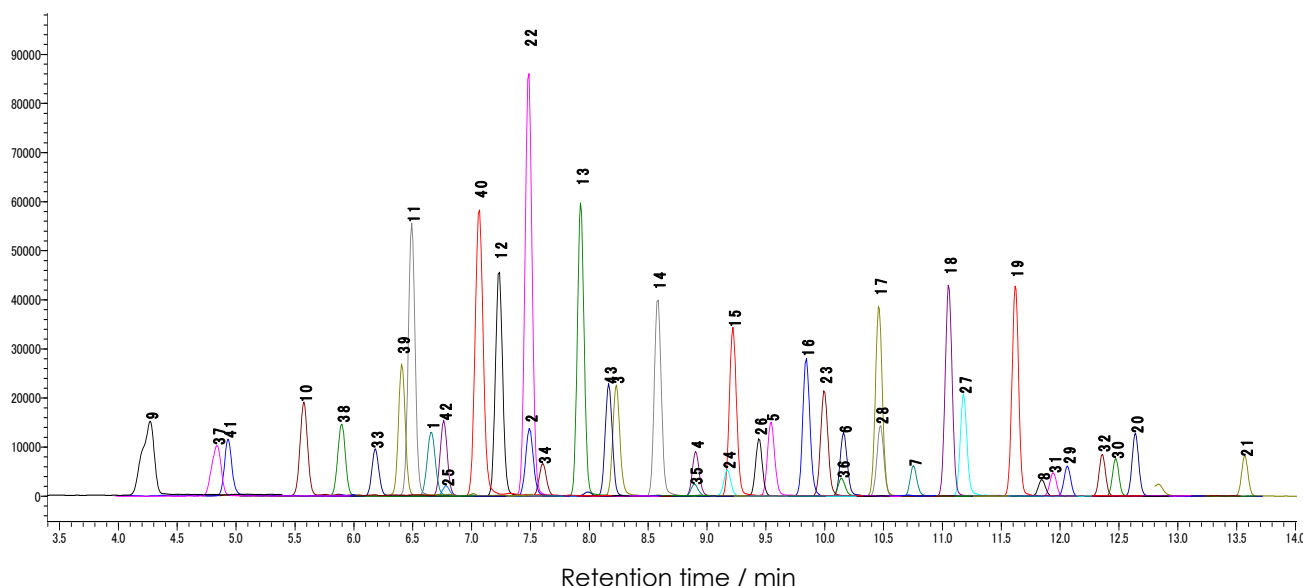


PFASのLC-MS/MS分析 (3)

SunBridge C18 3 μm, 150 x 2.1 mm i.d.

PFAS (Per- and Polyfluoroalkyl Substances)



1	PFBS	12	PFHpA	23	9Cl-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	11Cl-PF3OUdS	38	PFMBA
6	PFNS	17	PFDaA	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 μm, 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 °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: 2 μL
 Sample solution: 50% MeOH aq.

提供: ユーロフィン・プロダクト・テストング株式会社