

SUBJECT

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JOB NO.

309.10011

PREPARED BY (SIGNATURE)

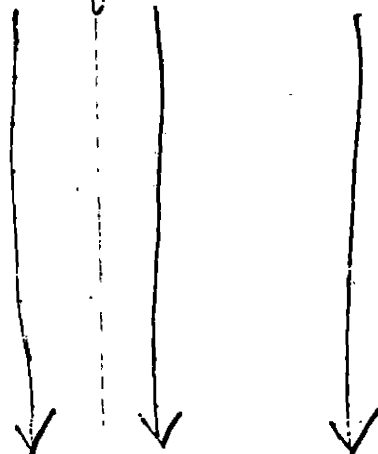
Gary Thomas

DATE

17 OCT 84

Prep of analytical standards:

1ml of .96 $\mu\text{g}/\text{ml}$ $^{12}\text{C}/.40$ ^{37}Cl and 1ml ~~50~~ 50.07 $\mu\text{g}/\text{ml}$ ^{12}C = 25.04 $^{12}\text{C}/.48$ $^{37}\text{Cl}/.20$ ^{37}Cl



1ml 5.007 = 2.504 $^{12}\text{C}/.48$ $^{37}\text{Cl}/.20$ ^{37}Cl

1ml 25.007 = 0.2504 $^{12}\text{C}/.48$ $^{37}\text{Cl}/.20$ ^{37}Cl

1ml 20.03 = 10.02 $^{12}\text{C}/.48$ $^{37}\text{Cl}/.20$ ^{37}Cl

1ml 2.003 = 1.002 $^{12}\text{C}/.48$ $^{37}\text{Cl}/.20$ ^{37}Cl

1ml 0.2003 = 0.1002 $^{12}\text{C}/.48$ $^{37}\text{Cl}/.20$ ^{37}Cl

5ml of 0.96 $\mu\text{g}/\text{ml}$ $^{12}\text{C}/.40$ ^{37}Cl and 1ml of 0.2003 $\mu\text{g}/\text{ml}$ ^{12}C -TCD
diluted to 10ml with hexane final conc = 0.0100 $^{12}\text{C}/.48$ $^{37}\text{Cl}/.20$ ^{37}Cl

Prepared samples to check results - final vol = 50 μl

Sample #

101601 0.0100 $^{12}\text{C}/.48$ $^{37}\text{Cl}/.20$ ^{37}Cl

2 0.1002

3 0.2504

4 1.002

5 2.504

6 10.02

7 25.04

8 100 μl 0.24 $\mu\text{g}/\text{ml}$ $^{12}\text{C}/.10$ ^{37}Cl

9

10



+ 10 μl ^{12}C 0.24 $\mu\text{g}/\text{ml}$

+ 100 μl ^{12}C 0.24 $\mu\text{g}/\text{ml}$

00001

CONFIDENTIAL

SUBJECT TO PROTECTIVE ORDER

READ AND UNDERSTOOD BY

C11129

DATE