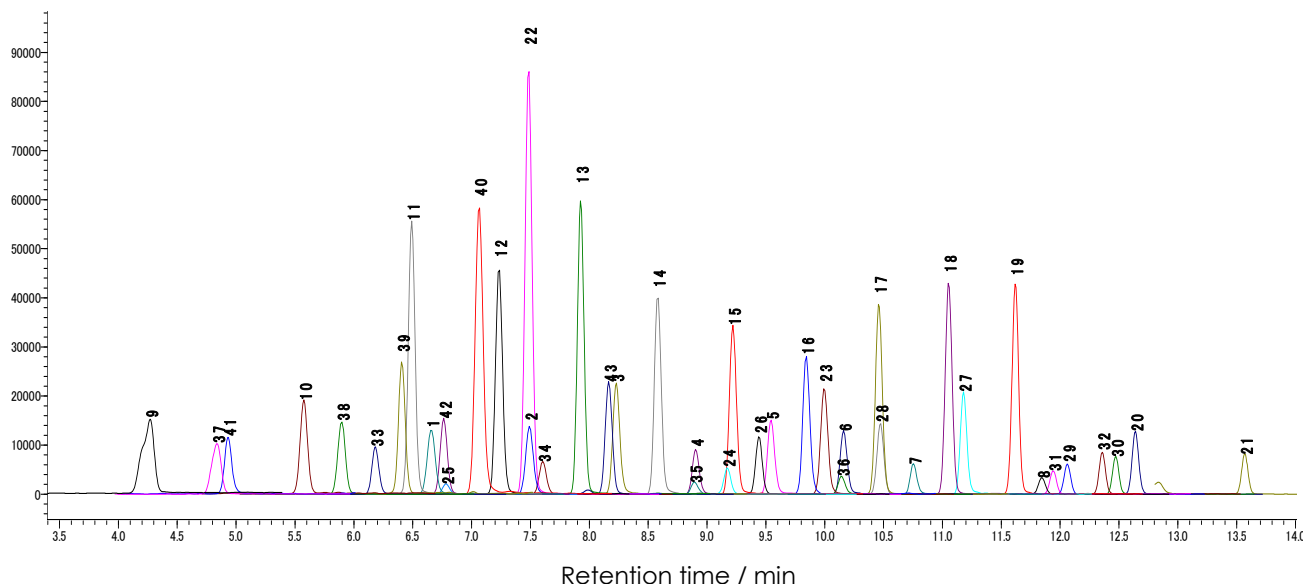


PFASのLC-MS/MS分析 (3)

SunBridge C18 3 μ m, 150 x 2.1 mm i.d.

PFAS (Per- and Polyfluoroalkyl Substances)



1 PFBS	12 PFHpA	23 9CI-PF3ONS	34 6:2FTS
2 PFPeS	13 PFOA	24 N-MeFOSAA	35 8:2FTS
3 PFHxS	14 PFNA	25 HFPO-DA	36 10:2FTS
4 PFHpS	15 PFDA	26 N-EtFOSAA	37 PFMPA
5 PFOS	16 PFUdA	27 11CI-PF3OUdS	38 PFMBA
6 PFNS	17 PFDoA	28 FOSA-I	39 NFDHA
7 PFDS	18 PFTrDA	29 N-MeFOSA	40 PFEESA
8 PFDoS	19 PFTeDA	30 N-EtFOSA	41 3:3FTCA
9 PFBA	20 PFHxDA	31 N-MeFOSE	42 5:3FTCA
10 PFPeA	21 PFODA	32 N-EtFOSE	43 7:3FTCA
11 PFHxA	22 DONA	33 4:2FTS	44 6:2FTS

Column: SunBridge C18 3 μ m, 150 x 2.1 mm
 Delay column: Delay column for PFAS 3 mm i.d. x 30 mm
 Mobile phase:
 [A] 10 mM Ammonium acetate
 [B] Acetonitrile

Gradient program: shown right

Temperature: 40 $^{\circ}$ C
 Flow rate: 0.3 mL/min
 Ionization: ESI negative
 Instrument: LCMS-8050(shimadzu)

Time (min)	B.Conc(%)
0	15
11	95
15	95

Sample: shown above
 (each 0.5 ng/mL*)
 * except for some compounds

Injection volume: 5 μ L
 Sample solution: Methanol

提供: ユーロフィン・プロダクト・テストング株式会社