MCS-1826

o	p
13.6254	14.6209
12.0165	13.6254
1.0069	0.9955
50.28%	49.72%

2.0024

10g. – hex → 100 ml.

5 ml. – 0.5g. – 0.5 µg (1 ppm)

Al_2O_3 col. –

125 ml. hexane –

$\frac{0.5\,\mu g \times 5\,\mu l}{2.0\,ml.}$ = 1.25 ng

66.7823
66.5429
0.1394 g/100 ml.

MCS-1558 – 2, 10, 25

MCS 1558	MCS 1560
52.0239	53.1368
51.9204	53.0287
0.1035 g/100 ml.	0.1081

MCS-1560 – 2, 10, 25

MCS-1826 – 2, 10, 25

Cl_3 50 ng/µl

Cl_2 5405 / 20 / 1.0810

1,03500 / 100000

51.75 / 20 / 103500

5% deact. Al_2O_3 columns. –

40 ml. – Al_2O_3

Hexane

① 5 ml. rat fat conc.
② " + 1 µg – ~20 µl – dil. MCS-1558
③ " + 1 µg – 20 µl – dil – MCS-1560
④ " + 1 µg – 20 µl – dil – MCS-1826
⑤ + 5 µg – 100 µl 1558
⑥ " 1560
⑦ " 1826

DSW 297708

STLCOPCB4067619

0.1035 g/100 ml. — 1.035 mg/ml.

5/100 dil. — 51.75 µg/ml.

1/10 – 5.175 µg/ml. 20 µl = $\frac{1.035}{0.5}$ µg. = 2.07 ppm.

5/100 .05175 µg/µl.

141% recov.

MCS-1560

$\frac{1.081}{.5}$ added. 2.16 ppm added

82.4% rec.

MCS-1826

69.7 µg/ml

×20 µl

1.394 µg. = 2.788 ppm.

0.5

$\frac{41346}{37556}$ = 110.1% Rec

2.79 ppm

FID.

DSW 297709