

APPENDIX E

CHROMATOGRAMS FOR ANALYSIS OF PETROLEUM HYDROCARBONS

[Note: For Figures E1-E14, each chromatogram was normalized to the overall response expected for 1 g of material from each core section or surface scoop sample. The value for TPH is given for each chromatogram. When the TPH value is smaller than the MDL value of 181 µg/g, the symbol "<MDL" is assigned to the TPH concentration, and the MDL is used to normalize the chromatogram.]

- Figure E1. Normalized GC-FID chromatograms for Station A, Old Place Creek marsh sediment core sections (collected September 1996) and surface scoop (collected May 1997)
- Figure E2. Normalized GC-FID chromatograms for Station B, Old Place Creek marsh sediment core sections (collected September 1996) and surface scoop (collected May 1997)
- Figure E3. Normalized GC-FID chromatograms for Station C, Old Place Creek marsh sediment core sections (collected September 1996) and surface scoop (collected May 1997)
- Figure E4. Normalized GC-FID chromatograms for Station D, Old Place Creek marsh sediment core sections (collected September 1996) and surface scoop (collected May 1997)
- Figure E5. Normalized GC-FID chromatograms for Station A, Con Ed Tower marsh sediment core sections (collected September 1996) and surface scoop (collected May 1997)
- Figure E6. Normalized GC-FID chromatograms for Station B, Con Ed Tower marsh sediment core sections (collected September 1996) and surface scoop (collected May 1997)
- Figure E7. Normalized GC-FID chromatograms for Station C, Con Ed Tower marsh sediment core sections (collected September 1996) and surface scoop (collected May 1997)
- Figure E8. Normalized GC-FID chromatograms for Station D, Con Ed Tower marsh sediment core sections (collected September 1996) and surface scoop (collected May 1997)
- Figure E9. Normalized GC-FID chromatograms for Station A, Mill Creek marsh sediment core sections (collected September 1996)
- Figure E10. Normalized GC-FID chromatograms for Station B, Mill Creek marsh sediment core sections (collected September 1996)
- Figure E11. Normalized GC-FID chromatograms for Station C, Mill Creek marsh sediment core sections (collected September 1996)
- Figure E12. Normalized GC-FID chromatograms for Station D, Mill Creek marsh sediment core sections (collected September 1996)
- Figure E13. Normalized GC-FID chromatograms for Old Place Creek marsh and Sandy Hook Bay marsh surface scoop samples
- Figure E14. Normalized GC-FID chromatograms for Con Ed Tower marsh and Sandy Hook Bay marsh surface scoop samples
- Figure E15. Representative GC-FID chromatograms for Arthur Kill and Sandy Hook Bay ribbed-mussels collected in September 1996
- Figure E16. Representative GC-FID chromatograms for Arthur Kill ribbed-mussels collected in May 1997

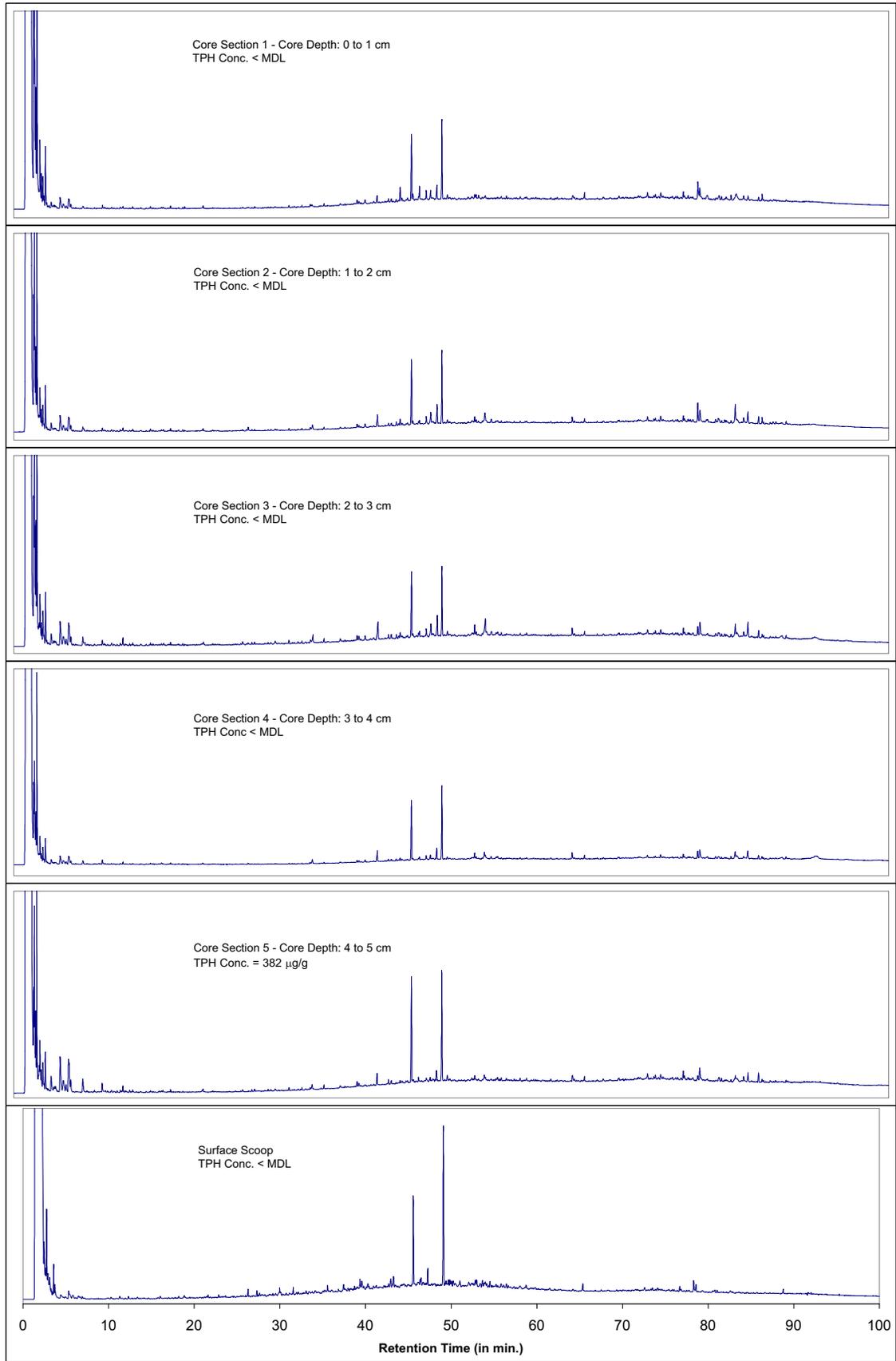


Figure E1. Normalized GC-FID chromatograms for Station A, Old Place Creek marsh sediment core sections (collected September 1996) and surface scoop (collected May 1997)

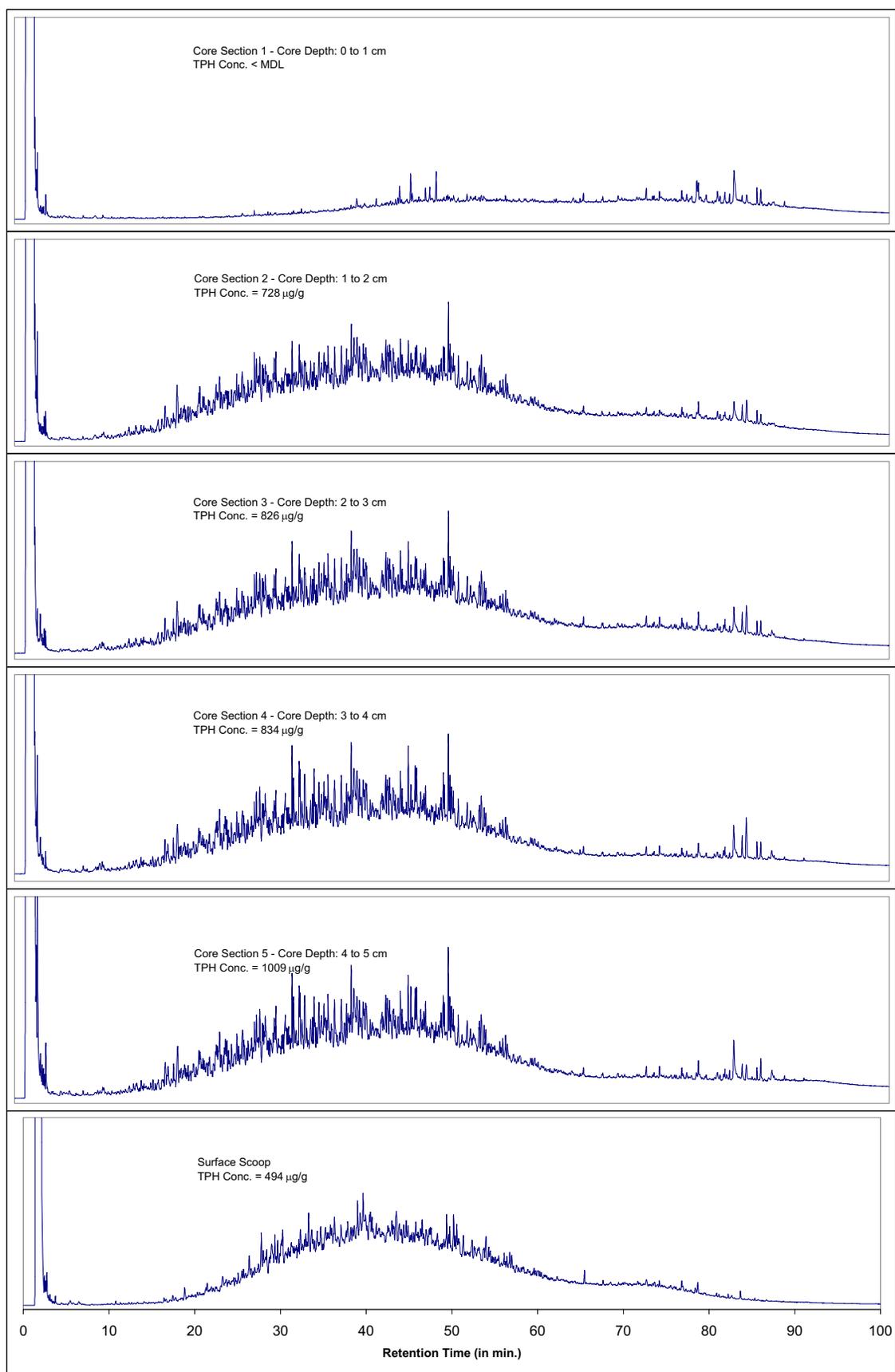


Figure E2. Normalized GC-FID chromatograms for Station B, Old Place Creek marsh sediment core sections (collected September 1996) and surface scoop (collected May 1997)

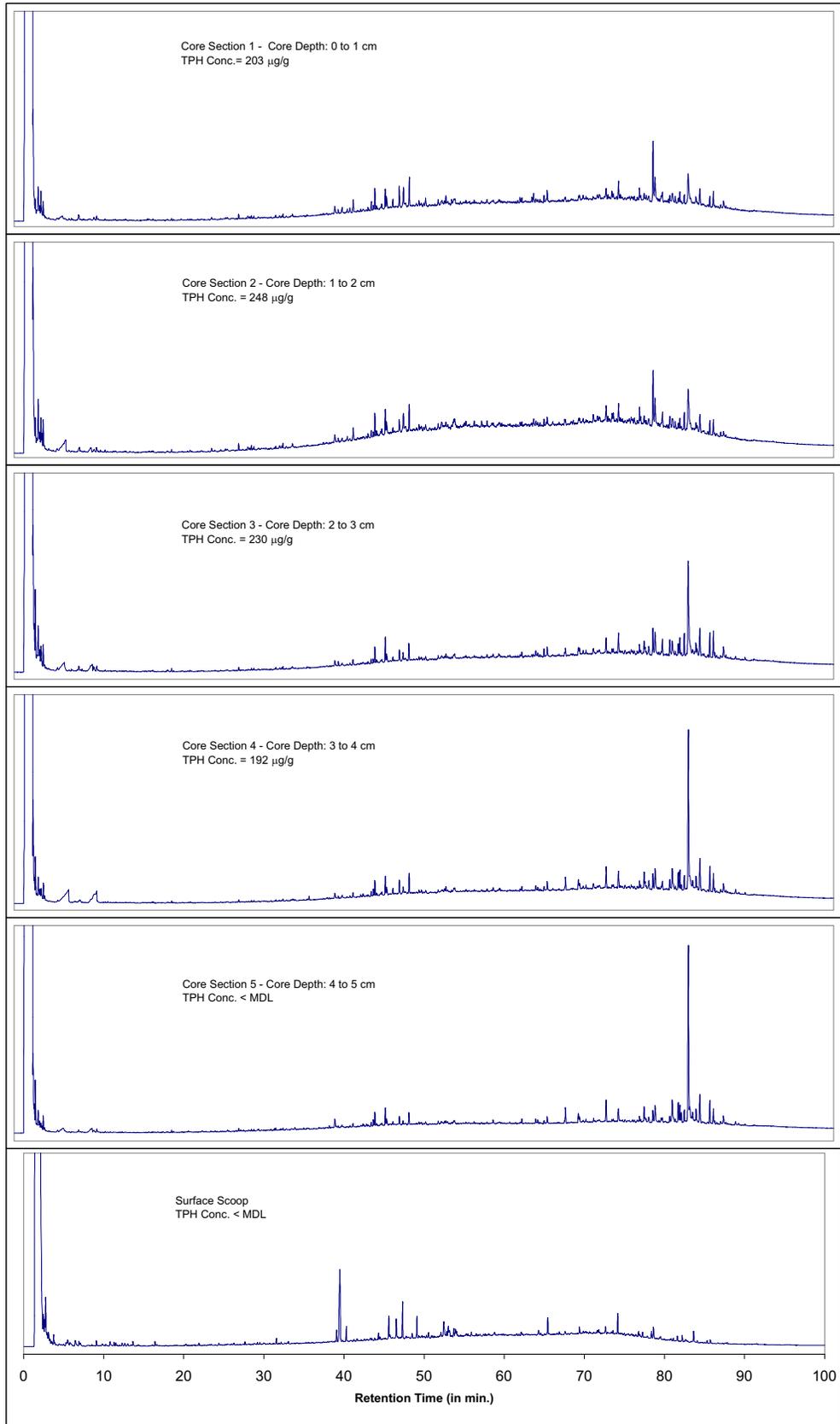


Figure E3. Normalized GC-FID chromatograms for Station C, Old Place Creek marsh sediment core sections (collected September 1996) and surface scoop (collected May 1997)

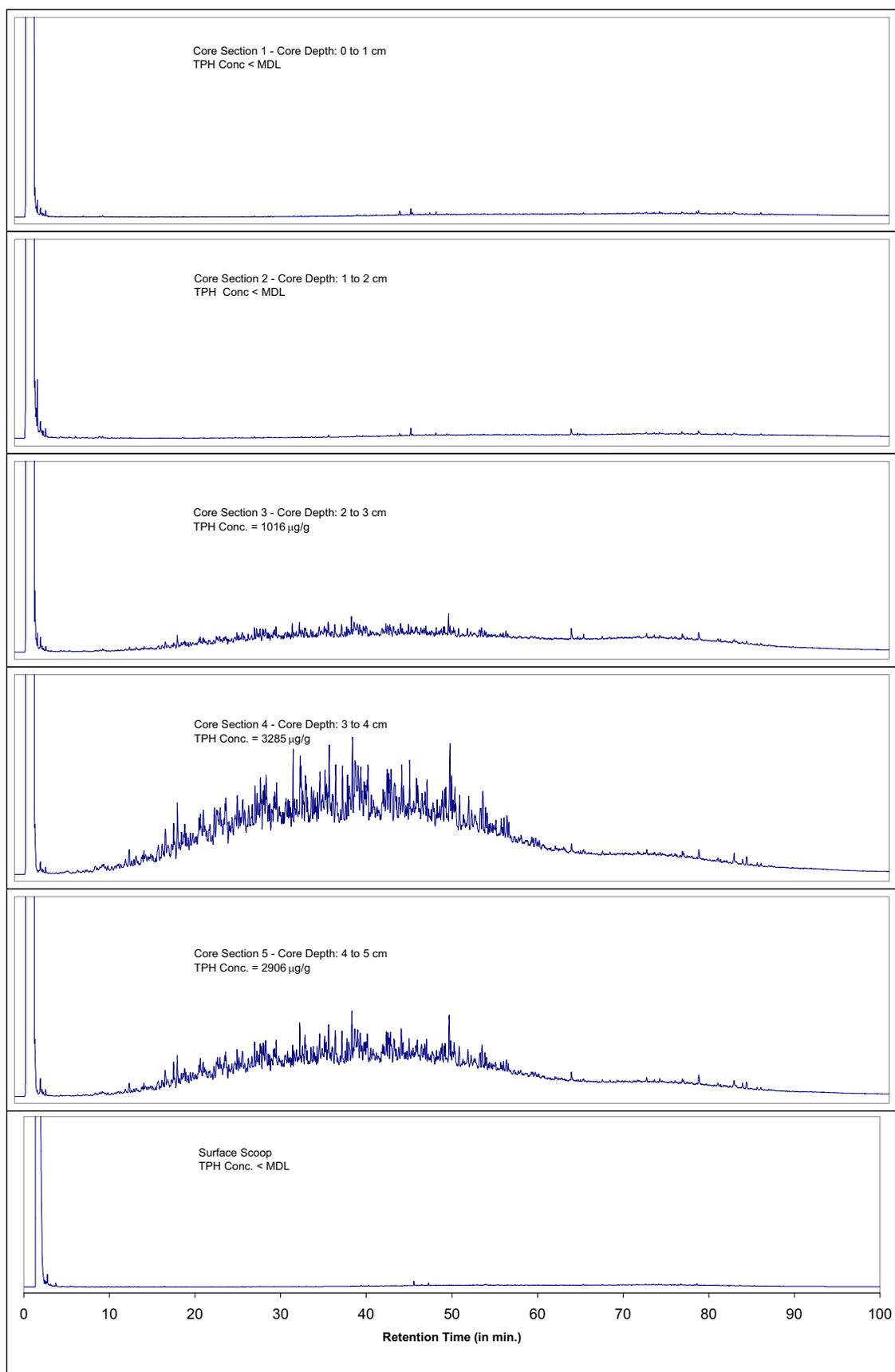


Figure E4. Normalized GC-FID chromatograms for Station D, Old Place Creek marsh sediment core sections (collected September 1996) and surface scoop (collected May 1997)

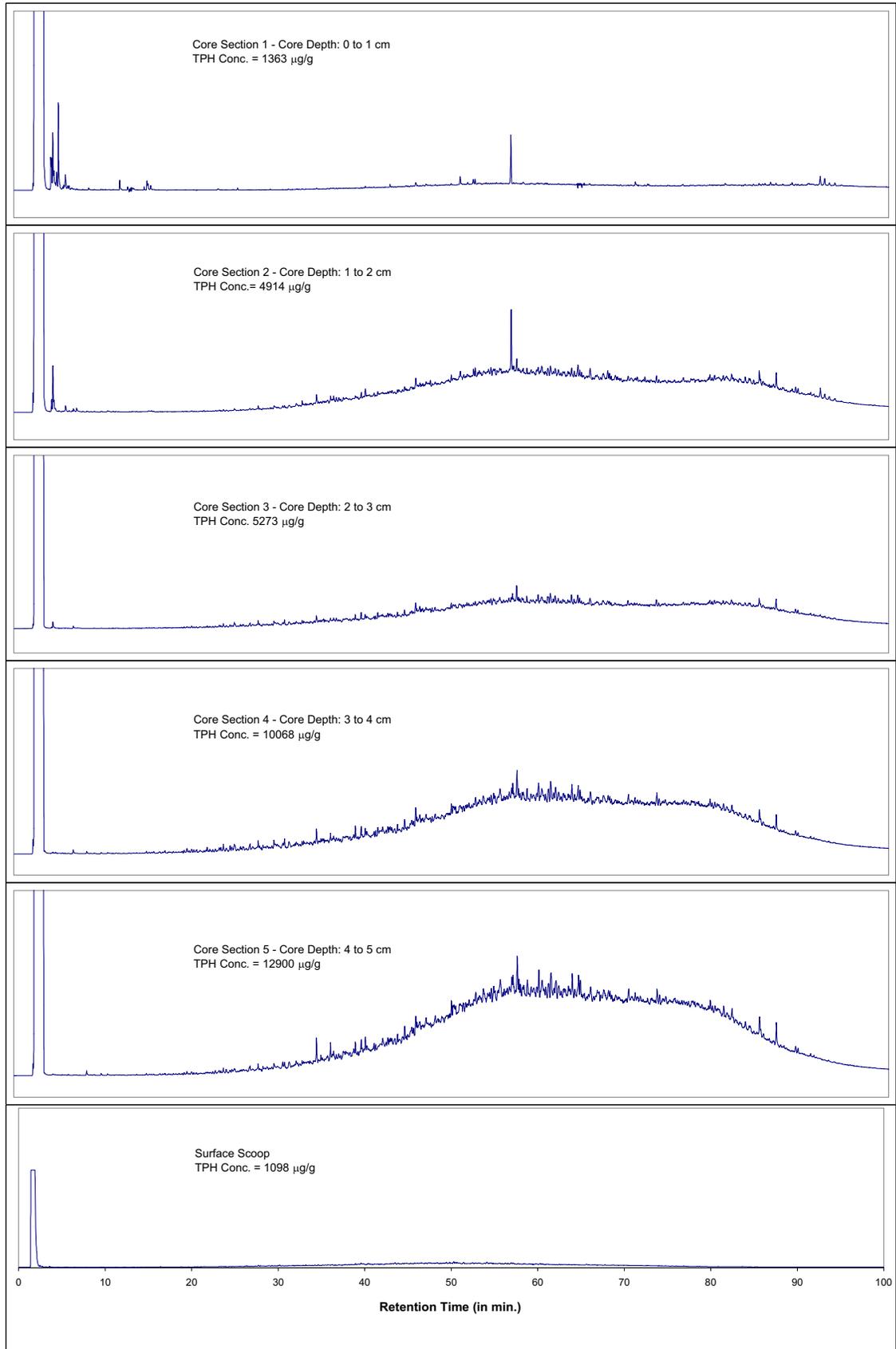


Figure E5. Normalized GC-FID chromatograms for Station A, Con Ed Tower marsh sediment core sections (collected September 1996) and surface scoop (collected May 1997)

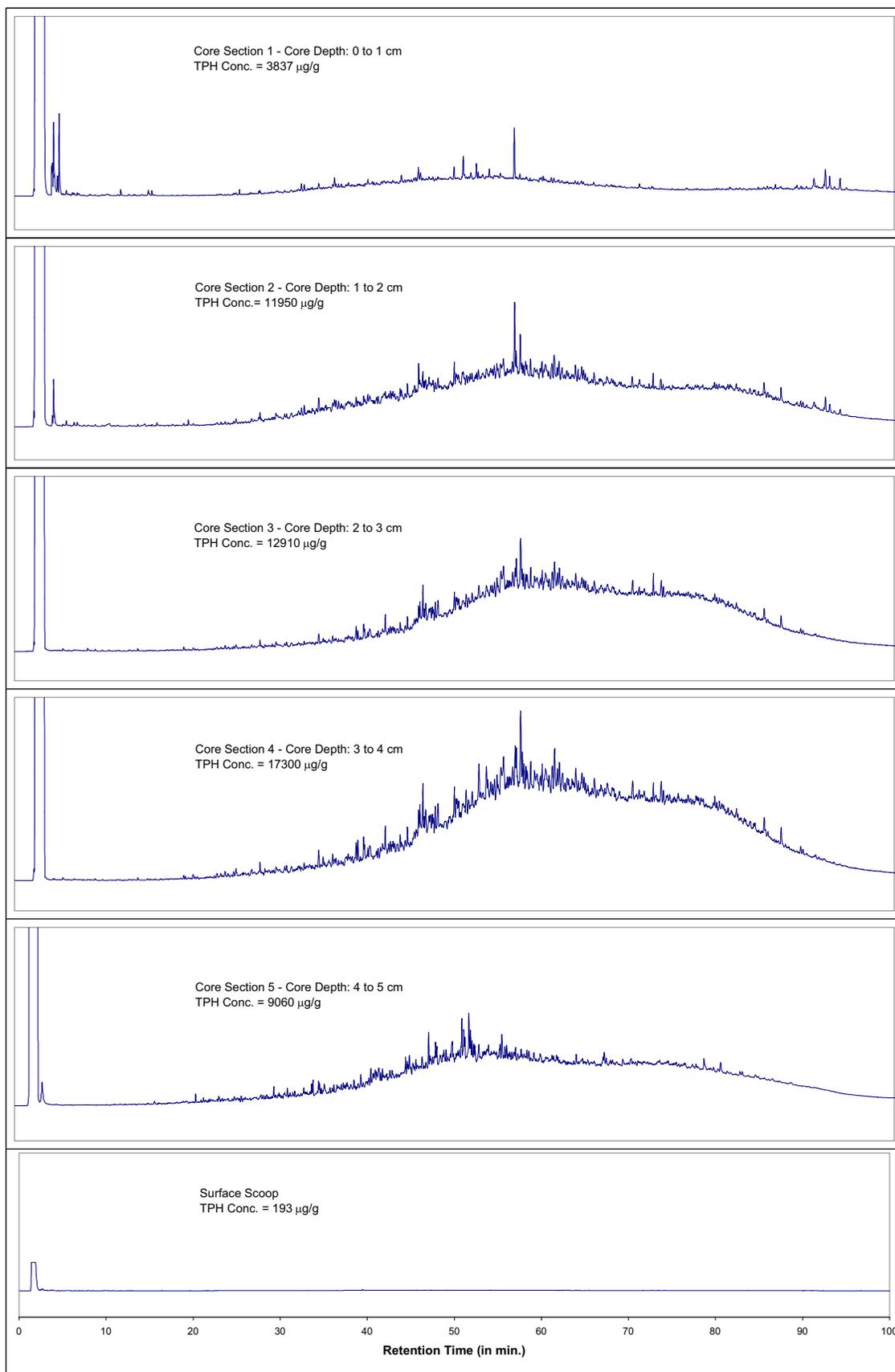


Figure E6. Normalized GC-FID chromatograms for Station B, Con Ed Tower marsh sediment core sections (collected September 1996) and surface scoop (collected May 1997)

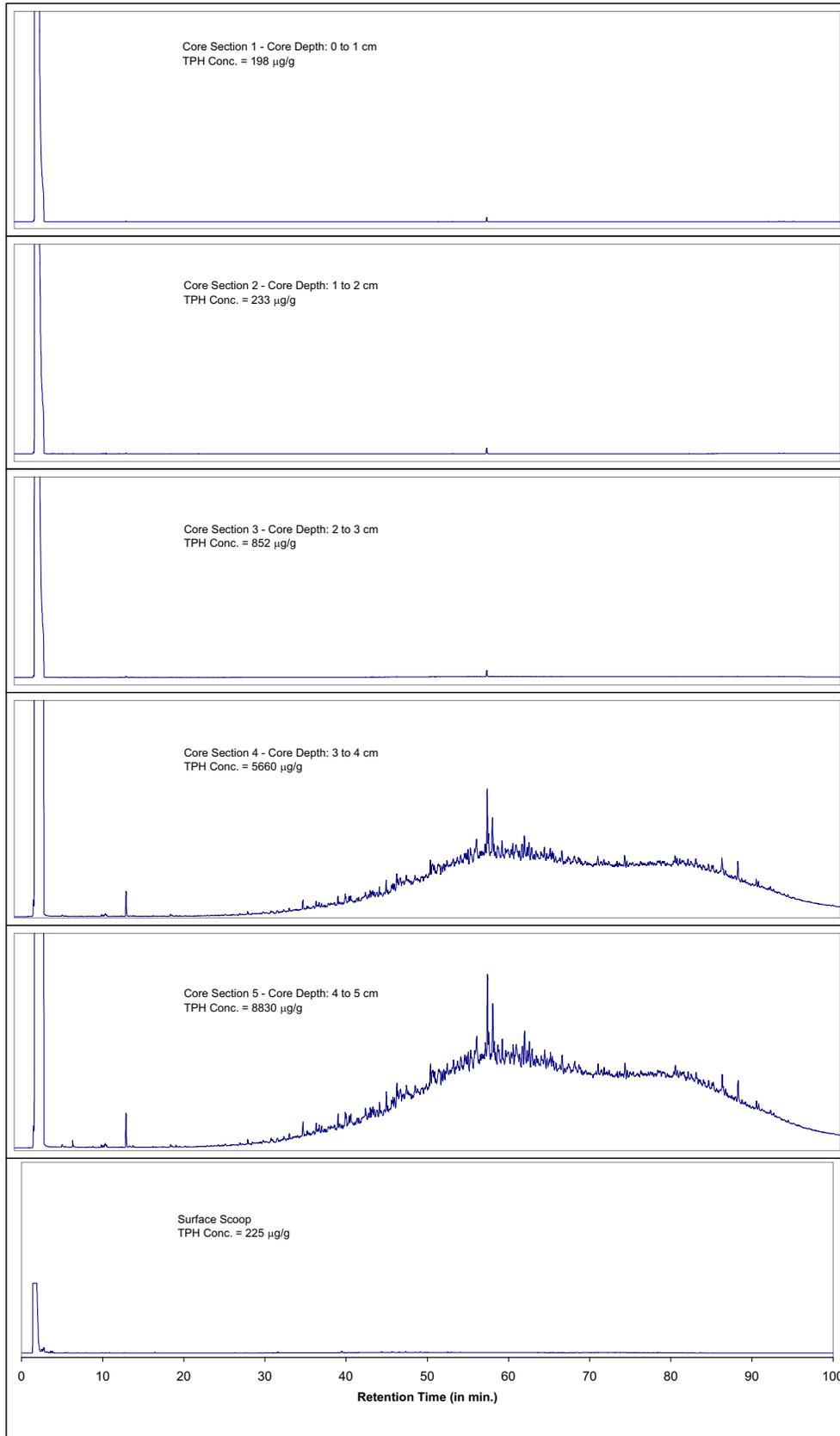


Figure E7. Normalized GC-FID chromatograms for Station C, Con Ed Tower marsh sediment core sections (collected September 1996) and surface scoop (collected May 1997)

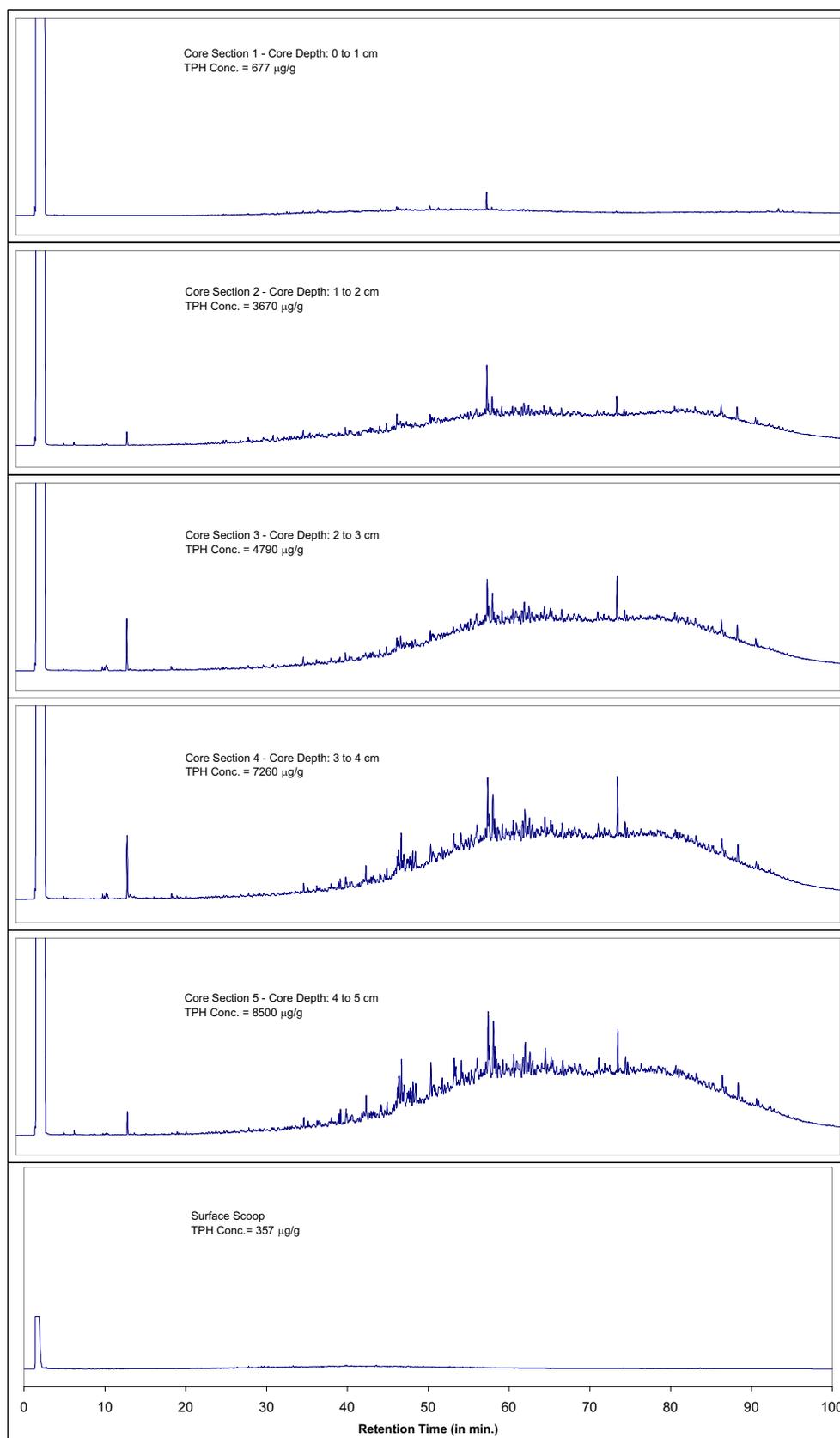


Figure E8. Normalized GC-FID chromatograms for Station D, Con Ed Tower marsh sediment core sections (collected September 1996) and surface scoop (collected May 1997)

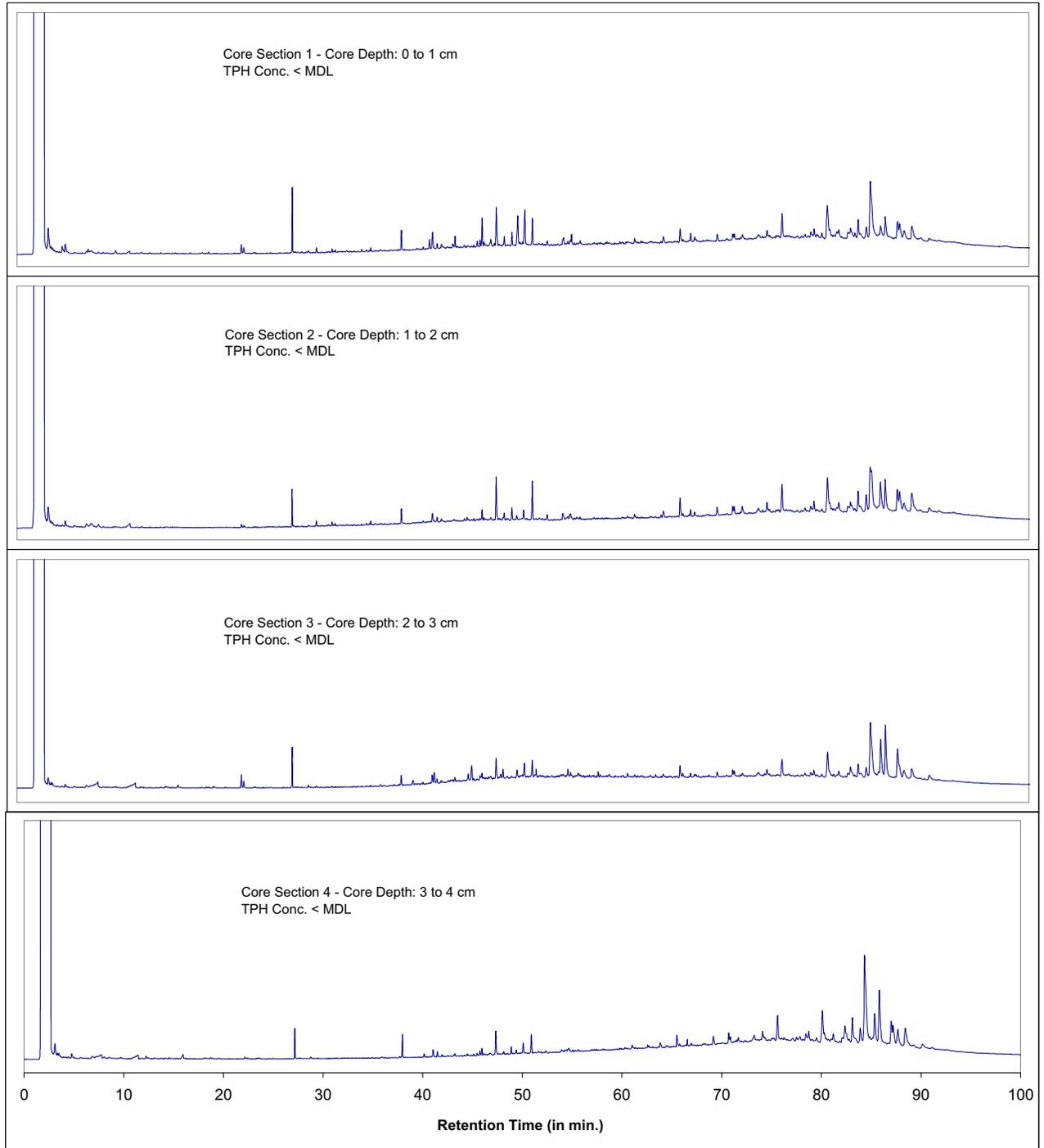


Figure E9. Normalized GC-FID chromatograms for Station A, Mill Creek marsh sediment core sections (collected September 1996)

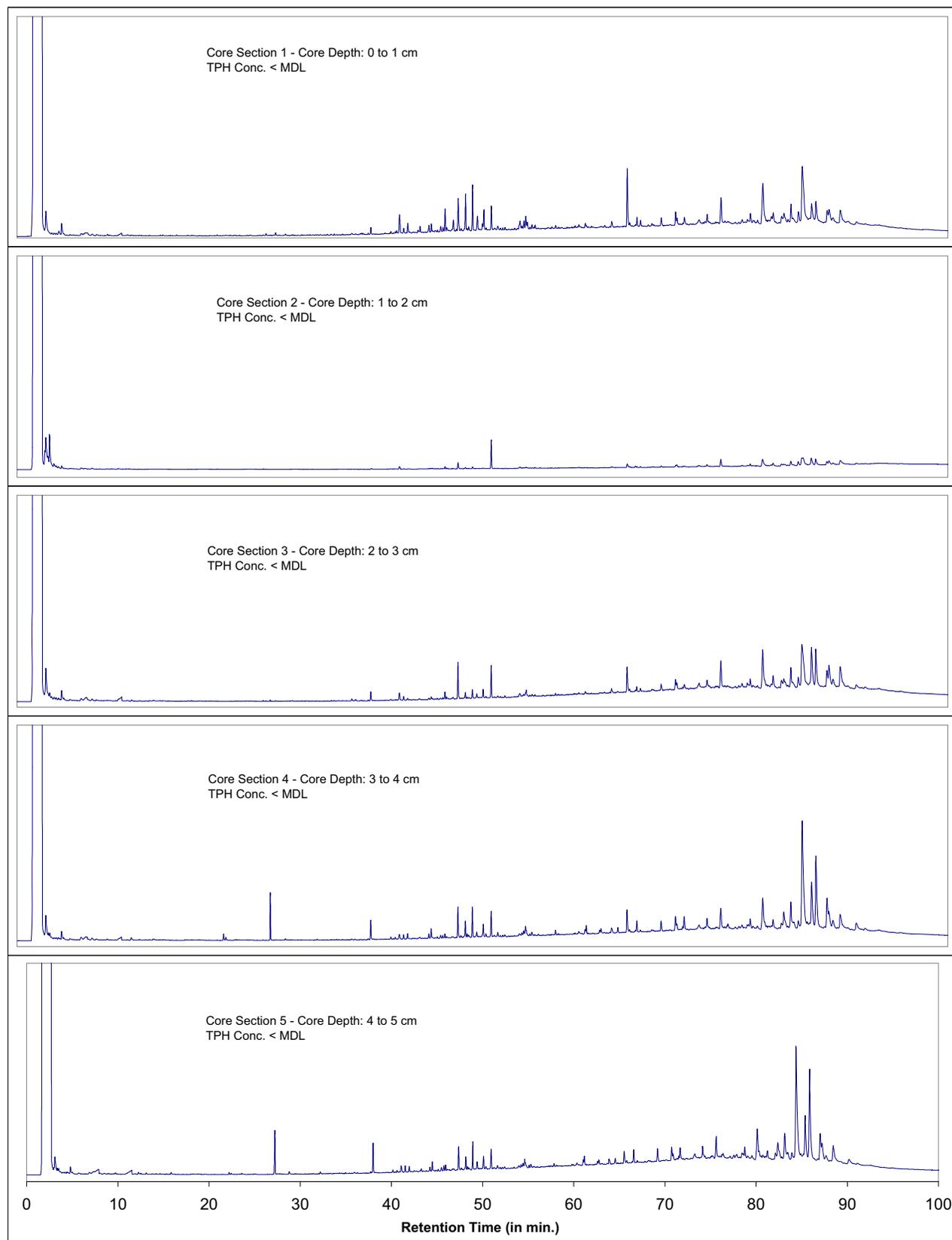


Figure E10. Normalized GC-FID chromatograms for Station B, Mill Creek marsh sediment core sections (collected September 1996)

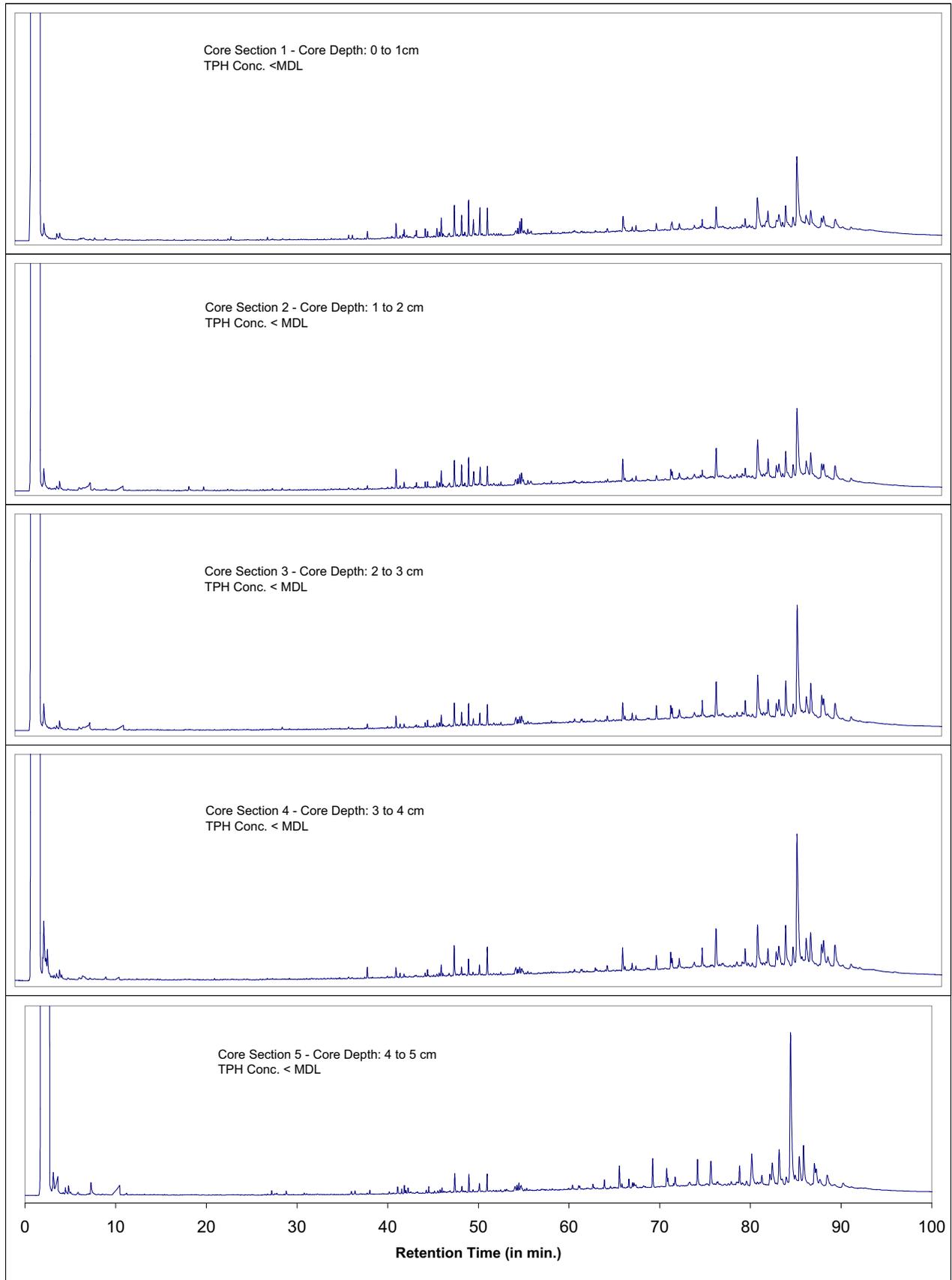


Figure E11. Normalized GC-FID chromatograms for Station C, Mill Creek marsh sediment core sections (collected September 1996)

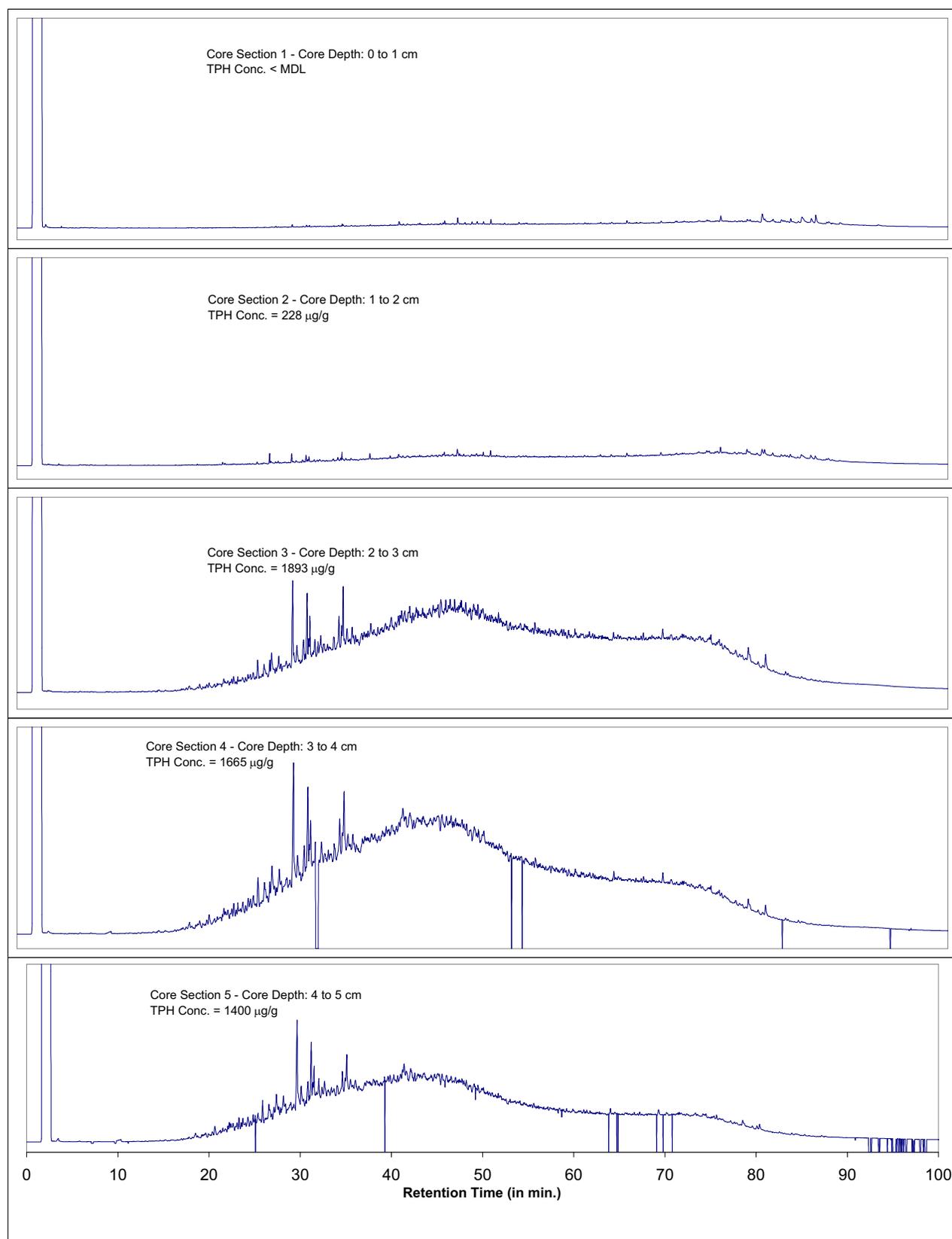
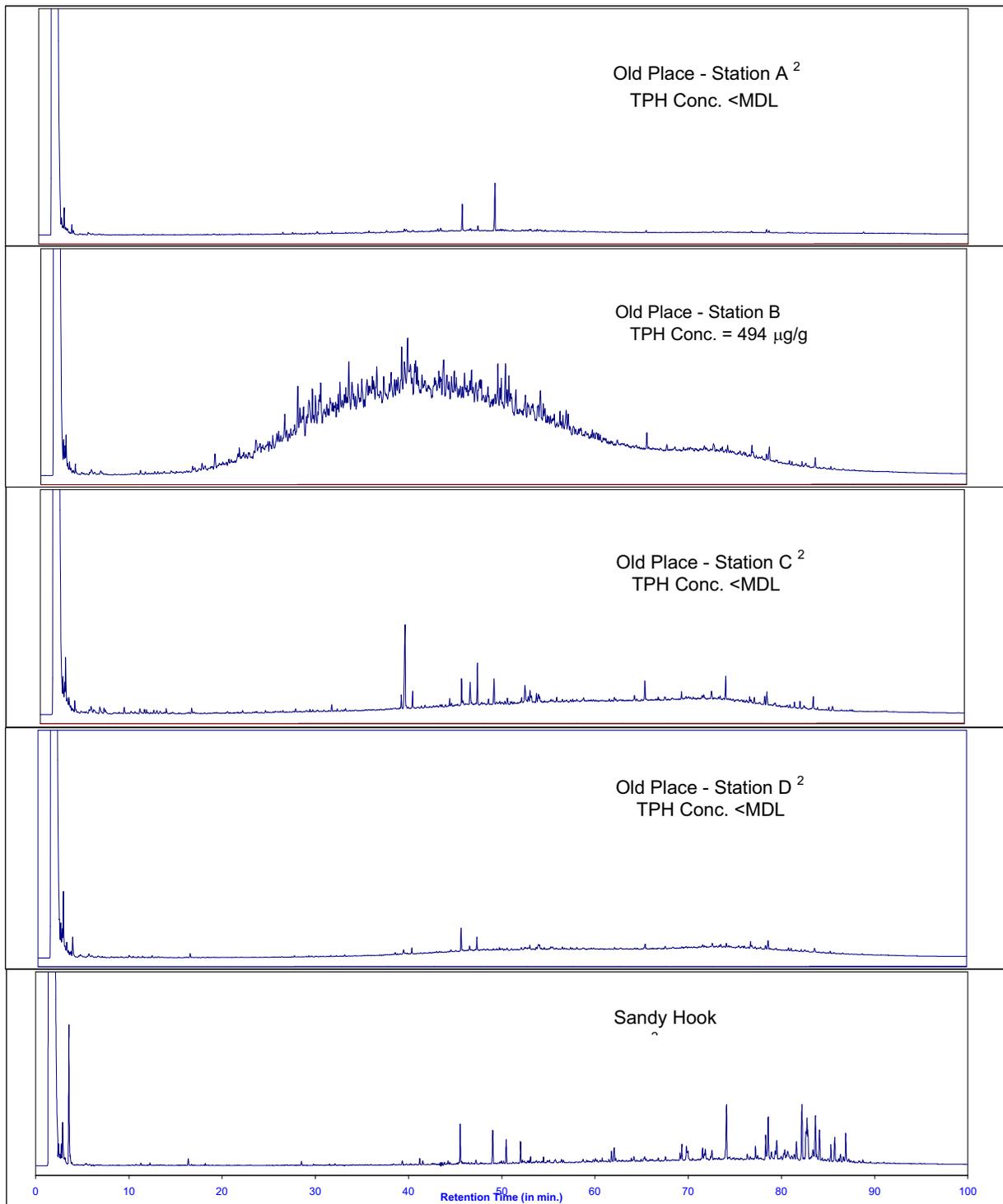


Figure E12. Normalized GC-FID chromatograms for Station D, Mill Creek marsh sediment core sections (collected September 1996)



¹ Each chromatogram was normalized with respect to the overall response expected for 1 gram of each surface scoop sample. The value for TPH is given for each chromatogram.

² The TPH value for these samples is smaller than the MDL value of 181 µg/g. The MDL value is used instead to normalize the chromatogram.

Figure E13. Normalized GC-FID chromatograms for Old Place Creek marsh and Sandy Hook Bay marsh surface scoop samples¹

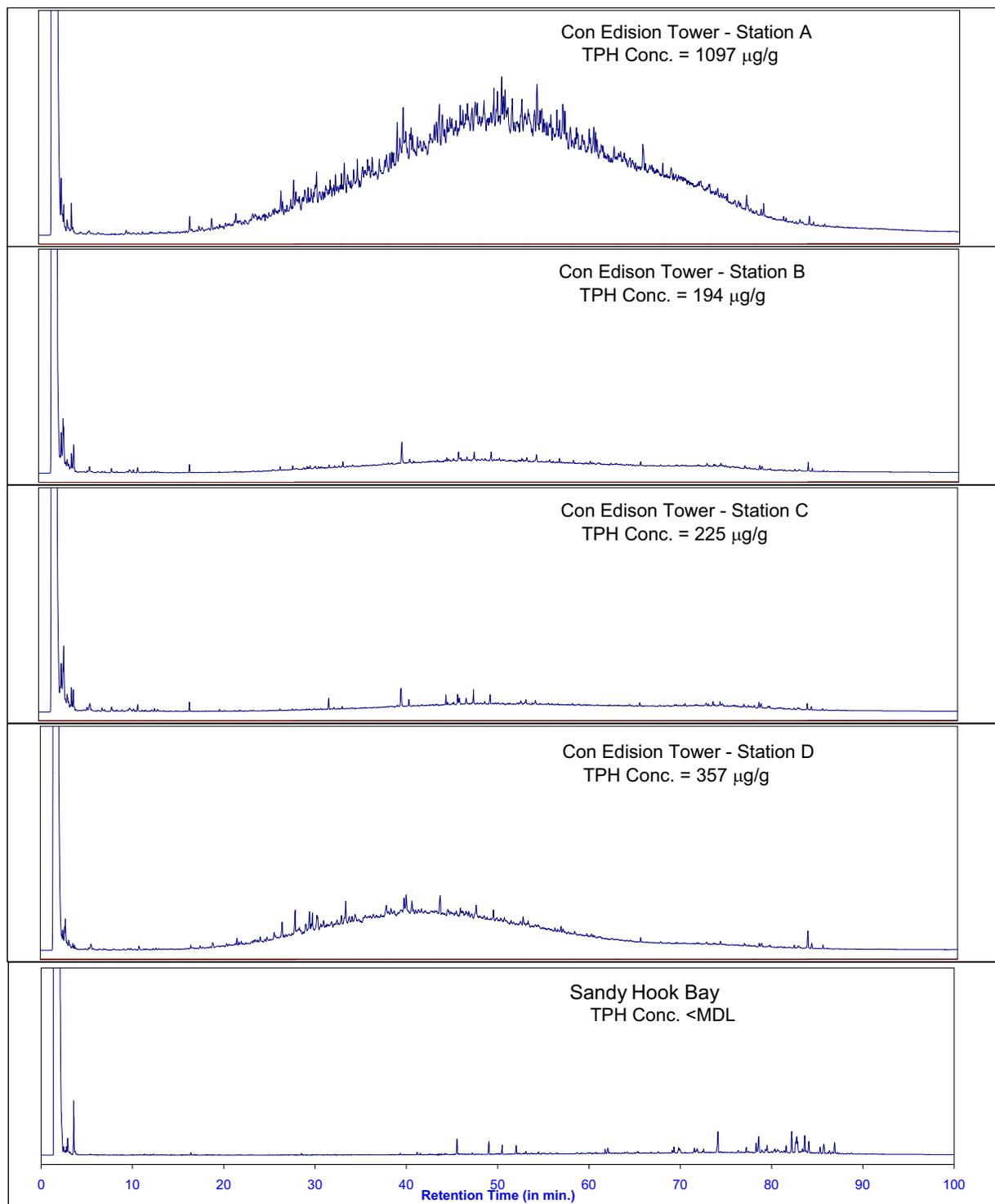


Figure E14. Normalized GC-FID chromatograms for Con Ed Tower marsh and Sandy Hook Bay marsh surface scoop samples

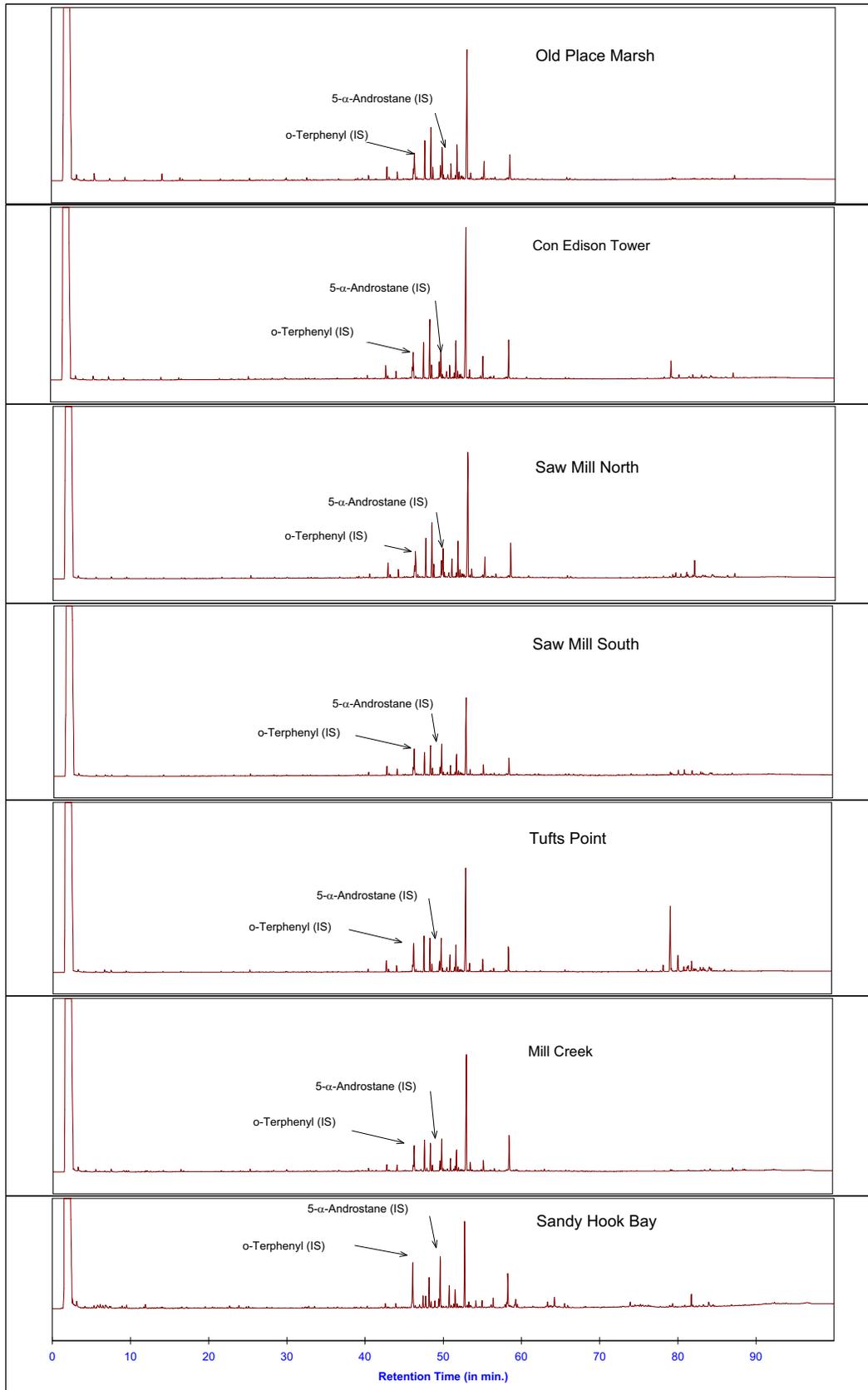


Figure E15. Representative GC-FID chromatograms for Arthur Kill and Sandy Hook Bay ribbed-mussels collected in September 1996

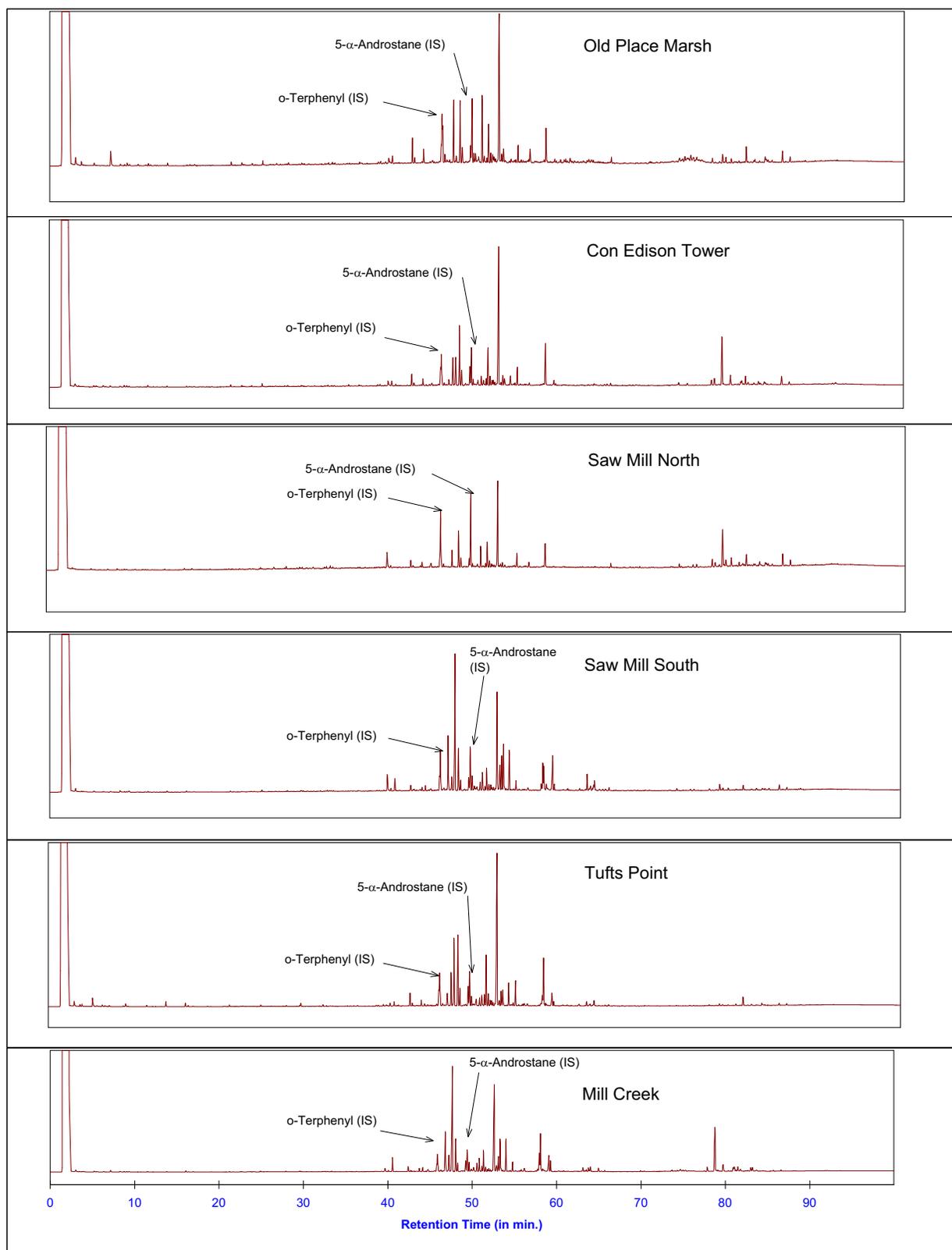


Figure E16. Representative GC-FID chromatograms for Arthur Kill ribbed-mussels collected in May 1997