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Dear Pacific Manufacturing & Design,

Based on data obtained from UHPLC-PDA and previous studies on GC-MS, peaks 1, 2 and 3 from Pure Relief Party Time Strawberry Cream D9 + HHC appear to be consistent with a mixture of diastereomers of hexahydrocannabinol (HHC). Since there are no reference standards for hexahydrocannabinol currently available, neither a definitive assignment nor a precise quantitation can be performed. However, the three signals labeled peaks 1, 2 and 3 for Pure Relief Party Time Strawberry Cream D9 + HHC (Figure 1) had identical retention times and UV profiles on the UHPLC-PDA method to signals assigned to HHC from previous samples. The previous samples, when analyzed by GC-MS, presented four distinct signals (two major, two minor) with a molecular ion of 316.3 m/z, the expected mass of HHC. Furthermore, the UV profiles of the signals correspond with a cannabinoid of this type, yet have a unique retention time compared to other known cannabinoids.

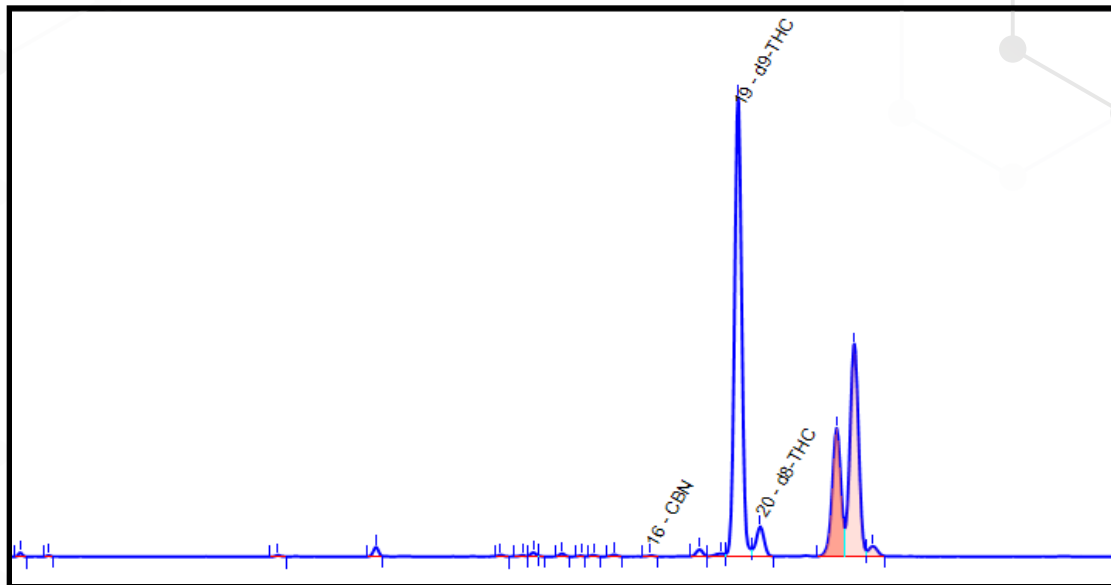


Figure 1. UHPLC-PDA chromatogram of Pure Relief Party Time Strawberry Cream D9 + HHC

The data allows us to provide a preliminary assignment of the three signals as isomers of hexahydrocannabinol. The estimated combined concentration of all isomers is ~15.5mg/gummy, with individual peaks 1, 2, and 3 around ~4mg/gummy, ~11mg/gummy, and ~0.5mg/gummy.

As reference standards become available, a more unequivocal assignment and precise quantitation will be possible. As it stands, the data are all consistent with hexahydrocannabinol.

Sincerely,

Erik Paulson

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