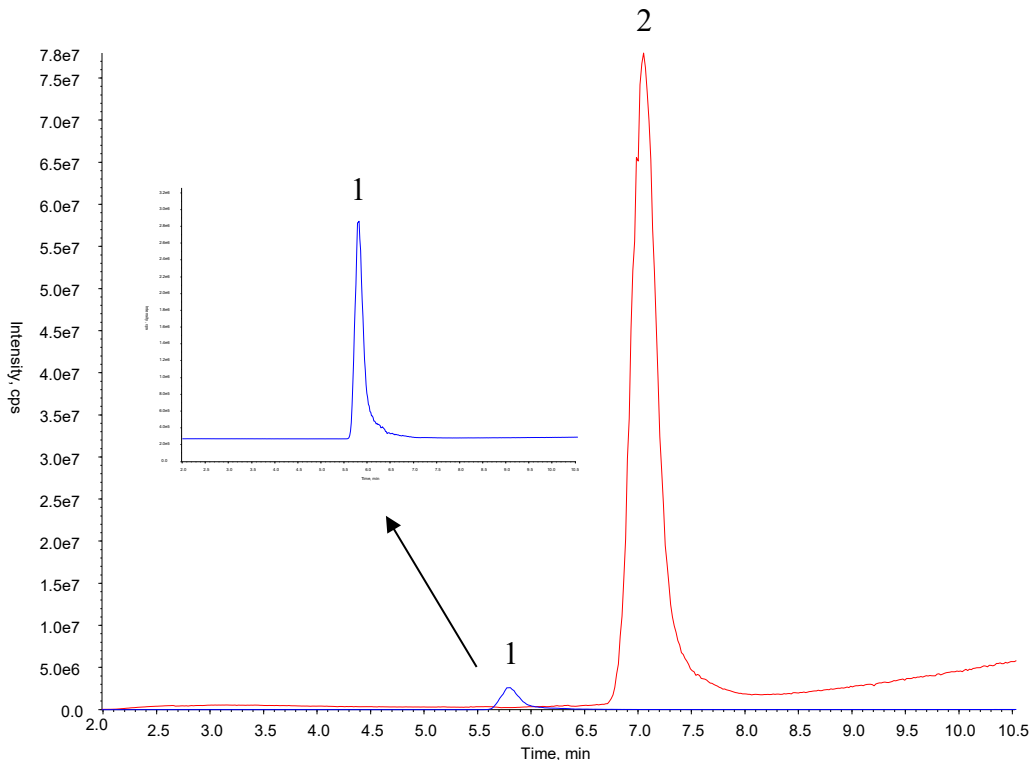


Analysis of Difluoroacetic acid and Trifluoroacetic acid



Conditions

System : ExionLC AD (SCIEX)
Qtrap 6500+

Column : InertSustain AX-C18 (GL Sciences Inc.)
(3 μ m, 150 x 2.1 mm I.D., Metal-free hardware)

Delay Column : Delay column for PFAS
(30 x 3.0 mm I.D.)

Column Cat. No. : 5020-91059

Delay Column Cat.No. : 5020-90005

Eluent : A) 10 mM CH₃COONH₄,
0.1 % CH₃COOH in H₂O
B) CH₃CN

Analyte:

1. Trifluoroacetic acid 500 ng/mL
(Q1/Q3 = 112.8/68.8)

2. Difluoroacetic acid 500 ng/mL
(Q1/Q3 = 94.8/50.9)

Time (min)	A (vol %)	B (vol %)
0	20	80
5.0	2	98
8.0	2	98
8.1	20	80
12.0	20	80

Flow Rate : 0.2 mL/min

Col. Temp. : 40 °C

Detection : MS/MS (ESI, Negative)

CUR	CAD	IS	TEM	GS1	GS2
35	10	-4500	400	30	30

Injection Vol. : 3 μ L

Sample : Standard