	Lab 8	61			
¥	Gas Chromatography photography (1)/5/2019 (1)/5/2019				
F	Objective	1 1 100			
	The ourpose of this experiment is to determine the composition				
	of hydrocarbon mixtures unknown prepared by the TA	by using			
	gas chromatography wethod.				
	Introduction				
	4 standard compounds : heptone, cyclohexane, toluene	, & p-xylere,			
- 51	are used in this gas chromatography method. The retention time				
	(time required to pass through a column in the chroma	tography)			
	for each compound is determined, in order to qualify	& quantity			
	the given unknown. The composition of the unknowns	is defending			
	before annihing each comment in the unknown by companing				
	the refention time obtained from the unknown with the	standard			
	compounds' values.	2 200			
	Vertical Lieu patro francis and have a series of the serie	67			
	Procedures - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
(A	GC Operation & Injection Procedure				
0	Take notes the proper technique for injecting samples with				
	the microliter syninge, and the proper procedure to set u	p the			
	data logger.				
2)	Make notes of the values on the knobs of the machine	. Do not			
	Change the knobs.	er Al			
	and the second of the second o	or &			
B)	Defermination of Retention Times, tr.	and the			
3)	Investigate known compounds. Small samples of the 4 pure				
	hydrocarbons will be provided in separate sealed vi	als.			
4)	Separately inject ~ 1.000 of the pure hydrocar	ons a			
CS	Separately inject ~ 1.0212 of the pure hydrocard obtain 4 chromatograms from which the tr of ear can be measured.	ch ca			
	can be measured.	subarent.			

	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	8 ADT
6.0	Lab 8	Gers Chromotogia puy
64	Gas Chromotography	Card 2010
	11/5/2019	
I want to	m was and . 2000,92 ni 292	ordina of some
An eg on	- Unknown 2 weed	Her Ongen the west frost of
· (byic		p binb to winaixon
1	Chown Mixture	
12043 9	+ H → 0.2049 games 1	,
	C -> 0.02125 gm, 198	POI 100 % 10010111
	→ 0.1830 g	
21 Plan	N CONTROLL IN WALLS . CHENOTING CO.	
_ bnood	on contract the contract of th	7) Kultrahve CHOLYSIS OF C
· 2011-	oction to the chickens and	
JOH'S LADIN	res & flourate trave not che	the land. In the land
1 1	1 10 2017110 717 - 2 - 1	and the second s
e.pl/cate	when they or my the strudgeds. I	CONTRACTOR OF HER
	the dold.	DAP 64 - PERGEON - 17 MILLS
17.944 por	ast leading to a lice	(cuentifying the component
Voh		
PAire	LOUIS IN THE PARTY TO THE PARTY	Clares - 11
c . Uptain	equat mixture of HI () crows out of each compared of the foreach compared of the frompo	Min Janus strangen of
done	73 11 11	900
-100	is all among the character the ci	011 040301000 100
	THE GOLD OF HE ACCOMPTS	DOLL WILLIAM 10 C
	- Nobbol	Merchand Mixibile
		7 79010191
CS Sca	anned with	
C3 da	mScanner	

		Lab 8	1
		Gas Channel	65
		Gas Chromatography	
	-	1/5/3019	
	6.	Quantitative Analysis of Unknown Mixture. Make at 1	ROST
		3 te dicates 1.0 ML-injections of unknown Record	the
		data on both chart recorder & data logger.	
	-		
	+		
	_	<u> </u>	
			1
	1		
	+		
	+		
	-		
			119
		·	
	1		
	+		
	+		
	-		11/19/2011
	_		
			13
	1		
	-		
	-		
_	-		
66	50	canned with	
CS	C	amSganner	
The same of the sa			