**Supplementary data**

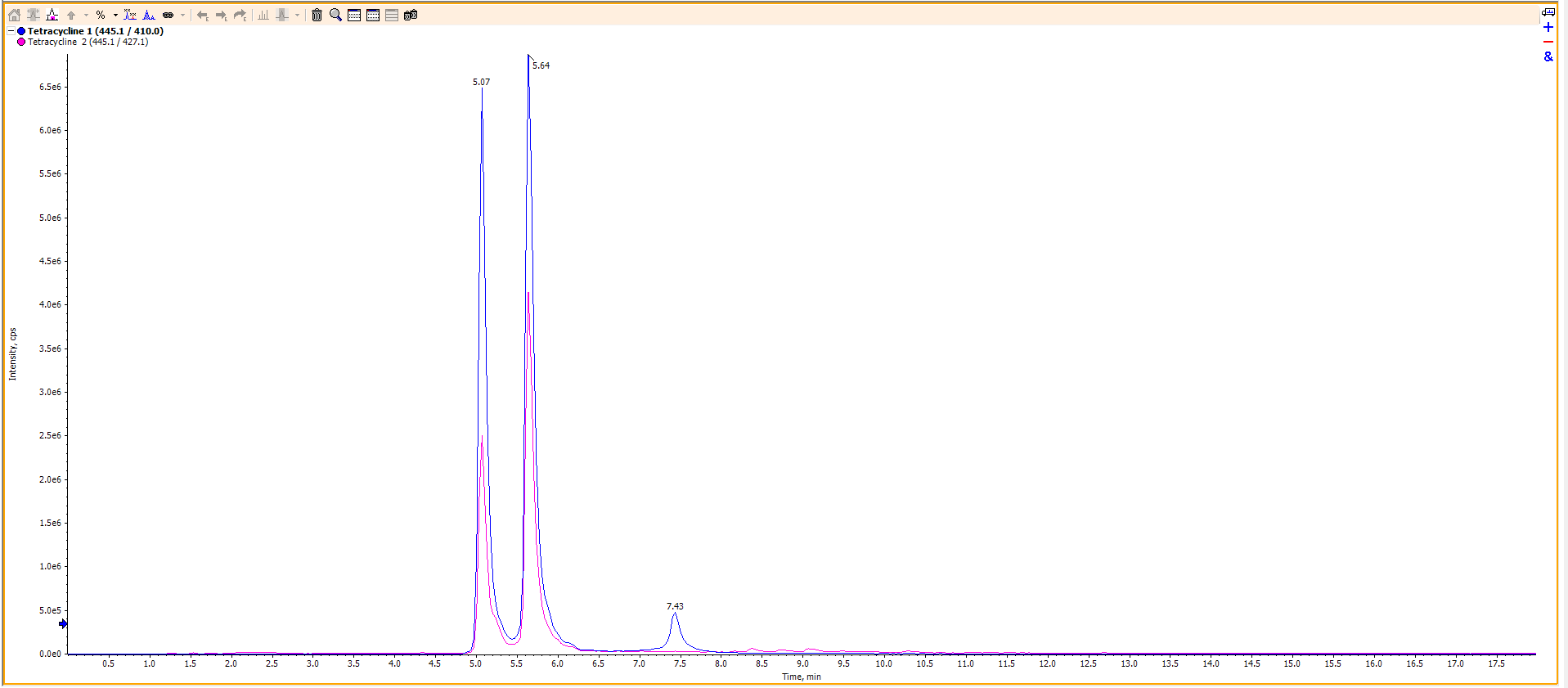
****

Figure S1: Total ion flow chromatogram for tetracycline

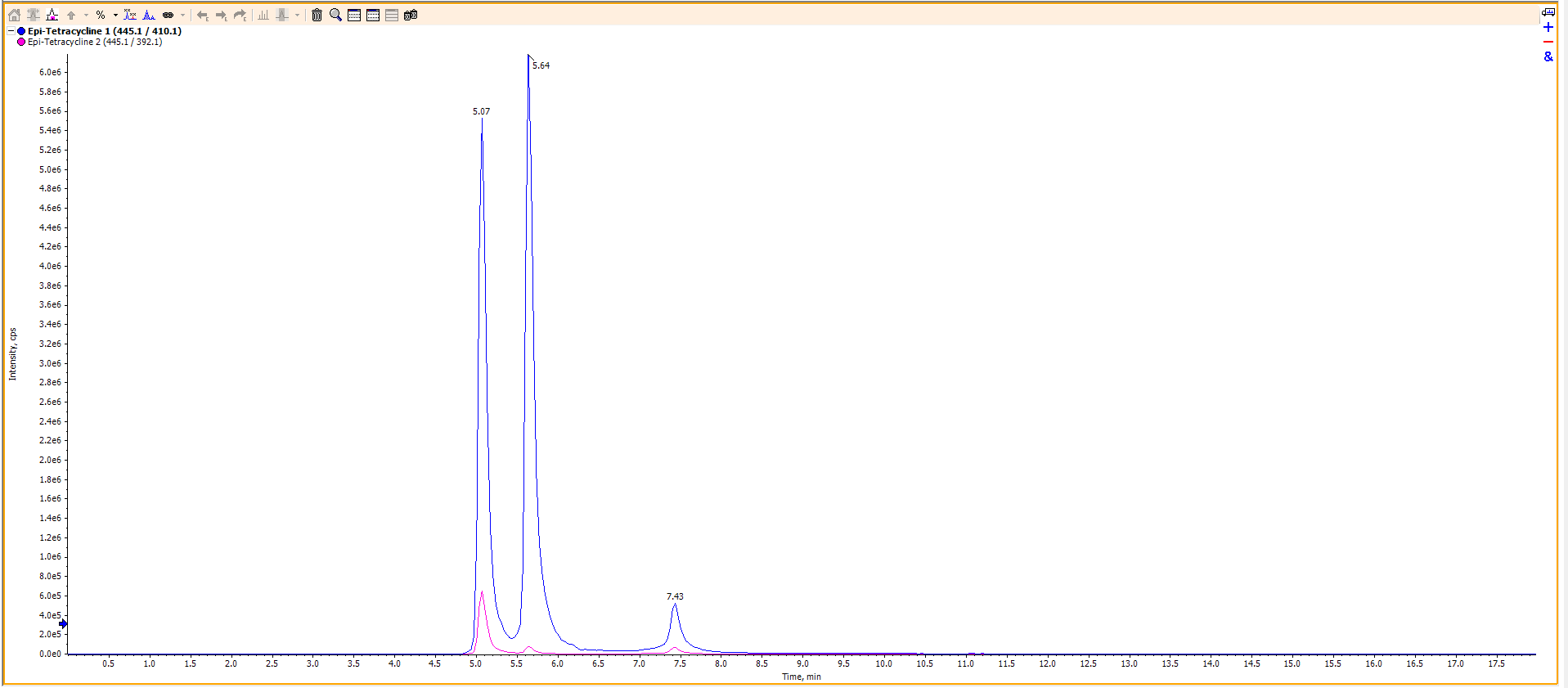


Figure S2: Total ion flow chromatogram for epi-tetracycline

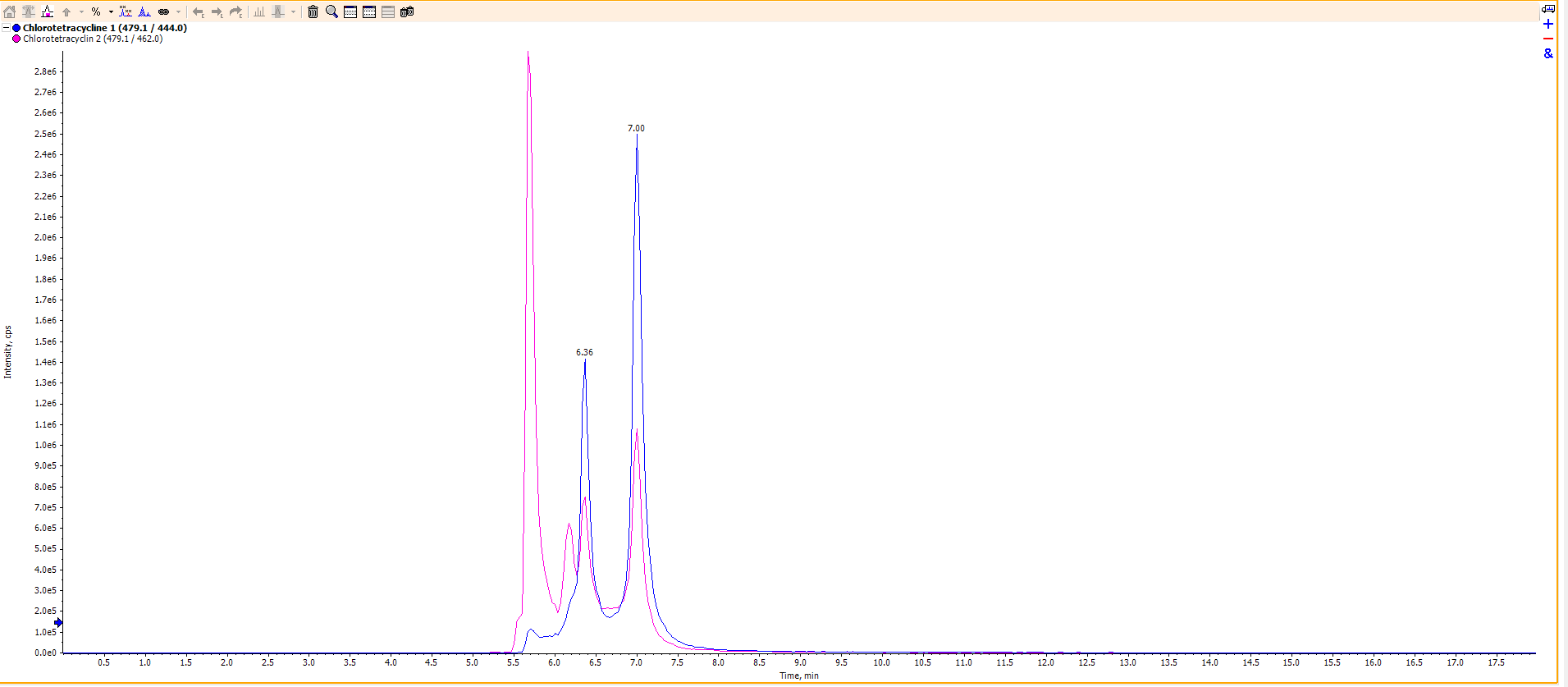
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Figure S3: Total ion flow chromatogram for chlortetracycline

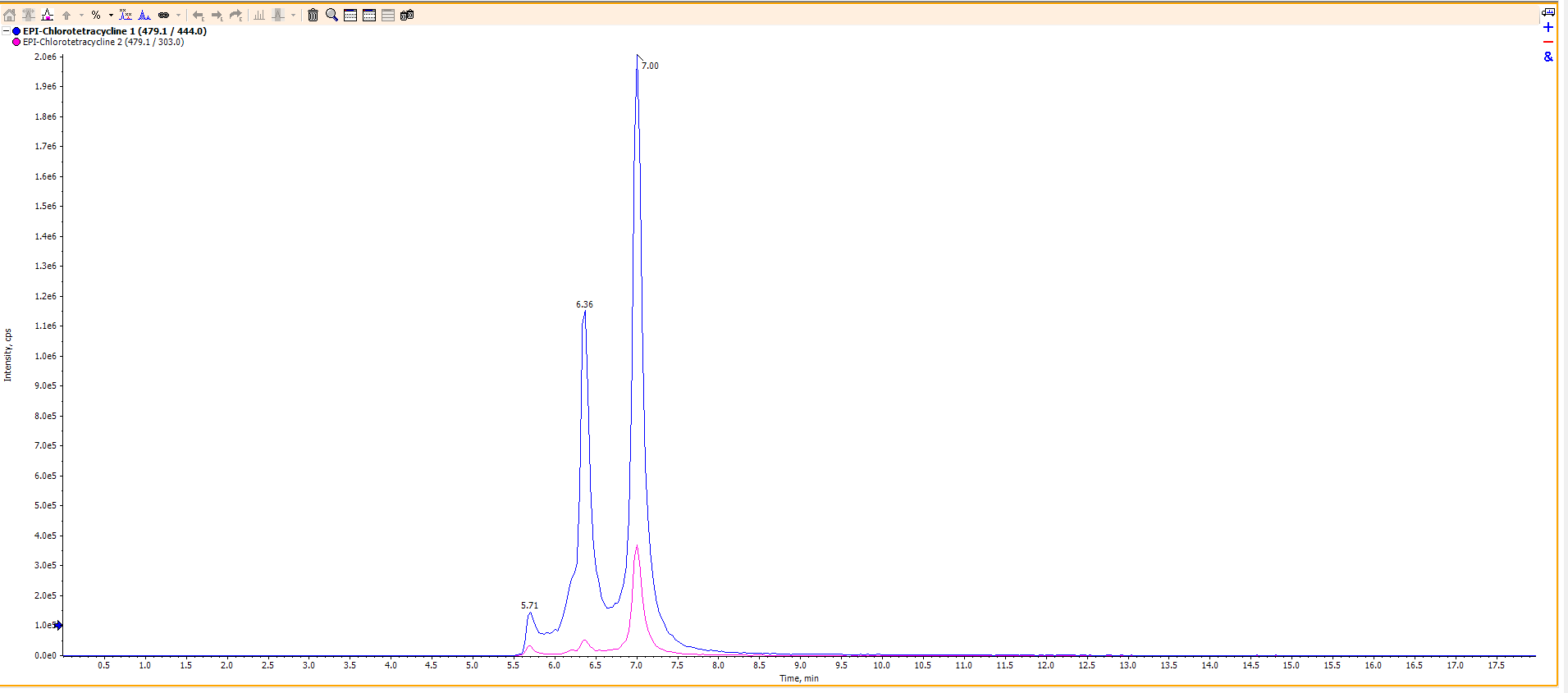
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Figure S4: Total ion flow chromatogram for epi-chlortetracycline

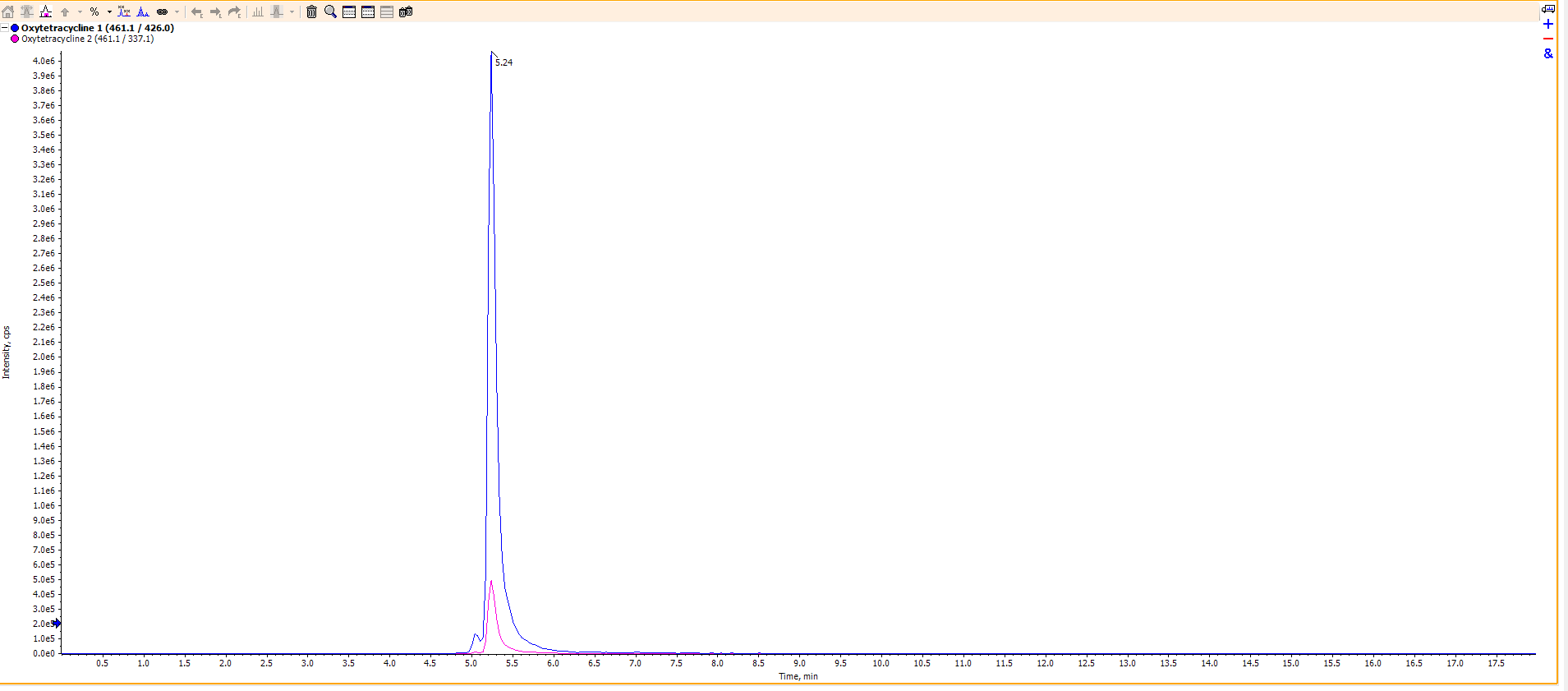


Figure S5: Total ion flow chromatogram for oxytetracycline

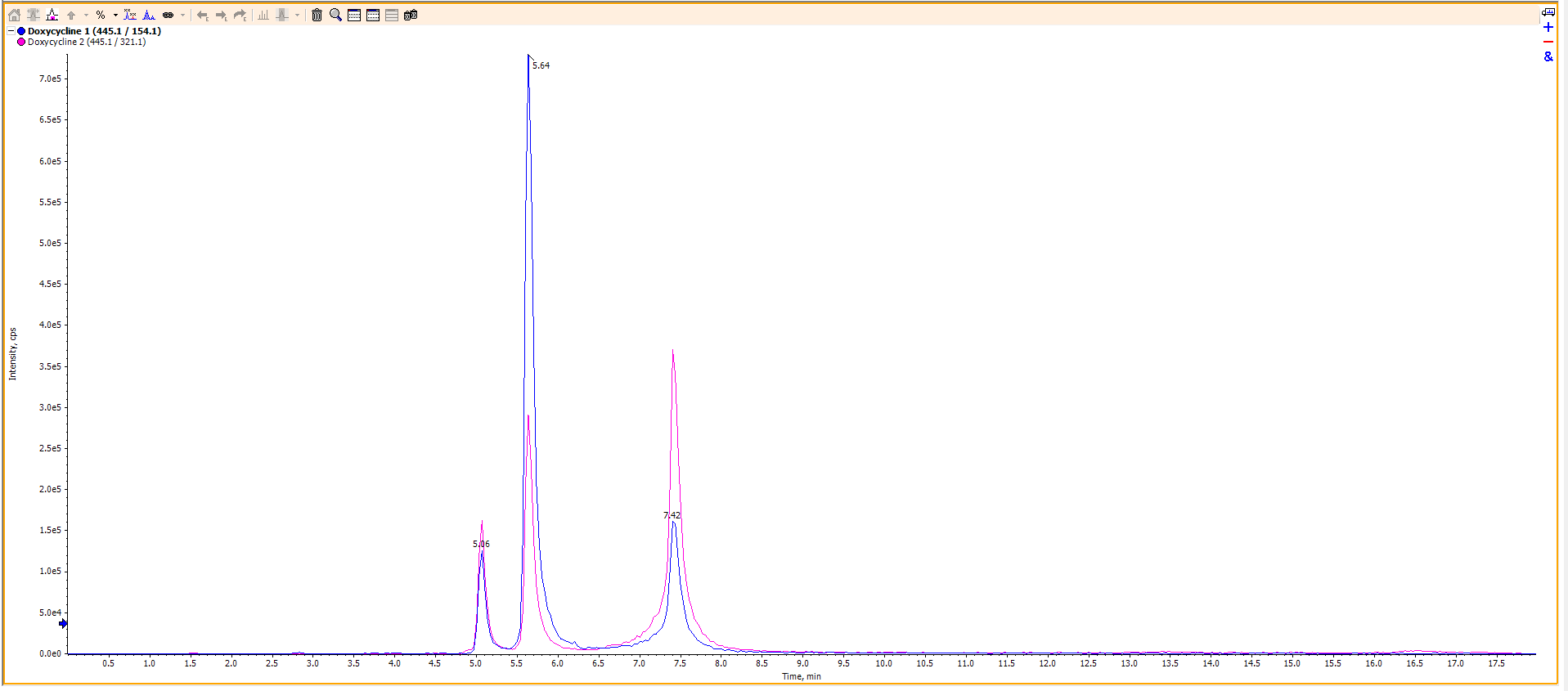
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Figure S6: Total ion flow chromatogram for doxycyclin

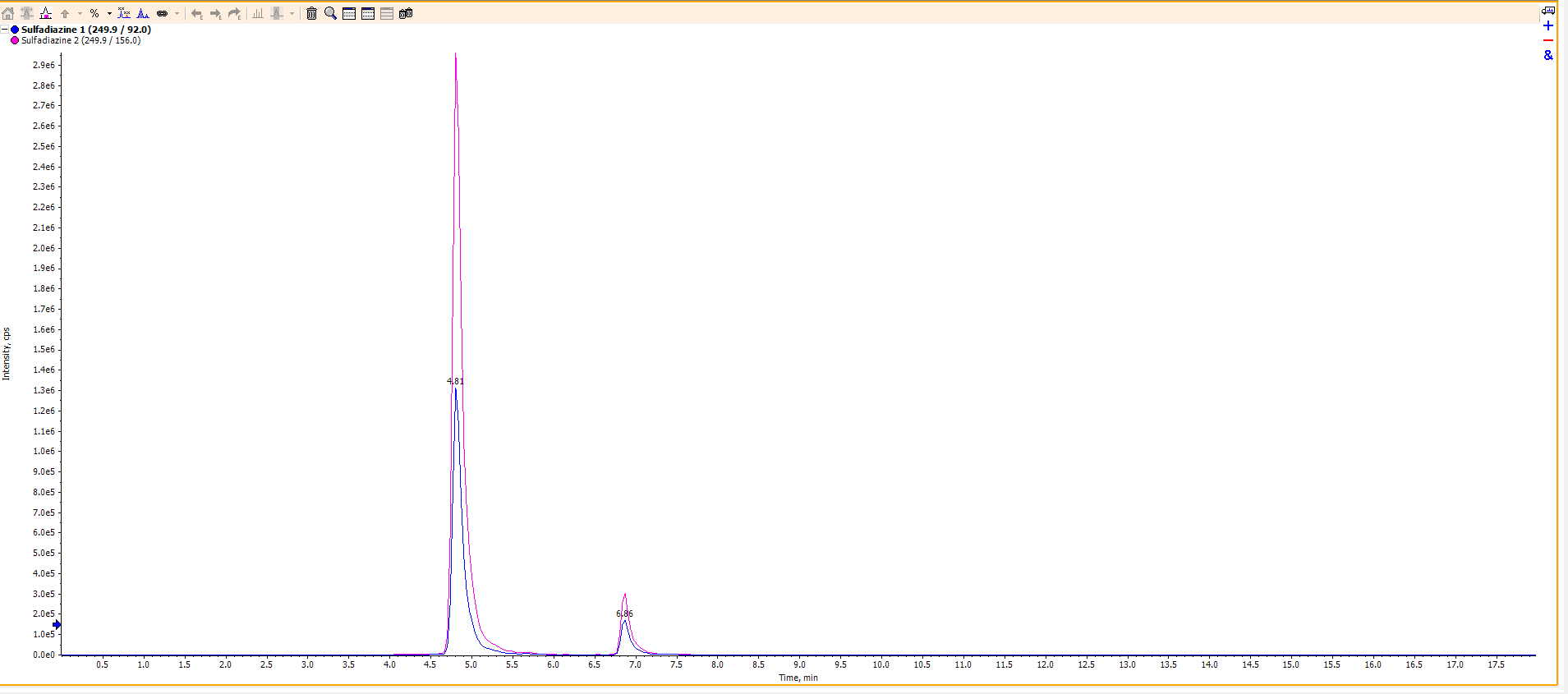


Figure S7: Total ion flow chromatogram for sulfadiazine

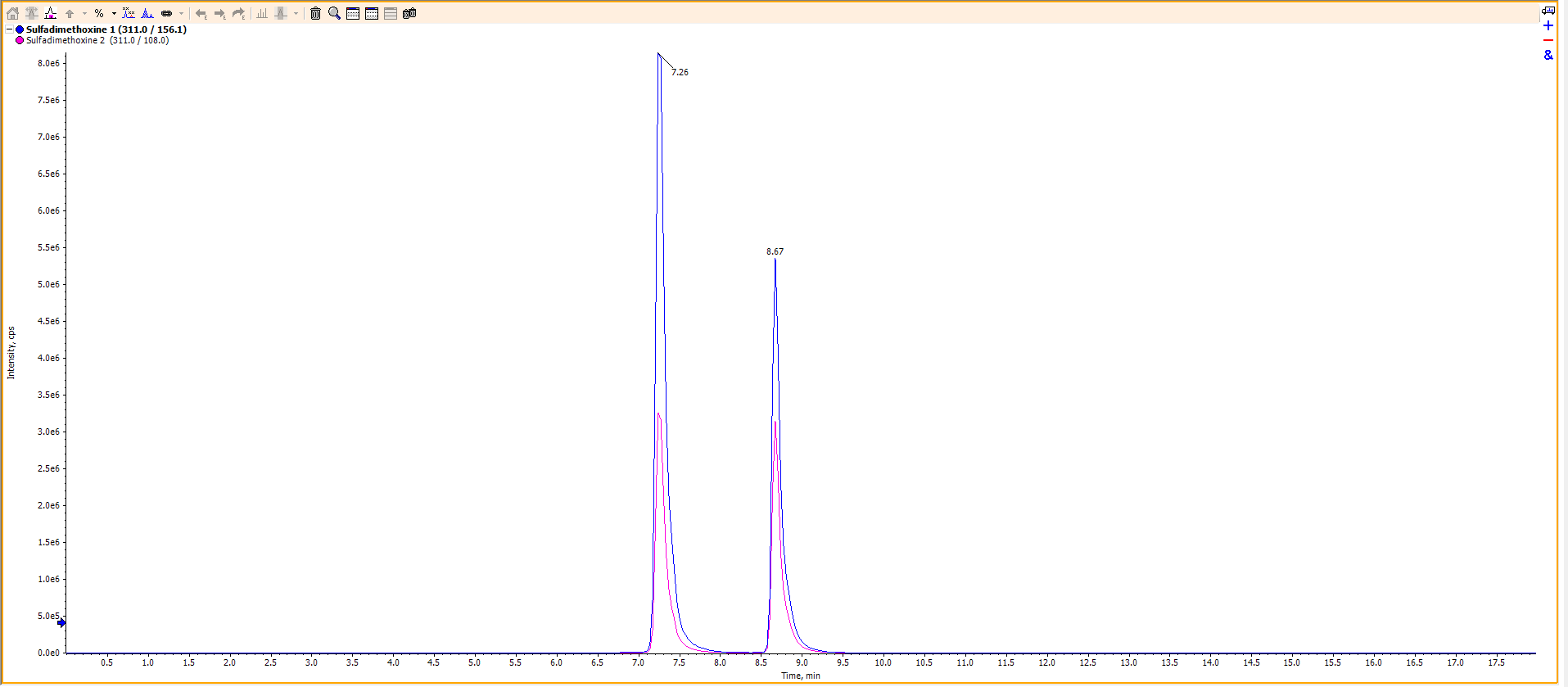
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Figure S8: Total ion flow chromatogram for sulfadimethoxine

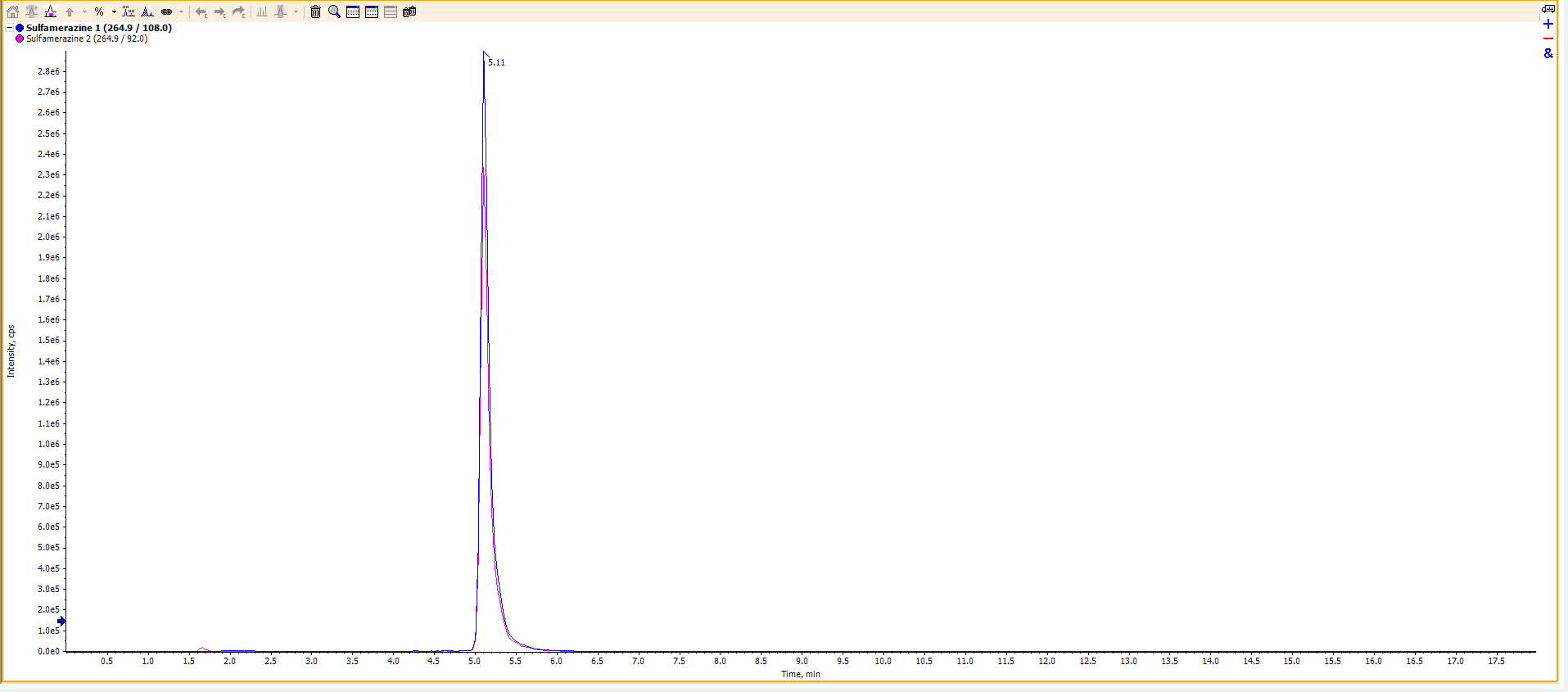


Figure S9: Total ion flow chromatogram for sulfamerazine

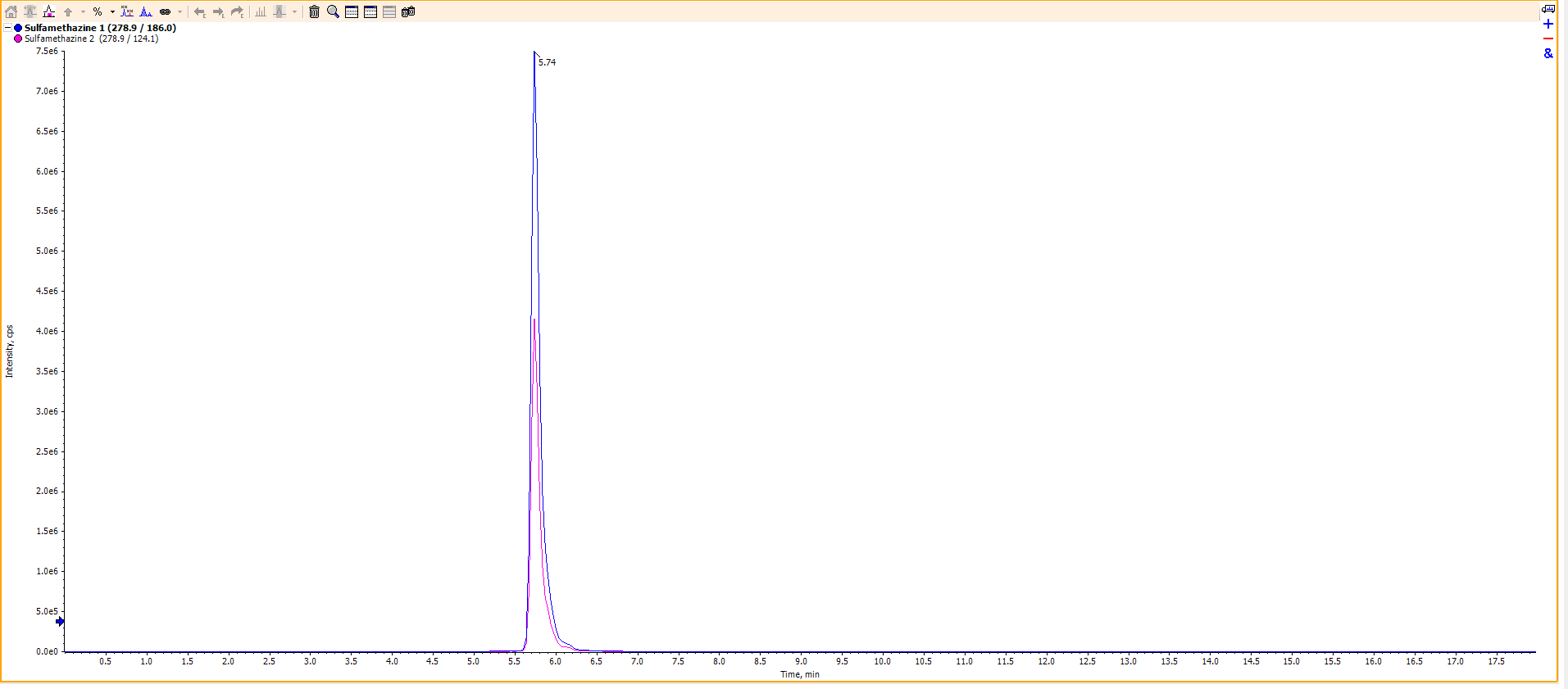


Figure S10: Total ion flow chromatogram for sulfamethazine

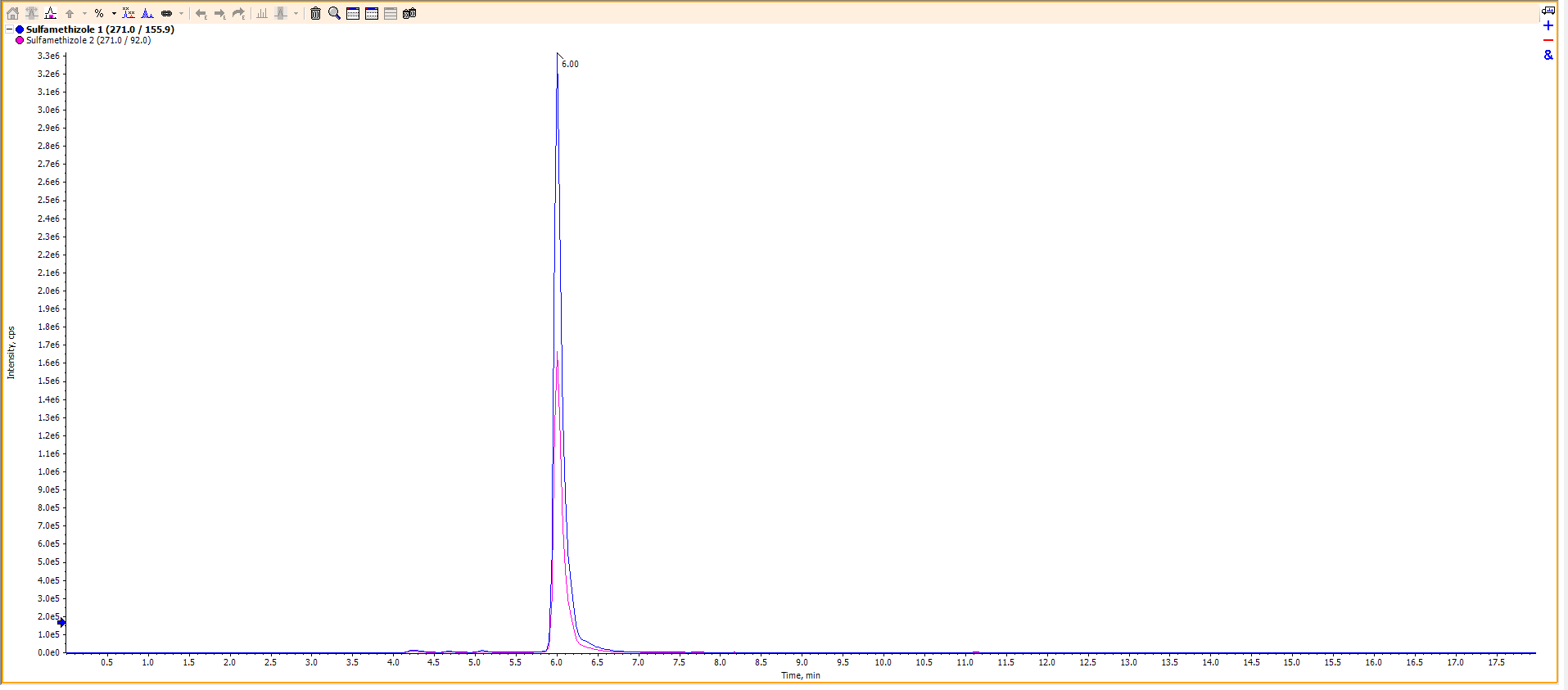
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Figure S11: Total ion flow chromatogram for sulfamethizole

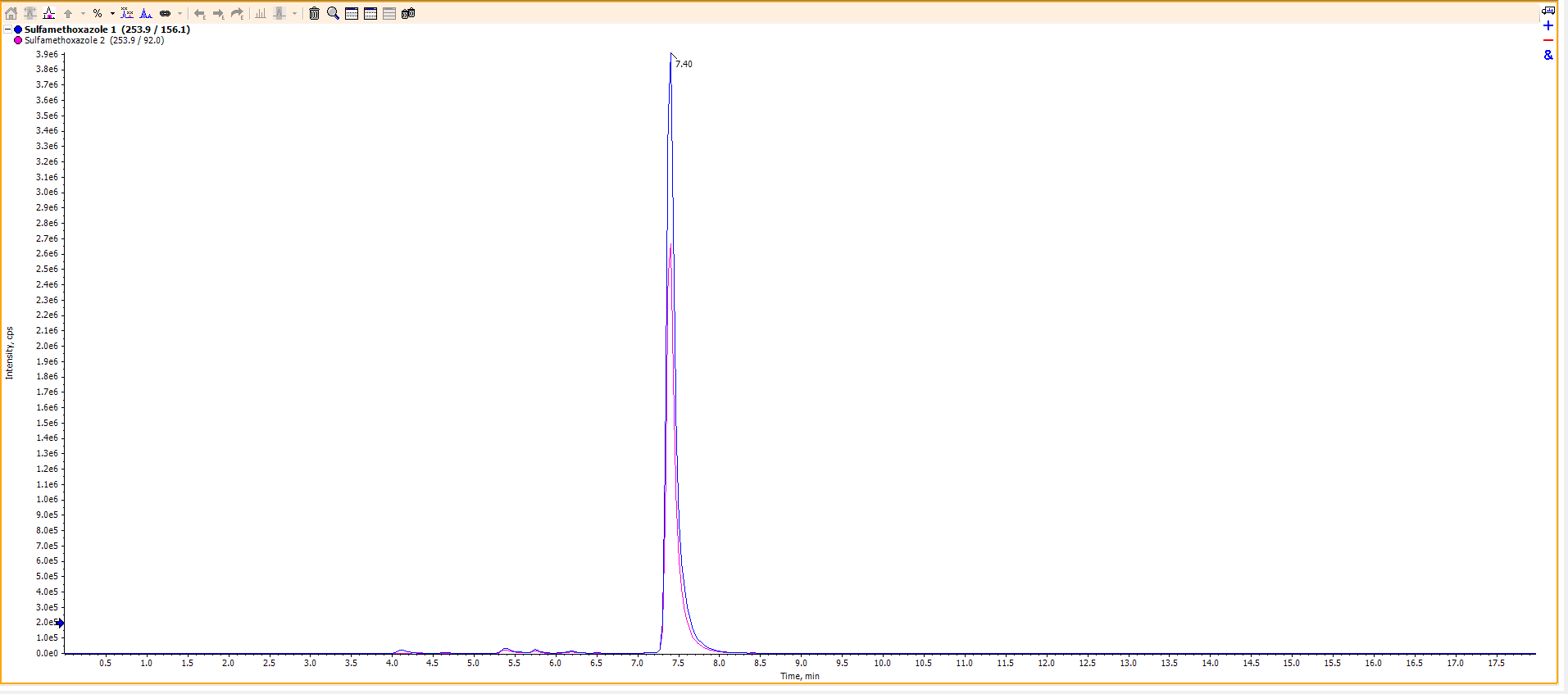
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Figure S12: Total ion flow chromatogram for sulfamethoxazole

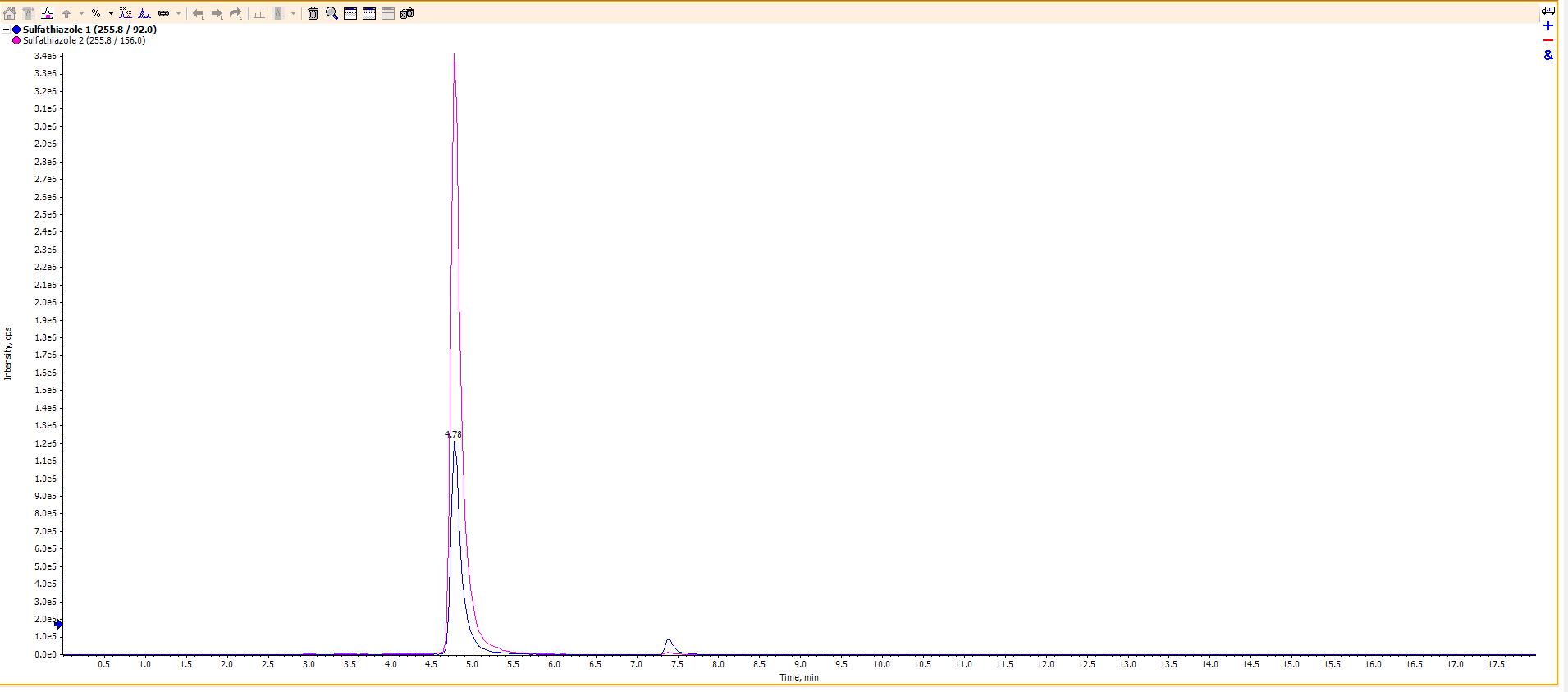


Figure S13: Total ion flow chromatogram for sulfathiazole

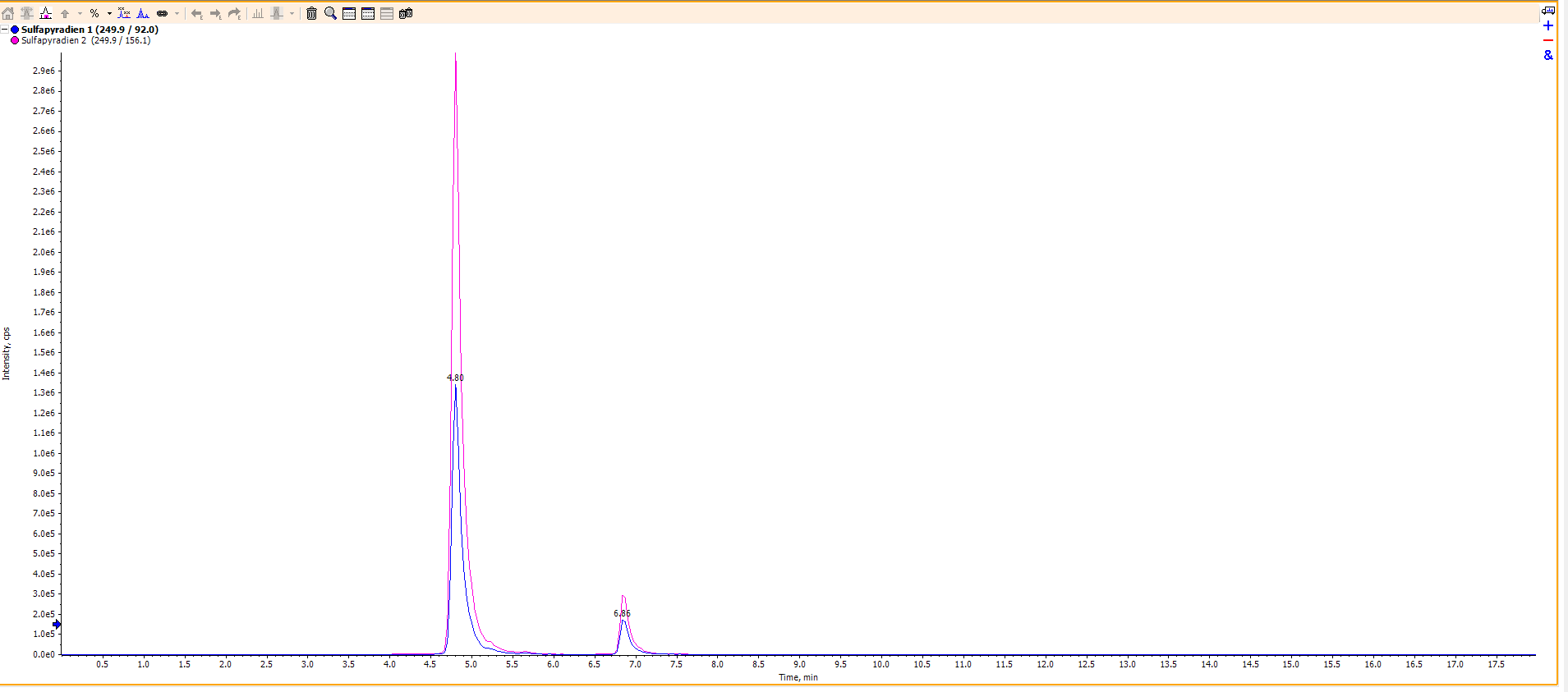


Figure S14: Total ion flow chromatogram for sulfapyridine

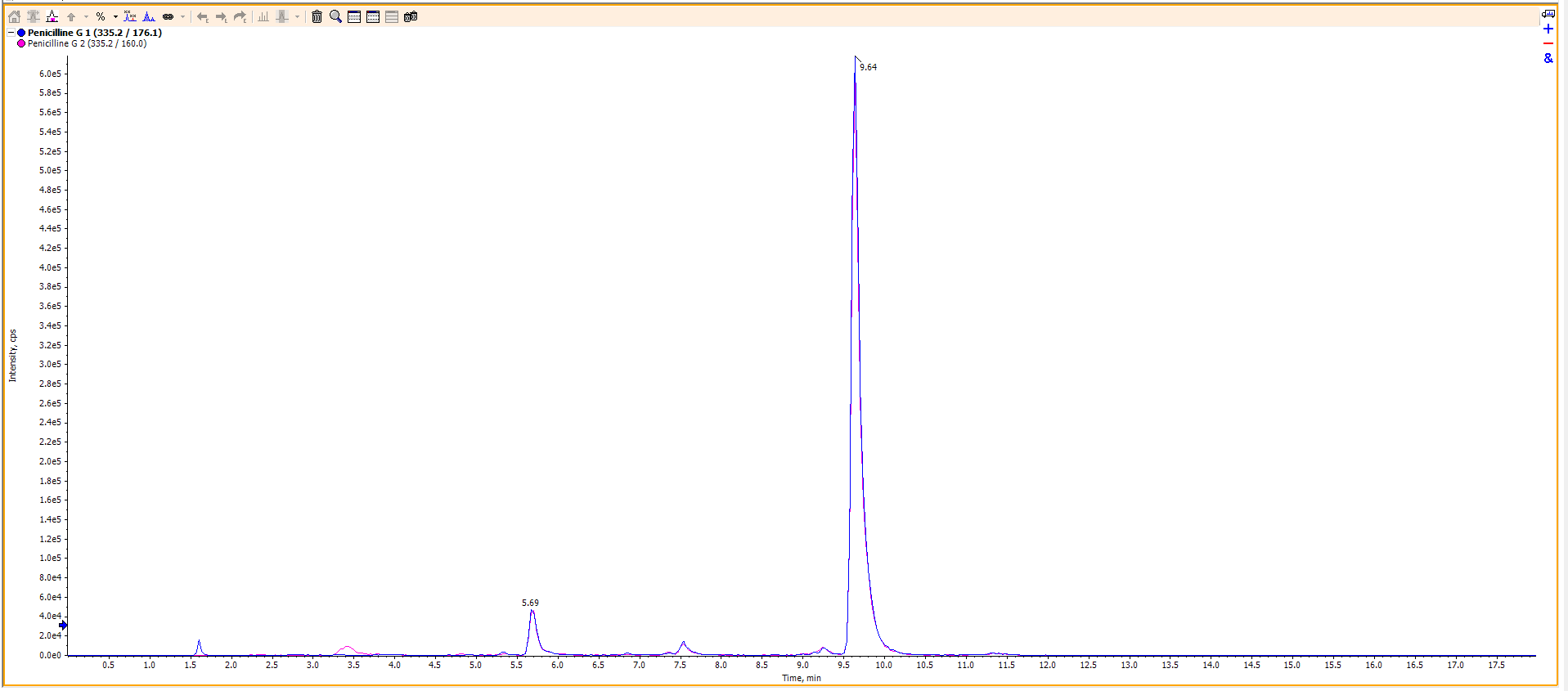
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Figure S15: Total ion flow chromatogram for benzylpenicillin

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Figure S16: Total ion flow chromatogram for ciprofloxacin

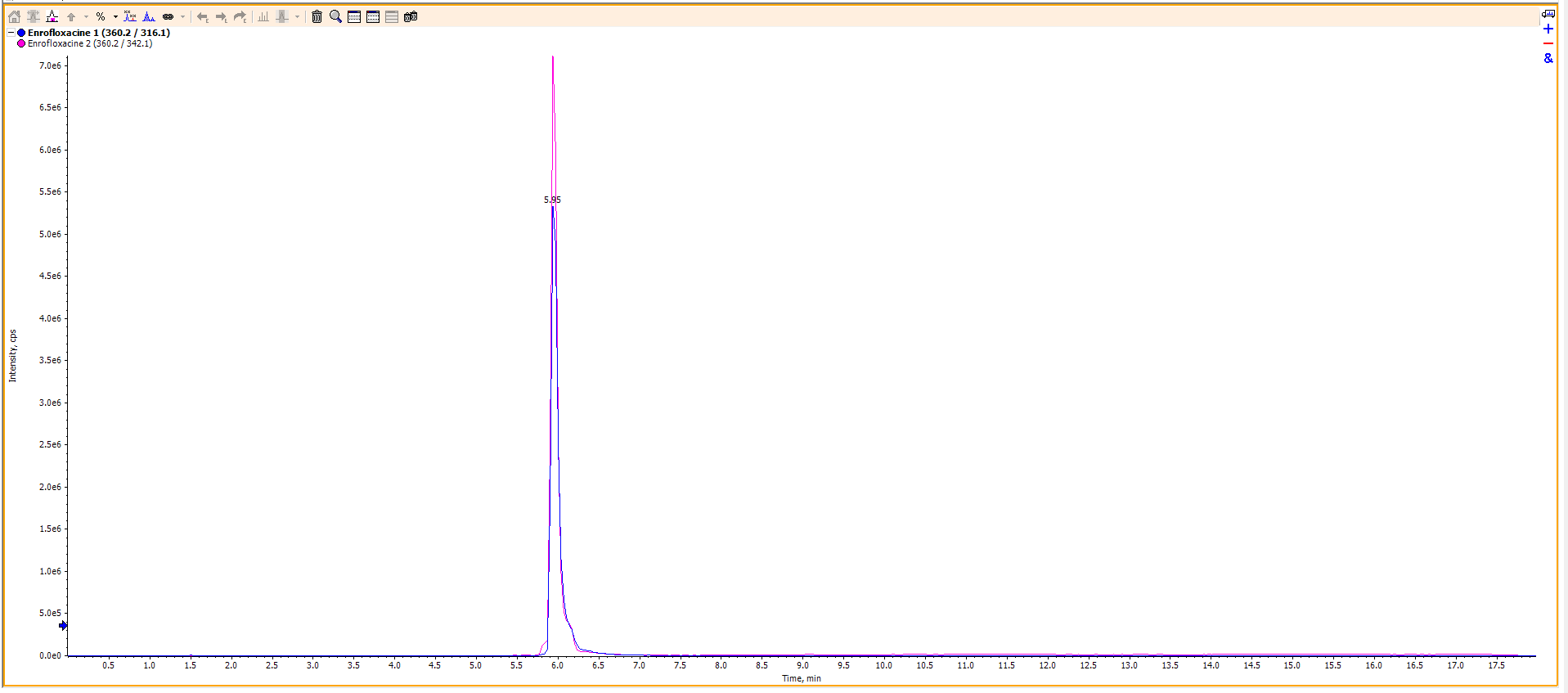


Figure S17: Total ion flow chromatogram for enrofloxacin

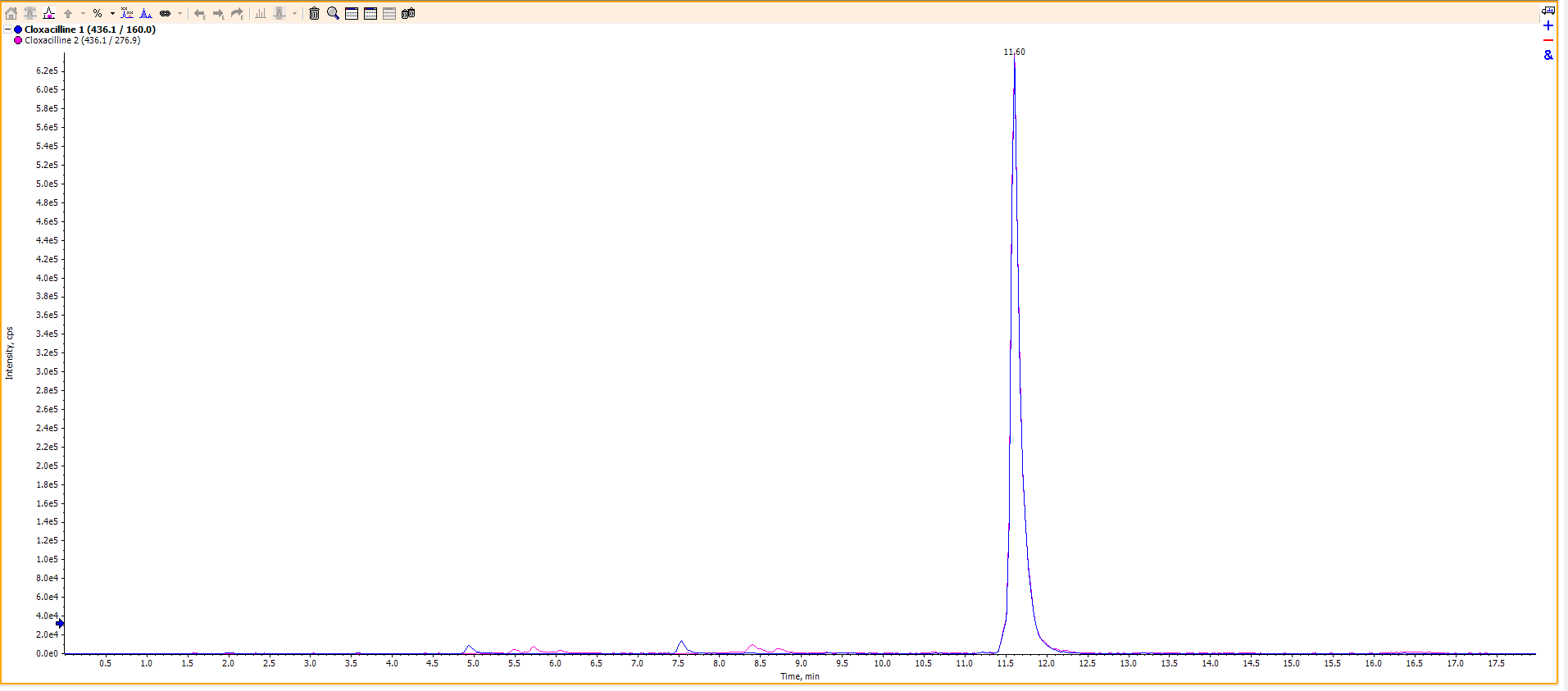
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Figure S18: Total ion flow chromatogram for cloxacillin

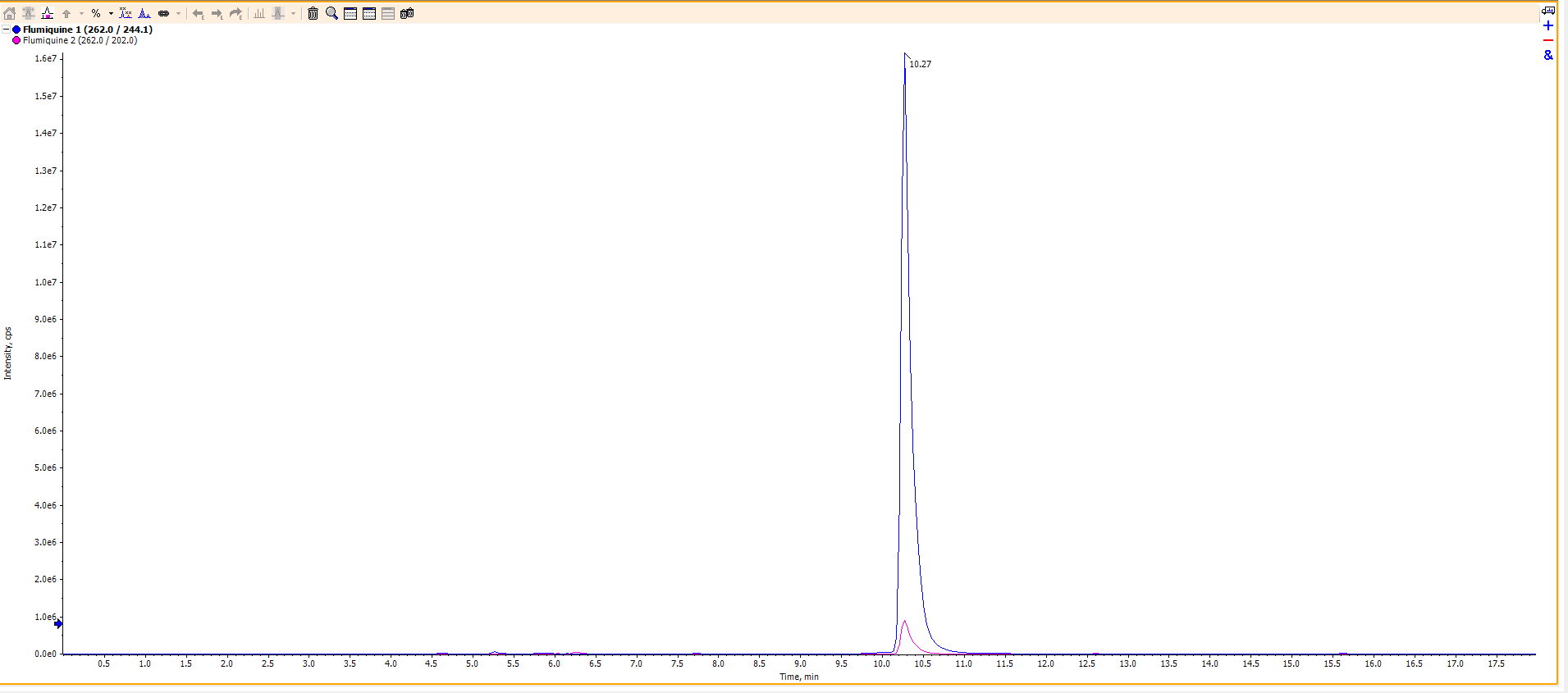


Figure S19: Total ion flow chromatogram for flumequine

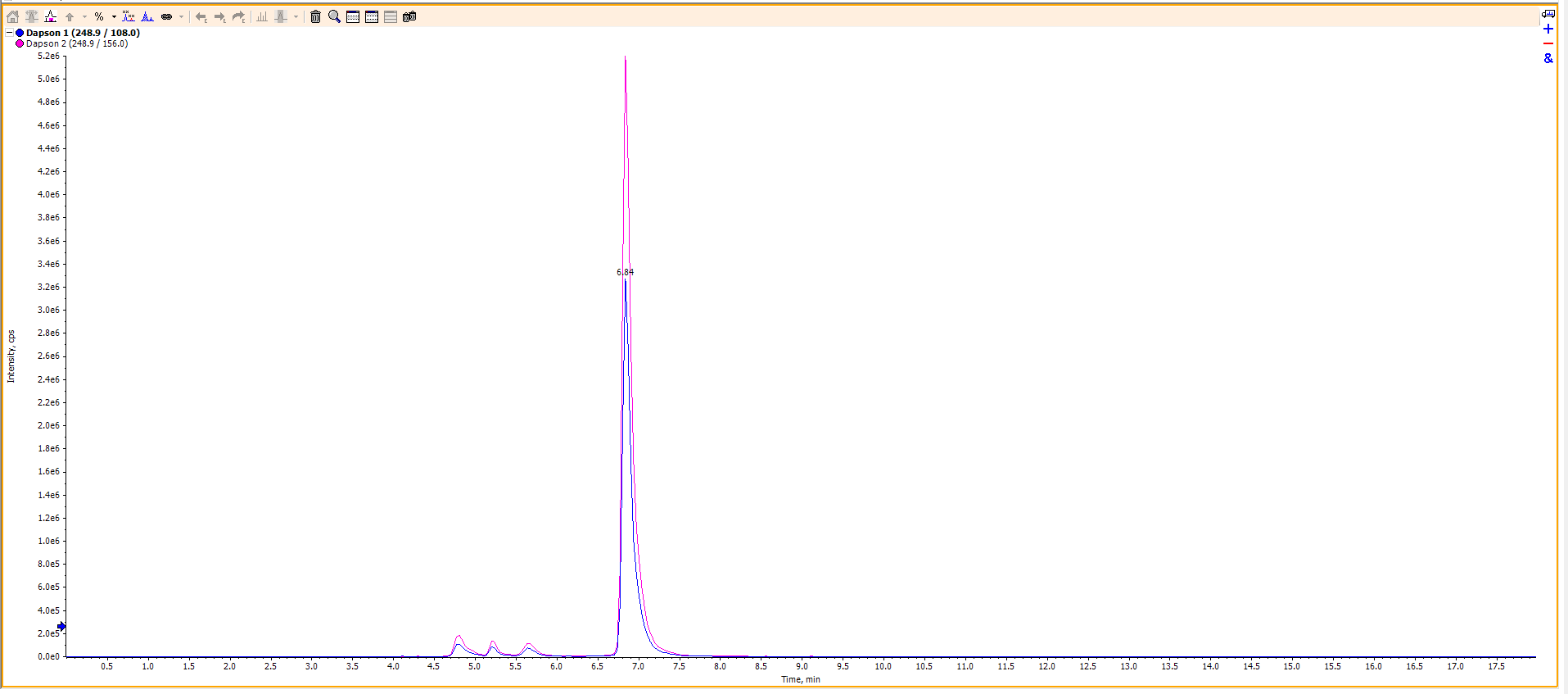


Figure S20: Total ion flow chromatogram for dapsone

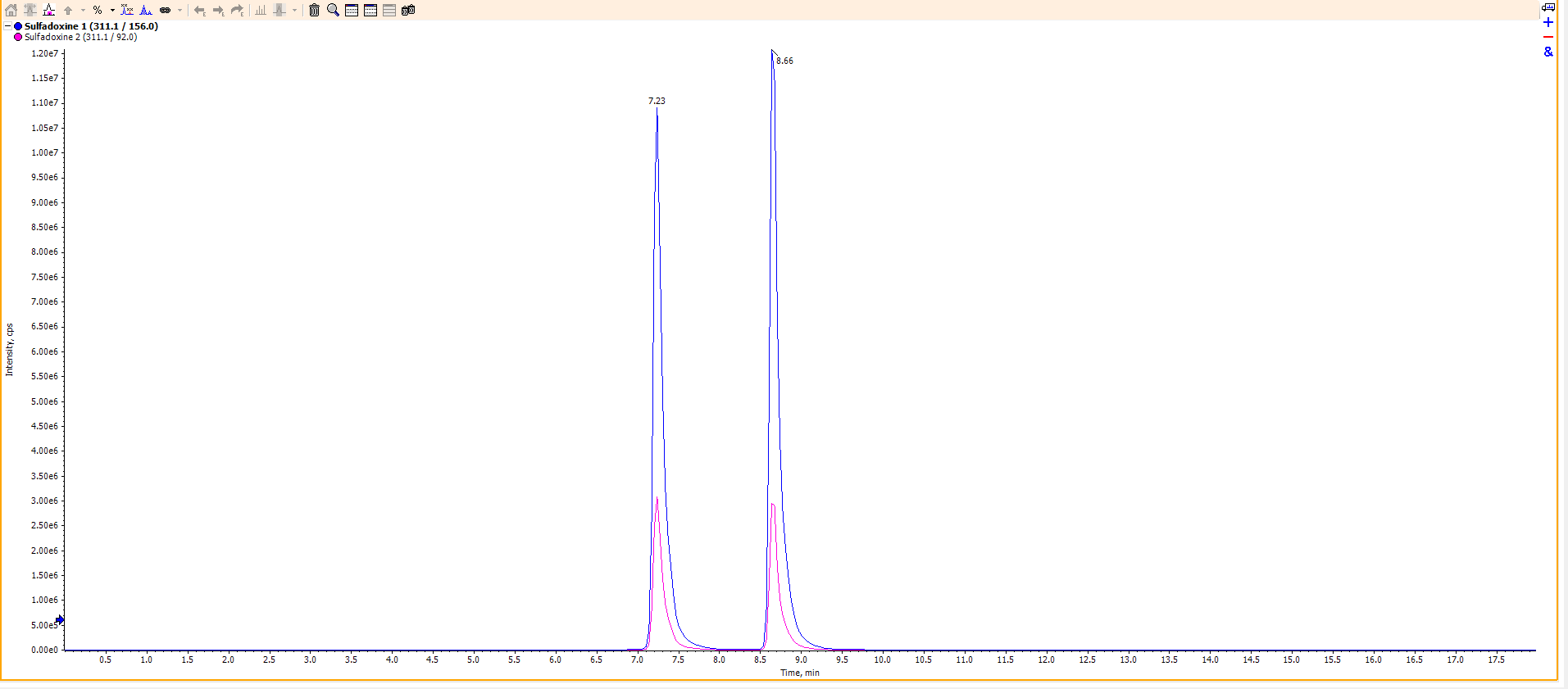


Figure S21: Total ion flow chromatogram for sulfadoxine

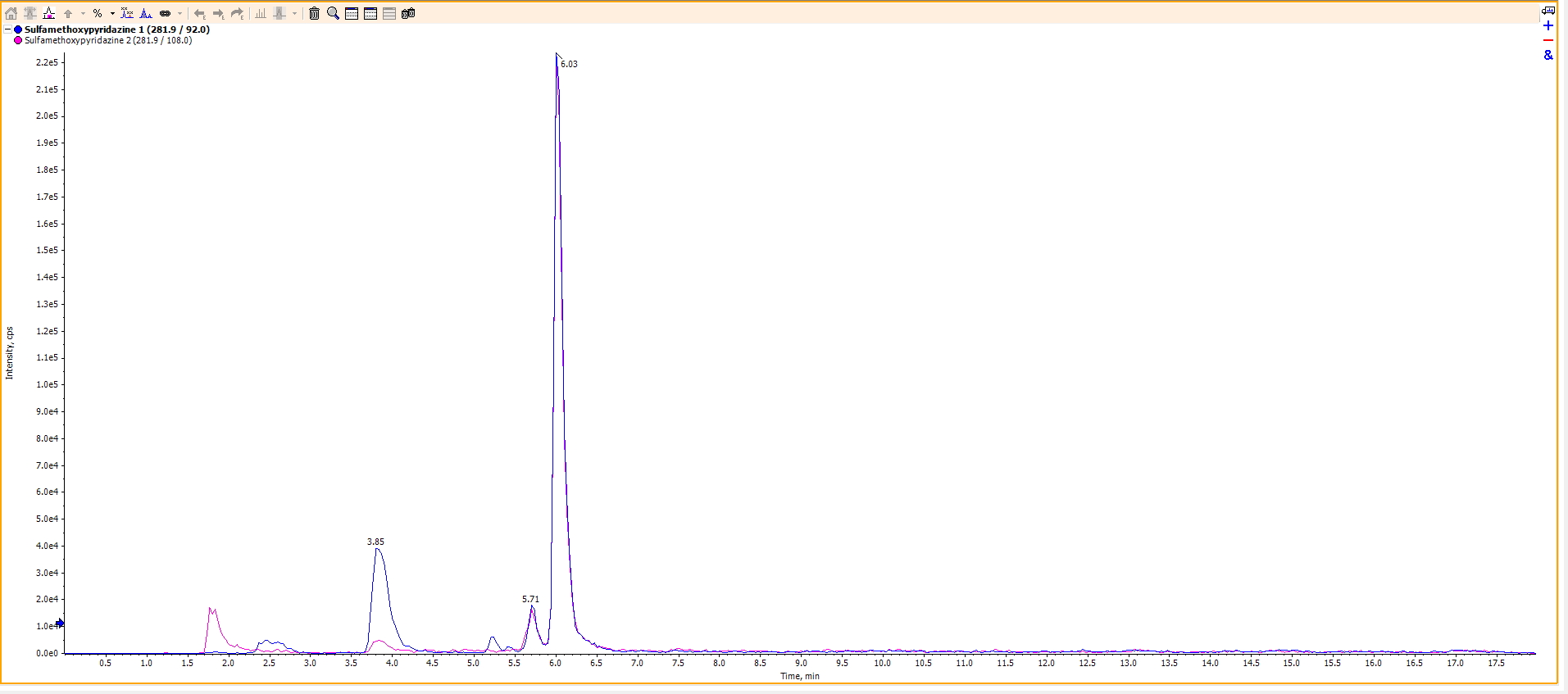
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Figure S22: Total ion flow chromatogram for sulfamethoxypyridazine

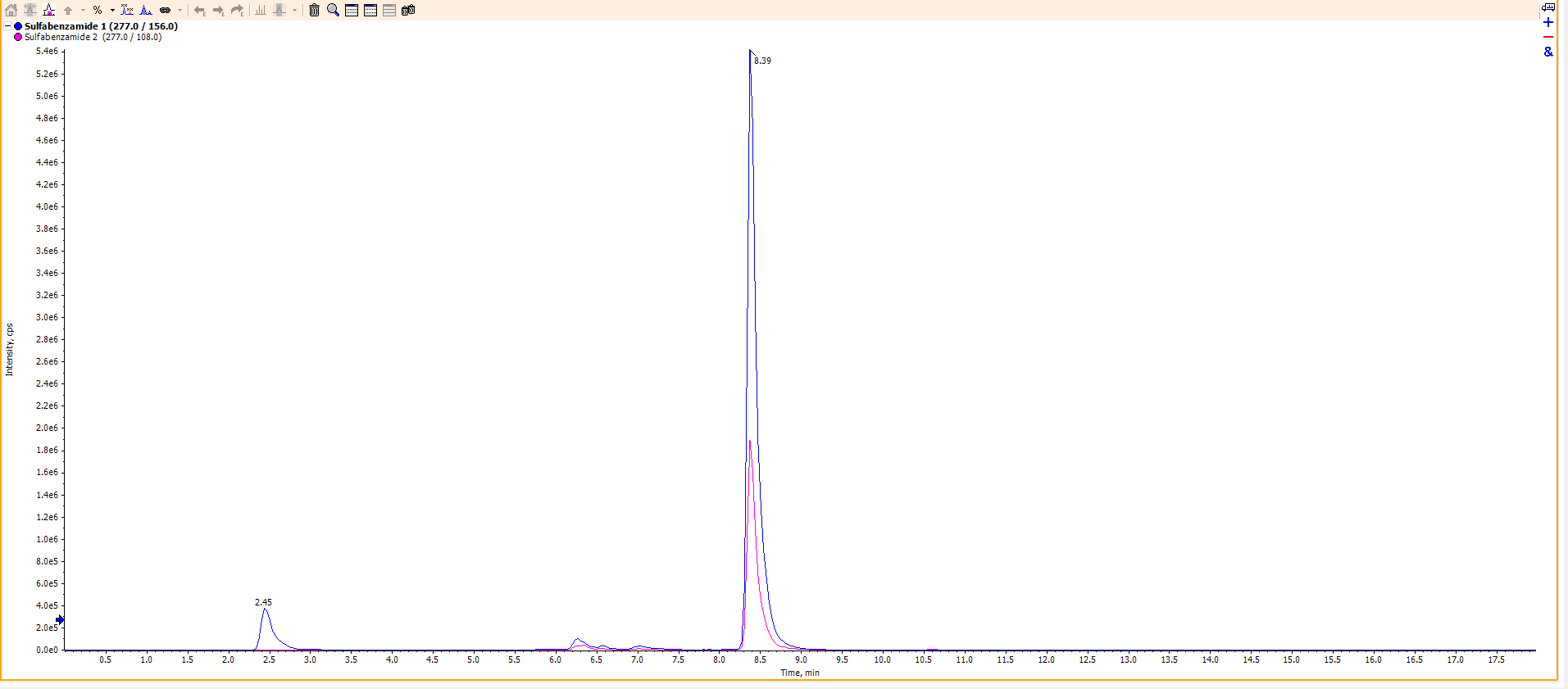


Figure S23: Total ion flow chromatogram for sulfabenzamide

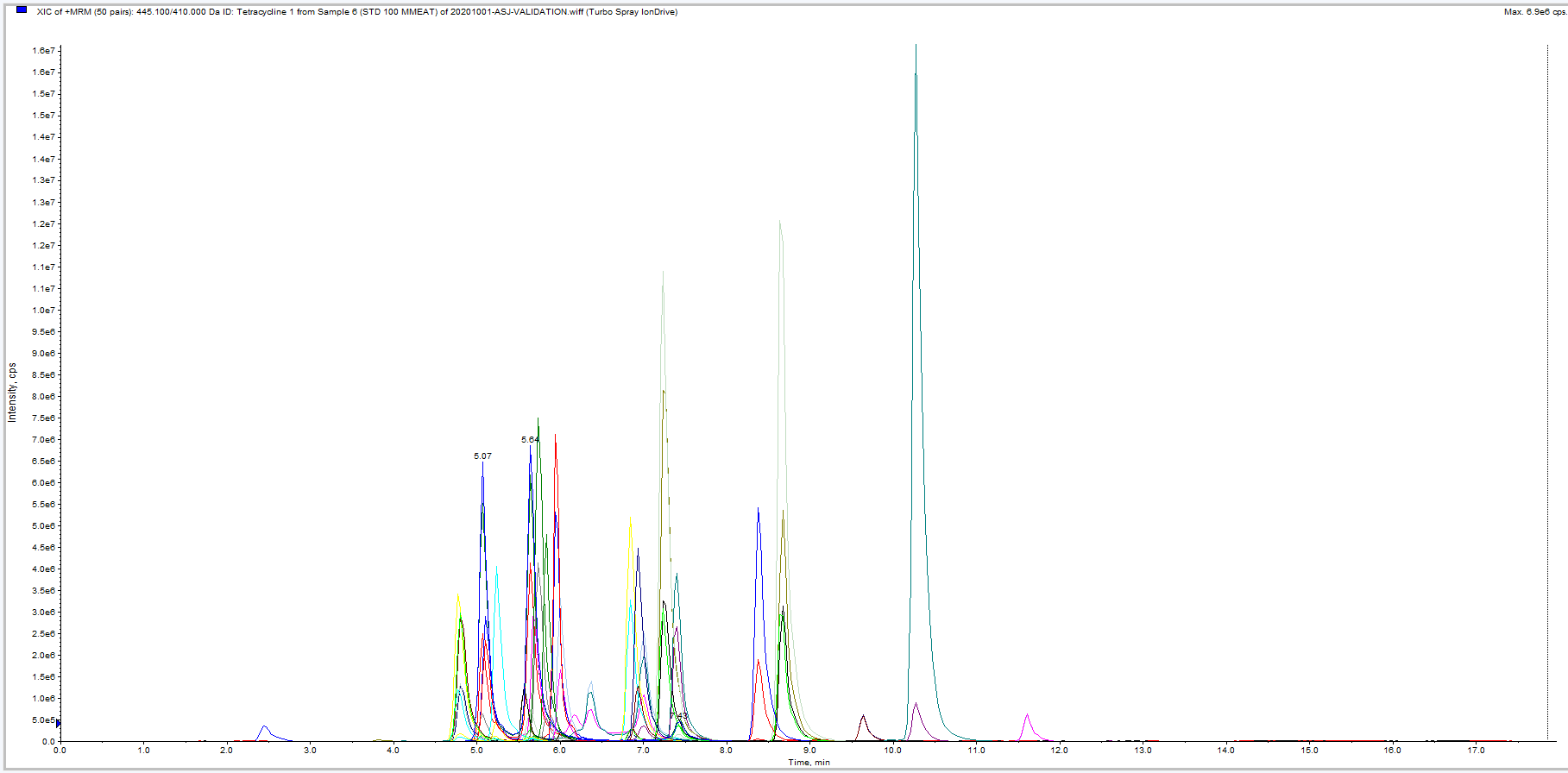


Figure S24: Total ion flow chromatogram of mixed standards

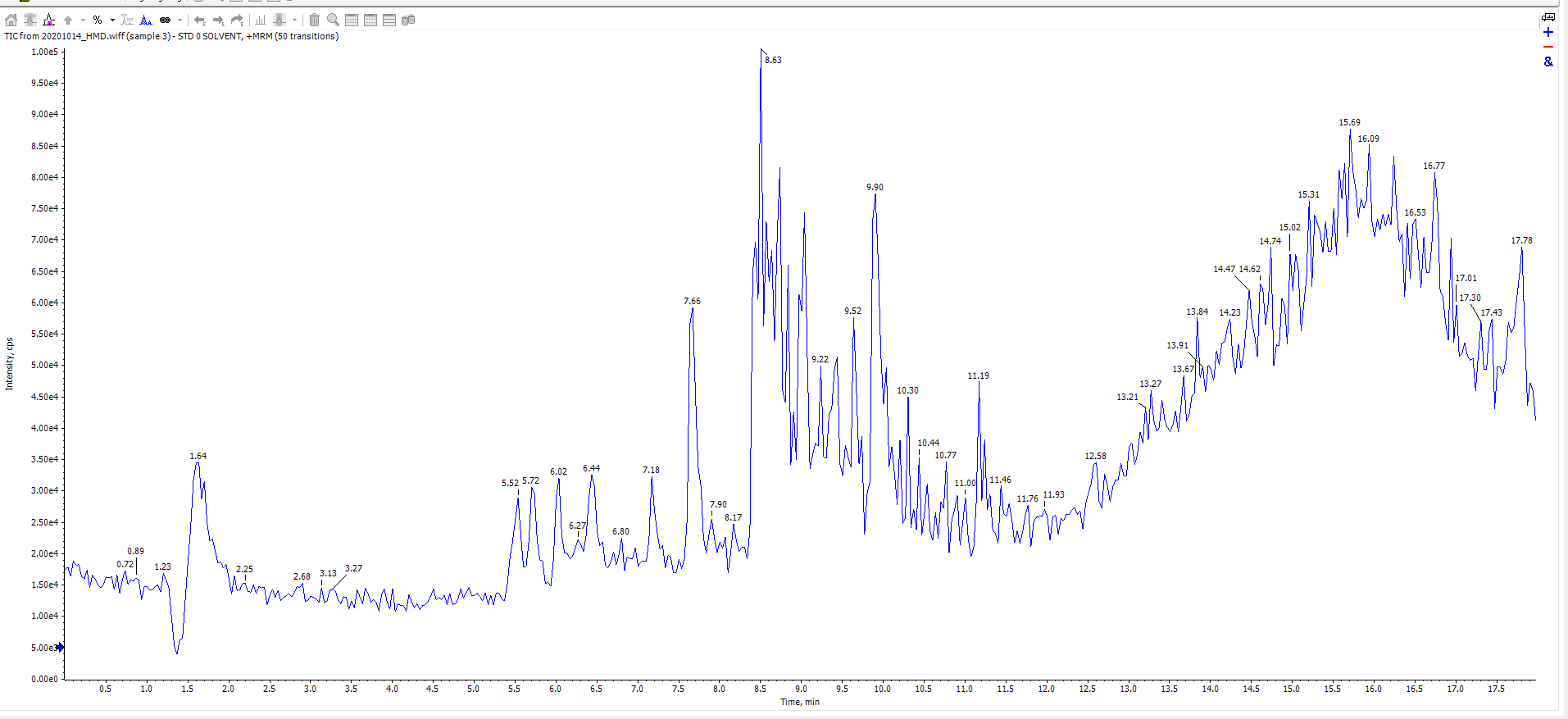
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Figure S25: Total ion flow chromatogram of a blank sample

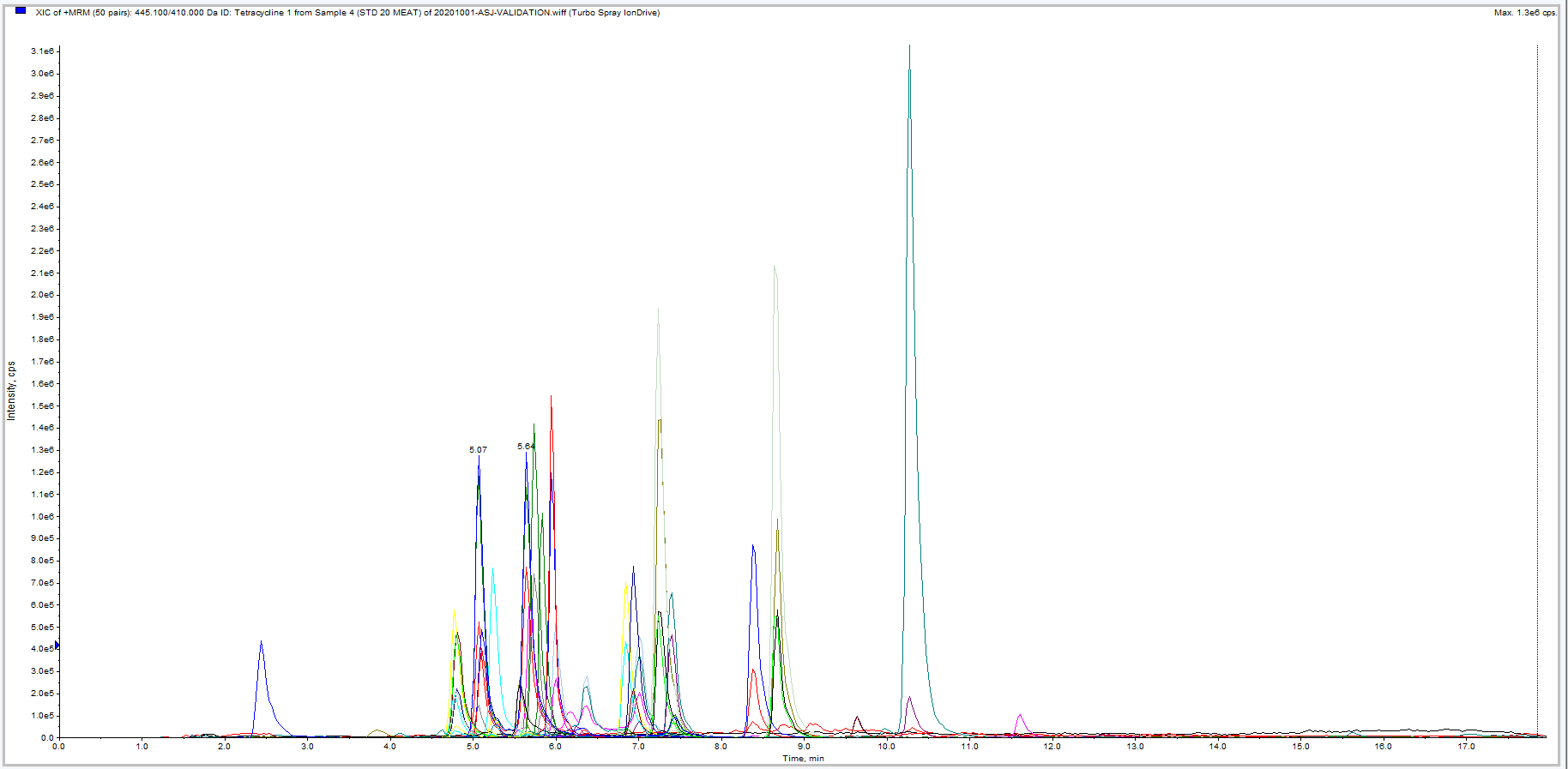


Figure S26: Total ion flow chromatogram for the minimum added concentration (20 μg/kg) of the 23 veterinary drug

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Figure S27: Certificate of participation in a proficiency test provided by fapas

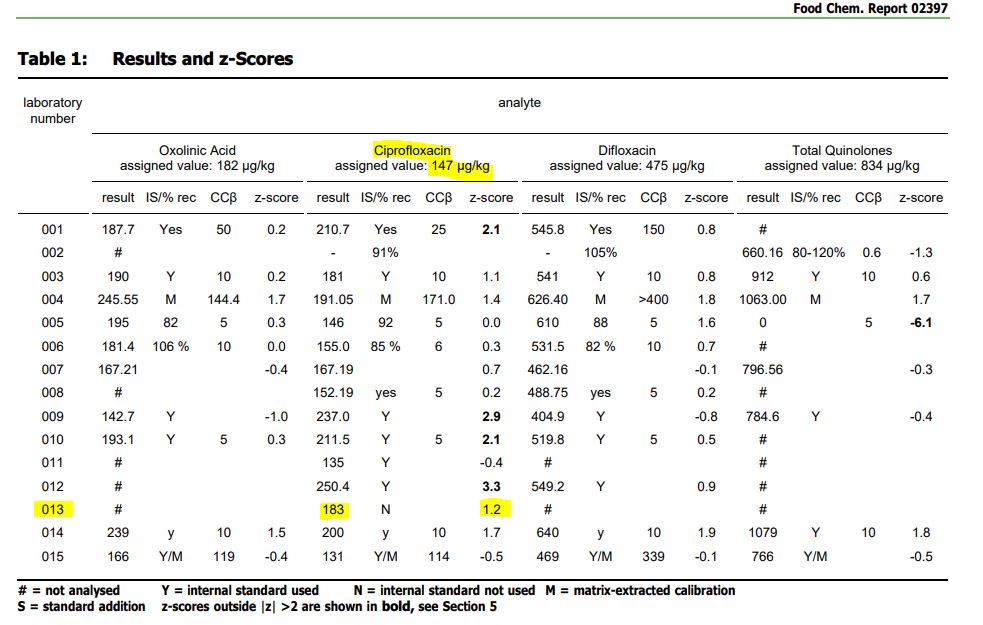


Figure S28: Laboratory performance in the proficiency test