

# HPLC Application

ID No.: 24665

## PFASs from Milk, Eggs, Butter, Cheese and fish using Luna<sup>®</sup> Omega 1.6 $\mu$ m PS C18 (0.5 ppb)

**Column:** Luna Omega 1.6u PS C18 100A, LC Column 100 x 2.1 mm, Ea

**Dimensions:** 100 x 2.1 mm ID

**Order No:** 00D-4752-AN

**Elution Type:** Gradient

**Eluent A:** 5 mM Ammonium Acetate/Water

**Eluent B:** Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 60    | 40    |
|                   | 2        | 0.5        | 60    | 40    |
|                   | 3        | 3          | 10    | 90    |
|                   | 4        | 3.1        | 0     | 100   |
|                   | 5        | 4          | 0     | 100   |

**Flow Rate:** 0.55 mL/min

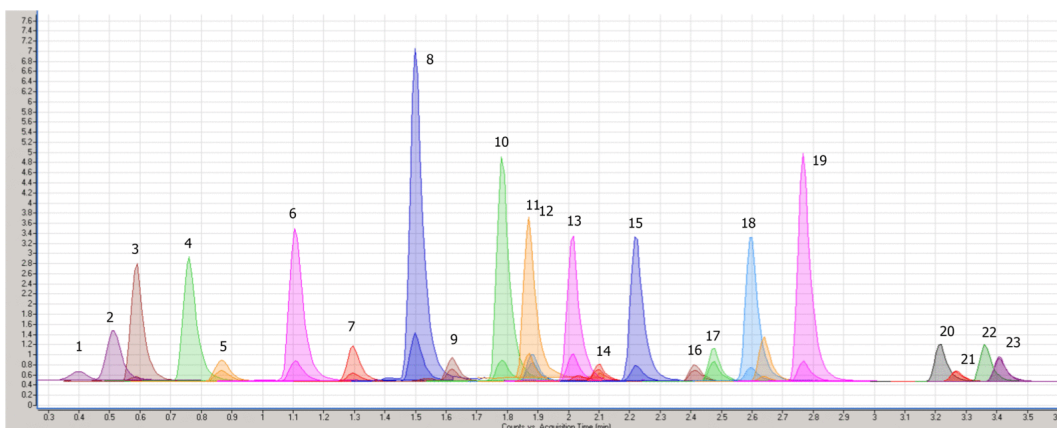
**Col. Temp.:** 40 °C

**Detection:** Tandem Mass Spec (MS-MS) @ (ambient)

**Detector Info:** Agilent 6460 QQQ



Products used in this application:



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### ANALYTES:

- 1** PFBA
- 2** PFPeA
- 3** PFBS
- 4** PFHxA
- 5** PFHpA
- 6** PFHxS
- 7** 6:2 FTS
- 8** PFOA
- 9** PFHpS
- 10** PFOS
- 11** PFNA
- 12** FOSA
- 13** Me-FOSE
- 14** 8:2FTS
- 15** Me-FOSA
- 16** PFDA
- 17** Et-FOSE
- 18** Et-FOSA
- 19** PFDS
- 20** PFUdA
- 21** PFDoA
- 22** PFTTrDA
- 23** PFTeDA

