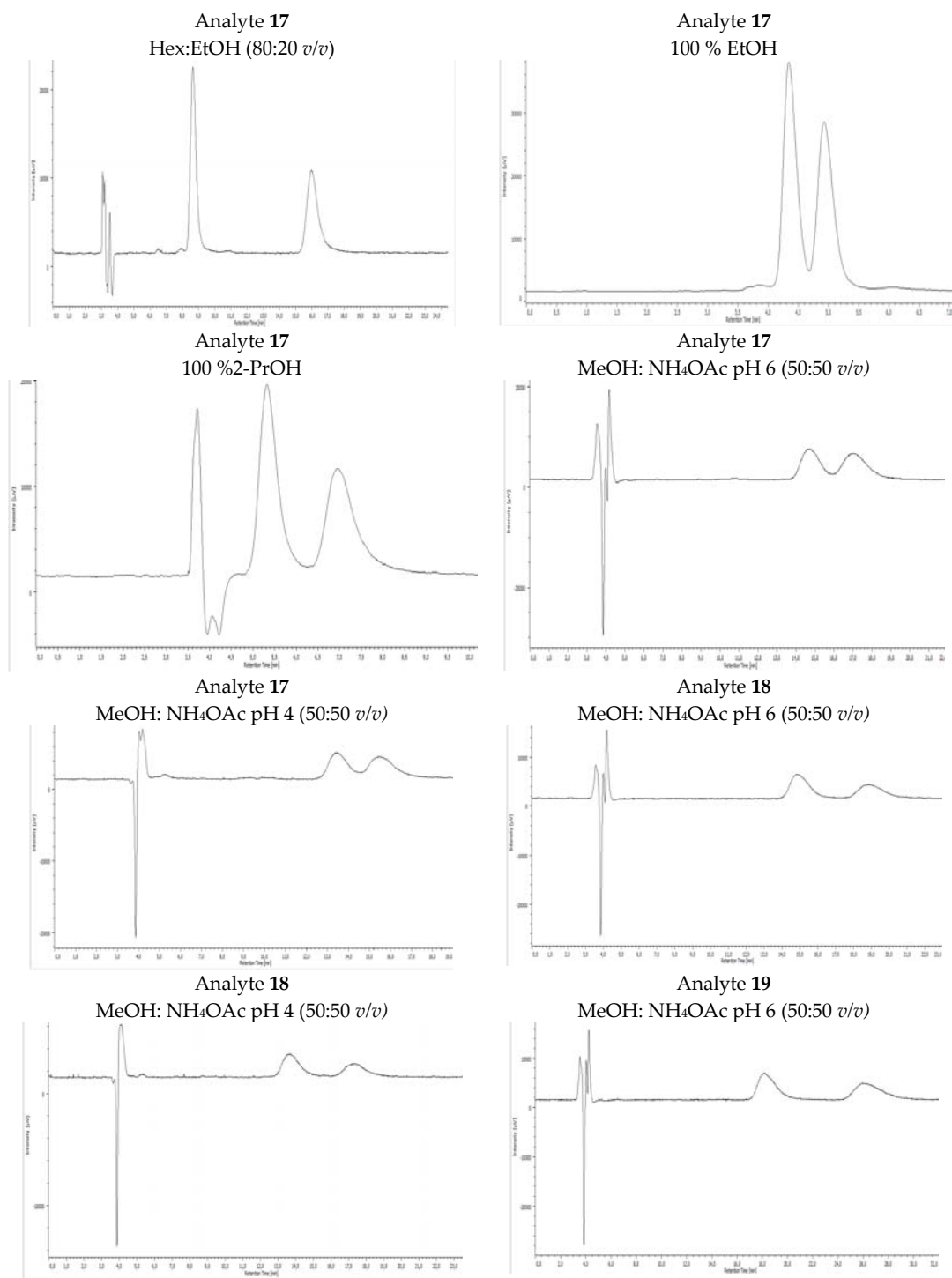


Figure 10: Chromatograms for the enantioseparation of analytes 10, 11, 12, 14, 15 and 16 on Chirobiotic V column using different mobile phases. Chromatographic conditions: Flow rate: 0.5 mL/min, UV detection at 254 nm.



SFigure 11: Chromatograms for the enantioseparation of analytes 17-19 on Chirobiotic V column using different mobile phases. Chromatographic conditions: Flow rate: 0.5 mL/min, UV detection at 254 nm.

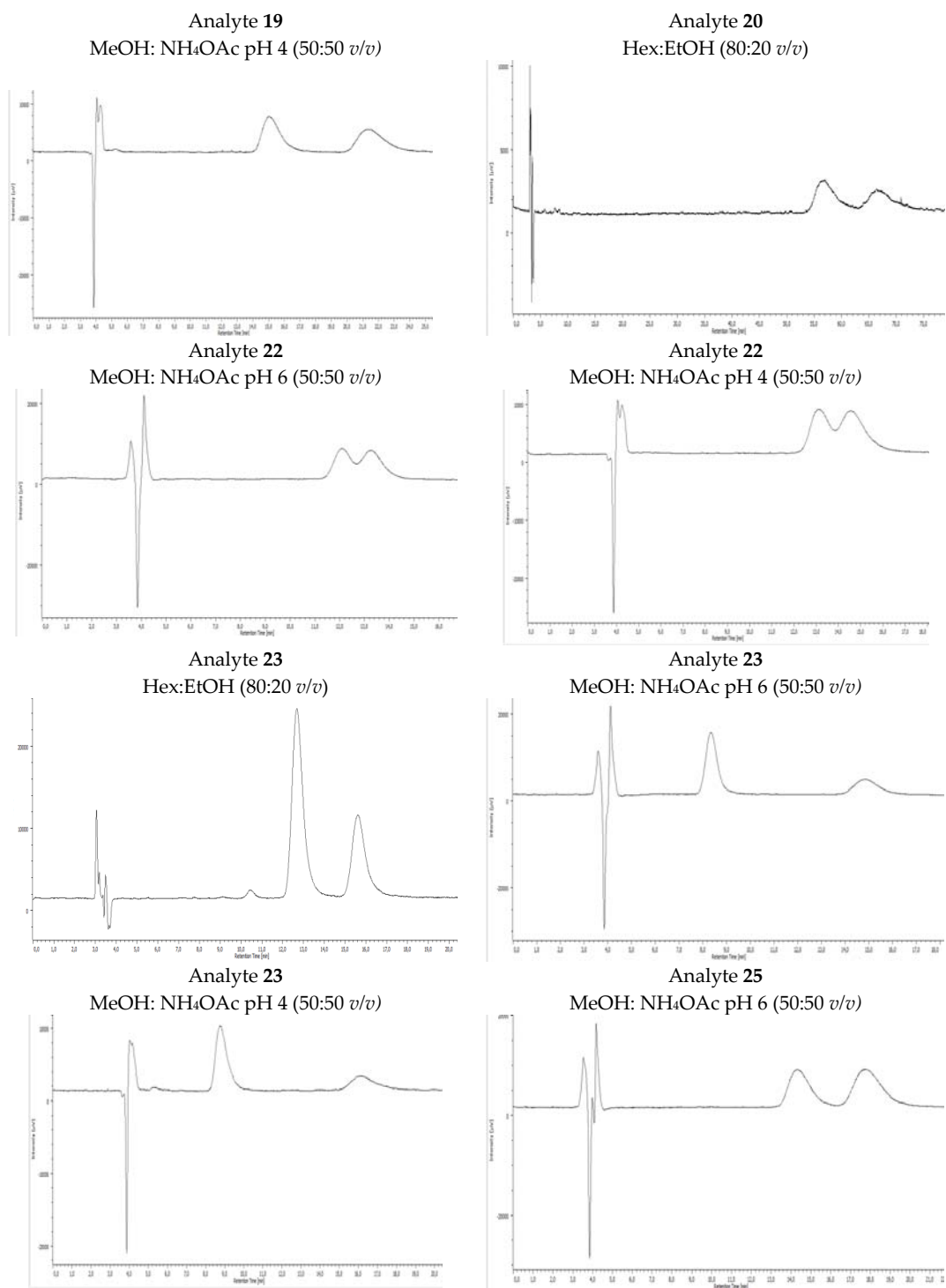
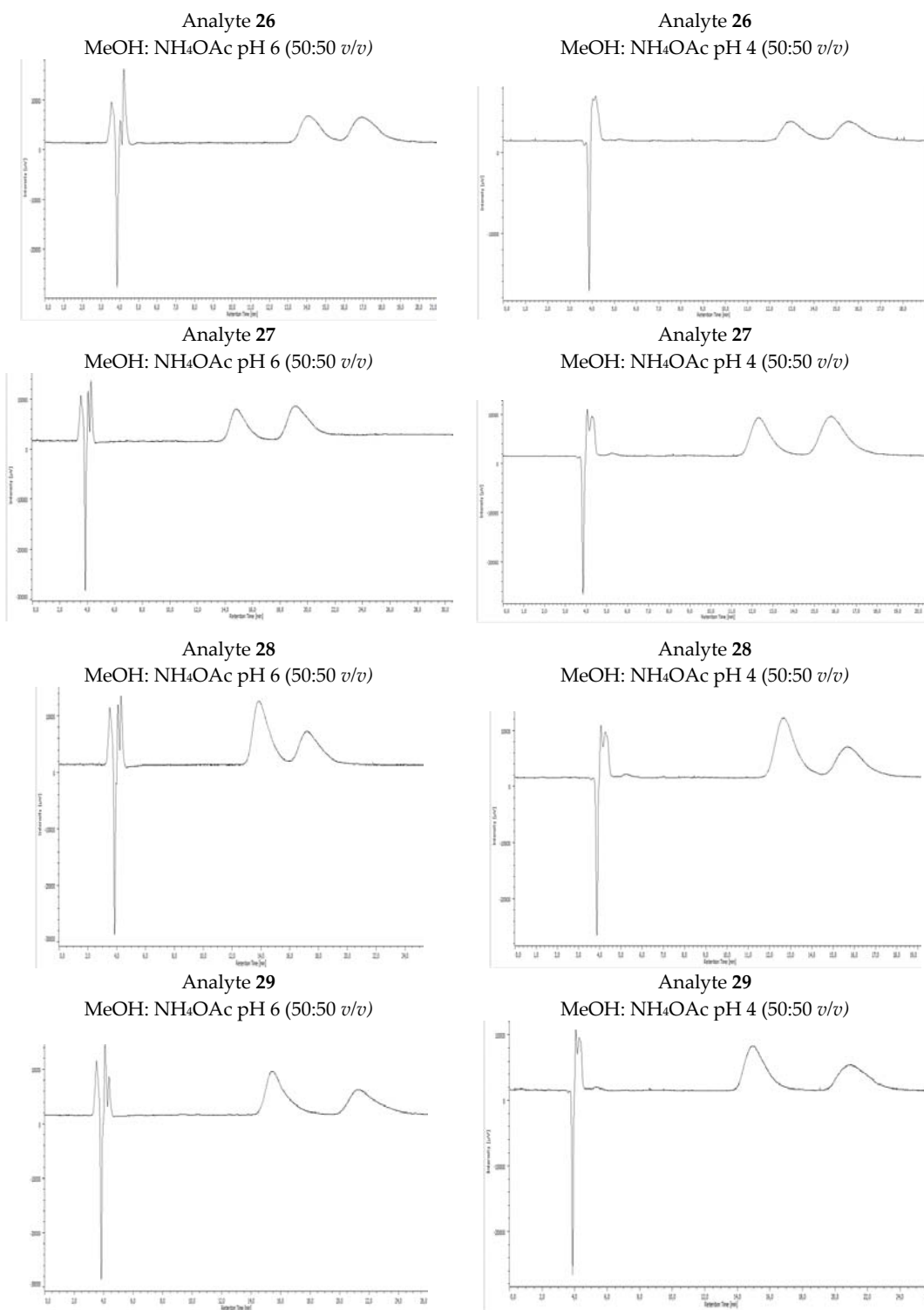
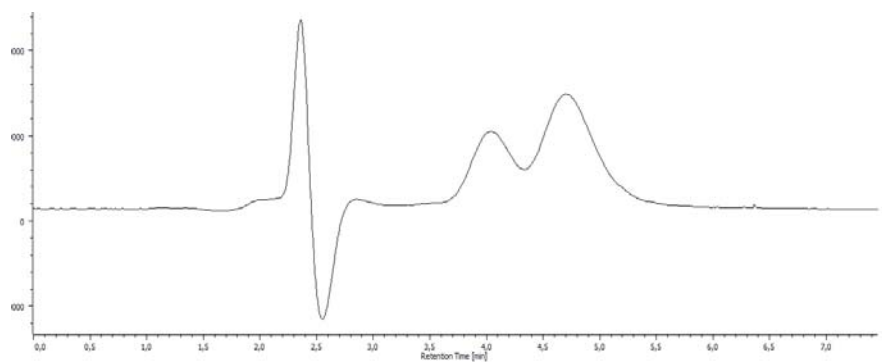


Figure 12: Chromatograms for the enantioseparation of analytes 19, 20, 22, 23 and 25 on Chirobiotic V column using different mobile phases. Chromatographic conditions: Flow rate: 0.5 mL/min, UV detection at 254 nm.



SFigure 13: Chromatograms for the enantioseparation of analytes **26-29** on Chirobiotic V column using different mobile phases. Chromatographic conditions: Flow rate: 0.5 mL/min, UV detection at 254 nm.

Analyte 2
100 % EtOH



Analyte 17
Hex:EtOH (70:30 v/v)

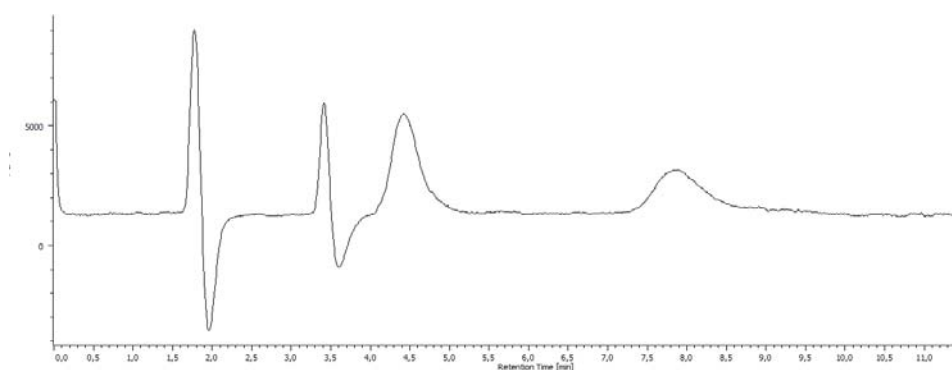


Figure 14: Chromatograms for the enantioseparation of analytes **2** and **17** on Chirobiotic TAG column using different mobile phases. Chromatographic conditions: Flow rate: 0.2 mL/min, UV detection at 254 nm.