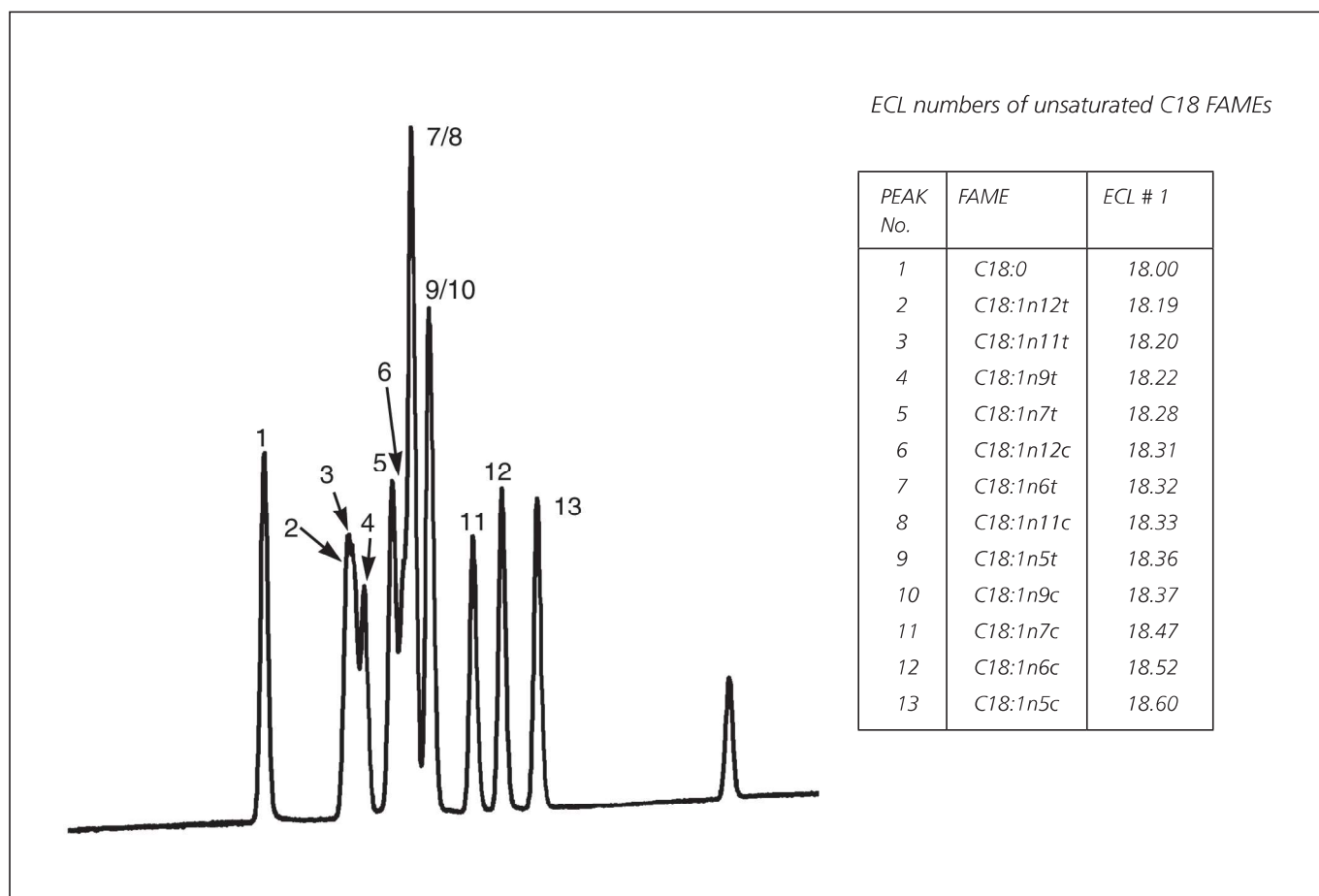


ANALYSIS OF C18:1 CIS/TRANS FAME ON BPX70

Column Part No.: 054624

Phase: BPX70, 0.25 µm
 Column: 120 m x 0.25 mm I.D.
 Initial Temp.: 130 °C
 Rate: 1 °C/min

Final Temp.: 220 °C
 Carrier Gas: He, 60 psi
 Detector: F.I.D., 280 °C
 Gas velocity: 20 cm/sec at 130 °C



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ANALYSIS OF MENHADEN OIL FAME ON BPX70

Column Part No.: 054623

Phase: BPX70, 0.25 μ m
 Column: 60 m x 0.25 mm I.D.
 Initial Temp.: 120 °C
 Rate: 3 °C/min

Final Temp.: 245 °C

Carrier Gas: He, 30 psi

Detector: F.I.D., 280 °C

Gas velocity:

25 cm/sec 120 °C

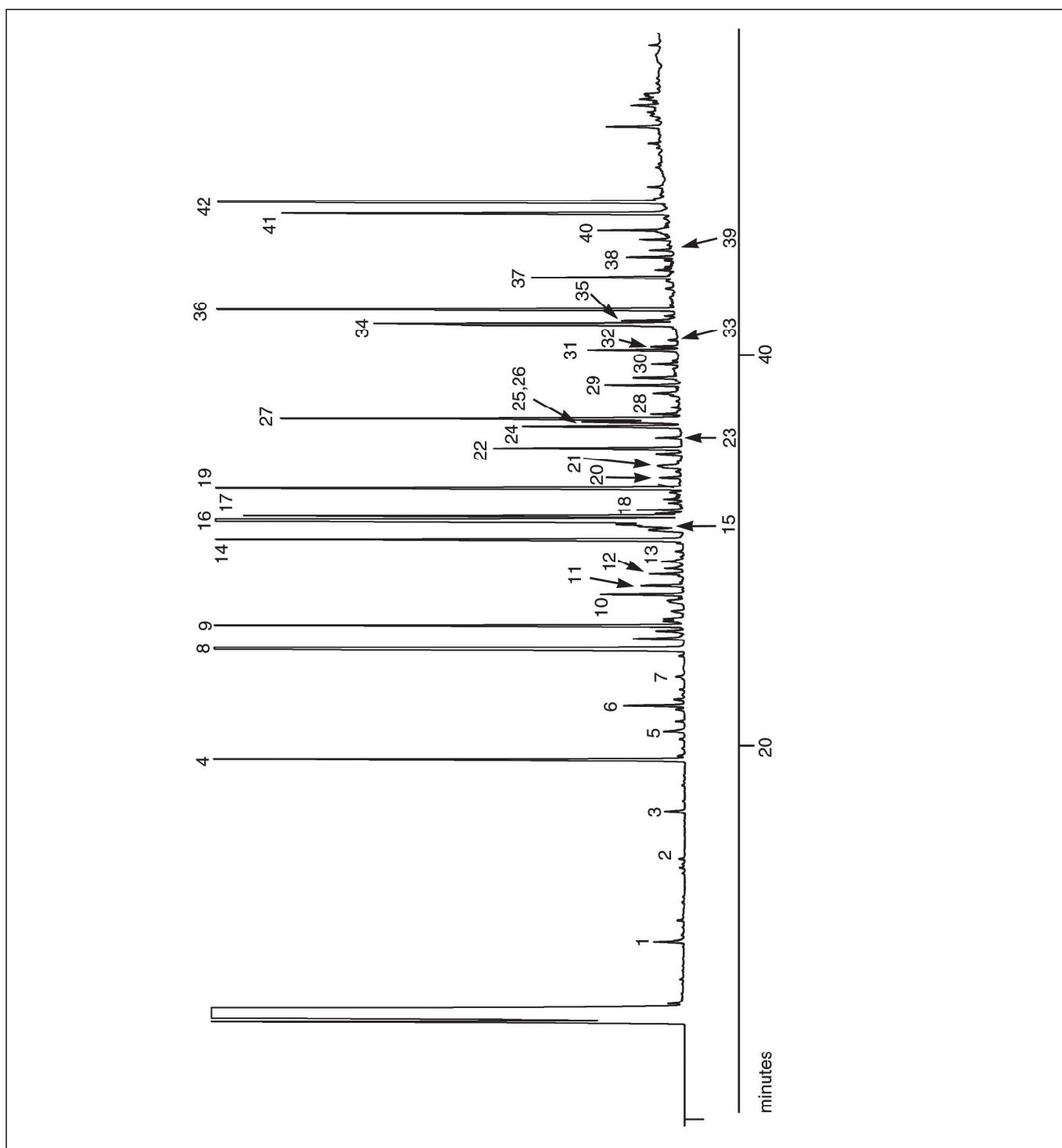
ECL numbers of unsaturated C18 FAMES

PEAK No.	FAME	ECL #1
1	C10:0	10.00
2	C12:0	12.00
3	C13:0	13.00
4	C14:0	14.00
5	C14:1	14.53
6	C15:0	15.00
7	C15:1	15.54
8	C16:0	16.00
9	C16:1	16.43
10	C17:0	17.00
11	C:16:2n4	17.18
12	C:17:1	17.44
13	C16:3n4	17.62
14	C18:0	18.00
15	C18:1n9t	18.21

PEAK No.	FAME	ECL #1
16	C18:1n9c	18.37
17	C18:1n7c	18.47
18	C18:2n6t	18.65
19	C18:2n6c	19.02
20	C18:3n6	19.45
21	C18:3n4	19.69
22	C18:3n3	19.78
23	C20:0	20.00
24	C18:4n4	20.33
25	C20:1n11	20.33
26	C20:1n13	20.33
27	C20:1n9	20.39
28	C18:4n1	20.49
29	C20:2	21.06
30	C20:3n6	21.49

PEAK No.	FAME	ECL #1
31	C20:3n3	21.79
32	C20:4n6	21.86
33	C22:0	22.00
34	C20:4n3	22.35
35	C22:1n9	22.42
36	C20:5n3	22.65
37	C21:5n3	23.66
38	C22:5n6	23.87
39	C24:0	24.00
40	C24:1n9	24.46
41	C22:5n3	24.87
42	C22:6n3	25.14

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ANALYSIS OF PUFA-1:FAME ON BPX70

Column Part No.: 054623

Phase: BPX70, 0.25 μ m
 Column: 60 m x 0.25 mm I.D.
 Initial Temp.: 120 $^{\circ}$ C
 Rate: 3 $^{\circ}$ C/min

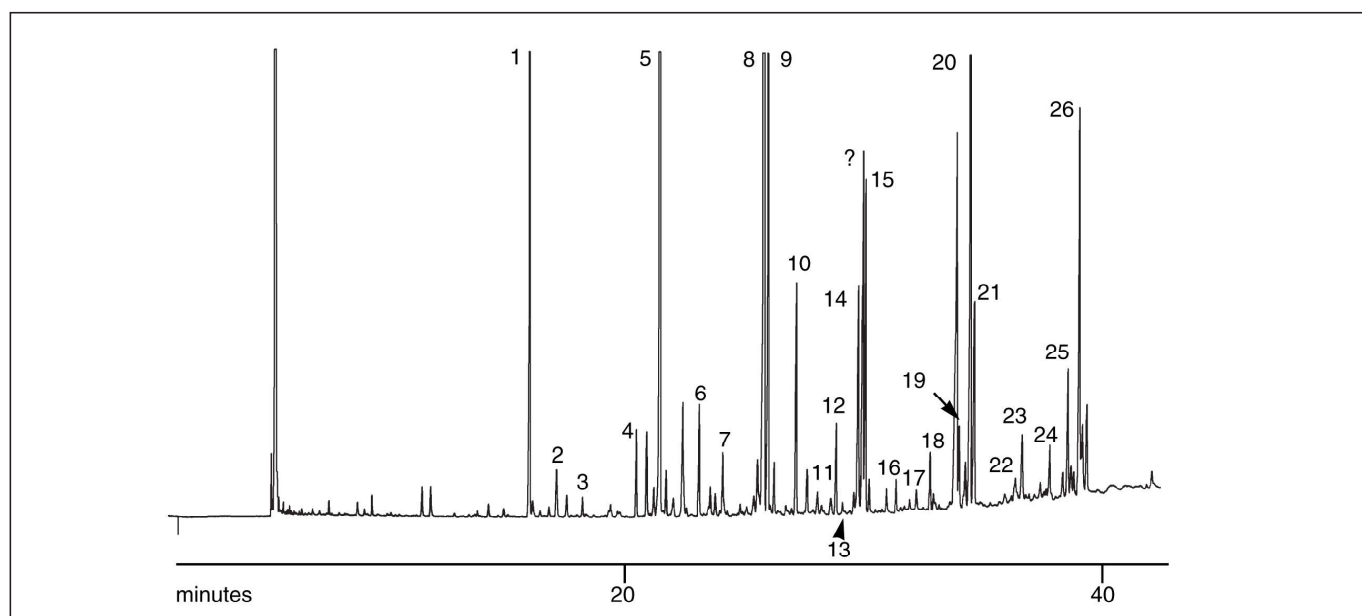
Final Temp.: 245 $^{\circ}$ C
 Carrier Gas: He, 30 psi
 Detector: F.I.D., 280 $^{\circ}$ C
 Gas velocity: 25 cm/sec 120 $^{\circ}$ C

ECL numbers of unsaturated C18 FAMES

PEAK No.	FAME	ECL #1
1	C14:0	14.00
2	C14:1	14.53
3	C15:0	15.00
4	C16:0	16.00
5	C16:1	16.43
6	C16:2n4	17.18
7	C16:3n4	17.62
8	C18:1n9c	18.37
9	C18:1n7c	18.47

PEAK No.	FAME	ECL #1
10	C18:2n6c	19.02
11	C18:3n6	19.45
12	C18:3n3	19.78
13	C18:4n3	20.00
14	C20:3	20.33
15	C20:1n9	20.39
16	C20:2	21.06
17	C20:3n6	21.49
18	C20:3n3	21.79

PEAK No.	FAME	ECL #1
19	C22:1n11	21.86
20	C22:1n9	22.42
21	C20:5n3	22.65
22	C21:5n3	23.66
23	C22:5n6	23.87
24	C24:1	24.46
25	C22:5n3	24.87
26	C22:6n3	25.14



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ANALYSIS OF PUFA - 2:FAME ON BPX70

Column Part No.: 054623

Phase: BPX70, 0.25 µm
 Column: 60 m x 0.25 mm I.D.
 Initial Temp.: 120 °C
 Rate: 3 °C/min

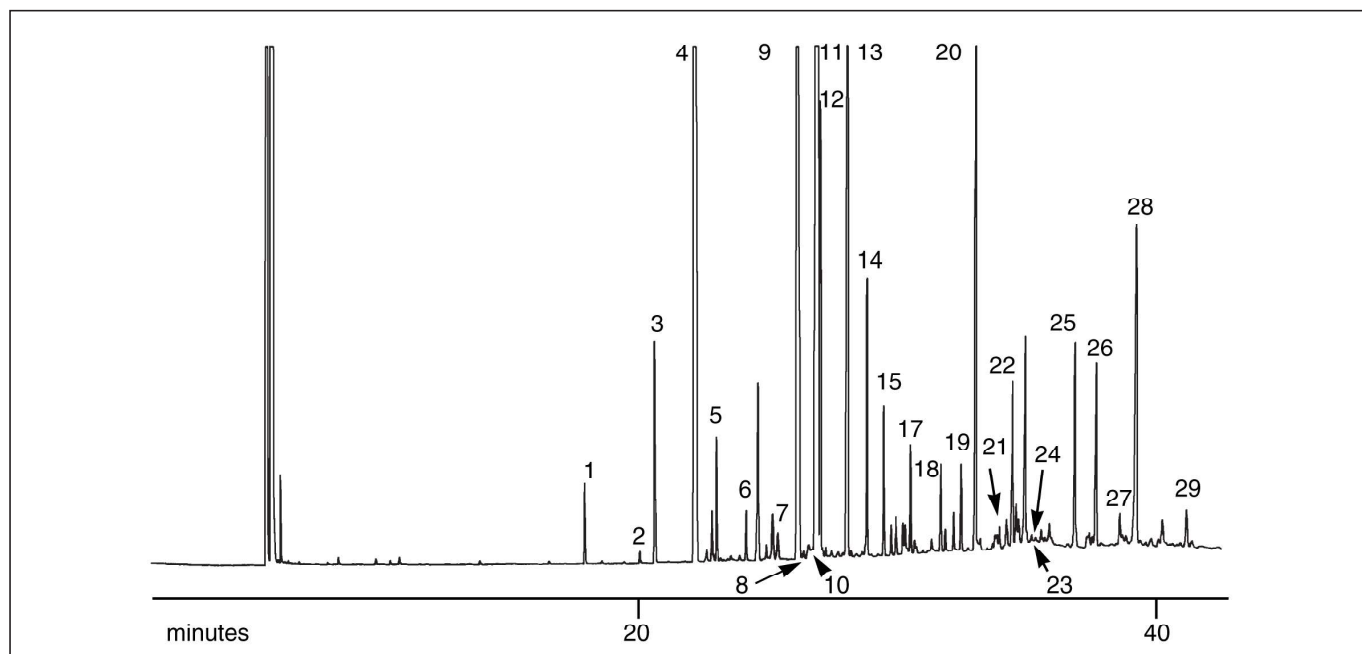
Final Temp.: 245 °C
 Carrier Gas: He, 30 psi
 Detector: F.I.D., 280 °C
 Gas velocity: 25 cm/sec 120 °C

Notes: ECL numbers of unsaturated C18 FAMES

PEAK No.	FAME	ECL #1
1	C14:0	14.00
2	C15:0	15.00
3	C15:1	15.54
4	C16:0	16.00
5	C16:1	16.43
6	C17:0	17.00
7	C16:3n4	17.62
8	C18:0	18.00
9	C18:1n9t	18.21
10	C18:1n7t	18.23

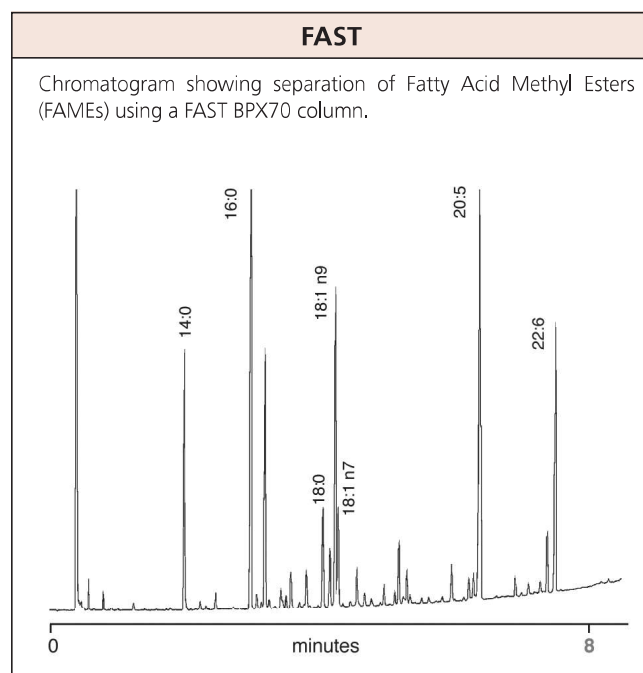
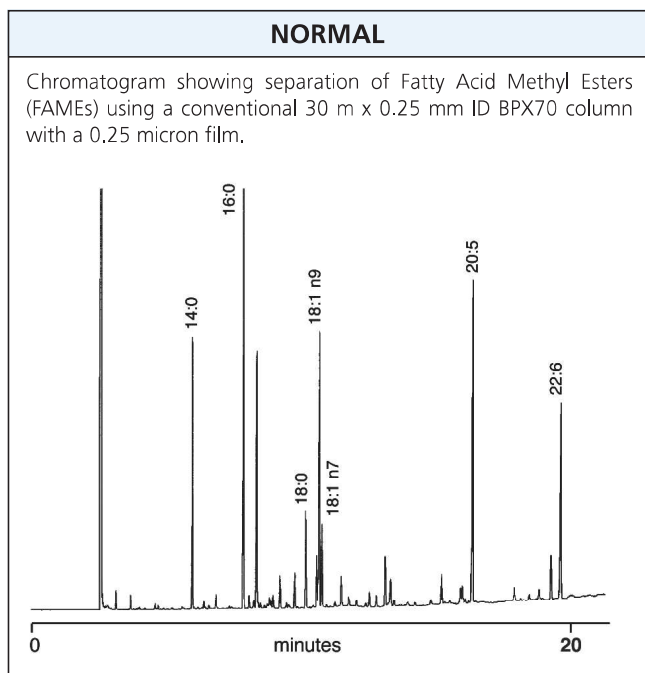
PEAK No.	FAME	ECL #1
11	C18:1n9c	18.37
12	C18:1n7c	18.47
13	C18:2n6c	19.02
14	C18:3n6	19.44
15	C18:3n3	19.78
16	C20:0	20.00
17	C20:1n9	20.39
18	C20:2	21.06
19	C20:3n6	21.49
20	C20:3n3	21.79

PEAK No.	FAME	ECL #1
21	C22:1n9	22.42
22	C20:5n3	22.65
23	C23:0	23.00
24	C22:2	23.12
25	C24:0	24.00
26	C24:1	24.46
27	C22:5n3	24.87
28	C22:6n3	24.14
29	C26:0	26.00



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FATTY ACID METHYL ESTER ANALYSIS (FAMES) – SALMON FISH OIL ON BPX70

**Column Part No.:**

Phase: BPX70 0.25 µm film
 Column: 30 m x 0.25 mm ID
 Initial Temp: 150 °C, 1 min
 Rate 1: 10 °C/min to 170 °C
 Rate 2: 4 °C/min to 240 °C
 Final Temp: 240 °C, 0 min
 Detector Type: FID, 280 °C
 Carrier Gas: He, 40.1 psi
 Carrier Gas Flow: 1.27 mL/min
 Constant Flow: On
 Average Linear Velocity: 30 cm/sec at 150 °C
 Injection Mode: Split, 47.3:1
 Purge On Time: N/A
 Purge On (Split) Vent Flow: 60 mL/min
 Injection Volume: 1 µL
 Injection Temperature: 240 °C
 Autosampler: Yes
 Liner Type: 4 mm ID FocusLiner™ with single taper

Liner Part Number: 092003

Column Part Number:

Phase: BPX70, 0.20 µm film
 Column: 10 m x 0.10 mm ID
 Initial Temp.: 150 °C, 1 min
 Rate 1: 12 °C/min to 240 °C
 Rate 2: N/A
 Final Temp: 240 °C, 0 min
 Detector Type: FID, 280 °C
 Carrier Gas: He, 45.8 psi
 Carrier Gas Flow: 0.335 mL/min
 Constant Flow: On
 Average Linear Velocity: 35 cm/sec at 150 °C
 Injection Mode: Split, 89.6:1
 Purge On Time: N/A
 Purge On (Split) Vent Flow: 30 mL/min
 Injection Volume: 0.1 µL
 Injection Temperature: 240 °C
 Autosampler: Yes
 Liner Type: 2.3 mm ID FocusLiner™

Liner Part Number: 092005

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