

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 9/5/2017 SEQUENCE NAME 5Sept17

### EQUIPMENT

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

### INSTRUMENT CALIBRATION

Vial 1	0.02 calibrator	Lot	<u>FN03241604</u>	Coefficient of determination (r <sup>2</sup> )	
Vial 2	0.10 calibrator	Lot	<u>FN06181501</u>		<u>1.00000</u>
Vial 3	0.20 calibrator	Lot	<u>FN07201502</u>		
Vial 4	0.40 calibrator	Lot	<u>FN11191402</u>		

### CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 062217
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 020917WLA
7	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 08012015-C
8	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 09022015-A
9	Blood control	0.200 g/dL	0.199 g/dL	ACQ 407041529/3
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.153 g/dL	Lipomed 09022015-C
42	Blood control	0.200 g/dL	0.200 g/dL	ACQ 407041529/3
53	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
64	Aqueous control	0.150 g/dL	0.152 g/dL	Lipomed 09022015-C
75	Blood control	0.200 g/dL	0.201 g/dL	ACQ 407041529/3
78	Aqueous control	0.400 g/dL	0.409 g/dL	Lipomed 08012015-C
79	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
80	Blood control	0.200 g/dL	0.199 g/dL	ACQ 407041529/3
81	Blank	Not detected	Not detected	SPD lab 062217

### SUBJECT SAMPLES

Subjects in the sequence 31 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid  WA B1570 9/6/17  
 Run invalid

Analyst

Run valid  KOSECKI 9/6/17  
 Run invalid

Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 5Sept17

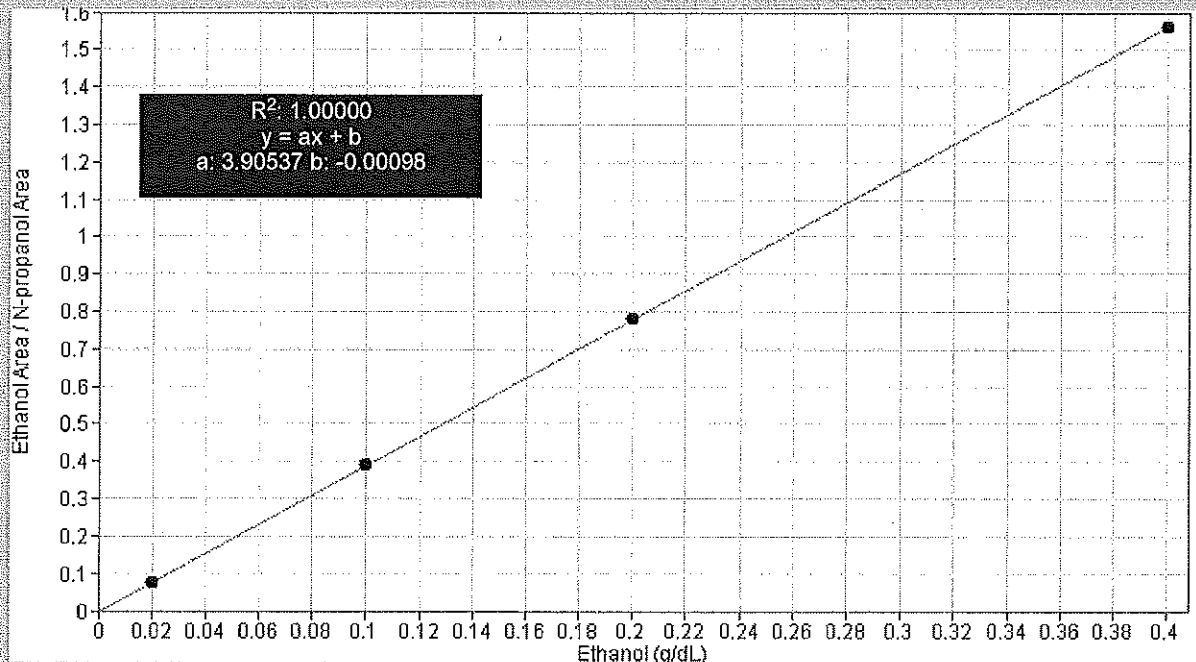
ANALYST: Adrian

WA

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 062217	5	negative	negative	-	-
0.400 Lipomed 08012015-C	7	0.400	0.400	0.00	0.000
0.040 Lipomed 09022015-A	8	0.039	0.040	2.50	-0.001
0.20 ACQ 407041529/3	9	0.199	0.200	0.50	-0.001
0.080 Lipomed 28082014-B	20	0.080	0.080	0.00	0.000
0.150 Lipomed 09022015-C	31	0.153	0.150	2.00	0.003
0.20 ACQ 407041529/3	42	0.200	0.200	0.00	0.000
0.080 Lipomed 28082014-B	53	0.081	0.080	1.25	0.001
0.150 Lipomed 09022015-C	64	0.152	0.150	1.33	0.002
0.20 ACQ 407041529/3	75	0.201	0.200	0.50	0.001
0.40 Lipomed 08012015-C	78	0.409	0.400	2.25	0.009
0.04 Lipomed 09022015-A	79	0.040	0.040	0.00	0.000
0.20 ACQ 407041529/3	80	0.199	0.200	0.50	-0.001
blank 062217	81	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.390	162.037	0.077
0.100	64.122	164.437	0.390
0.200	126.208	161.648	0.781
0.400	264.359	169.378	1.561

Calibration Line





# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.020 Cerilliant FN03241604	Item number:
Injection date: 9/5/2017 1:37:22 PM	Vial: 1
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Sept17\1.D	

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WA

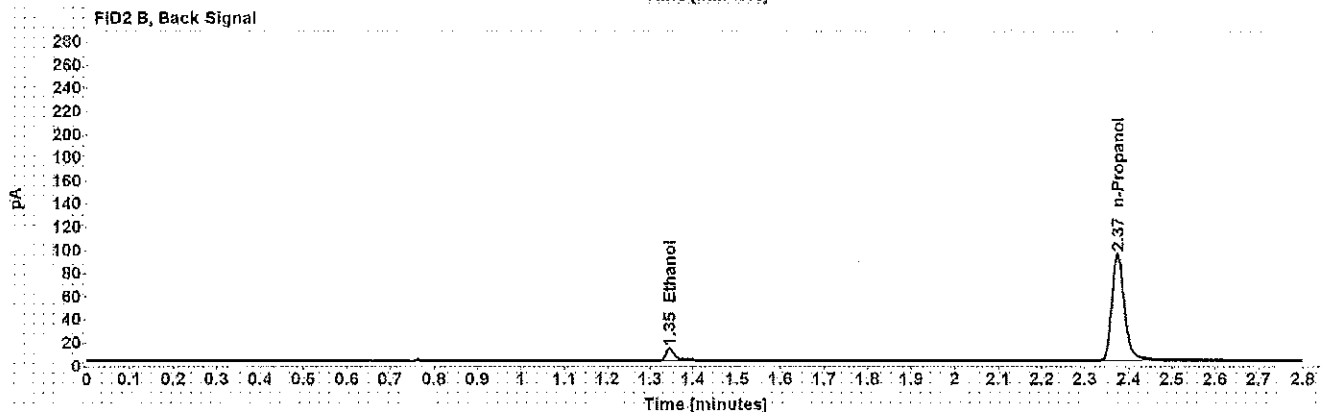
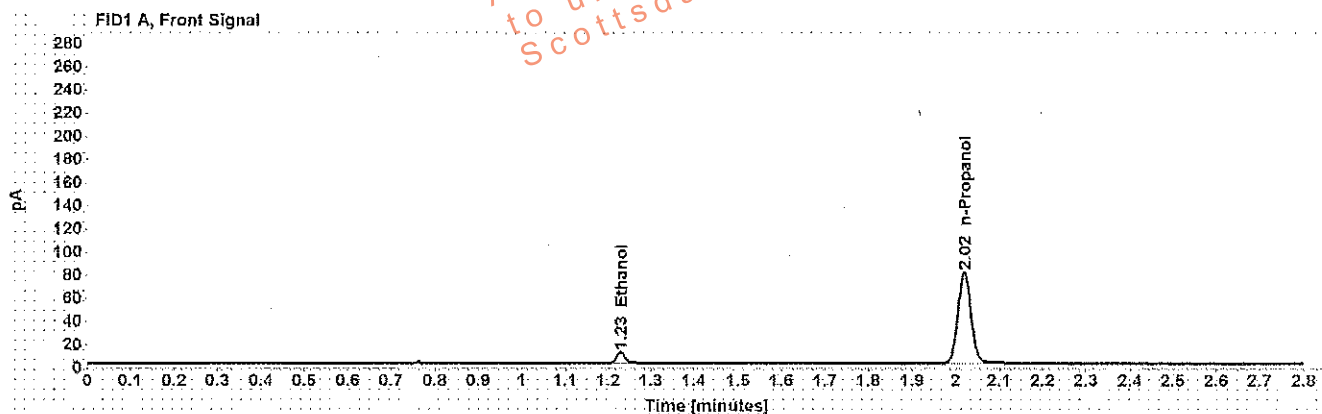


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.229	12.390
n-Propanol	2.020	162.037

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.346	13.711
n-Propanol	2.374	185.124

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.100 Cerilliant FN06181501	Item number:
Injection date: 9/5/2017 1:41:24 PM	Vial: 2
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\5Sept17\2.D	

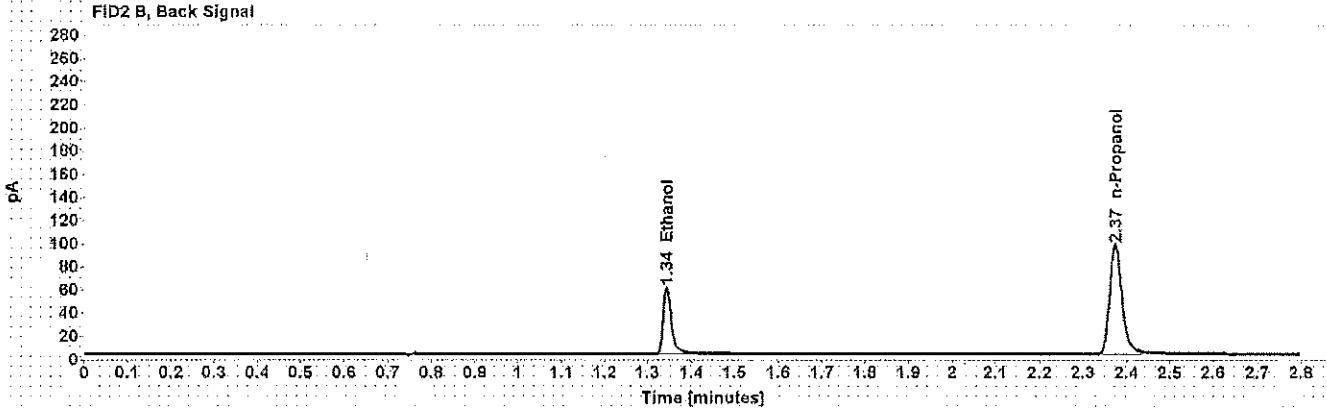
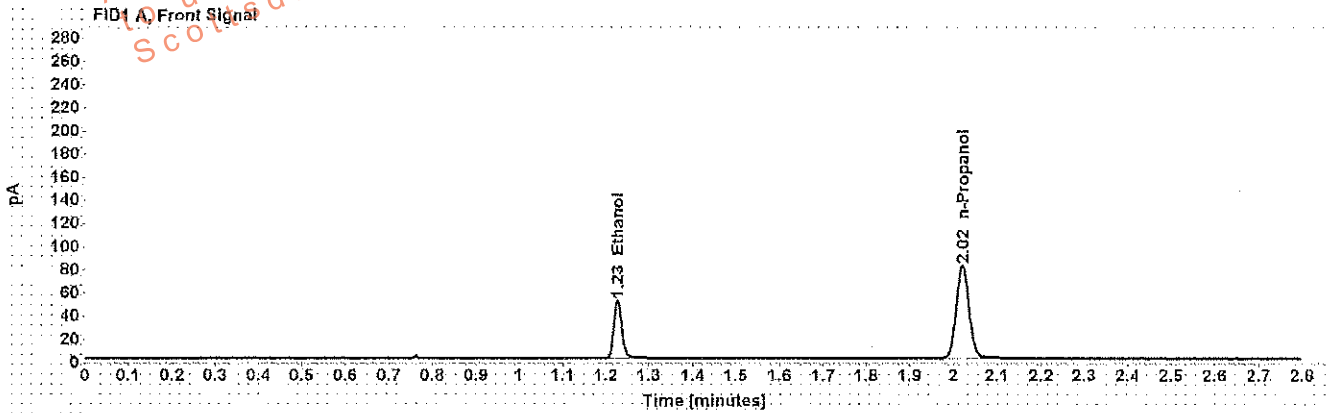


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.228	64.122
n-Propanol	2.020	164.437

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.344	75.796
n-Propanol	2.375	189.607

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.200 Cerilliant FN07201502	Item number:
Injection date: 9/5/2017 1:45:22 PM	Vial: 3
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Sept17\3.D	

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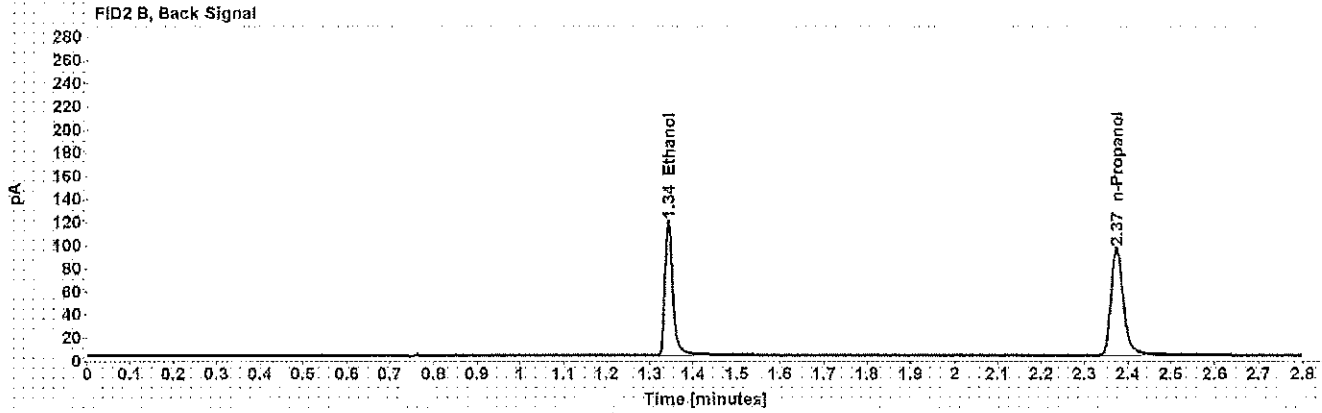
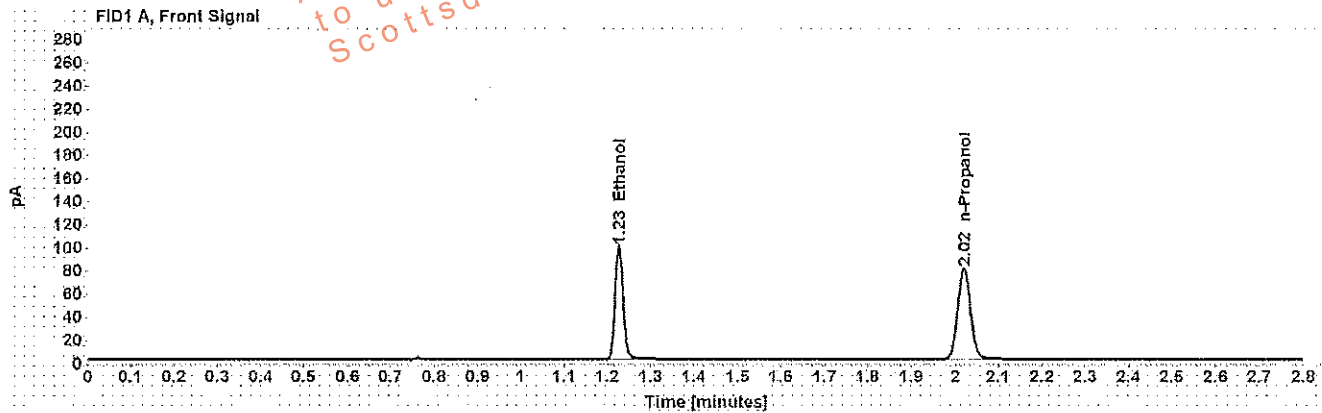


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.227	126.208
n-Propanol	2.020	161.648

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.343	149.213
n-Propanol	2.374	186.939

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.400 Cerilliant FN11191402	Item number:
Injection date: 9/5/2017 1:49:22 PM	Vial: 4
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Sept17\4.D	

LA

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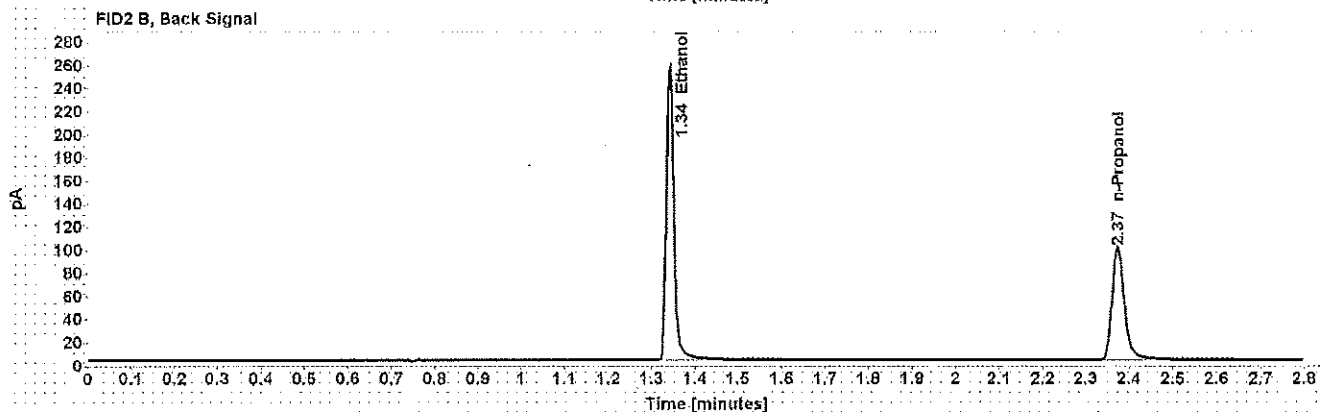
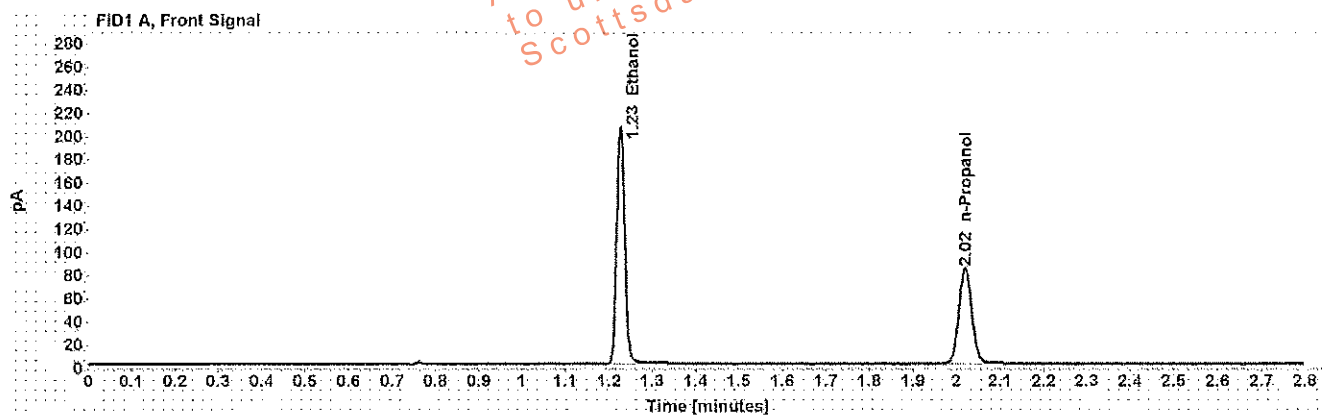


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.226	264.359
n-Propanol	2.020	169.378

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.341	314.065
n-Propanol	2.374	196.082



# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: blank 062217	Item number:
Injection date: 9/5/2017 1:53:22 PM	Vial: 5
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Sept17\5.D	

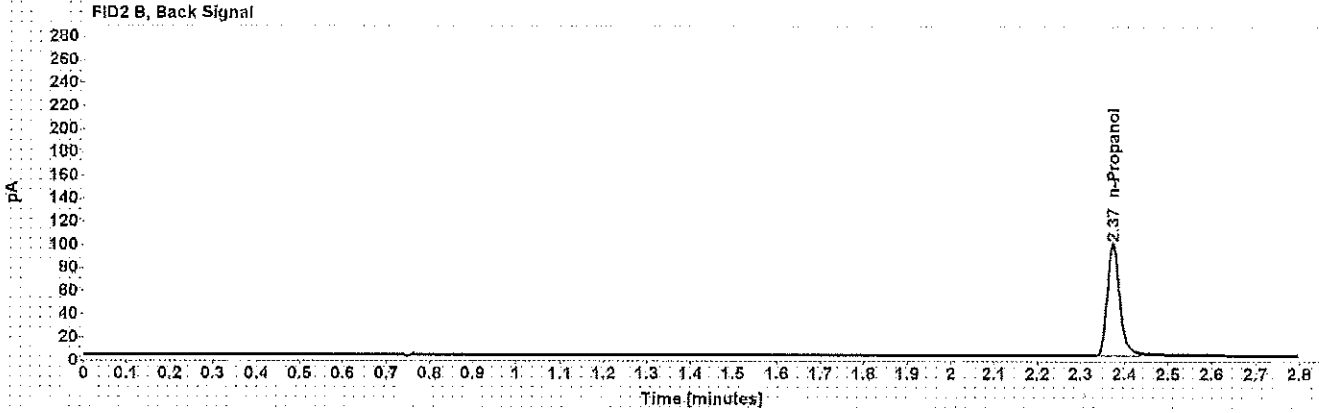
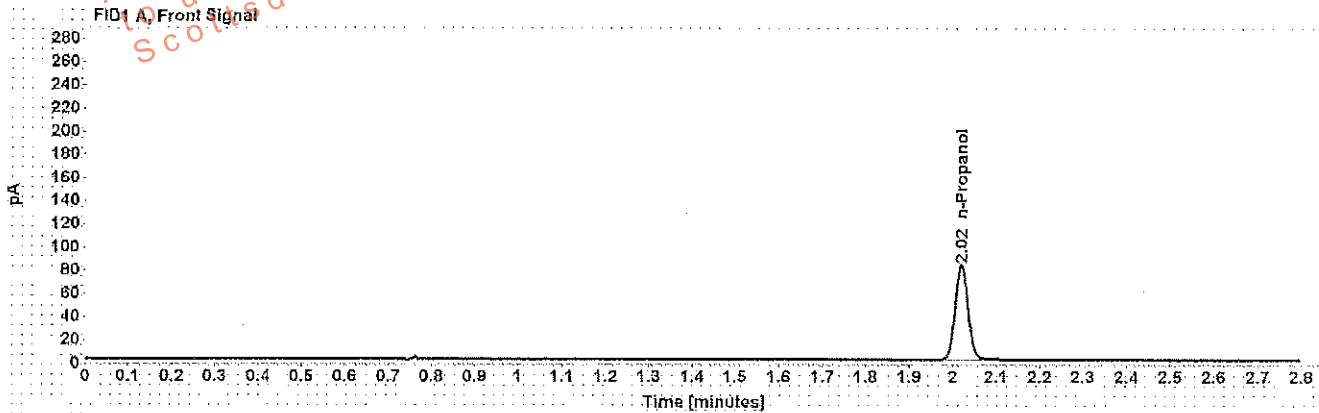


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.019	168.490

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.374	195.050

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> volatiles mix 020917 WLA	<b>Item number:</b>
<b>Injection date:</b> 9/5/2017 1:57:23 PM	<b>Vial:</b> 6
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Sept17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem3211\Data\5Sept17\6.D	

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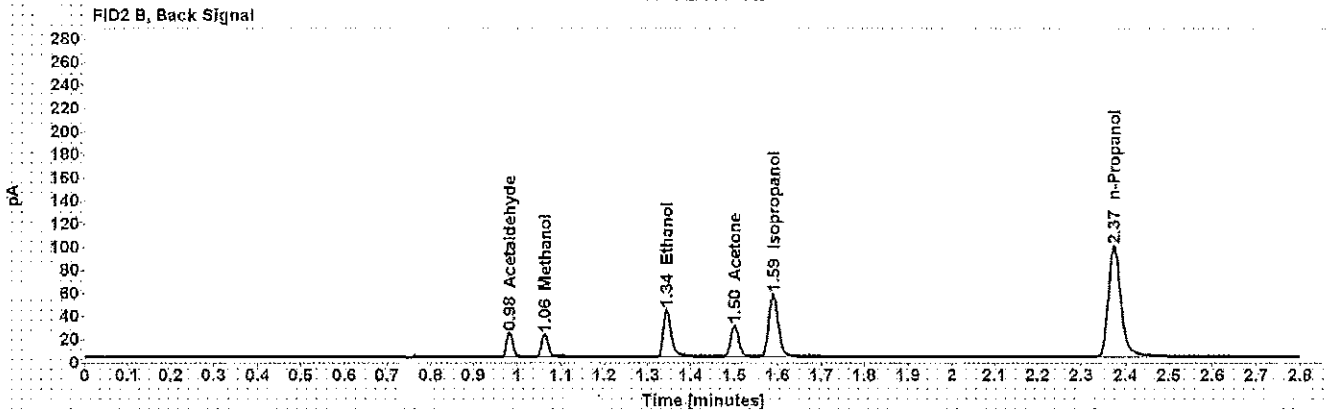
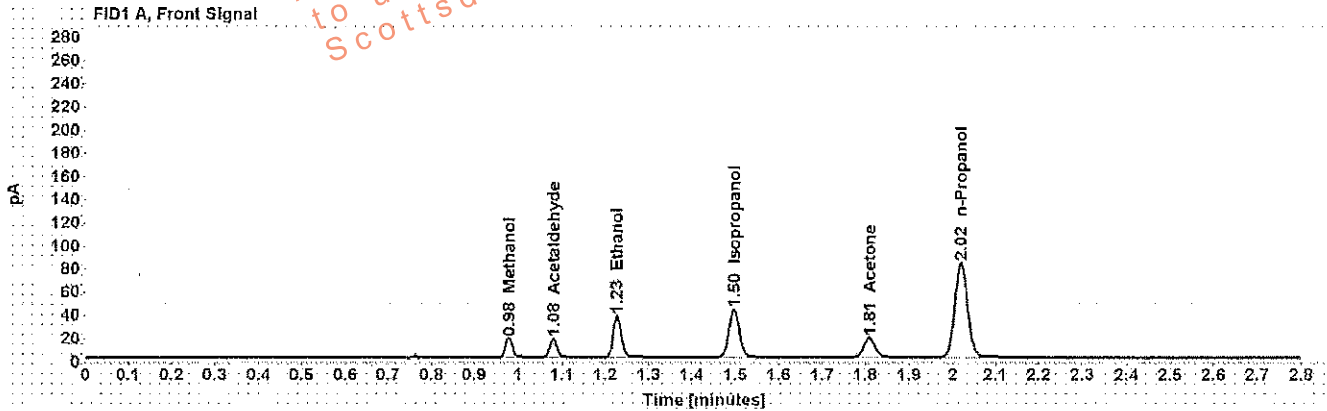


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.979	18.621
Acetaldehyde	-----	1.080	17.440
>Ethanol	0.0709	1.227	46.327
Isopropanol	-----	1.497	67.798
Acetone	-----	1.809	30.038
n-Propanol	-----	2.020	167.944

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.982	20.884
Methanol	1.063	21.266
Ethanol	1.344	54.055
Acetone	1.500	35.154
Isopropanol	1.589	80.809
n-Propanol	2.374	193.670

# Scottsdale Police Department Crime Lab Volatiles Analysis

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WAA

Sample: 0.400 Lipomed 08012015-C	Item number:
Injection date: 9/5/2017 2:01:38 PM	Vial: 7
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1\Data\5Sept17\7.D	

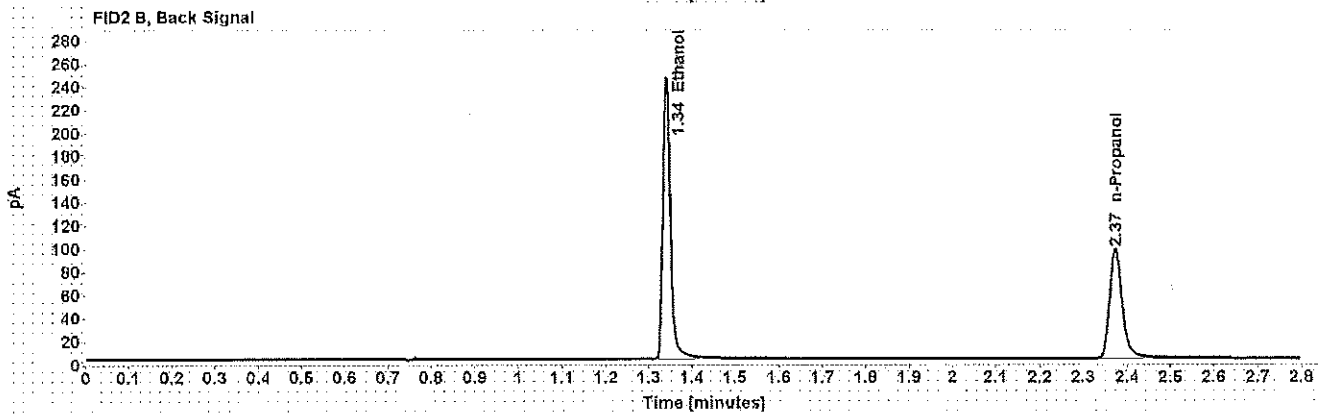
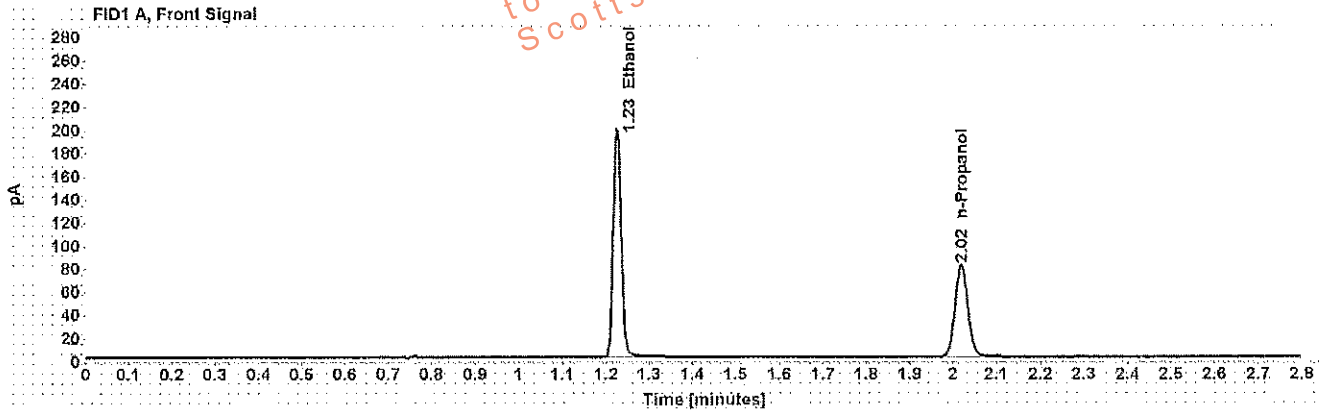


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4003	1.226	253.901
n-Propanol	-----	2.019	162.502

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.341	301.361
n-Propanol	2.373	190.899

## Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.040 Lipomed 09022015-A	Item number:
Injection date: 9/5/2017 2:05:37 PM	Vial: 8
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\1\Data\5Sept17\8.D	

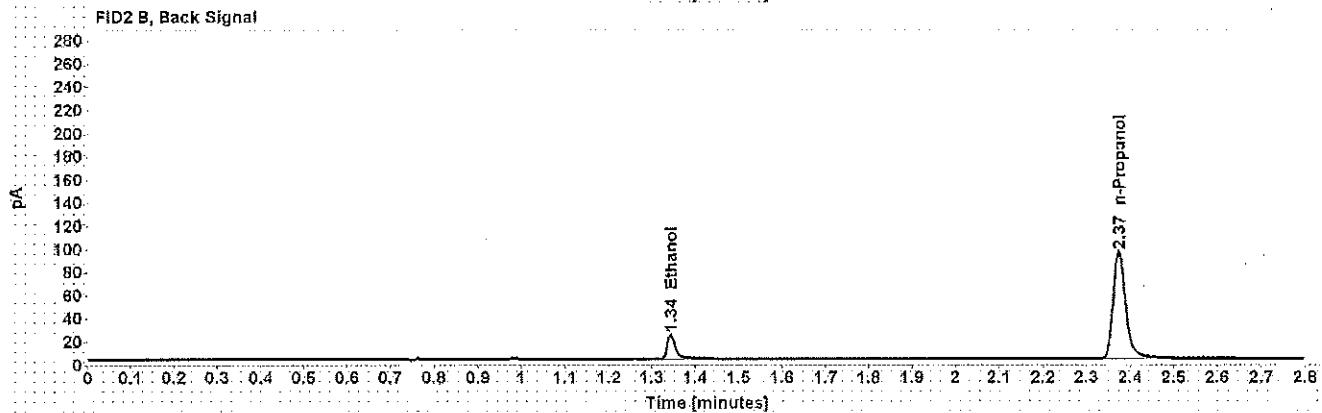
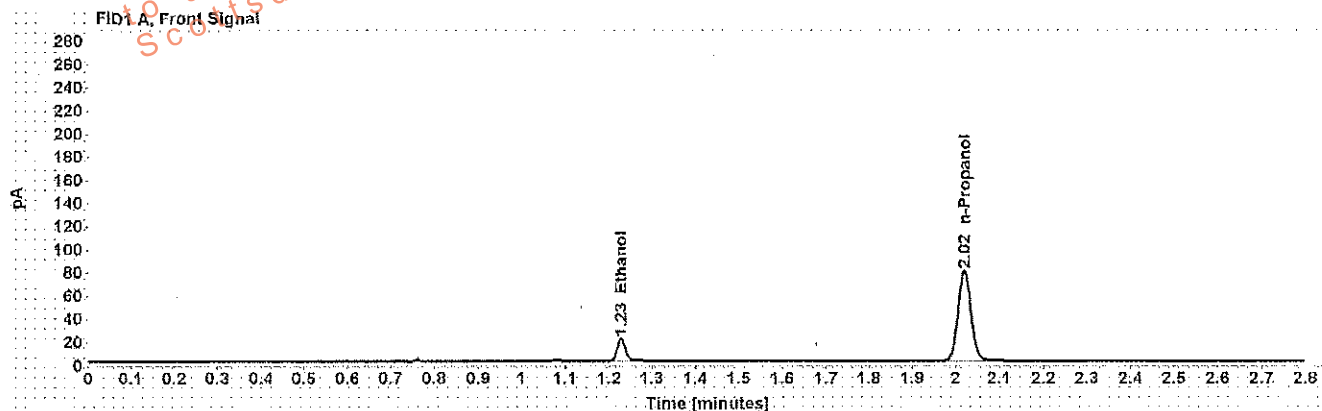


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0395	1.228	24.601
n-Propanol	-----	2.020	160.479

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.344	27.736
n-Propanol	2.374	187.812



# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.20 ACQ 407041529/3	Item number:
Injection date: 9/5/2017 2:09:39 PM	Vial: 9
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Sept17\9.D	

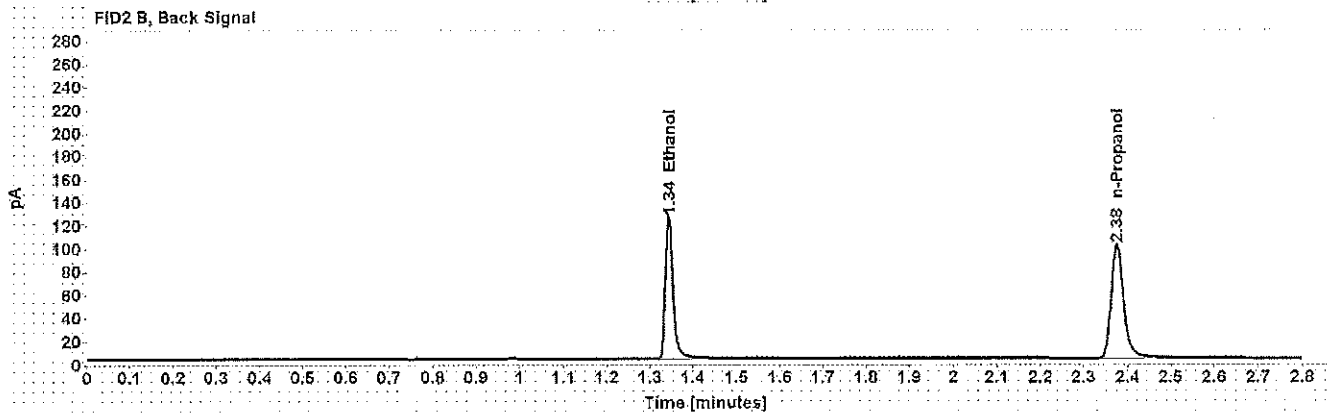
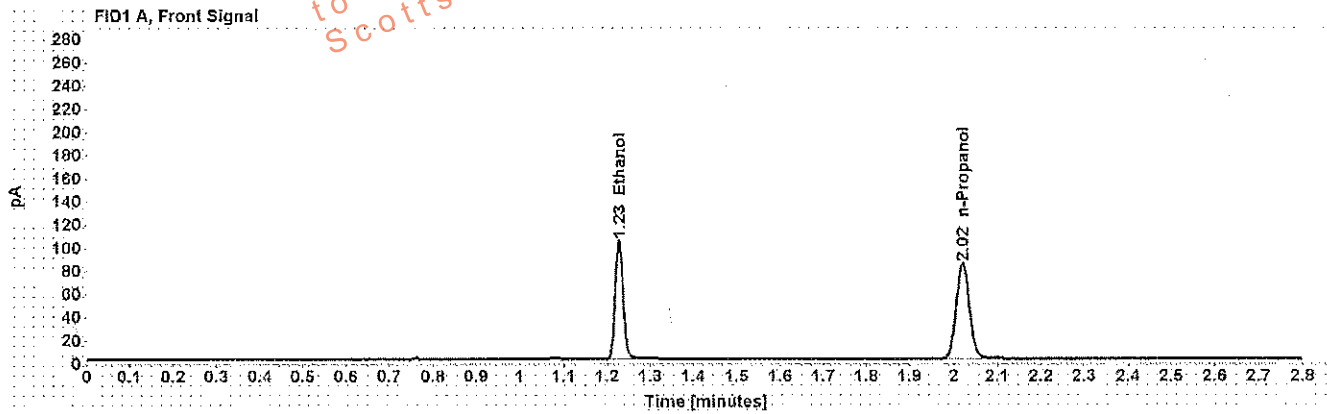


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1999	1.228	132.338
n-Propanol	-----	2.021	169.747

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.344	155.984
n-Propanol	2.375	198.079

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 9/5/2017 2:54:08 PM	Vial: 20
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Sept17\20.D	

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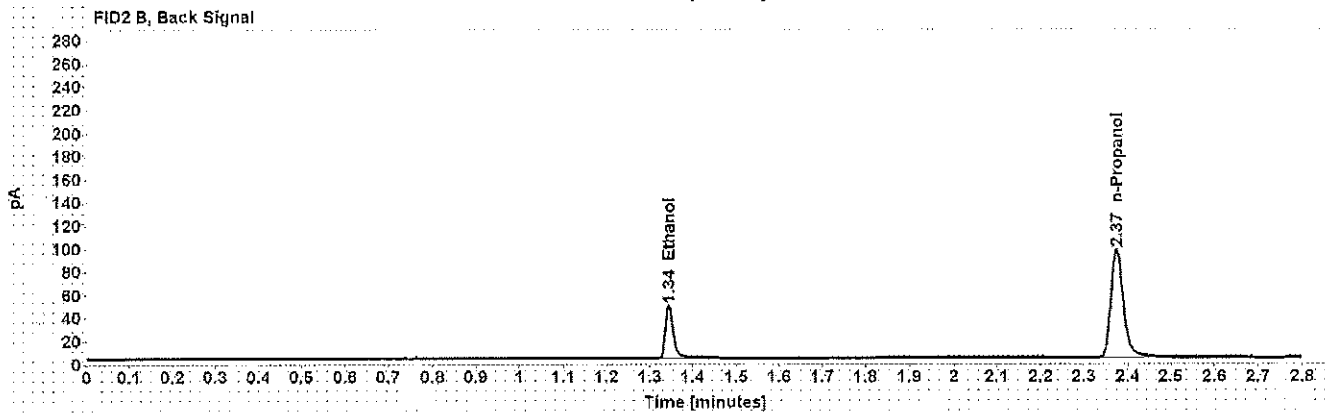
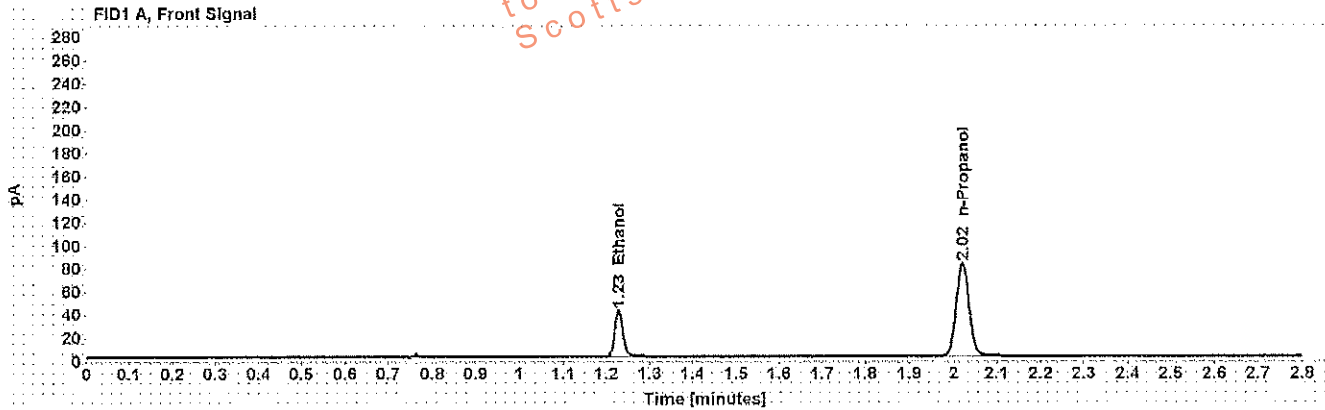


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0802	1.228	51.668
n-Propanol	-----	2.021	165.552

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.344	58.996
n-Propanol	2.375	188.805

# Scottsdale Police Department Crime Lab Volatiles Analysis

WJA

Sample: 0.150 Lipomed 09022015-C	Item number:
Injection date: 9/5/2017 3:38:38 PM	Vial: 31
Method: ethanol quant M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Sept17\31.D	

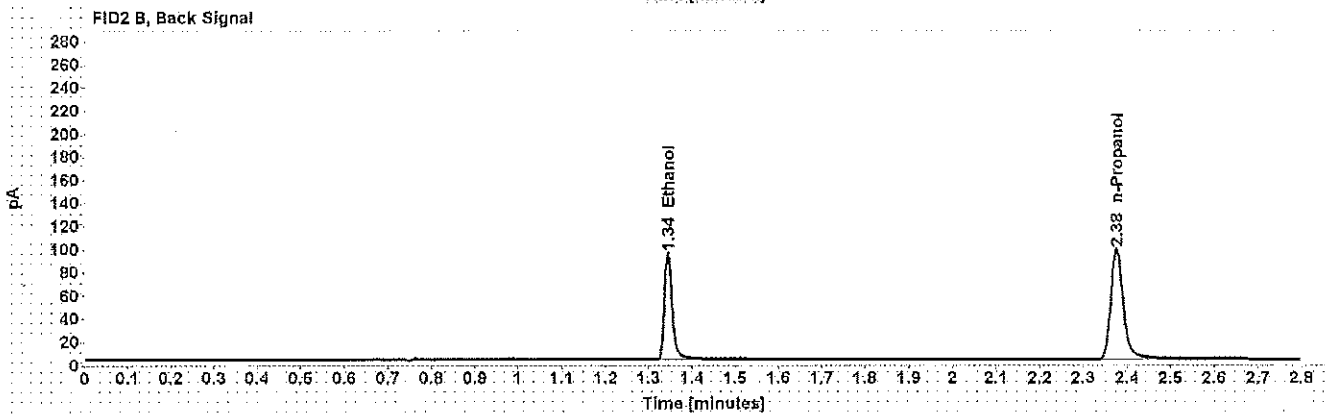
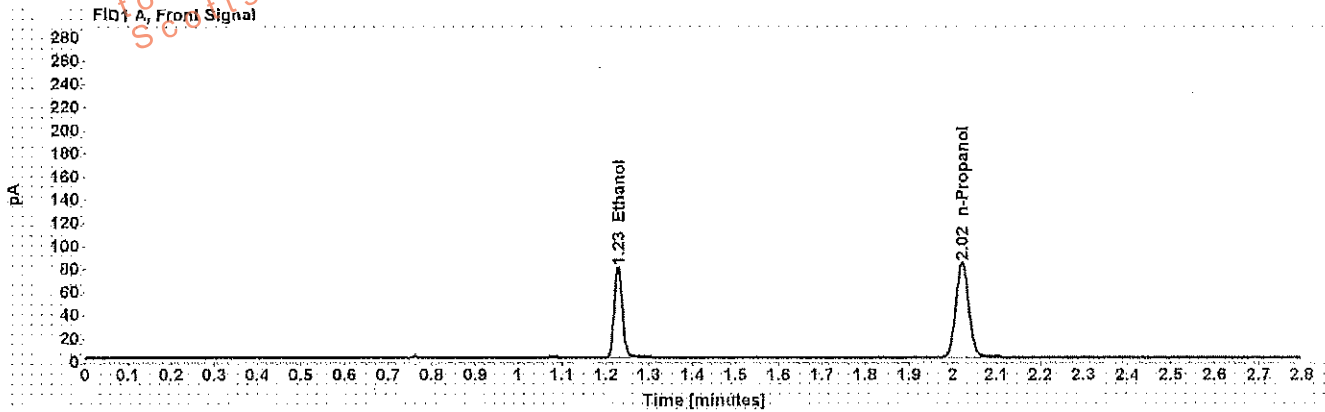


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1533	1.228	100.522
n-Propanol	-----	2.021	168.173

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.344	115.850
n-Propanol	2.376	191.588

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.20 ACQ 407041529/3	Item number:
Injection date: 9/5/2017 4:22:52 PM	Vial: 42
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
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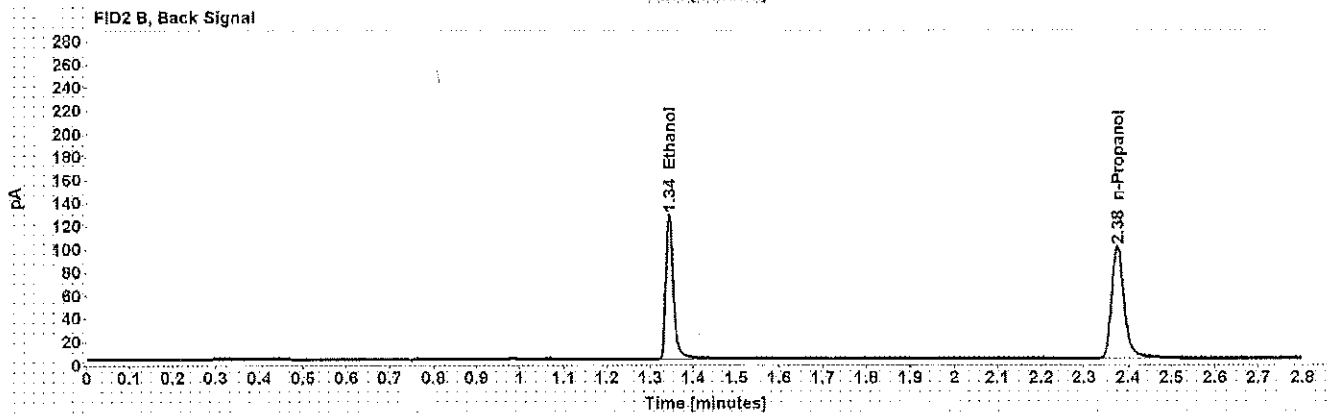
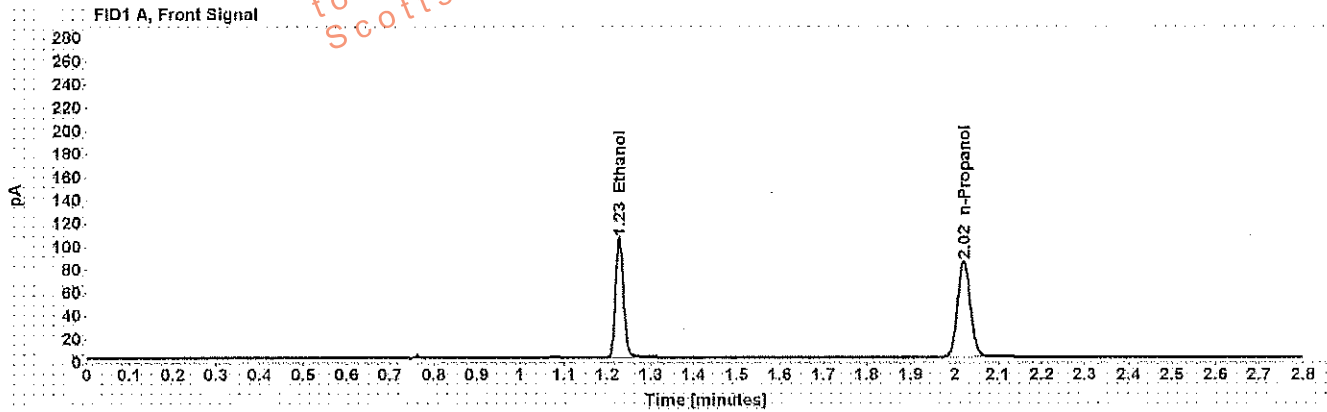


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2009	1.228	133.714
n-Propanol	-----	2.021	170.618

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.344	155.950
n-Propanol	2.376	195.258



# Scottsdale Police Department Crime Lab Volatiles Analysis

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WA

Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 9/5/2017 5:07:22 PM	Vial: 53
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
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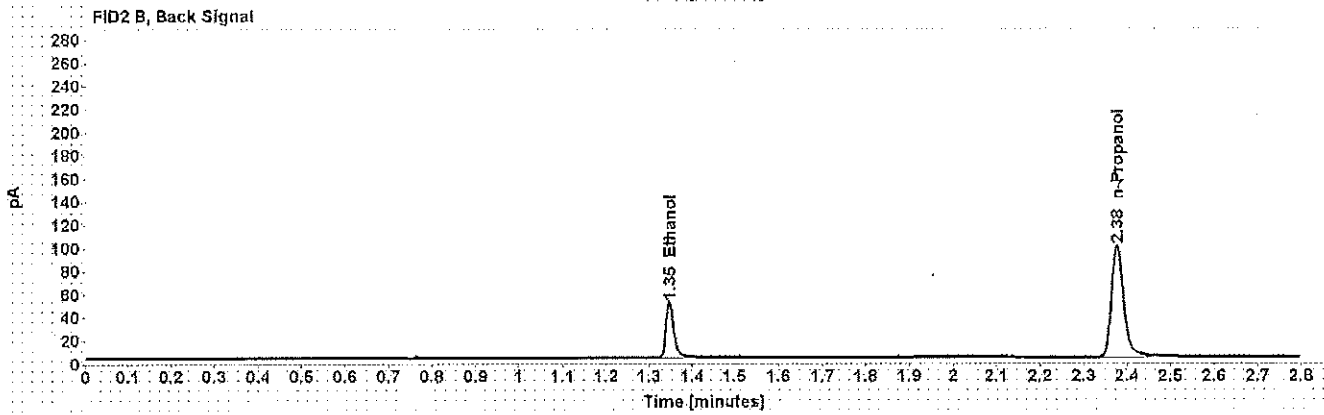
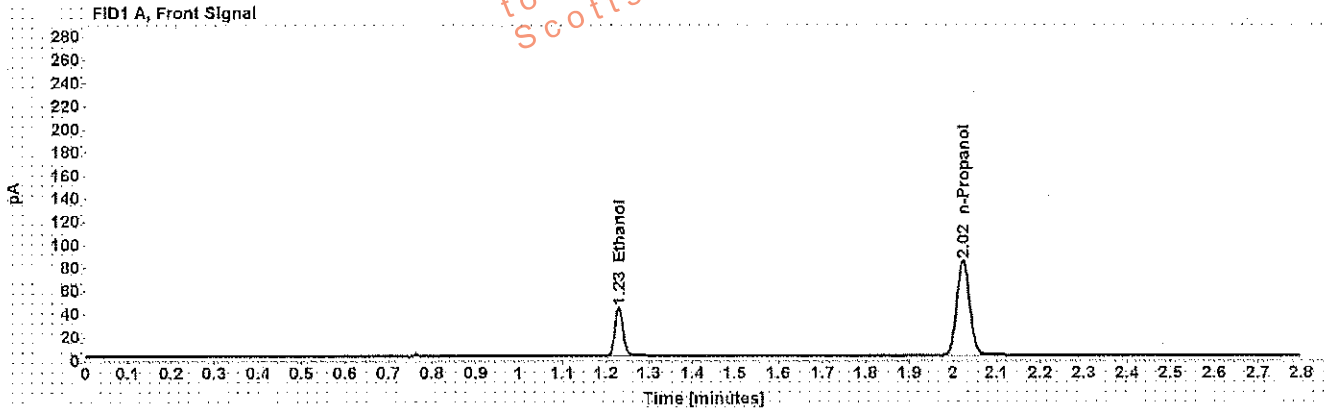


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0818	1.230	53.646
n-Propanol	-----	2.022	168.358

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.347	61.195
n-Propanol	2.377	193.288

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> 0.150 Lipomed 09022015-C	<b>Item number:</b>
<b>Injection date:</b> 9/5/2017 5:51:53 PM	<b>Vial:</b> 64
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Sept17
<b>Instrument:</b> US14173023 QN14160045	<b>Analyst:</b> Adrian
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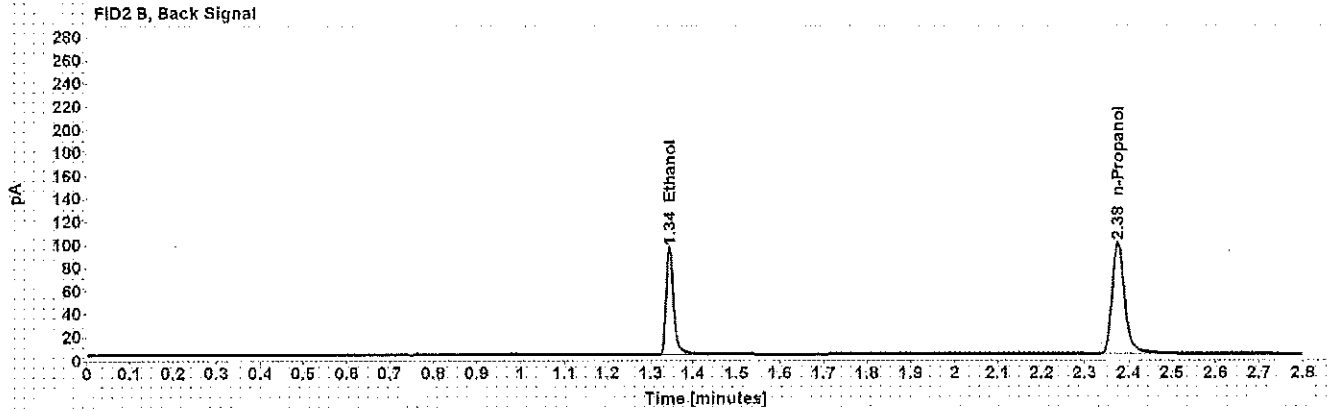
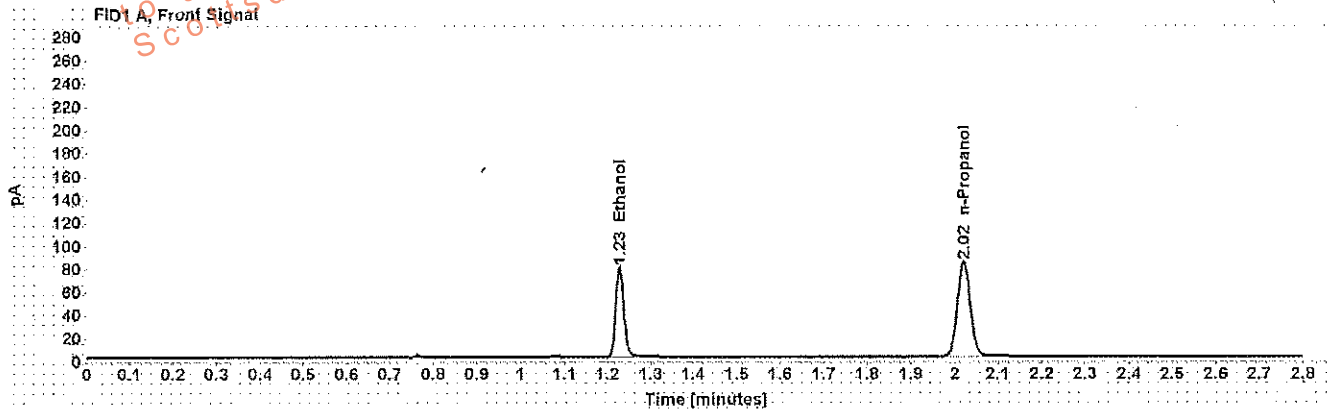


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1528	1.228	100.391
n-Propanol	-----	2.021	168.535

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.344	115.927
n-Propanol	2.375	192.298

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.20 ACQ 407041529/3	Item number:
Injection date: 9/5/2017 6:36:23 PM	Vial: 75
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\5Sept17\75.D	

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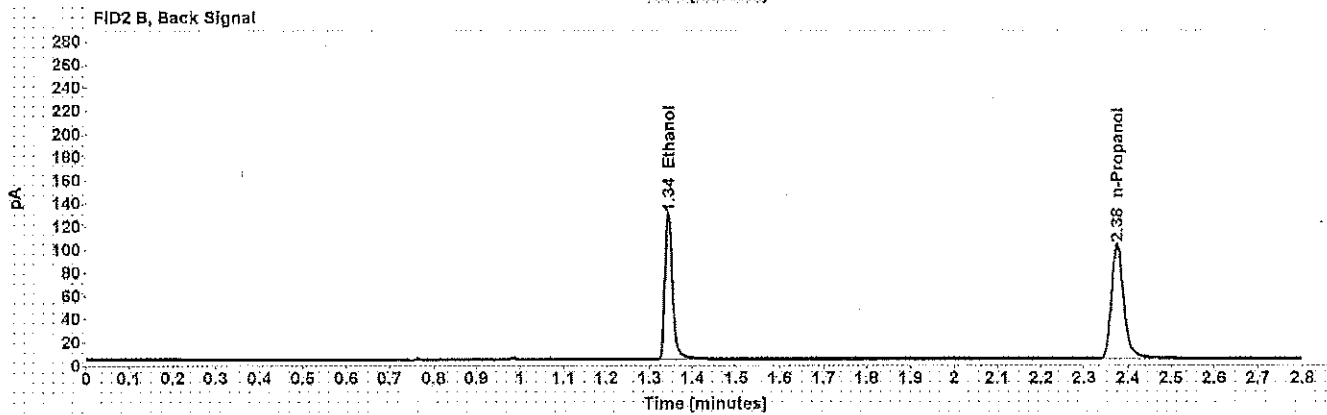
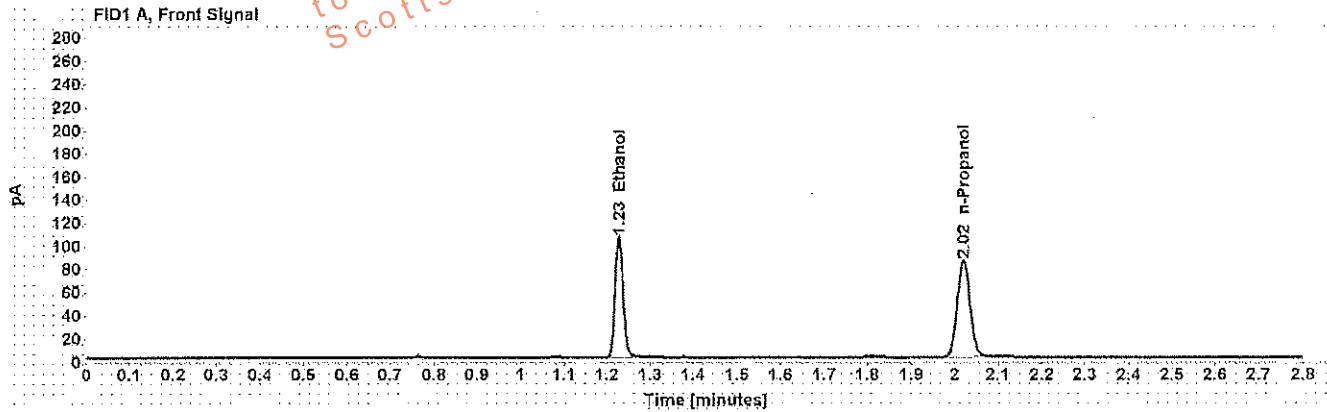


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2013	1.228	134.454
n-Propanol	-----	2.021	171.257

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.344	157.047
n-Propanol	2.375	196.417

# Scottsdale Police Department Crime Lab Volatiles Analysis

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MA

Sample: 0.40 Lipomed 08012015-C	Item number:
Injection date: 9/5/2017 6:48:22 PM	Vial: 78
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Sept17\78.D	

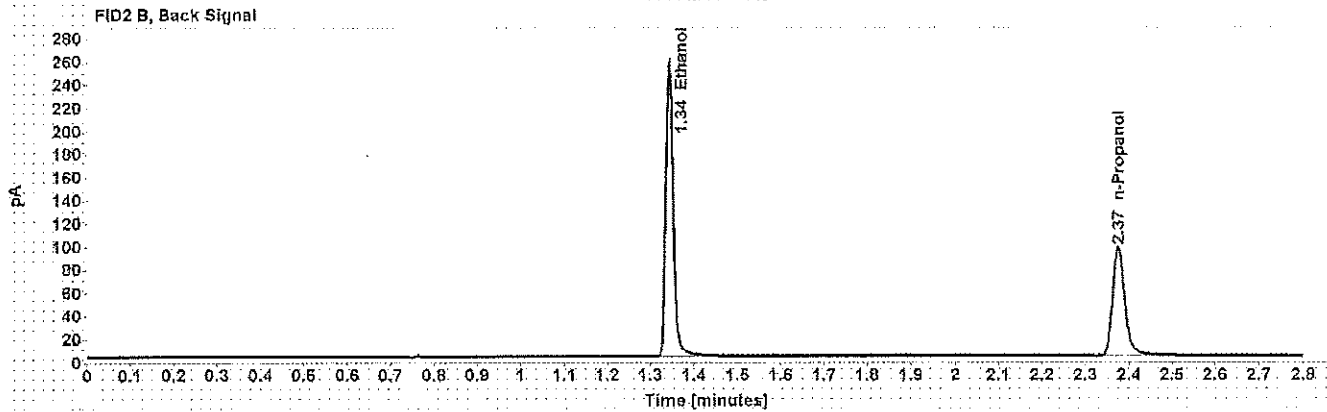
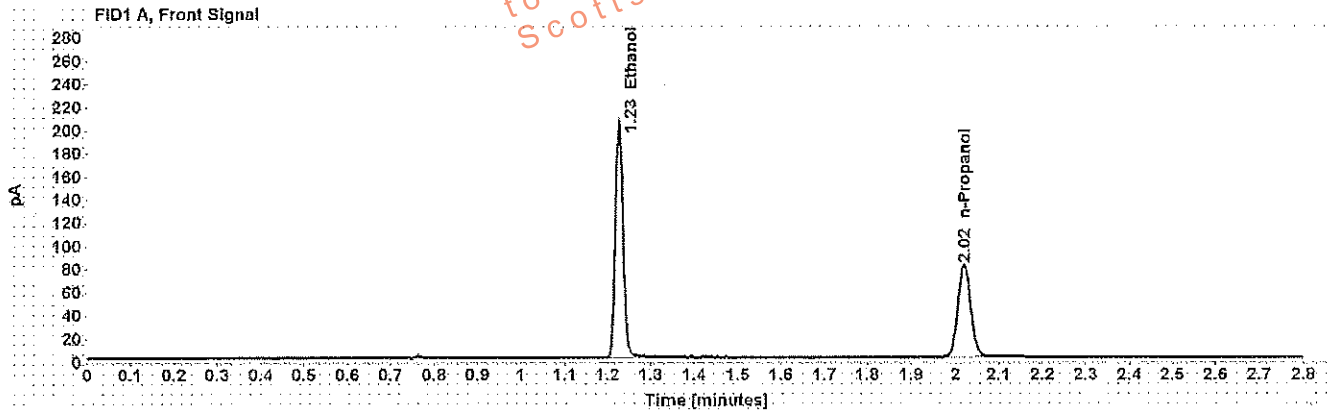


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4090	1.227	261.150
n-Propanol	-----	2.021	163.596

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.343	306.668
n-Propanol	2.375	187.194



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.04 Lipomed 09022015-A	Item number: <span style="float: right;">WA</span>
Injection date: 9/5/2017 6:52:39 PM	Vial: 79
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Sept17\79.D	

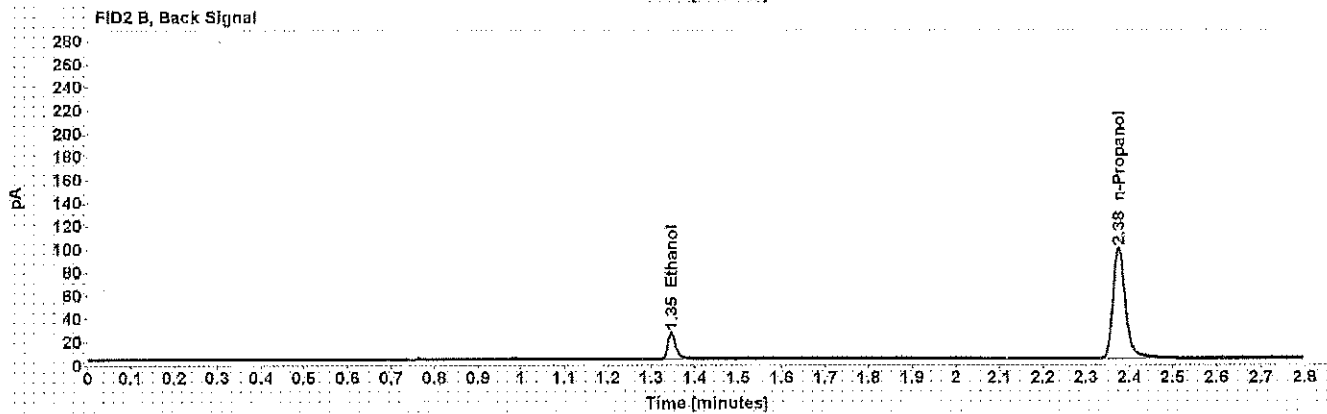
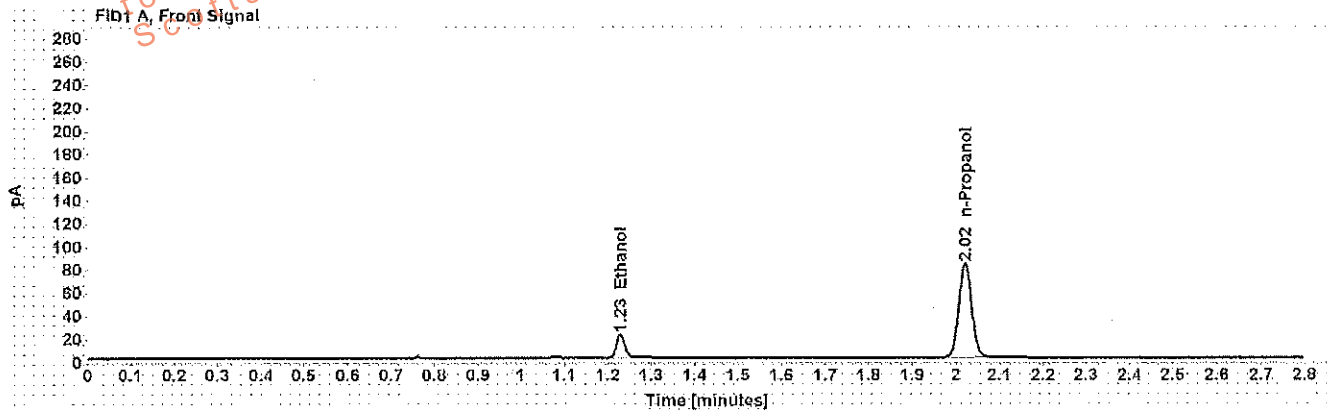


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0401	1.229	25.954
n-Propanol	-----	2.021	166.673

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.346	29.229
n-Propanol	2.375	191.224

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.20 ACQ 407041529/3	Item number:
Injection date: 9/5/2017 6:56:40 PM	Vial: 80
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\5Sept17\80.D	

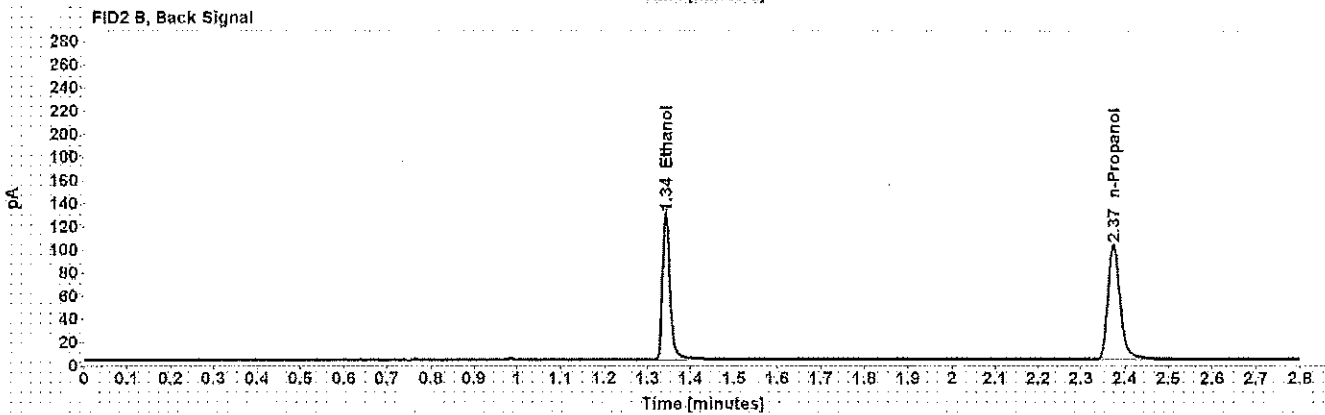
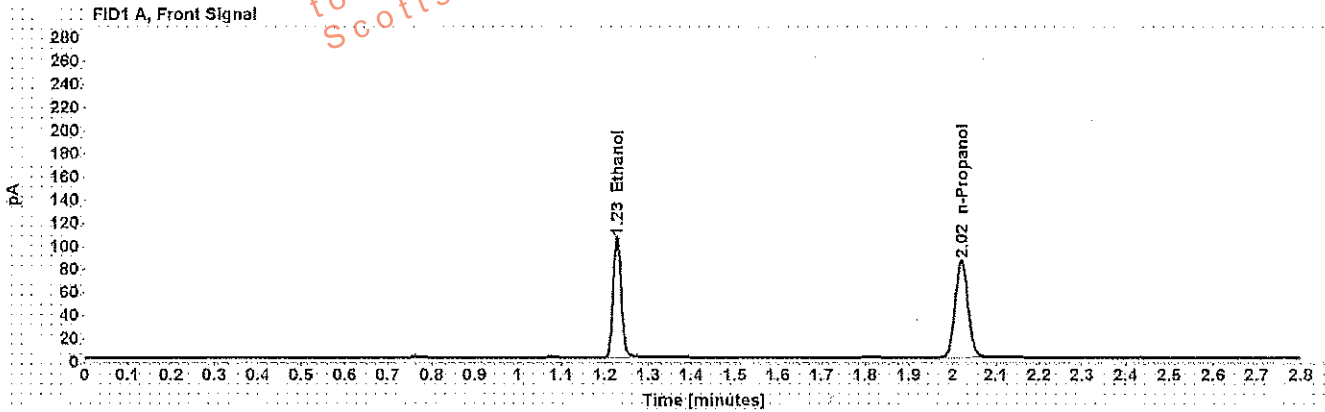


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1995	1.227	134.435
n-Propanol	-----	2.020	172.749

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.343	156.406
n-Propanol	2.375	197.798

# Scottsdale Police Department Crime Lab Volatiles Analysis

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WA

Sample: blank 062217	Item number:
Injection date: 9/5/2017 7:00:38 PM	Vial: 81
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Sept17\81.D	

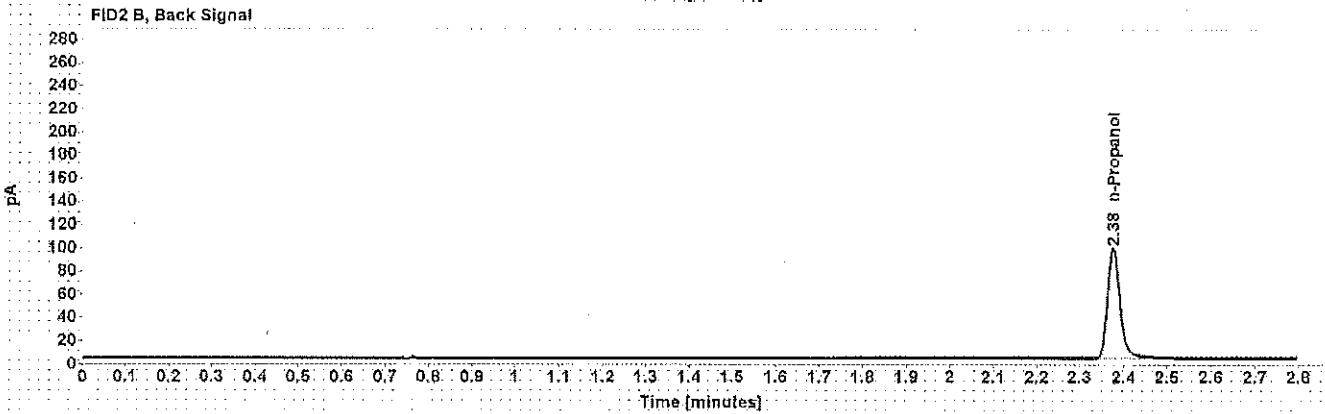
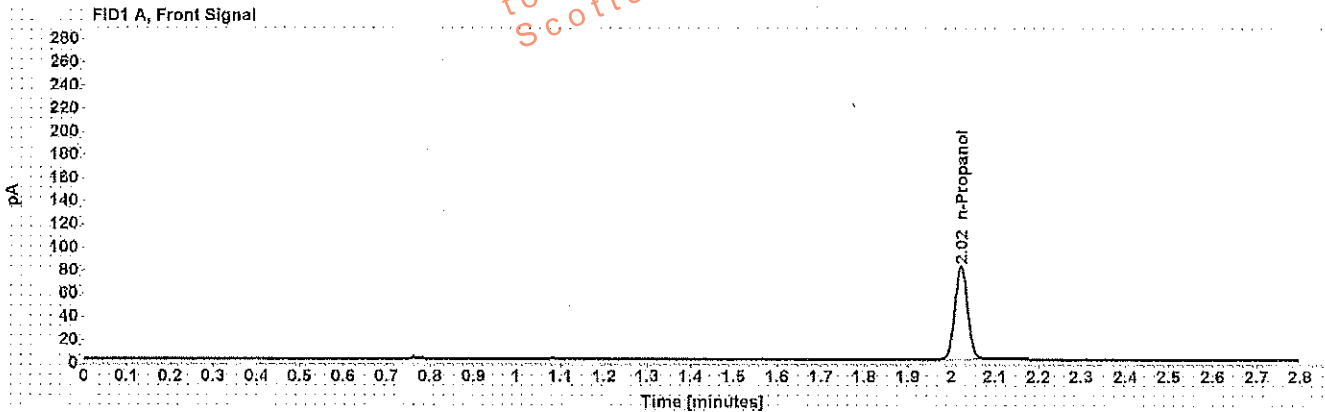


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.022	165.402

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.376	189.172

# Sequence Summary

Sequence name: 5Sept17 Instrument: US14173023 CN14160045 Analyst: Adrian

Vial	Sample	Type	Item Number	Method
1	0.020 Cerilliant FN03241604	Calibration		ethanol quant.M
2	0.100 Cerilliant FN06181501	Calibration		ethanol quant.M
3	0.200 Cerilliant FN07201502	Calibration		ethanol quant.M
4	0.400 Cerilliant FN11191402	Calibration		ethanol quant.M
5	blank 062217	Control		ethanol quant.M
6	volatiles mix 020917 WLA	Control		ethanol quant.M
7	0.400 Lipomed 08012015-C	Control		ethanol quant.M
8	0.040 Lipomed 09022015-A	Control		ethanol quant.M
9	0.20 ACQ 407041529/3	Control		ethanol quant.M
10		Sample	1127285	ethanol quant.M
11		Sample	1127285	ethanol quant.M
12		Sample	1128900	ethanol quant.M
13		Sample	1128900	ethanol quant.M
14		Sample	1171236	ethanol quant.M
15		Sample	1171236	ethanol quant.M
16		Sample	1441889	ethanol quant.M
17		Sample	1441889	ethanol quant.M
18		Sample	318-01A	ethanol quant.M
19		Sample	318-01A	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21		Sample	1151044	ethanol quant.M
22		Sample	1151044	ethanol quant.M
23		Sample	1166634	ethanol quant.M
24		Sample	1166634	ethanol quant.M
25		Sample	1166361	ethanol quant.M
26		Sample	1166361	ethanol quant.M
27		Sample	1168033	ethanol quant.M
28		Sample	1168033	ethanol quant.M
29		Sample	1119044	ethanol quant.M
30		Sample	1119044	ethanol quant.M
31	0.150 Lipomed 09022015-C	Control		ethanol quant.M
32		Sample	1171332	ethanol quant.M
33		Sample	1171332	ethanol quant.M
34		Sample	1171180	ethanol quant.M
35		Sample	1171180	ethanol quant.M
36		Sample	1138520	ethanol quant.M
37		Sample	1138520	ethanol quant.M
38		Sample	1163484	ethanol quant.M
39		Sample	1163484	ethanol quant.M
40		Sample	1169786	ethanol quant.M
41		Sample	1169786	ethanol quant.M
42	0.20 ACQ 407041529/3	Control		ethanol quant.M
43		Sample	1169625	ethanol quant.M
44		Sample	1169625	ethanol quant.M
45		Sample	1171569	ethanol quant.M
46		Sample	1171569	ethanol quant.M
47		Sample	1170414	ethanol quant.M

# Sequence Summary

WA

48		Sample	1170414	ethanol quant.M
49		Sample	1171424	ethanol quant.M
50		Sample	1171424	ethanol quant.M
51		Sample	323-01A	ethanol quant.M
52		Sample	323-01A	ethanol quant.M
53	0.080 Lipomed 28082014-B	Control		ethanol quant.M
54		Sample	312-01A	ethanol quant.M
55		Sample	312-01A	ethanol quant.M
56		Sample	1167876	ethanol quant.M
57		Sample	1167876	ethanol quant.M
58		Sample	1168918	ethanol quant.M
59		Sample	1168918	ethanol quant.M
60		Sample	1168055	ethanol quant.M
61		Sample	1168055	ethanol quant.M
62		Sample	1168195	ethanol quant.M
63		Sample	1168195	ethanol quant.M
64	0.150 Lipomed 09022015-C	Control		ethanol quant.M
65		Sample	1168165	ethanol quant.M
66		Sample	1168165	ethanol quant.M
67		Sample	1147924	ethanol quant.M
68		Sample	1147924	ethanol quant.M
69		Sample	1152210	ethanol quant.M
70		Sample	1152210	ethanol quant.M
71		Sample	1145767	ethanol quant.M
72		Sample	1145767	ethanol quant.M
73		Sample	1144899	ethanol quant.M
74		Sample	1144899	ethanol quant.M
75	0.20 ACQ 407041529/3	Control		ethanol quant.M
76		Sample	273-01A	ethanol quant.M
77		Sample	273-01A	ethanol quant.M
78	0.40 Lipomed 08012015-C	Control		ethanol quant.M
79	0.04 Lipomed 09022015-A	Control		ethanol quant.M
80	0.20 ACQ 407041529/3	Control		ethanol quant.M
81	blank 062217	Control		ethanol quant.M

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# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 5Sept17

ANALYST: Adrian

WA

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1309	0.1319	0.13140	0.38	0.00050
12 13	0.2101	0.2108	0.21045	0.17	0.00035
14 15	0.0934	0.0930	0.09320	0.21	0.00020
16 17	0.1142	0.1138	0.11400	0.18	0.00020
18 19	0.0000	0.0000	0.00000	0.00	0.00000
21 22	0.1235	0.1255	0.12450	0.80	0.00100
23 24	0.1174	0.1200	0.11870	1.10	0.00130
25 26	0.1643	0.1646	0.16445	0.09	0.00015
27 28	0.0925	0.0909	0.09170	0.87	0.00080
29 30	0.1829	0.1842	0.18355	0.35	0.00065
32 33	0.0662	0.0668	0.06650	0.45	0.00030
34 35	0.1335	0.1309	0.13220	0.98	0.00130
36 37	0.1579	0.1577	0.15780	0.06	0.00010
38 39	0.1794	0.1854	0.18240	1.64	0.00300
40 41	0.1697	0.1677	0.16870	0.59	0.00100
43 44	0.1350	0.1354	0.13520	0.15	0.00020
45 46	0.1298	0.1278	0.12880	0.78	0.00100
47 48	0.1224	0.1217	0.12205	0.29	0.00035
49 50	0.0904	0.0910	0.09070	0.33	0.00030
51 52	0.1711	0.1695	0.17030	0.47	0.00080
54 55	0.0748	0.0761	0.07545	0.86	0.00065
56 57	0.1372	0.1375	0.13735	0.11	0.00015
58 59	0.0846	0.0854	0.08500	0.47	0.00040
60 61	0.1557	0.1580	0.15685	0.73	0.00115
62 63	0.1731	0.1723	0.17270	0.23	0.00040
65 66	0.2158	0.2168	0.21630	0.23	0.00050
67 68	0.2370	0.2380	0.23750	0.21	0.00050
69 70	0.1277	0.1273	0.12750	0.16	0.00020
71 72	0.1077	0.1078	0.10775	0.05	0.00005
73 74	0.1720	0.1722	0.17210	0.06	0.00010
76 77	0.1819	0.1815	0.18170	0.11	0.00020

\*Calculated differences are differences from the mean of the two results.

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1127285
Injection date: 9/5/2017 2:13:38 PM	Vial: 10
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Sept17\10.D	

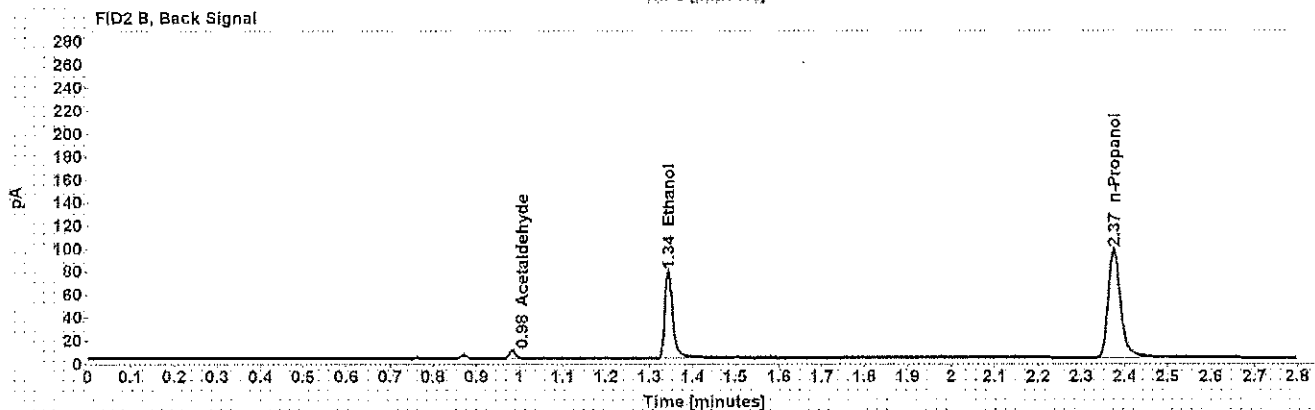
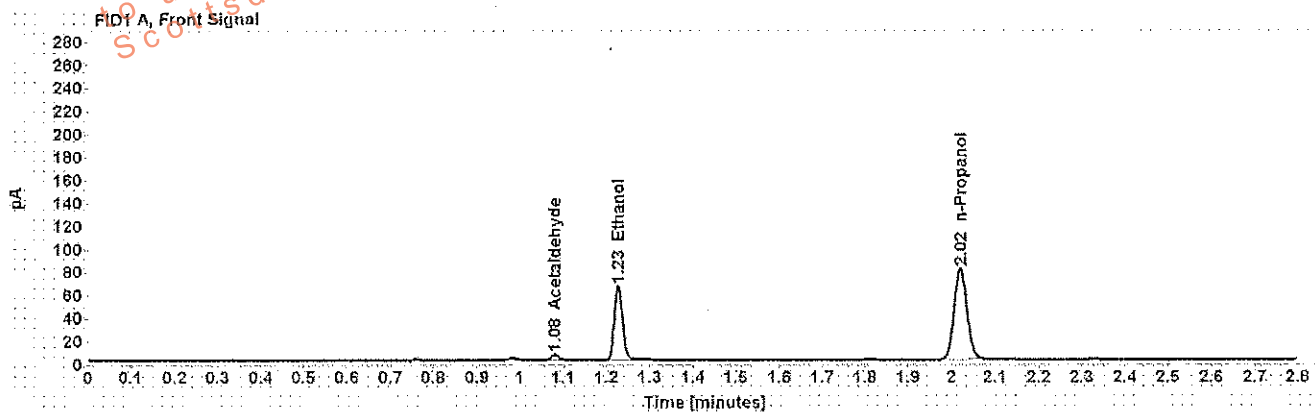


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.179
>Ethanol	0.1309	1.227	83.075
n-Propanol	-----	2.020	162.870

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	6.204
Ethanol	1.343	95.797
n-Propanol	2.375	190.458



## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1127285
<b>Injection date:</b> 9/5/2017 2:17:37 PM	<b>Vial:</b> 11
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Sept17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\11\Data\5Sept17\11.D	

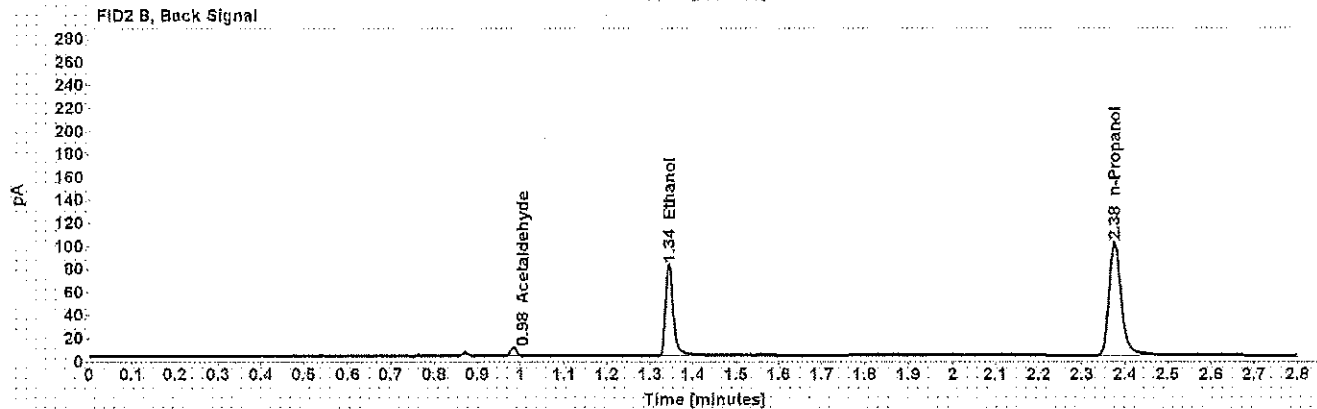
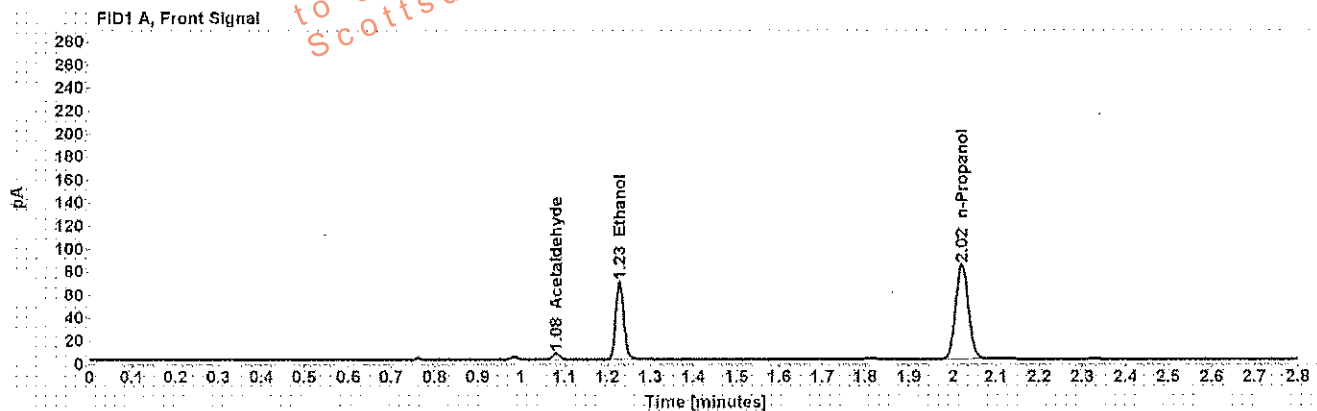


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.372
>Ethanol	0.1319	1.228	87.020
n-Propanol	-----	2.021	169.304

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.462
Ethanol	1.344	100.128
n-Propanol	2.375	197.499



## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1128900
<b>Injection date:</b> 9/5/2017 2:21:38 PM	<b>Vial:</b> 12
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Sept17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\5Sept17\12.D	

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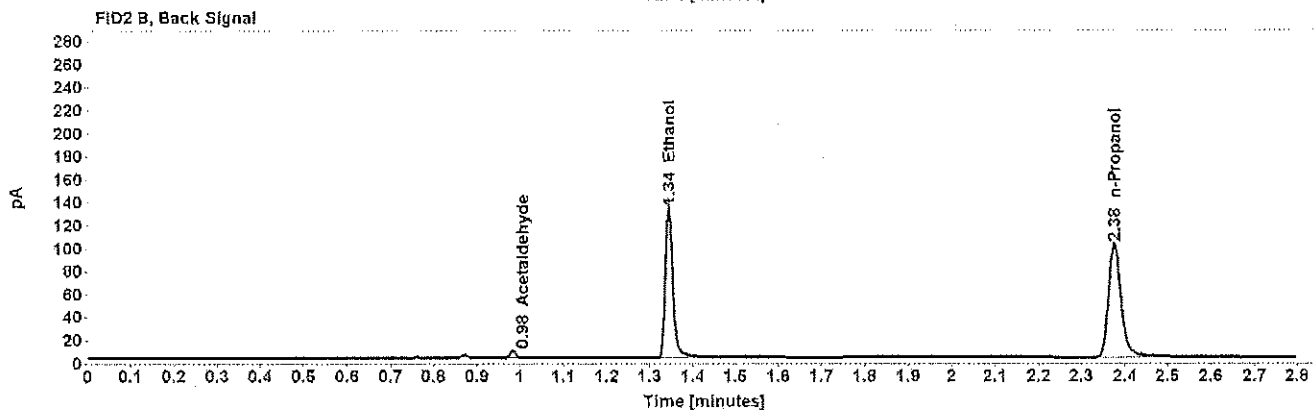
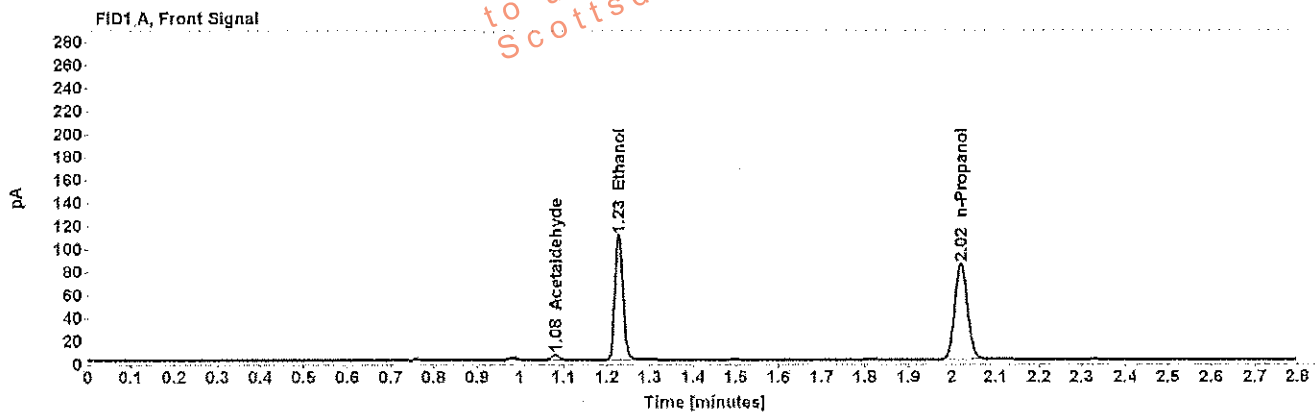


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.879
>Ethanol	0.2101	1.227	140.253
n-Propanol	-----	2.021	171.164

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.878
Ethanol	1.343	162.318
n-Propanol	2.375	199.658

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1128900
Injection date: 9/5/2017 2:25:53 PM	Vial: 13
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Sept17\13.D	

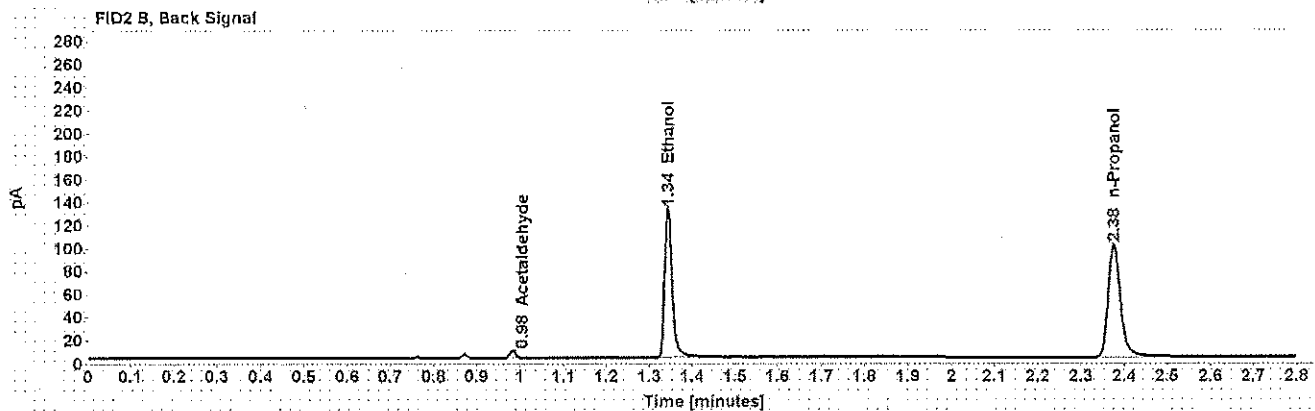
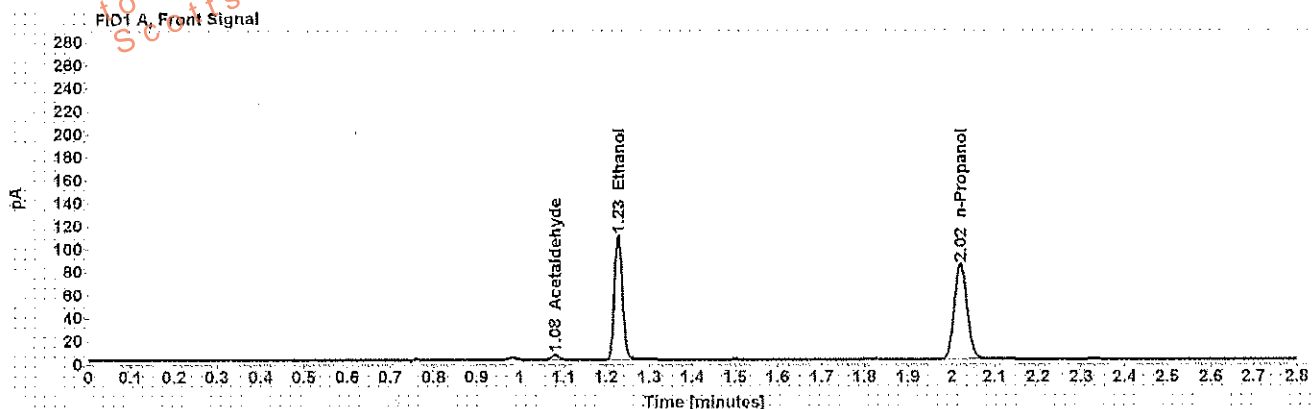


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.889
>Ethanol	0.2108	1.228	139.559
n-Propanol	-----	2.021	169.745

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.901
Ethanol	1.344	160.802
n-Propanol	2.375	198.201

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1171236
Injection date: 9/5/2017 2:29:53 PM	Vial: 14
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Sept17\14.D	

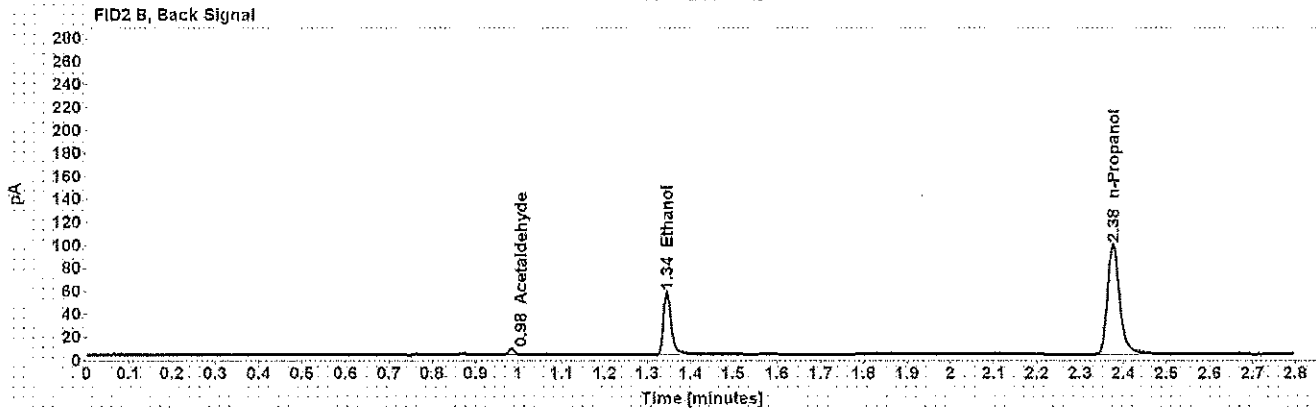
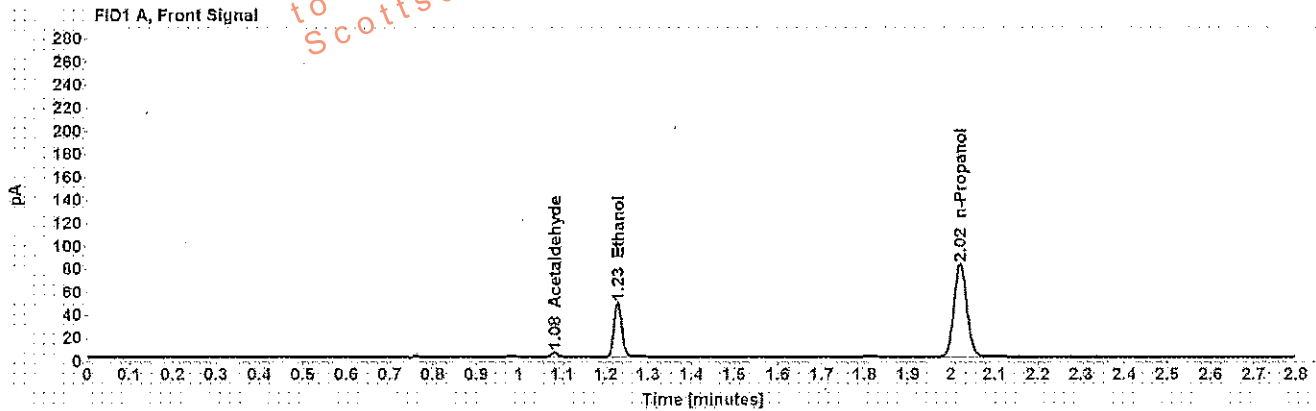


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	3.866
>Ethanol	0.0934	1.229	60.430
n-Propanol	-----	2.021	166.062

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.652
Ethanol	1.345	68.267
n-Propanol	2.376	192.670

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1171236
Injection date: 9/5/2017 2:33:52 PM	Vial: 15
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\5Sept17\15.D	

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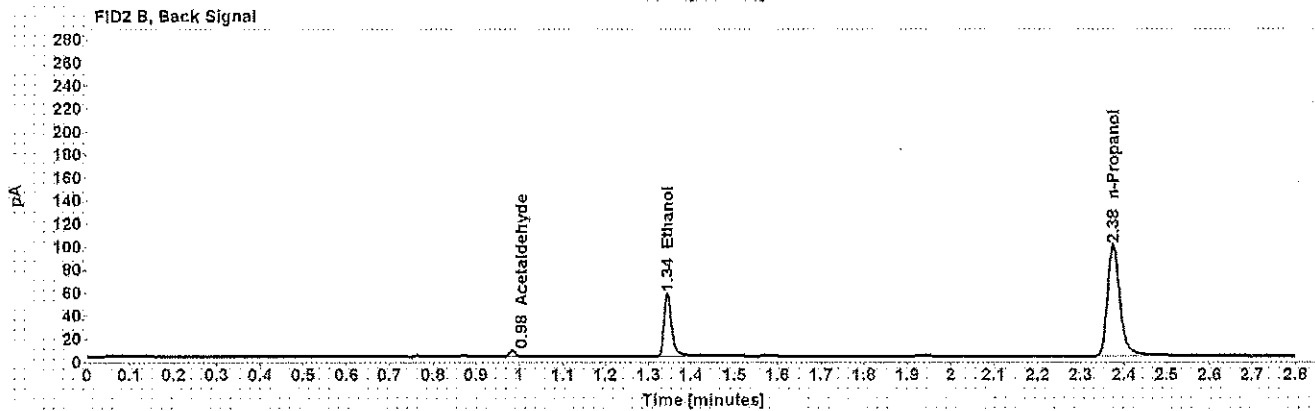
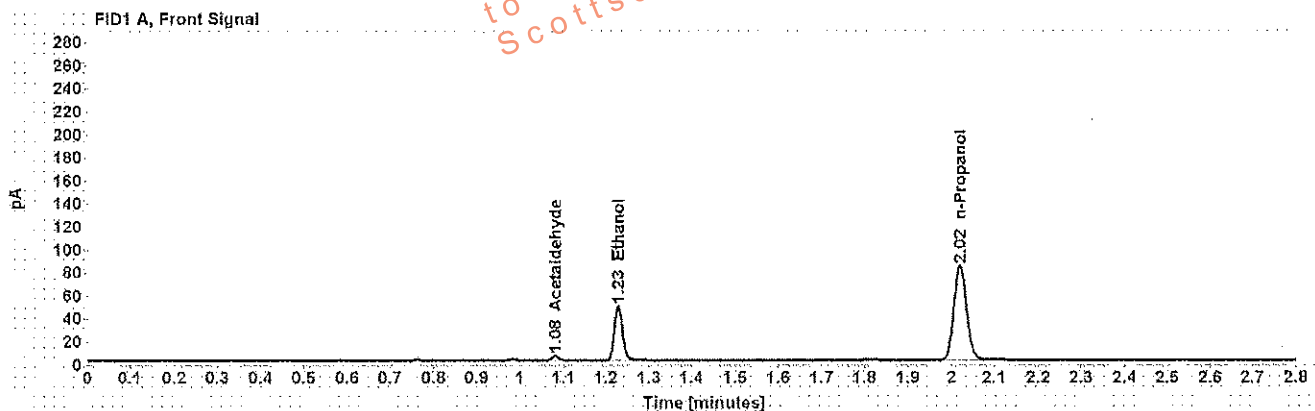


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	3.858
>Ethanol	0.0930	1.228	60.877
n-Propanol	-----	2.021	168.119

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.648
Ethanol	1.345	69.747
n-Propanol	2.375	194.712

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1441889
Injection date: 9/5/2017 2:37:54 PM	Vial: 16
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\5Sept17\16.D	

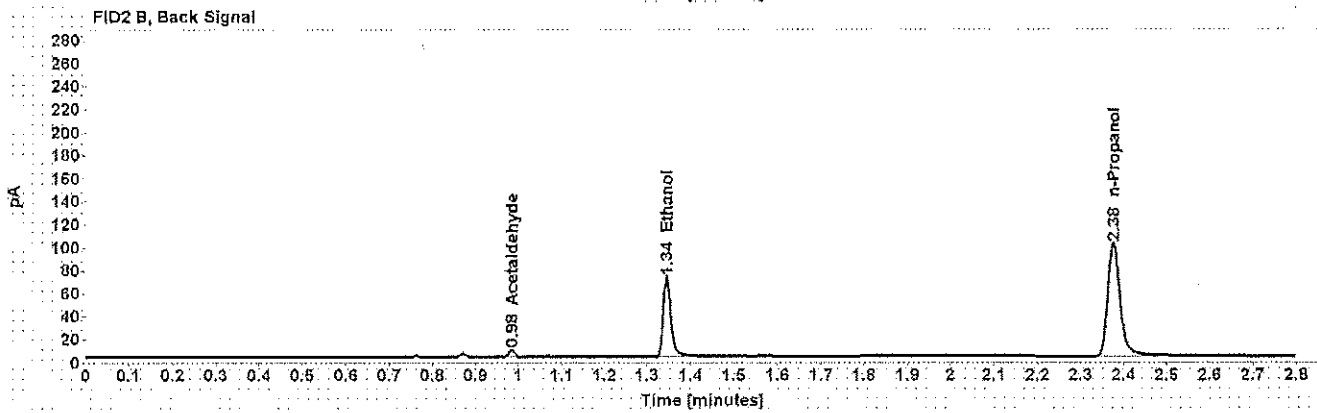
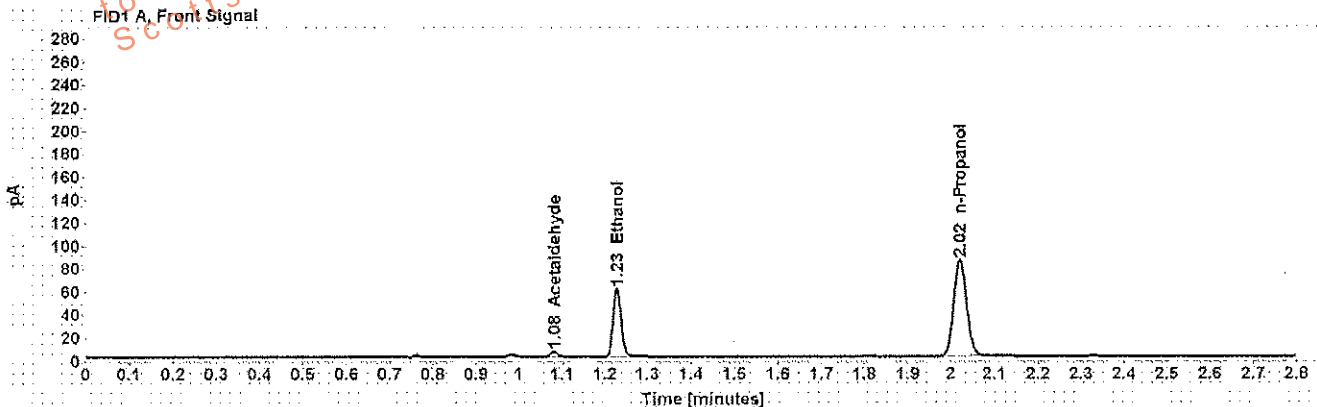


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.576
>Ethanol	0.1142	1.229	76.330
n-Propanol	-----	2.021	171.538

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.500
Ethanol	1.345	87.026
n-Propanol	2.376	198.395

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1441889
<b>Injection date:</b> 9/5/2017 2:41:54 PM	<b>Vial:</b> 17
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Sept17
<b>Instrument:</b> US14173023 CN14160046	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem3211\Data\5Sept17\17.D	

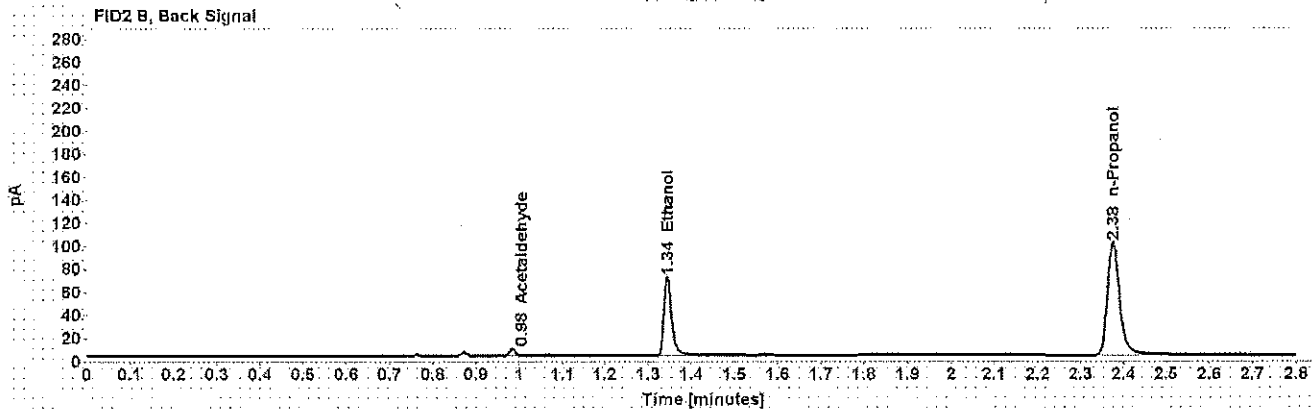
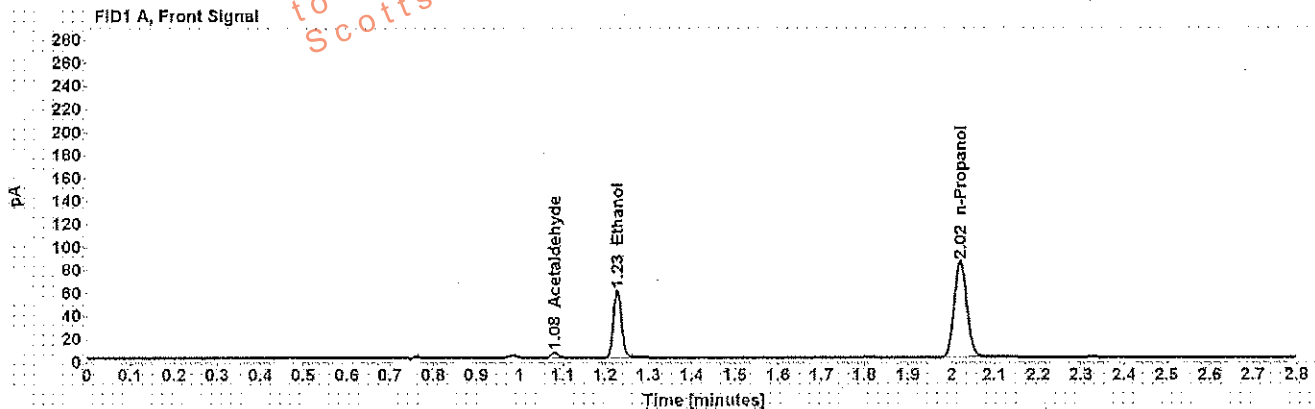


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.656
>Ethanol	0.1138	1.228	75.769
n-Propanol	-----	2.021	170.813

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.620
Ethanol	1.344	86.308
n-Propanol	2.375	197.587

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 318-01A
Injection date: 9/5/2017 2:45:52 PM	Vial: 18
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Sept17\18.D	

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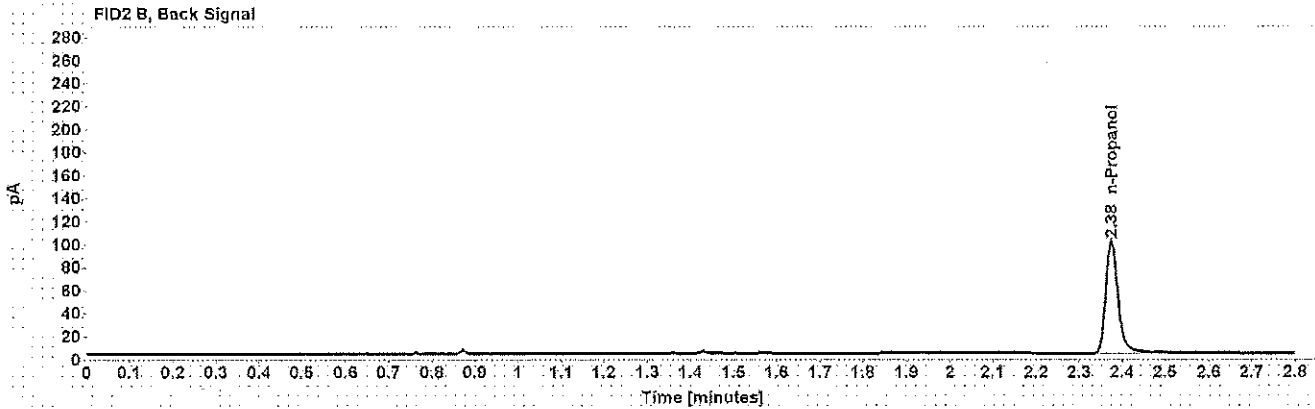
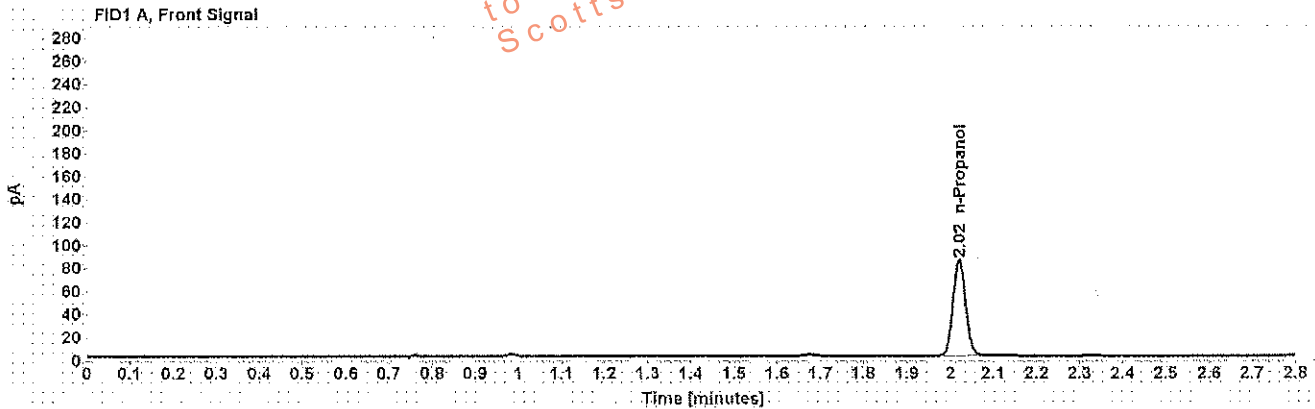


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.021	170.024

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.375	197.120

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 318-01A
Injection date: 9/5/2017 2:50:07 PM	Vial: 19
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023.ON14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Sept17\19.D	

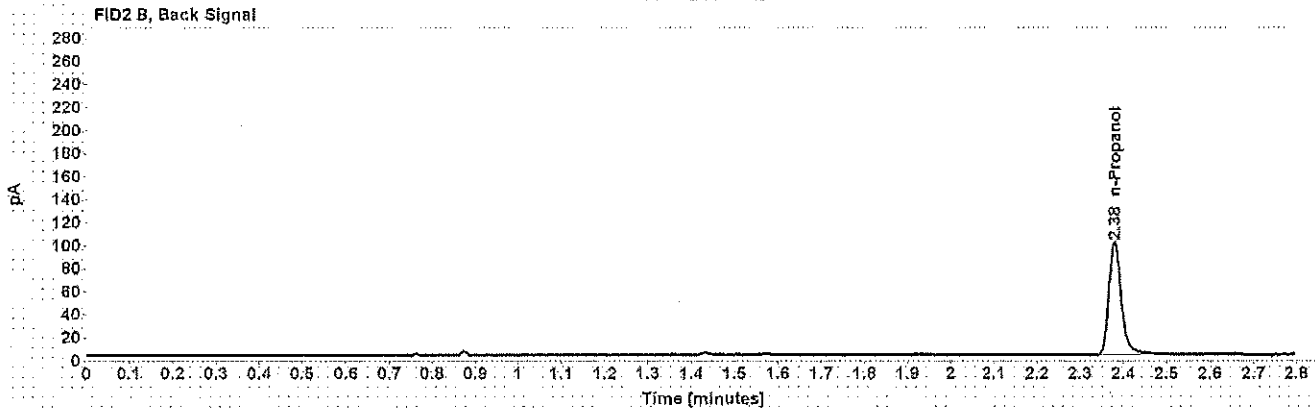
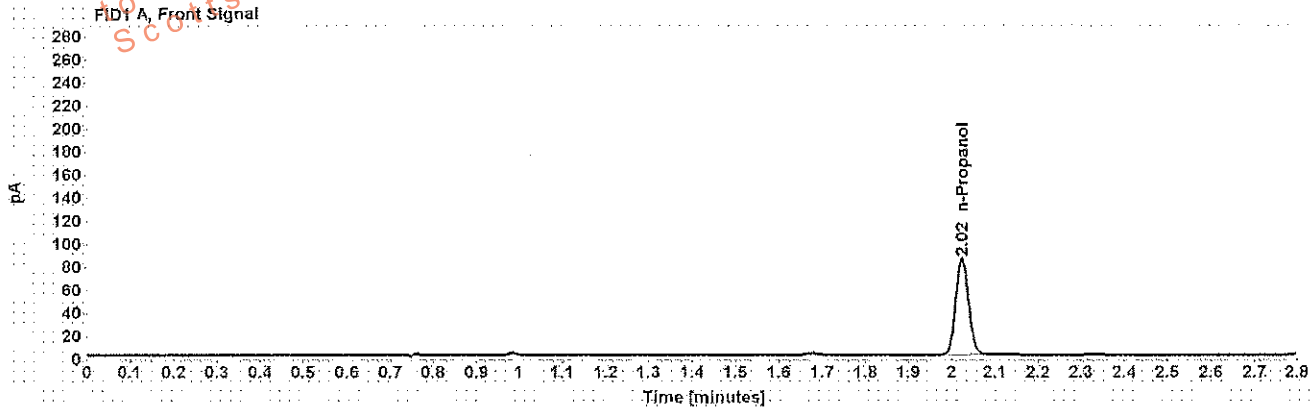


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.024	171.524

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.380	197.466



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1151044
Injection date: 9/5/2017 2:58:08 PM	Vial: 21
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Sept17\21.D	

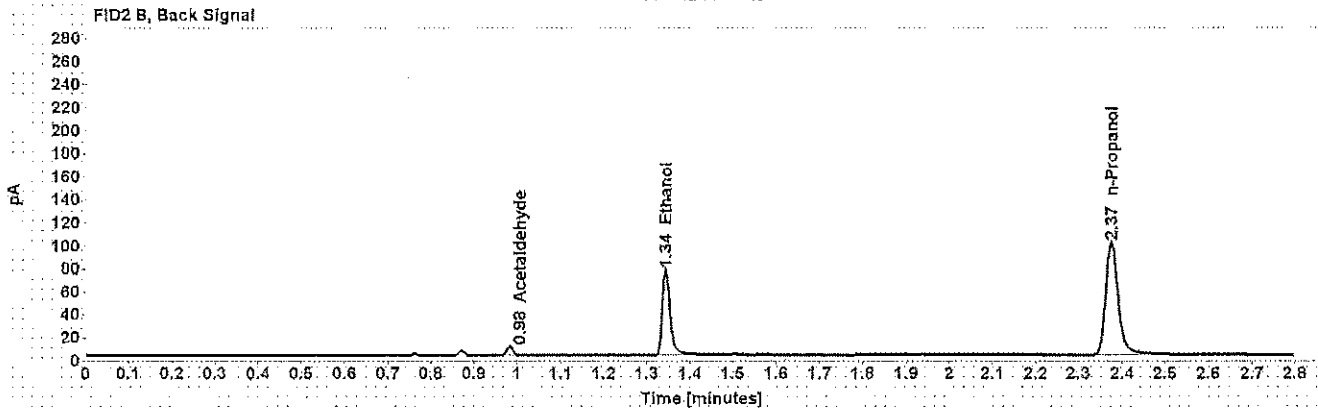
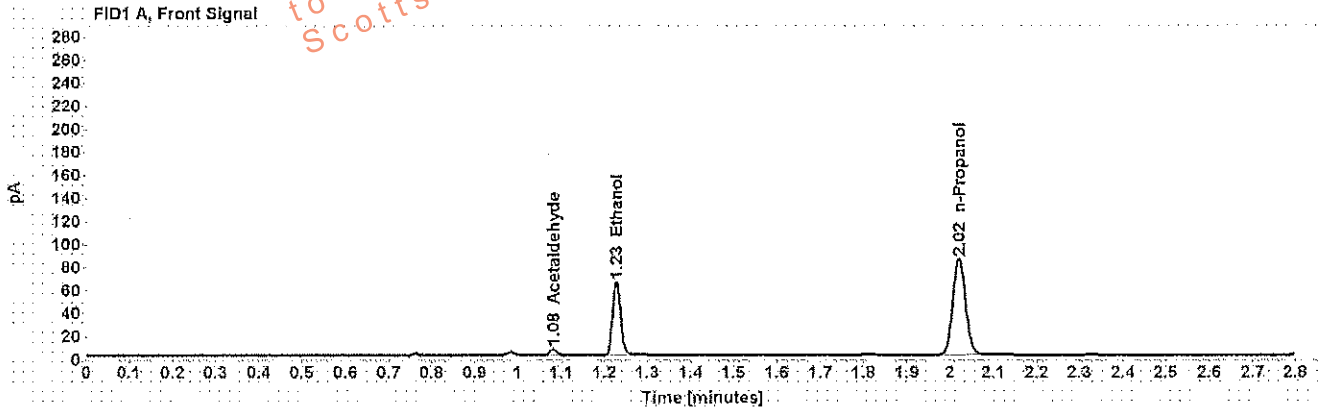


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.700
>Ethanol	0.1235	1.228	82.490
n-Propanol	-----	2.021	171.343

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	6.864
Ethanol	1.344	95.973
n-Propanol	2.375	197.543

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1151044
Injection date: 9/5/2017 3:02:09 PM	Vial: 22
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Sept17\22.D	

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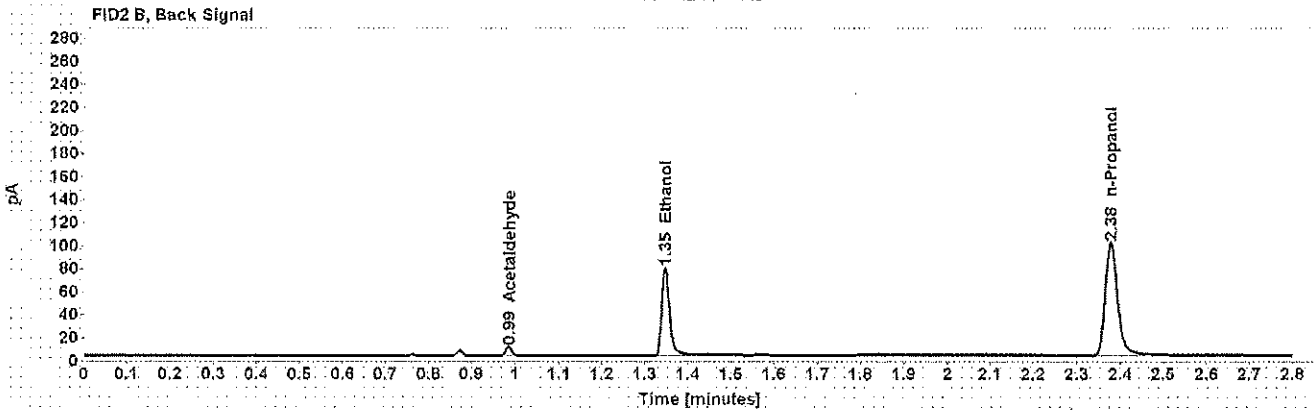
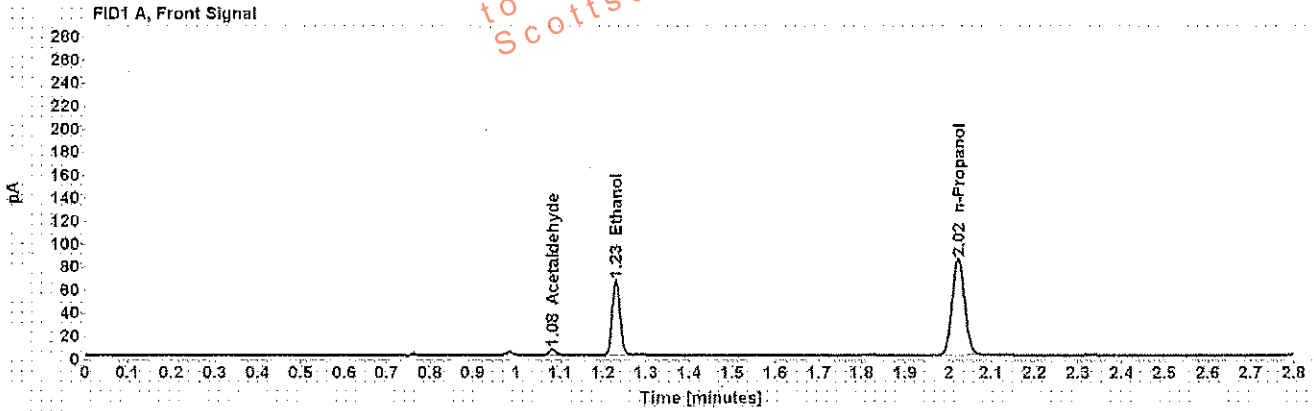


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	5.545
>Ethanol	0.1255	1.230	84.244
n-Propanol	-----	2.023	172.280

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	6.608
Ethanol	1.347	97.651
n-Propanol	2.378	197.897

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1166634
Injection date: 9/5/2017 3:06:08 PM	Vial: 23
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\5Sept17\23.D	

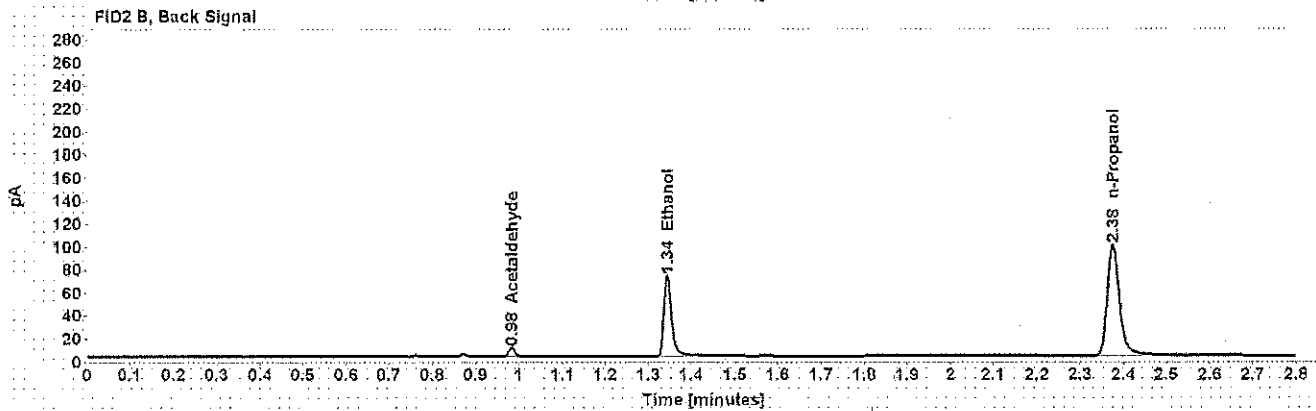
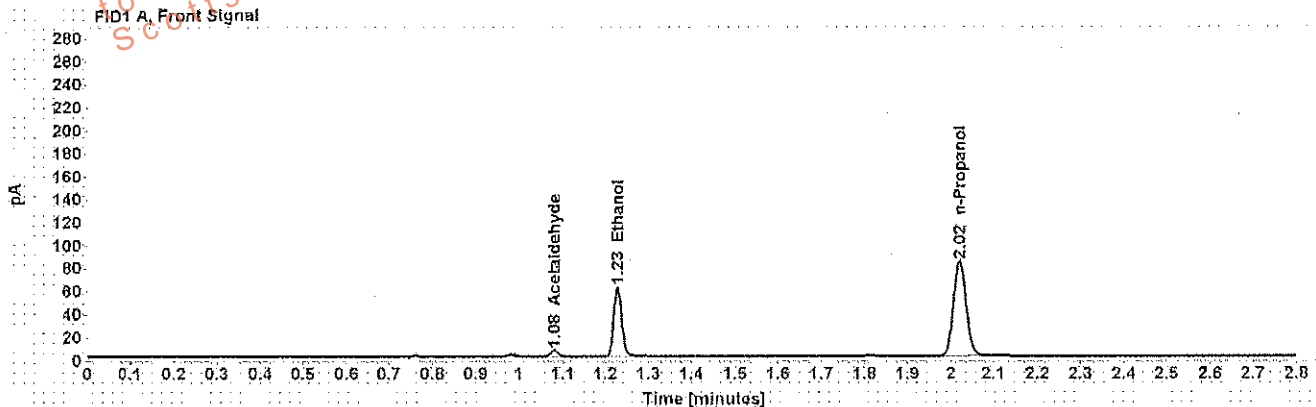


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.525
>Ethanol	0.1174	1.228	77.406
n-Propanol	-----	2.021	169.153

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.617
Ethanol	1.344	88.448
n-Propanol	2.375	195.295

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1166634
Injection date:	9/5/2017 3:10:07 PM	Vial:	24
Method:	ethanol quant.M	Sequence:	5Sept17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11Data\5Sept17\24.D		

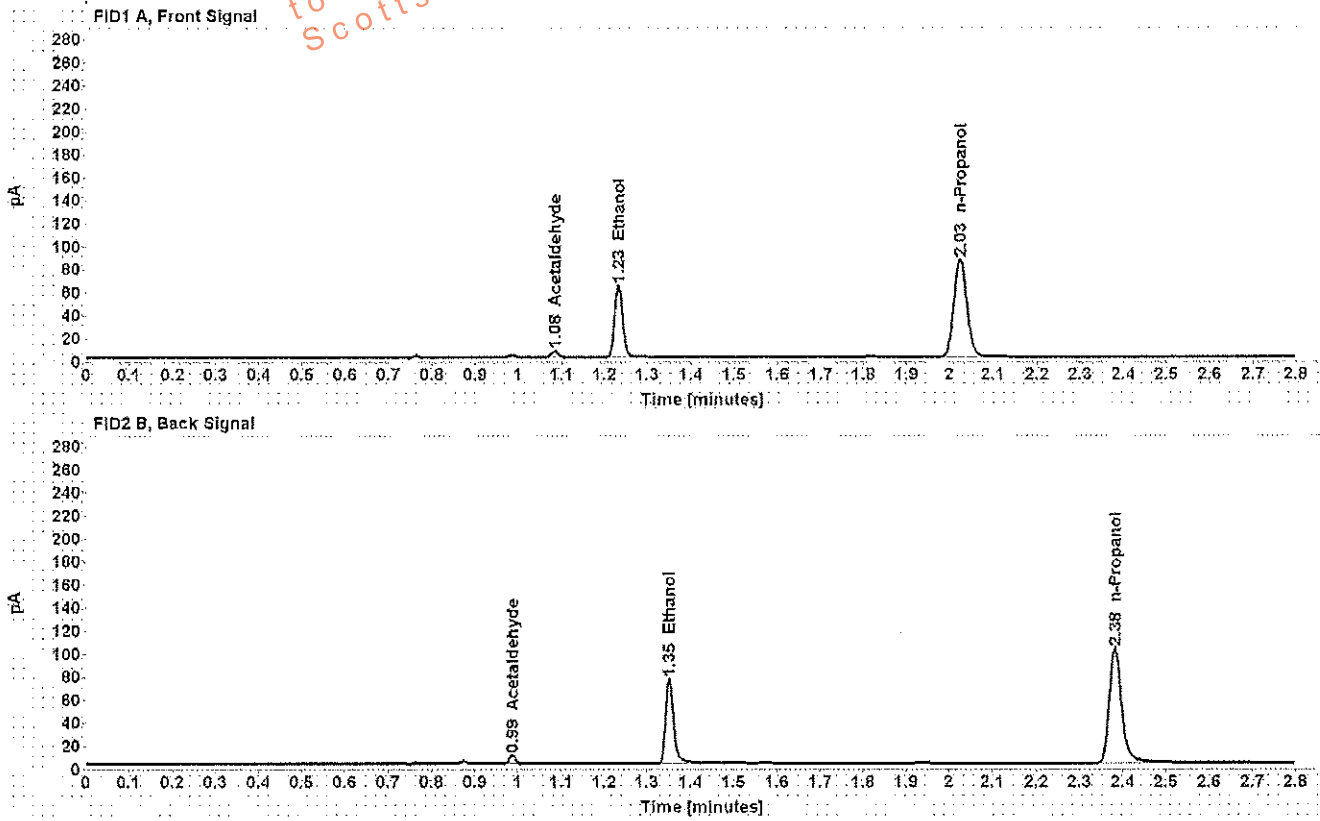


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.084	5.662
>Ethanol	0.1200	1.233	81.748
n-Propanol	-----	2.025	174.743

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	6.754
Ethanol	1.351	93.434
n-Propanol	2.382	200.634

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1166361
Injection date: 9/5/2017 3:14:23 PM	Vial: 25
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Sept17\25.D	

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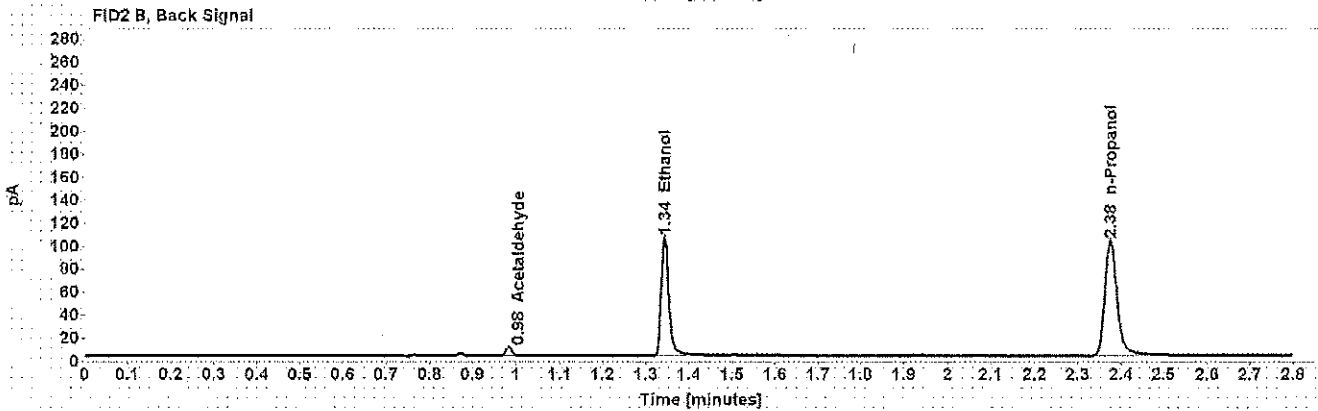
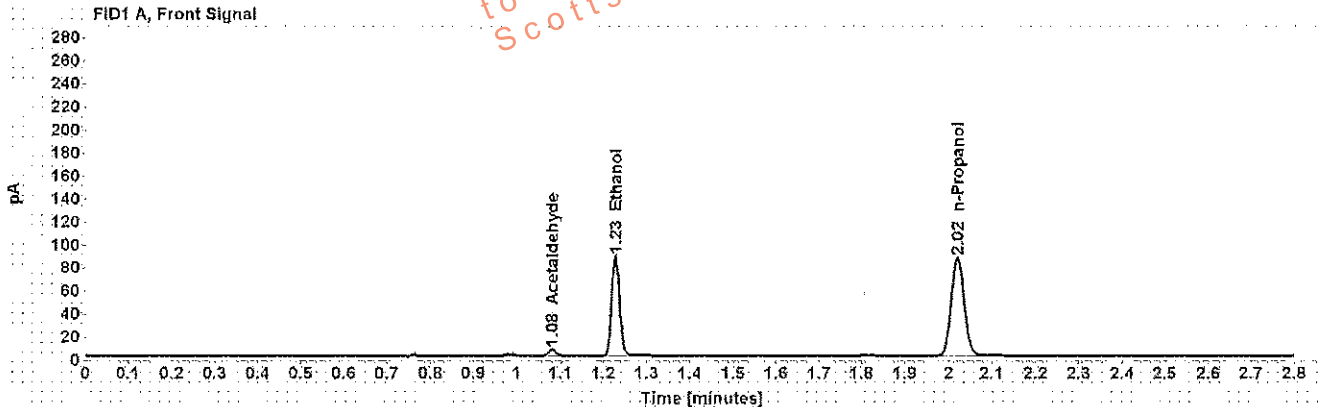


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.880
>Ethanol	0.1643	1.228	112.262
n-Propanol	-----	2.021	175.202

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	7.047
Ethanol	1.344	128.530
n-Propanol	2.375	202.319

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1166361
Injection date: 9/5/2017 3:18:22 PM	Vial: 26
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023.ON14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Sept17\26.D	

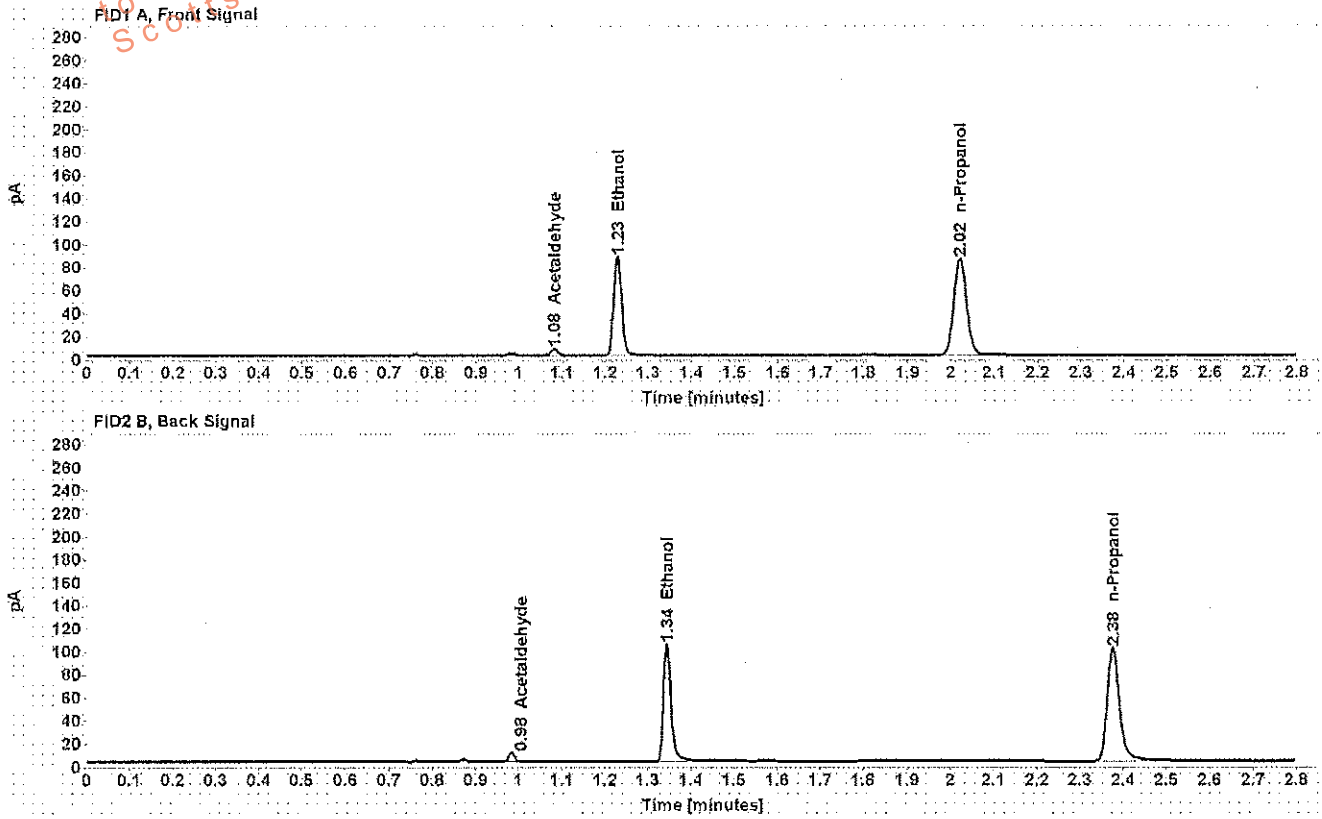


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.822
>Ethanol	0.1646	1.228	110.671
n-Propanol	-----	2.021	172.421

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.988
Ethanol	1.344	126.944
n-Propanol	2.376	197.796

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1168033
Injection date: 9/5/2017 3:22:23 PM	Vial: 27
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Sept17\27.D	

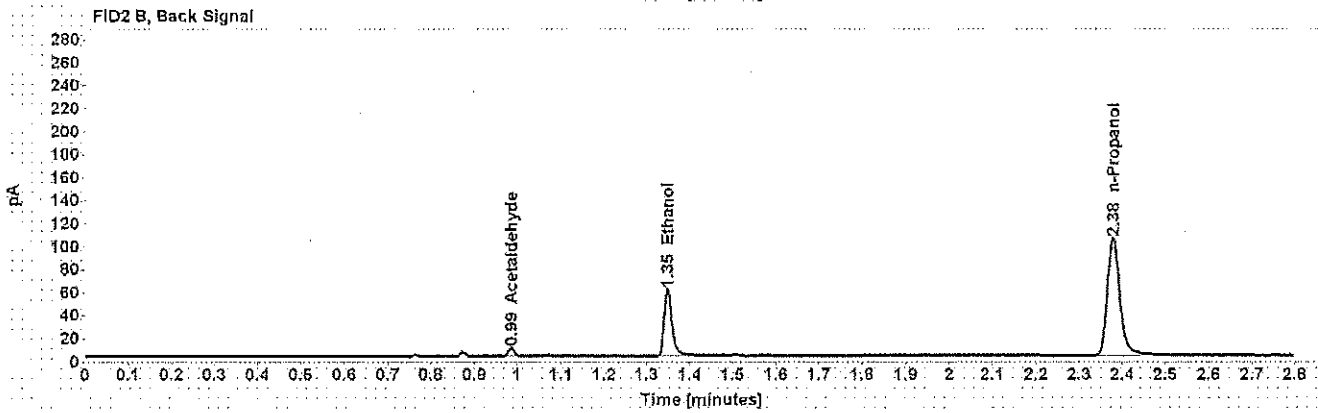
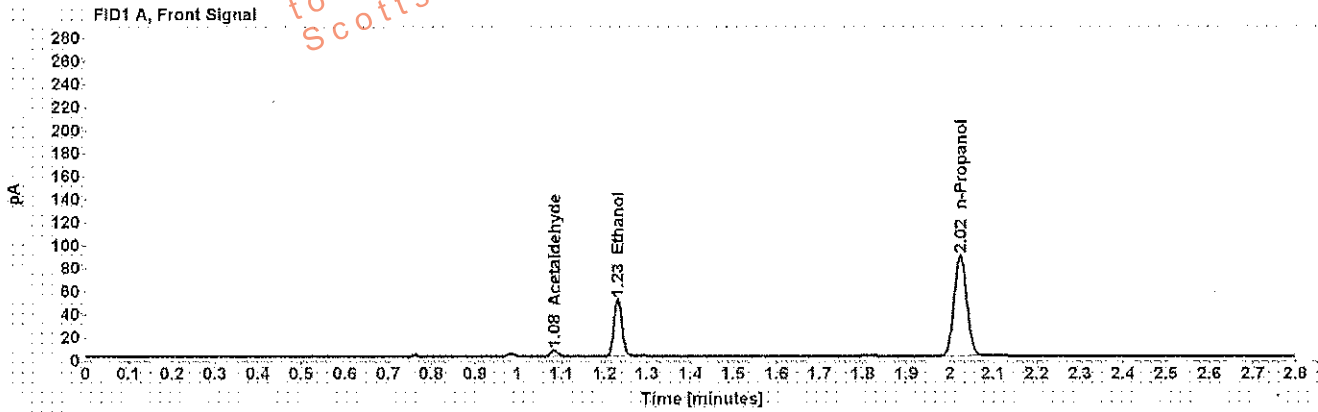


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.375
>Ethanol	0.0925	1.231	64.576
n-Propanol	-----	2.023	179.178

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	6.457
Ethanol	1.348	72.723
n-Propanol	2.379	205.431

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1168033
Injection date: 9/5/2017 3:26:24 PM	Vial: 28
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Sept17\28.D	

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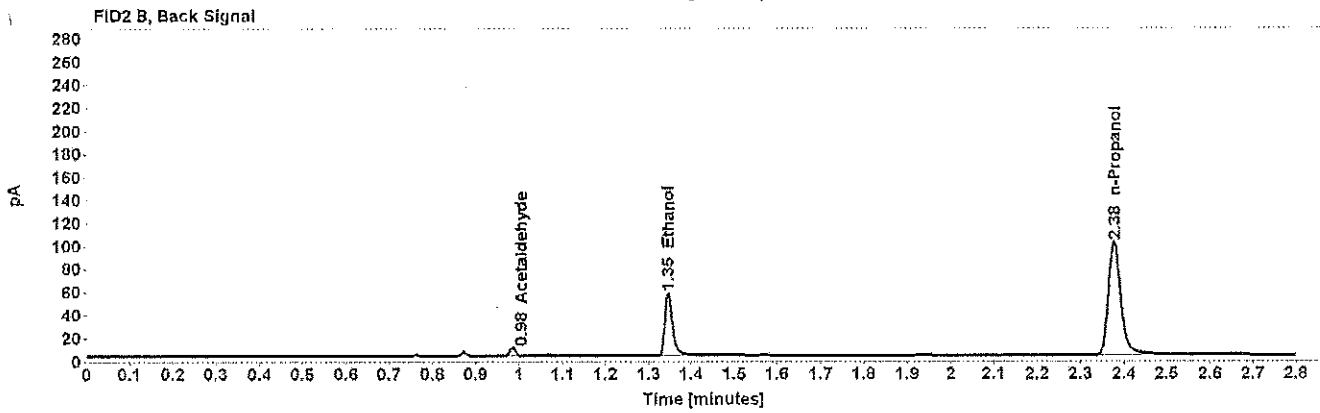
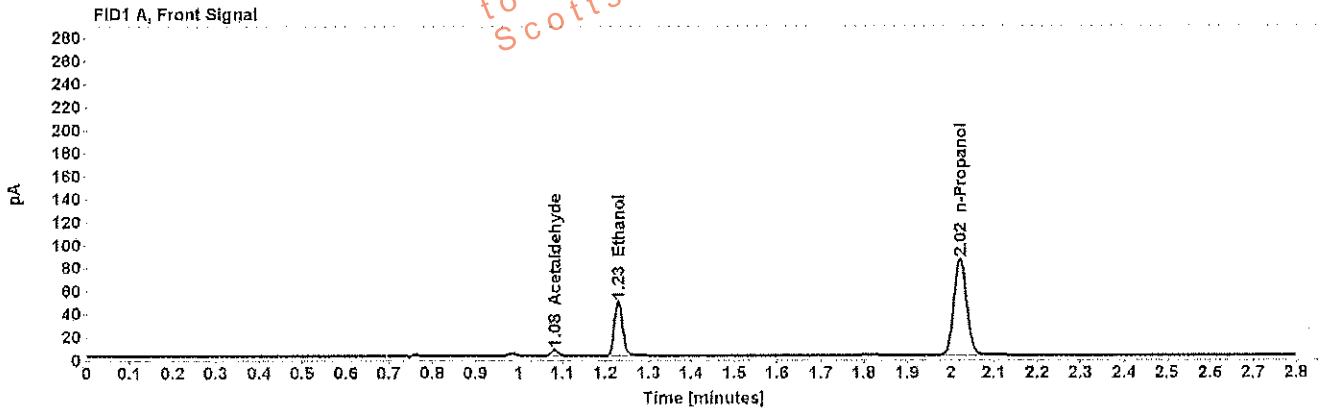


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	5.269
>Ethanol	0.0909	1.229	60.880
n-Propanol	-----	2.022	171.877

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.322
Ethanol	1.346	68.708
n-Propanol	2.377	197.414



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1119044
Injection date: 9/5/2017 3:30:22 PM	Vial: 29
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\5Sept17\29.D	

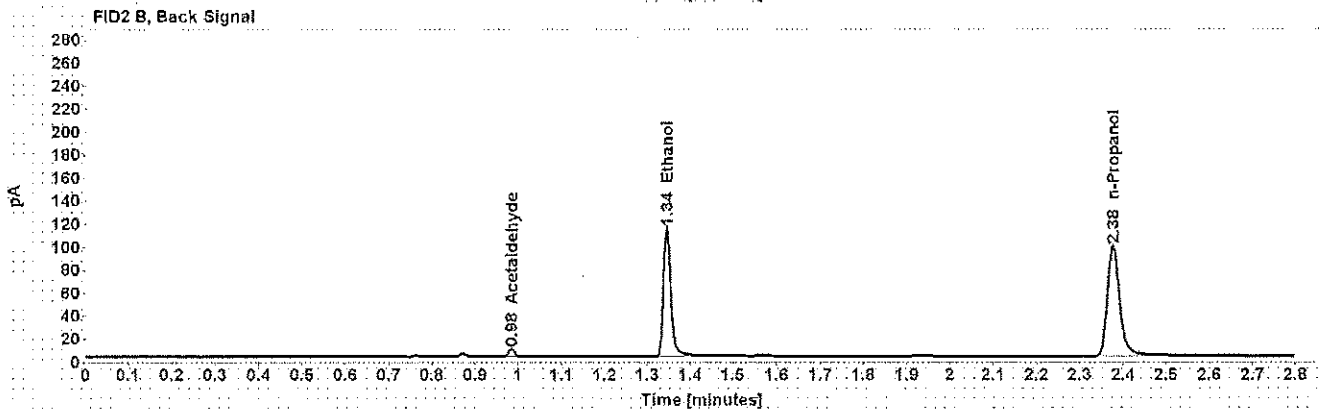
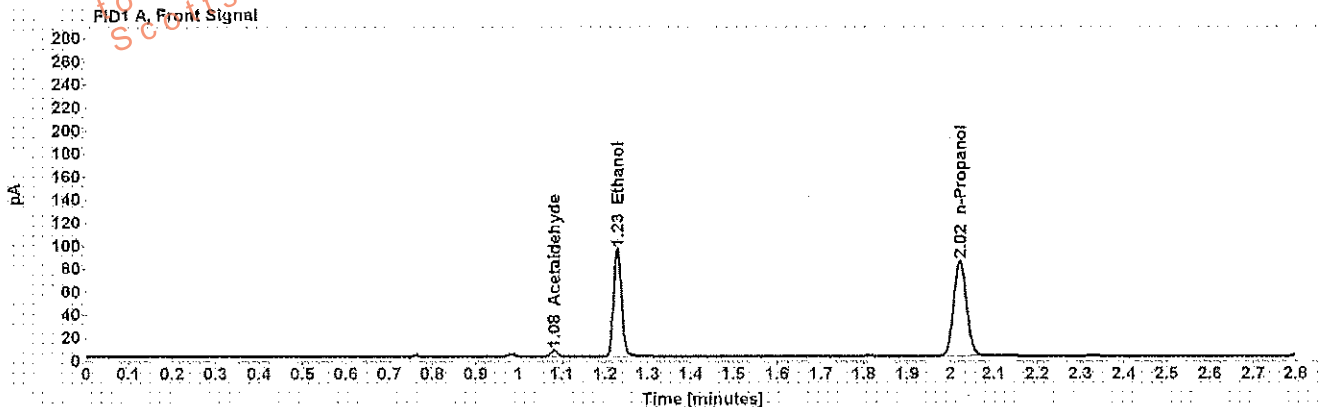


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.142
>Ethanol	0.1829	1.229	120.626
n-Propanol	-----	2.022	169.066

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.159
Ethanol	1.345	138.171
n-Propanol	2.376	193.437

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1119044
Injection date: 9/5/2017 3:34:23 PM	Vial: 30
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 N14160045	Analyst: Adrian
Data file: C:\Chem32110Data\5Sept17\30.D	

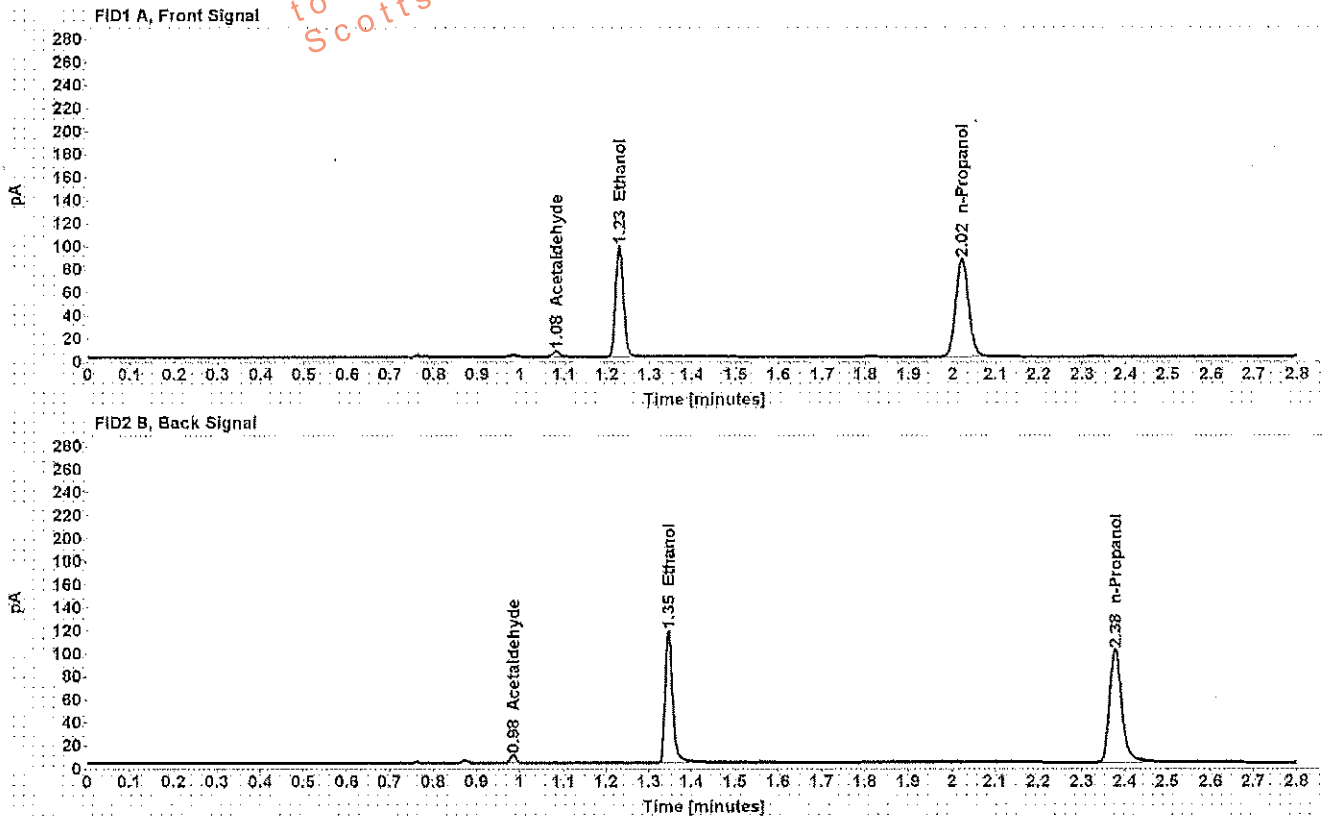


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	5.113
>Ethanol	0.1842	1.229	124.495
n-Propanol	-----	2.022	173.340

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	6.114
Ethanol	1.346	142.478
n-Propanol	2.377	197.837

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1171332
<b>Injection date:</b> 9/5/2017 3:42:37 PM	<b>Vial:</b> 32
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Sept17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\5Sept17\32.D	

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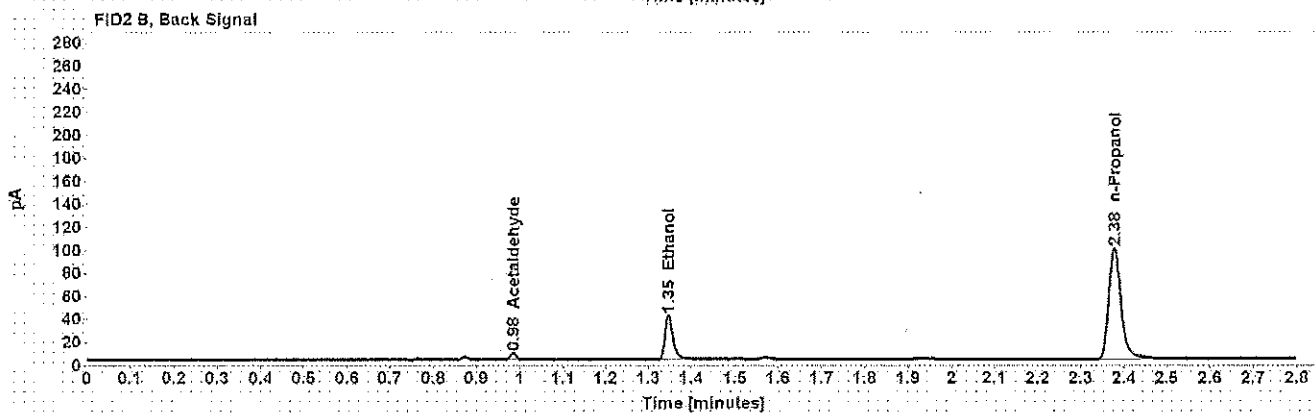
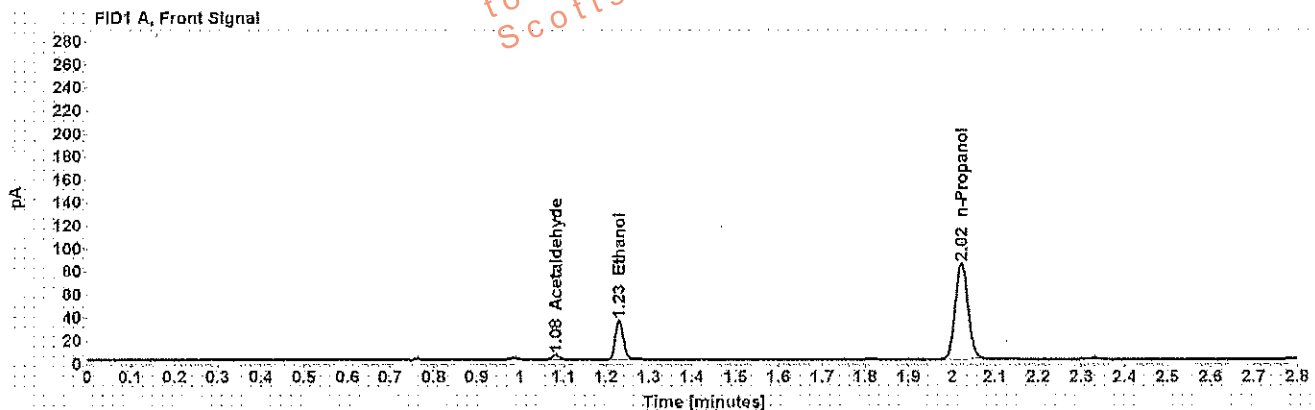


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	4.221
>Ethanol	0.0662	1.230	43.808
n-Propanol	-----	2.022	170.205

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	5.019
Ethanol	1.348	49.044
n-Propanol	2.378	194.281

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1171332
<b>Injection date:</b> 9/5/2017 3:46:37 PM	<b>Vial:</b> 33
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Sept17
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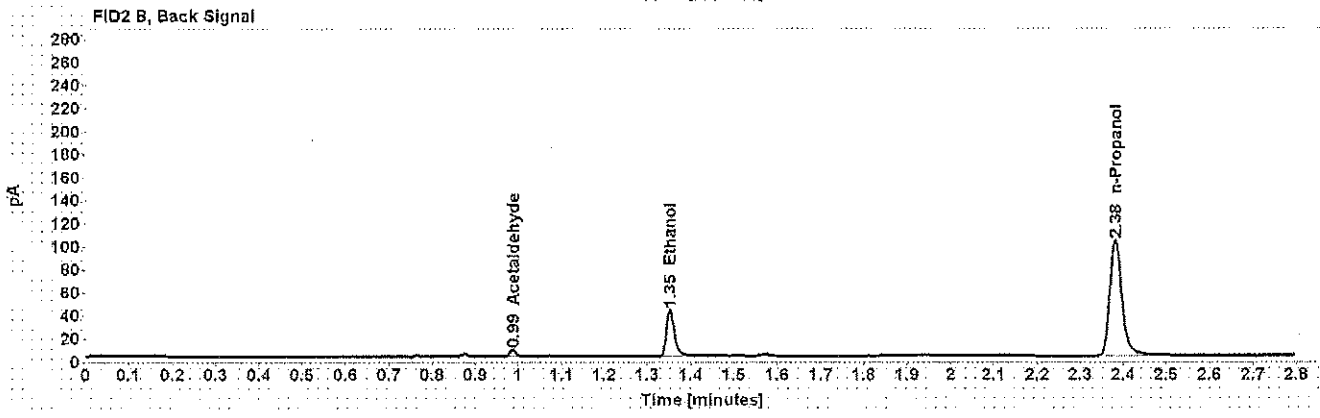
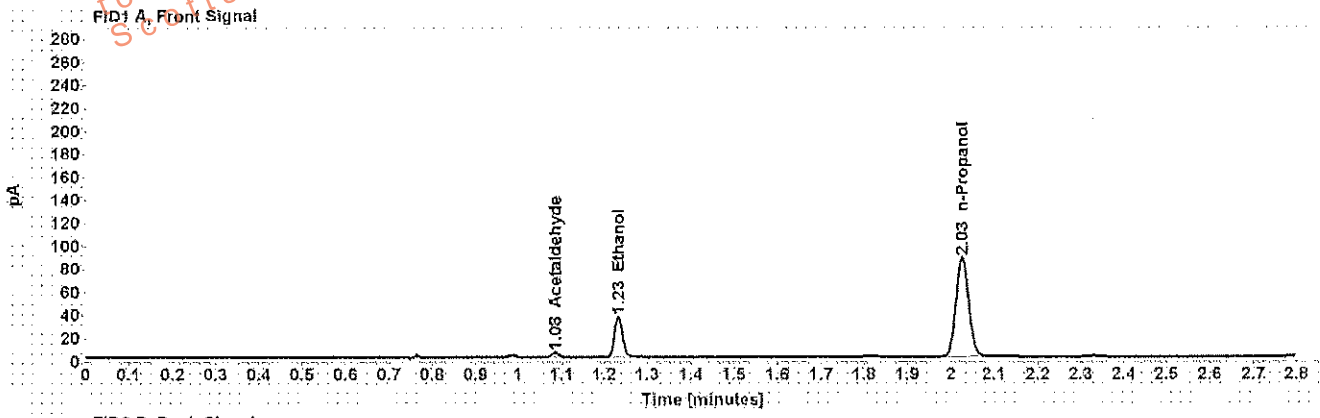


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.084	4.196
>Ethanol	0.0668	1.233	45.605
n-Propanol	-----	2.025	175.561

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	5.051
Ethanol	1.352	51.148
n-Propanol	2.382	201.181

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1171180
Injection date: 9/5/2017 3:50:38 PM	Vial: 34
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Sept17\34.D	

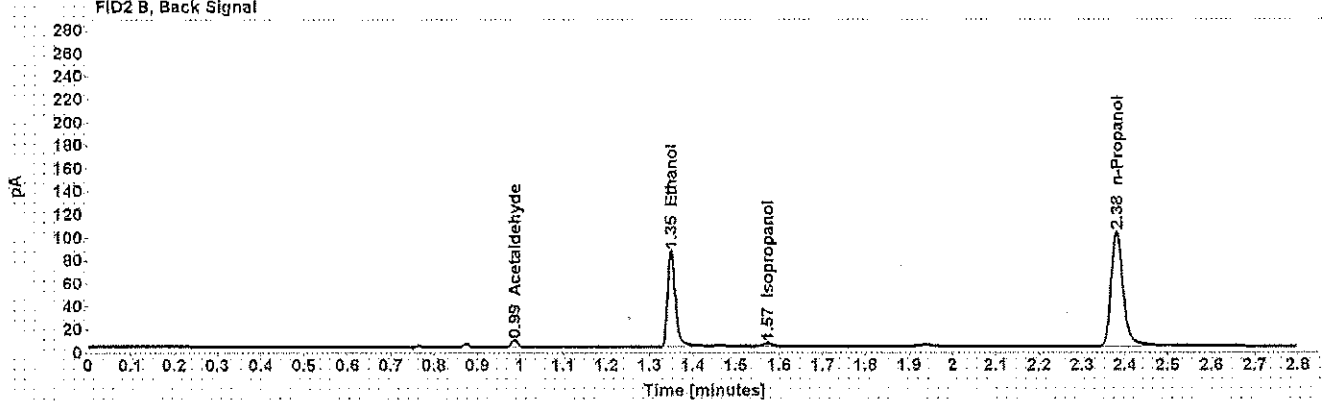
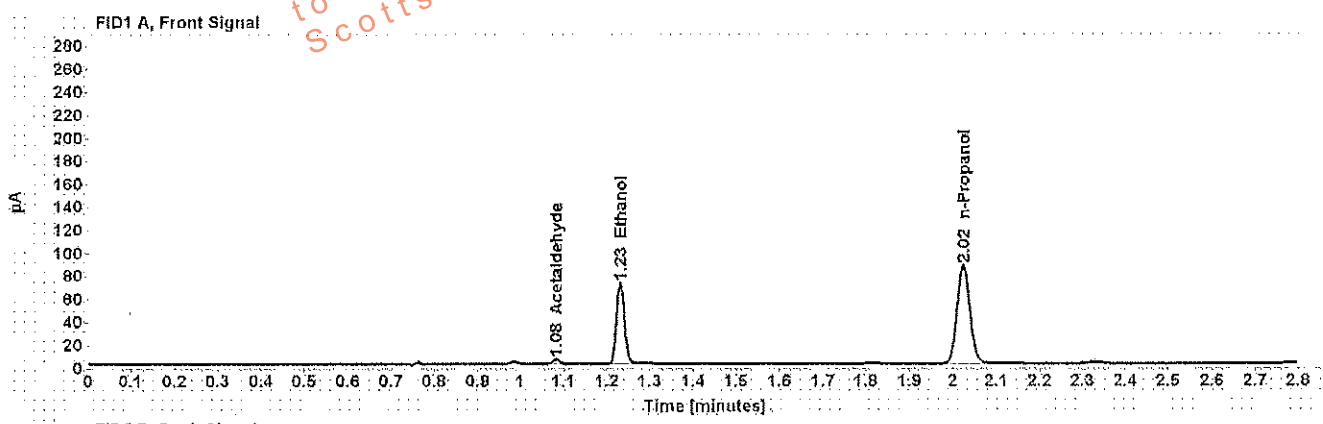


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	4.264
>Ethanol	0.1335	1.232	91.559
n-Propanol	-----	2.024	175.910

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	5.080
Ethanol	1.350	106.423
Isopropanol	1.573	4.144
n-Propanol	2.380	200.995

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1171180
Injection date: 9/5/2017 3:54:38 PM	Vial: 35
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
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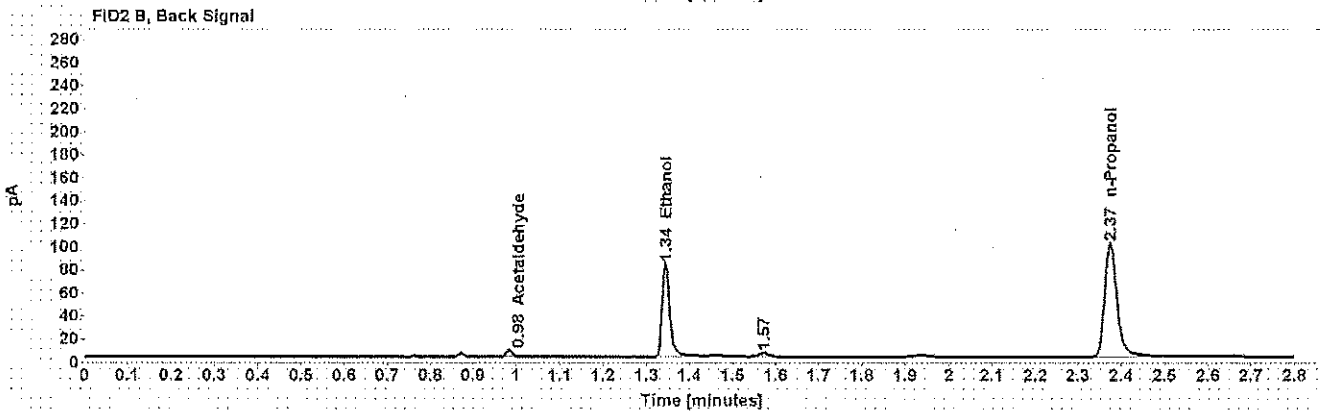
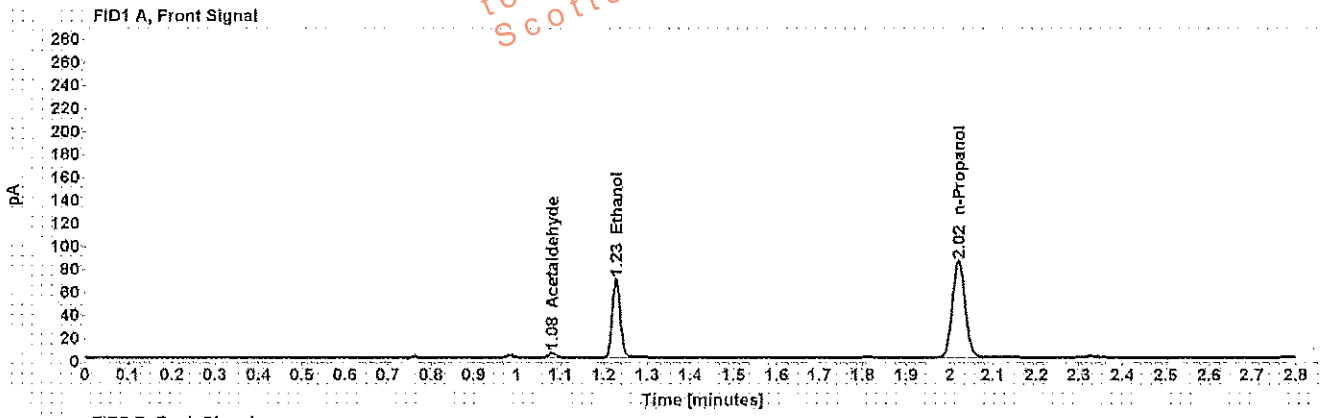


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.256
>Ethanol	0.1309	1.228	88.351
n-Propanol	-----	2.020	173.170

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.142
Ethanol	1.344	102.837
n-Propanol	2.375	198.026

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1138520
<b>Injection date:</b> 9/5/2017 3:58:38 PM	<b>Vial:</b> 36
<b>Method:</b> ethanol.quant.M	<b>Sequence:</b> 5Sept17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
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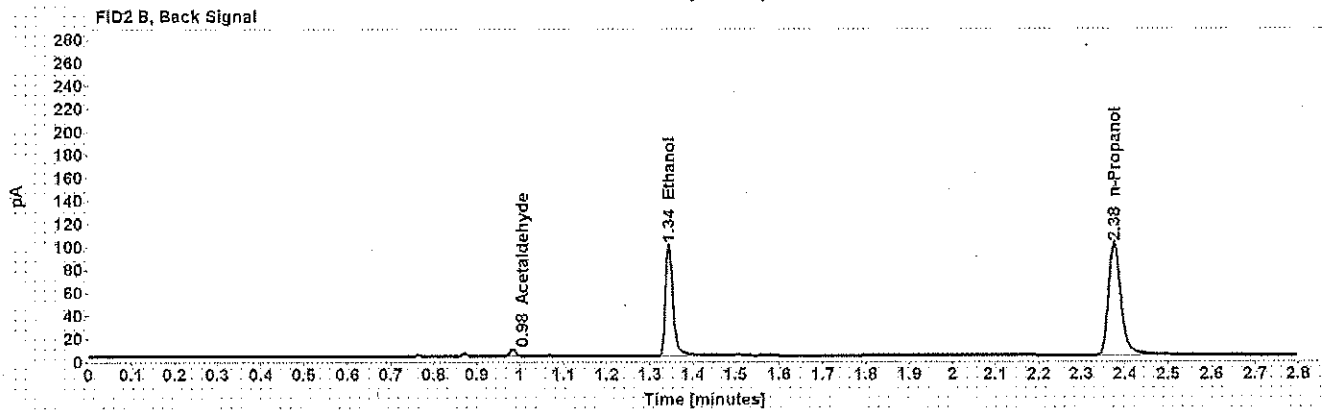
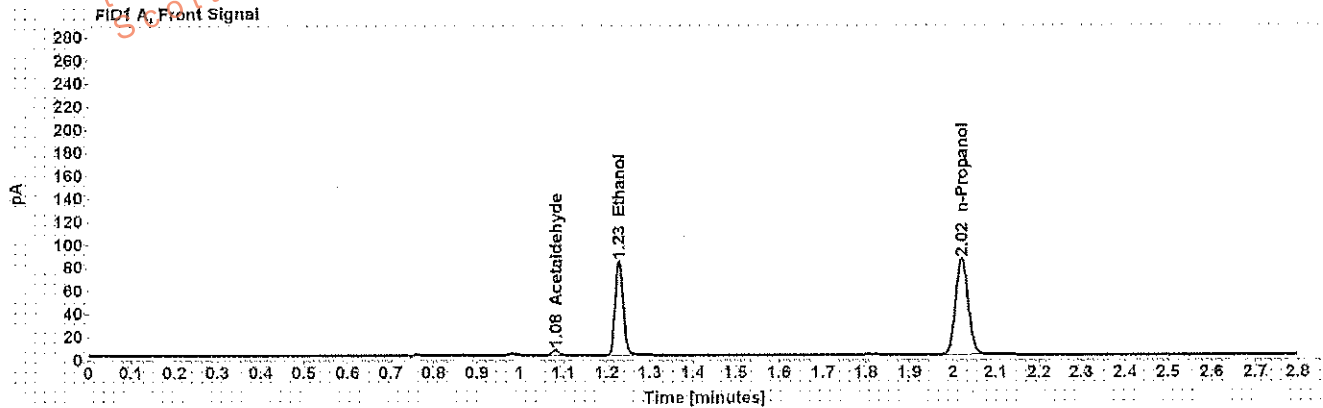


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.617
>Ethanol	0.1579	1.228	105.495
n-Propanol	-----	2.021	171.328

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.565
Ethanol	1.344	120.884
n-Propanol	2.375	196.334

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1138520
<b>Injection date:</b> 9/5/2017 4:02:52 PM	<b>Vial:</b> 37
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Sept17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
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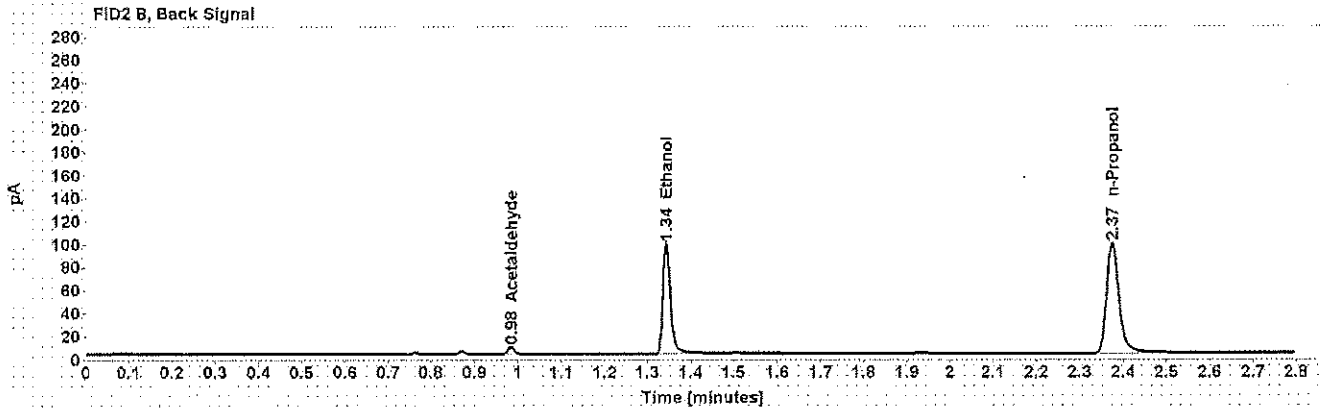
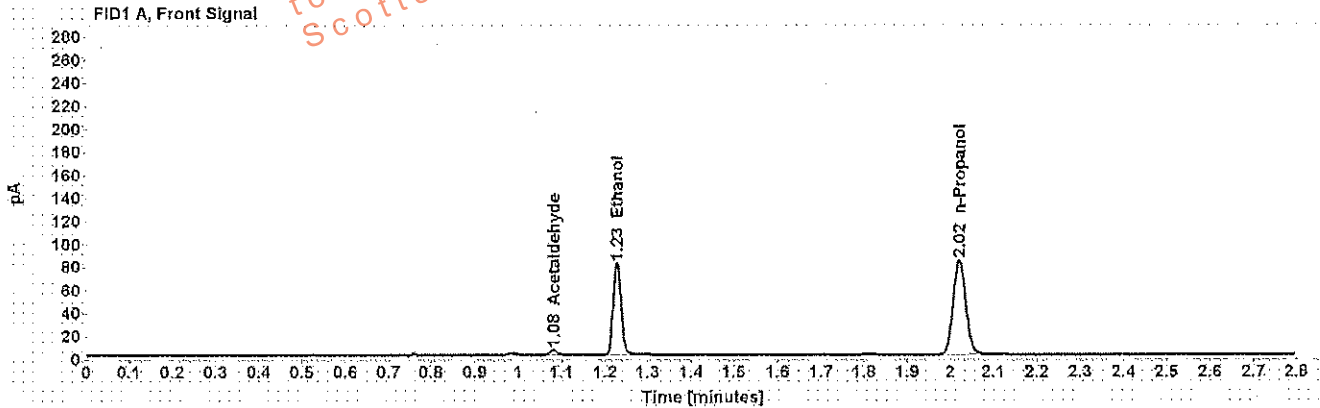


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.589
>Ethanol	0.1577	1.228	103.570
n-Propanol	-----	2.020	168.451

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.524
Ethanol	1.343	118.579
n-Propanol	2.375	193.736



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1163484
Injection date: 9/5/2017 4:06:52 PM	Vial: 38
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Sept17\38.D	

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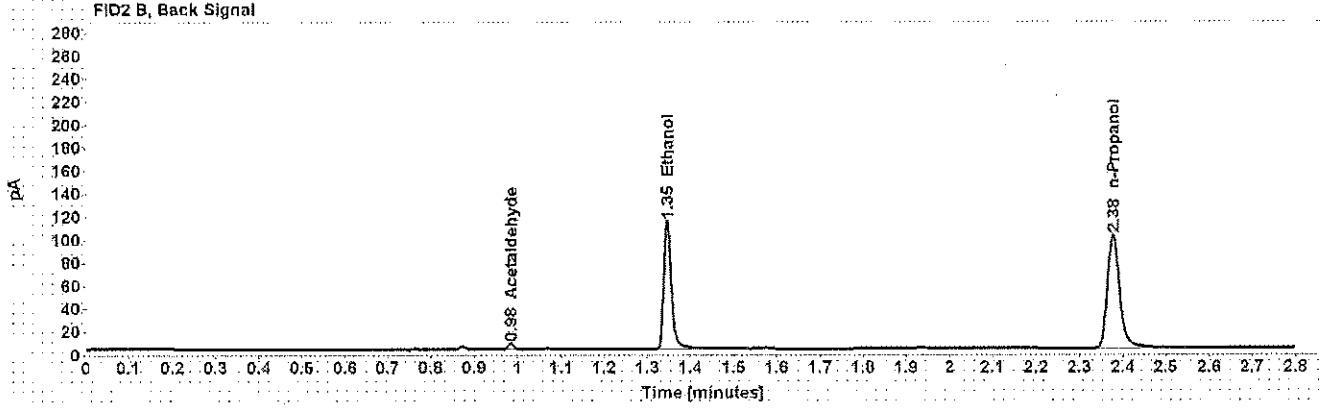
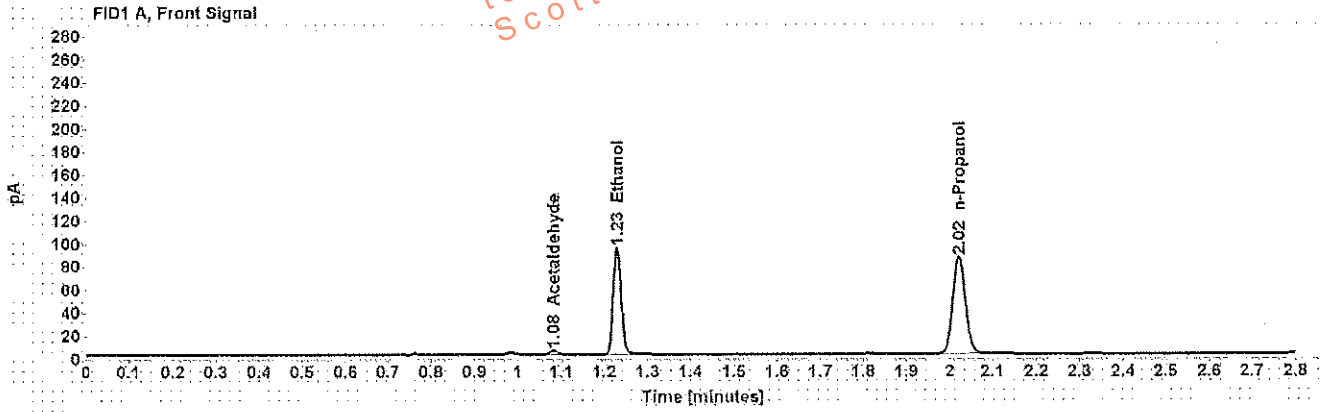


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	3.767
>Ethanol	0.1794	1.229	120.193
n-Propanol	-----	2.022	171.785

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	4.507
Ethanol	1.346	139.758
n-Propanol	2.377	197.652

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1163484
<b>Injection date:</b> 9/5/2017 4:10:53 PM	<b>Vial:</b> 39
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Sept17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
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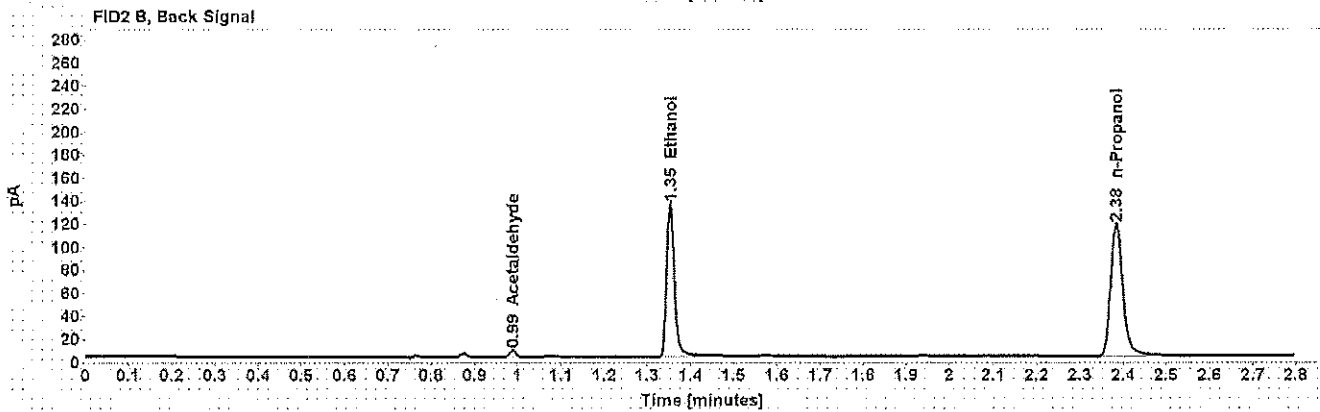
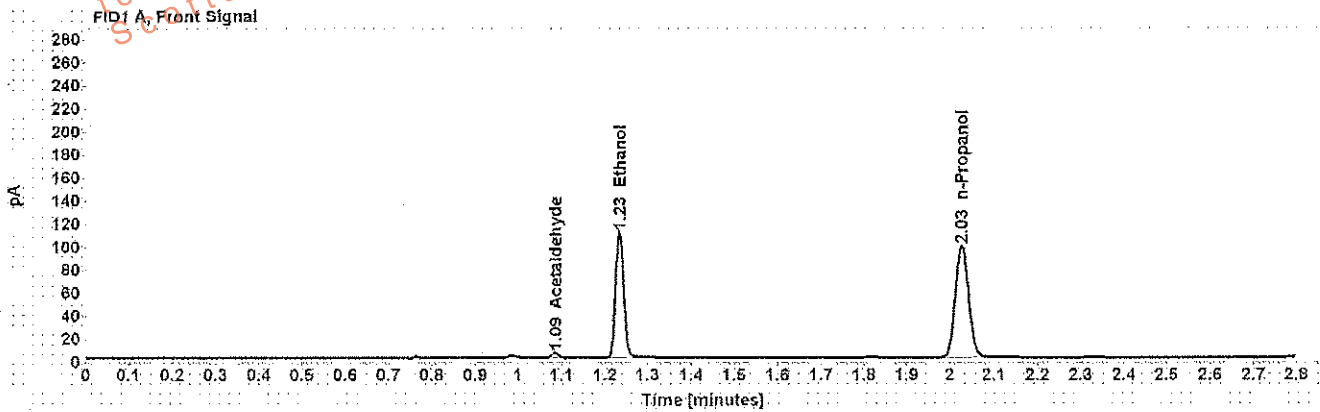


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.085	4.355
>Ethanol	0.1854	1.234	144.049
n-Propanol	-----	2.027	199.175

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	5.230
Ethanol	1.353	168.079
n-Propanol	2.384	230.606

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1169786
Injection date: 9/5/2017 4:14:53 PM	Vial: 40
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1>Data\5Sept17\40.D	

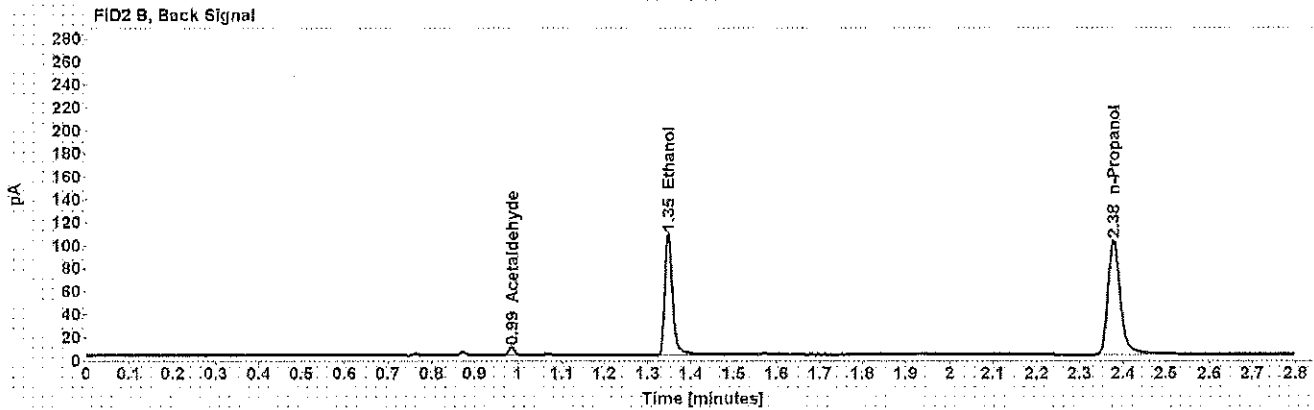
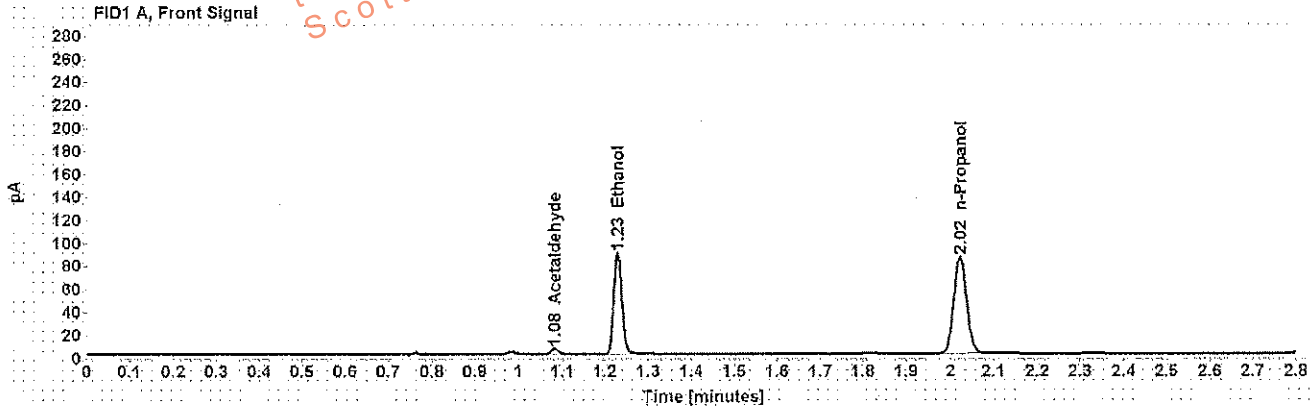


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	4.992
>Ethanol	0.1697	1.230	114.007
n-Propanol	-----	2.023	172.234

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	5.912
Ethanol	1.347	132.737
n-Propanol	2.378	199.068

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1169786
Injection date: 9/5/2017 4:18:52 PM	Vial: 41
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Sept17\41.D	

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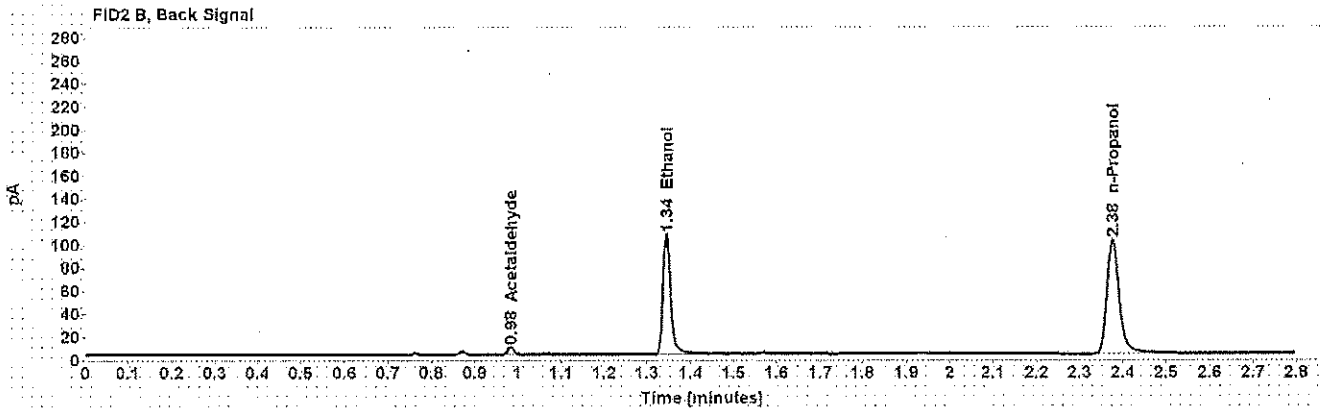
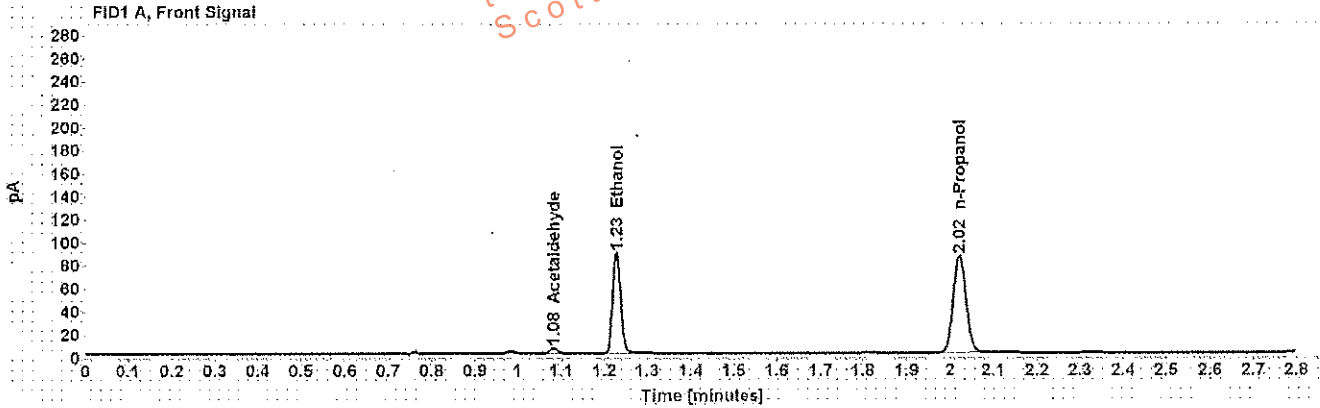


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.971
>Ethanol	0.1677	1.228	112.767
n-Propanol	-----	2.021	172.405

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.954
Ethanol	1.344	131.291
n-Propanol	2.376	198.891

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1169625
Injection date: 9/5/2017 4:27:08 PM	Vial: 43
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\5Sept17\43.D	

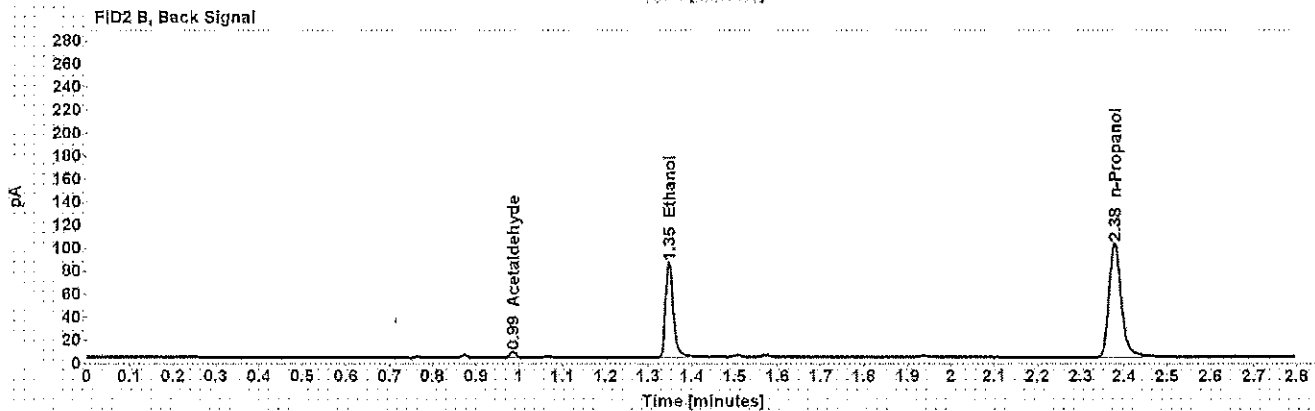
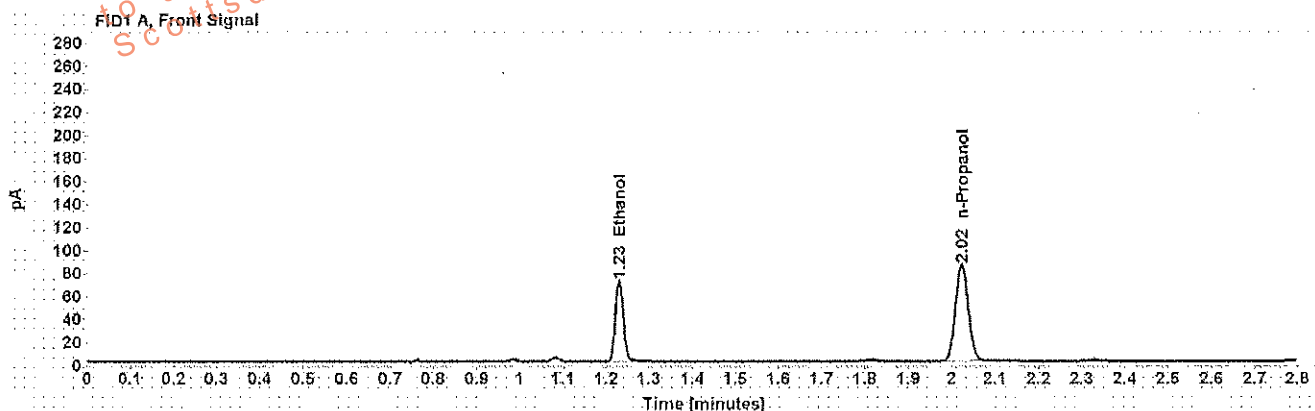


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1350	1.230	90.374
n-Propanol	-----	2.023	171.765

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	4.436
Ethanol	1.347	104.849
n-Propanol	2.378	197.954

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1169625
<b>Injection date:</b> 9/5/2017 4:31:08 PM	<b>Vial:</b> 44
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Sept17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\11\Data\5Sept17\44.D	

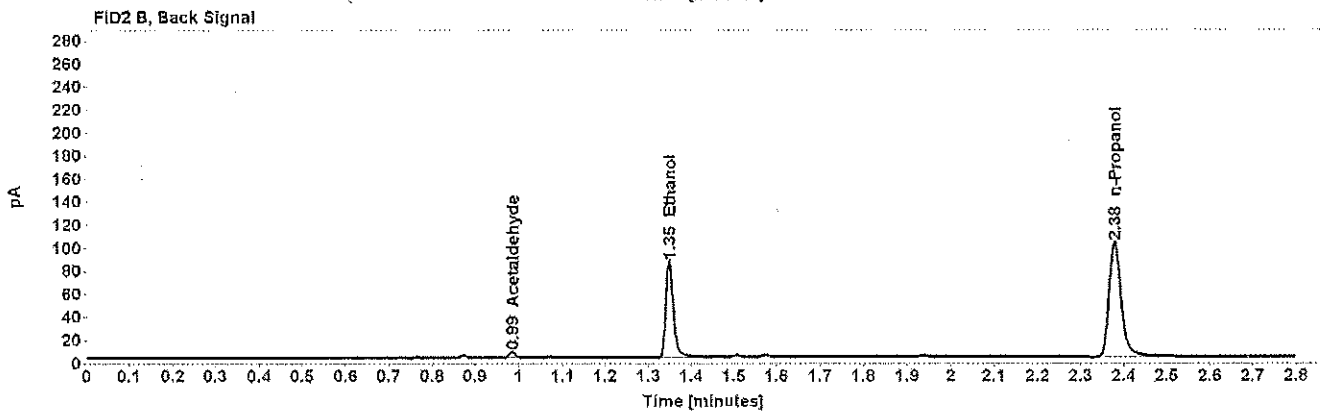
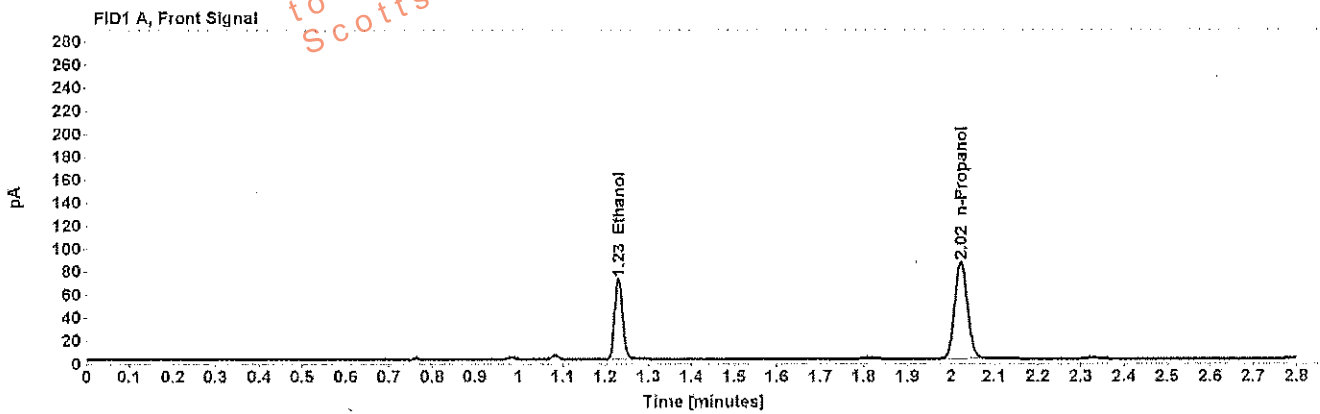


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1354	1.231	90.871
n-Propanol	-----	2.023	172.161

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.484
Ethanol	1.348	105.824
n-Propanol	2.379	198.682

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1171569
Injection date:	9/5/2017 4:35:07 PM	Vial:	45
Method:	ethanol quant.M	Sequence:	5Sept17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\5Sept17\45.D		

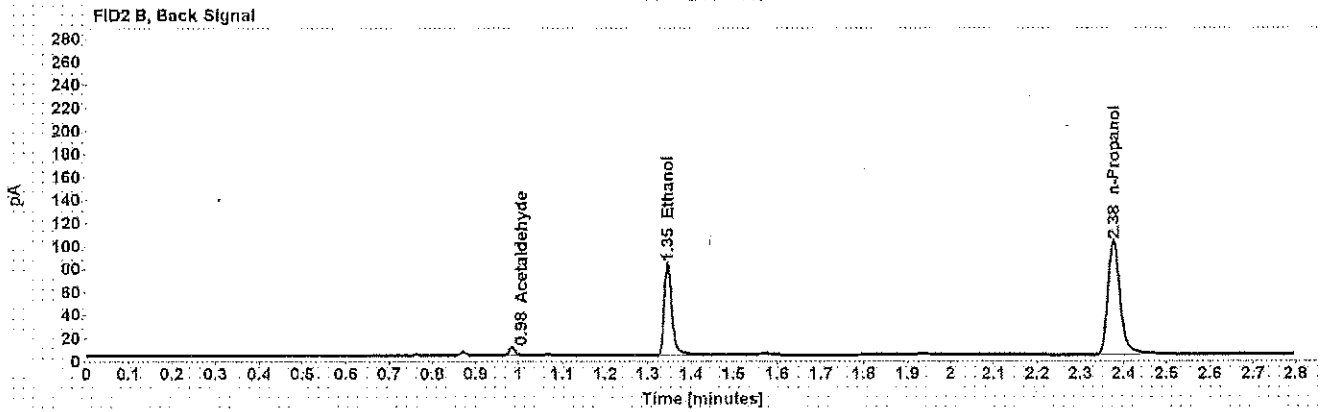
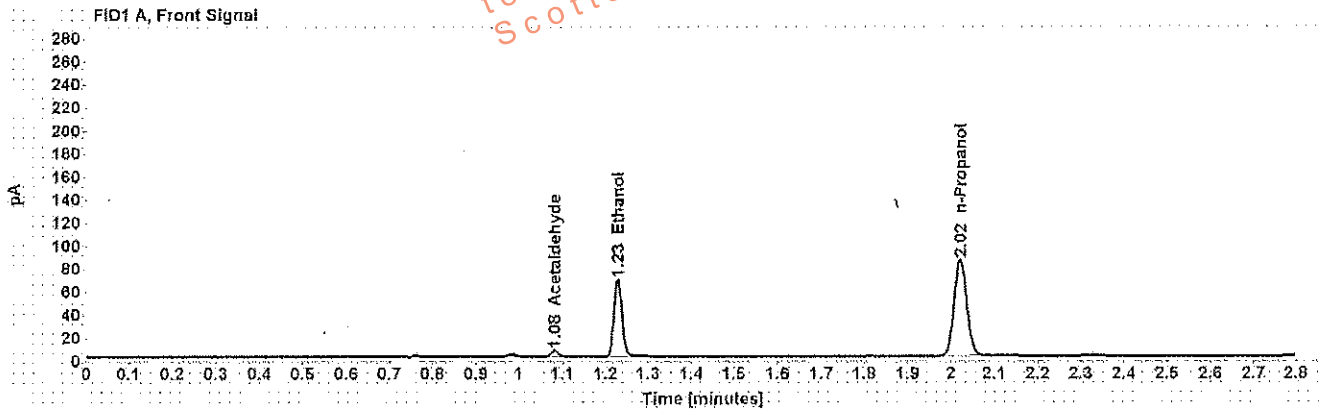


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.176
>Ethanol	0.1298	1.229	86.840
n-Propanol	-----	2.022	171.616

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.211
Ethanol	1.345	101.124
n-Propanol	2.376	198.672

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1171569
<b>Injection date:</b> 9/5/2017 4:39:07 PM	<b>Vial:</b> 46
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Sept17
<b>Instrument:</b> US14173023 CN14180045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem3211\Data\5Sept17\46.D	

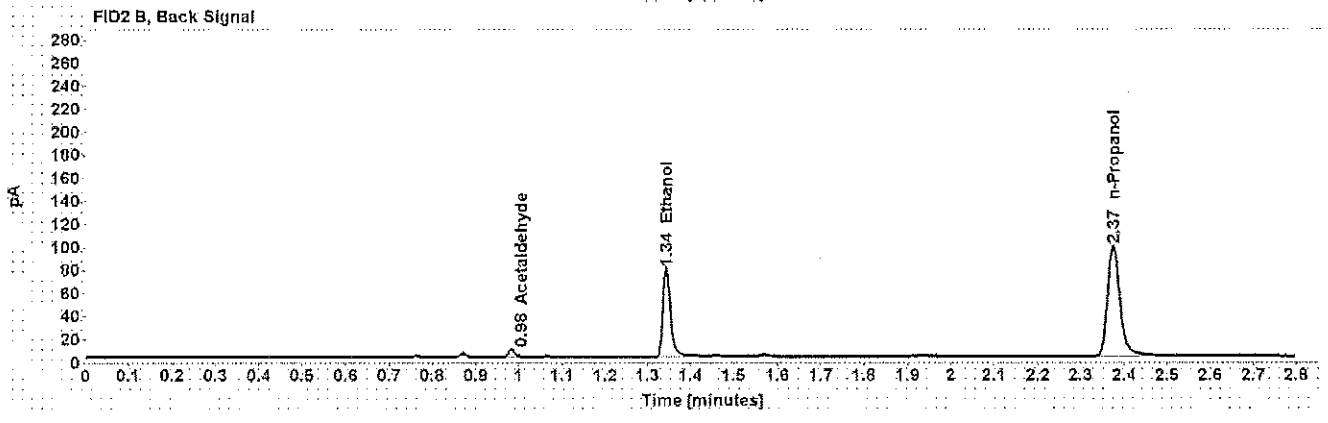
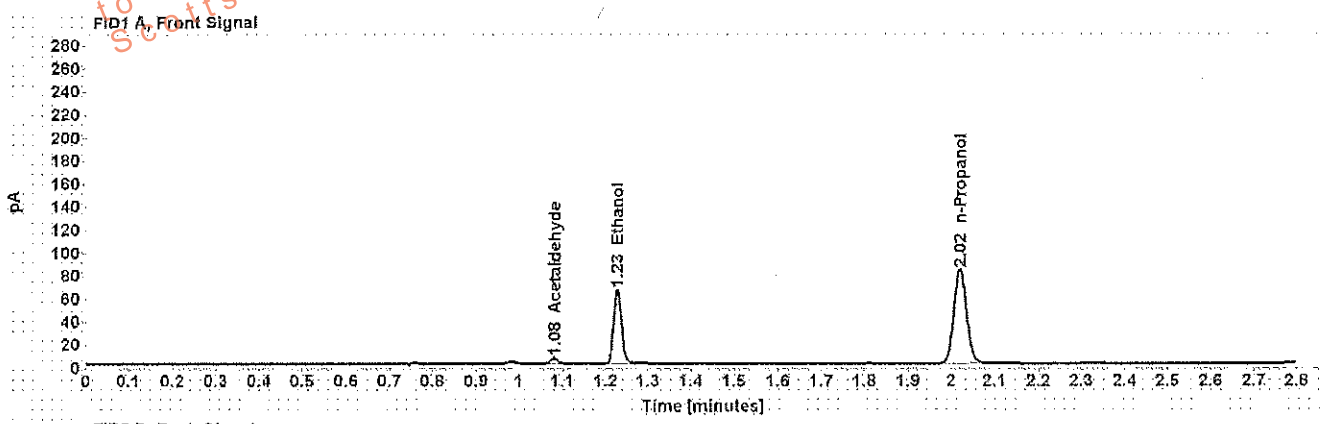


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.107
>Ethanol	0.1278	1.228	83.408
n-Propanol	-----	2.020	167.419

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	6.131
Ethanol	1.344	97.045
n-Propanol	2.375	192.765



## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1170414
<b>Injection date:</b> 9/5/2017 4:43:07 PM	<b>Vial:</b> 47
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Sept17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\5Sept17\47.D	

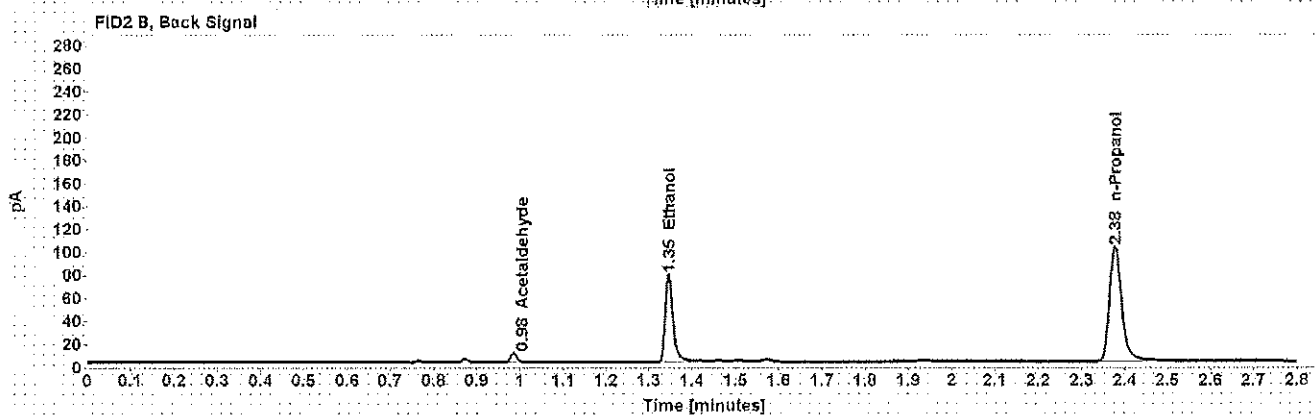
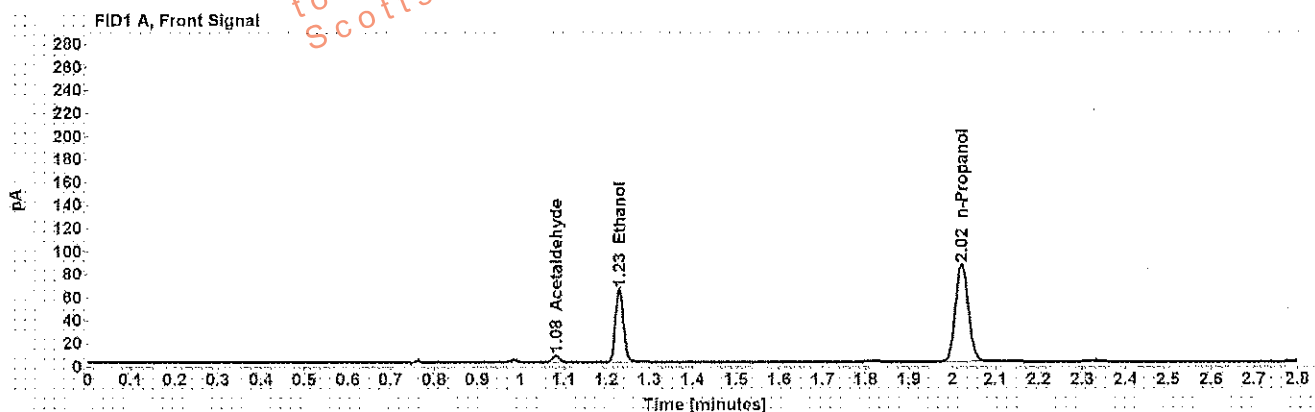


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	5.752
>Ethanol	0.1224	1.230	82.588
n-Propanol	-----	2.022	173.194

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	6.849
Ethanol	1.347	96.040
n-Propanol	2.377	199.175

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1170414
Injection date:	9/5/2017 4:47:09 PM	Vial:	48
Method:	ethanol quant.M	Sequence:	5Sept17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\5Sept17\48.D		

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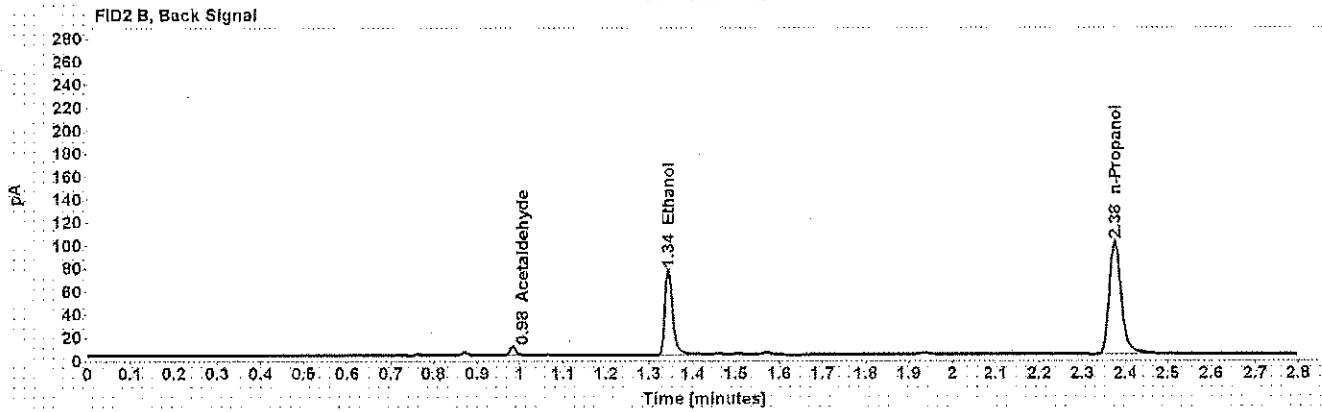
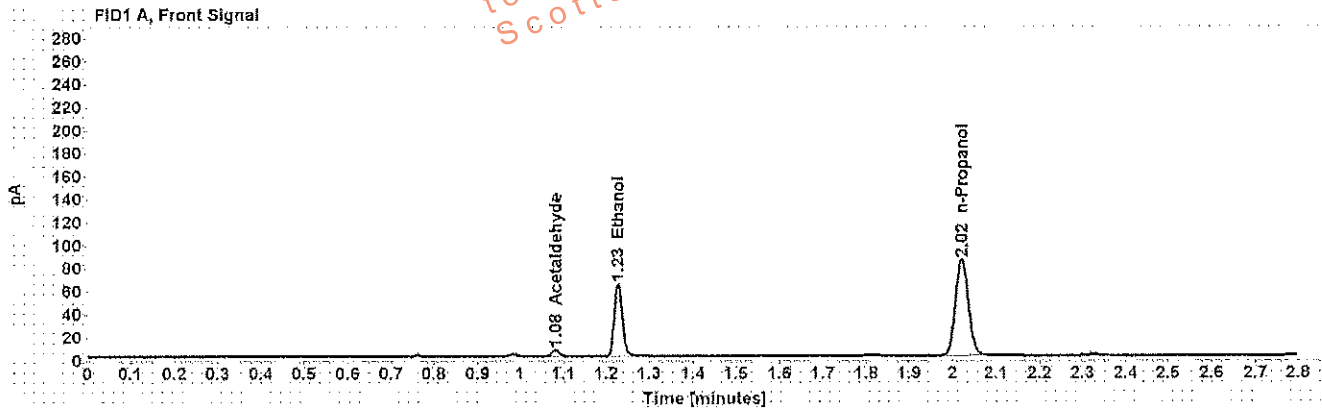


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.758
>Ethanol	0.1217	1.228	80.937
n-Propanol	-----	2.021	170.715

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.918
Ethanol	1.344	93.746
n-Propanol	2.375	196.516

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1171424
Injection date: 9/5/2017 4:51:23 PM	Vial: 49
Method: ethanol.quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Sept17\49.D	

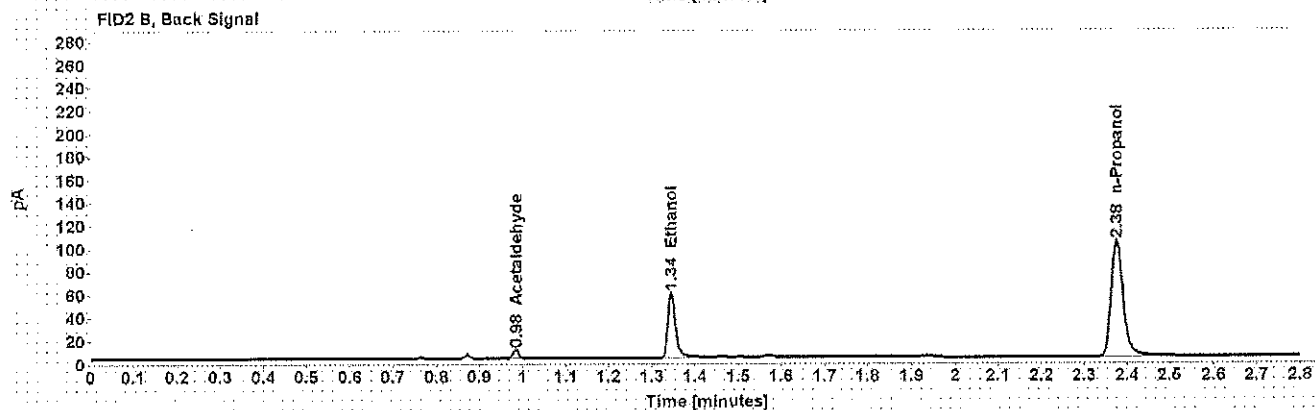
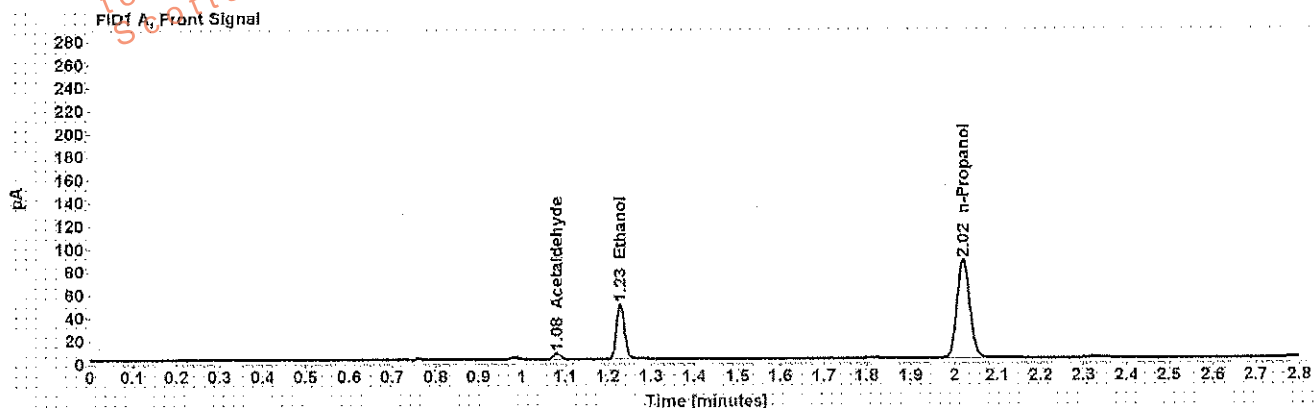


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.421
>Ethanol	0.0904	1.228	61.949
n-Propanol	-----	2.021	175.998

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.539
Ethanol	1.345	71.750
n-Propanol	2.375	201.081

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1171424
<b>Injection date:</b> 9/5/2017 4:55:23 PM	<b>Vial:</b> 50
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Sept17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\5Sept17\50.D	

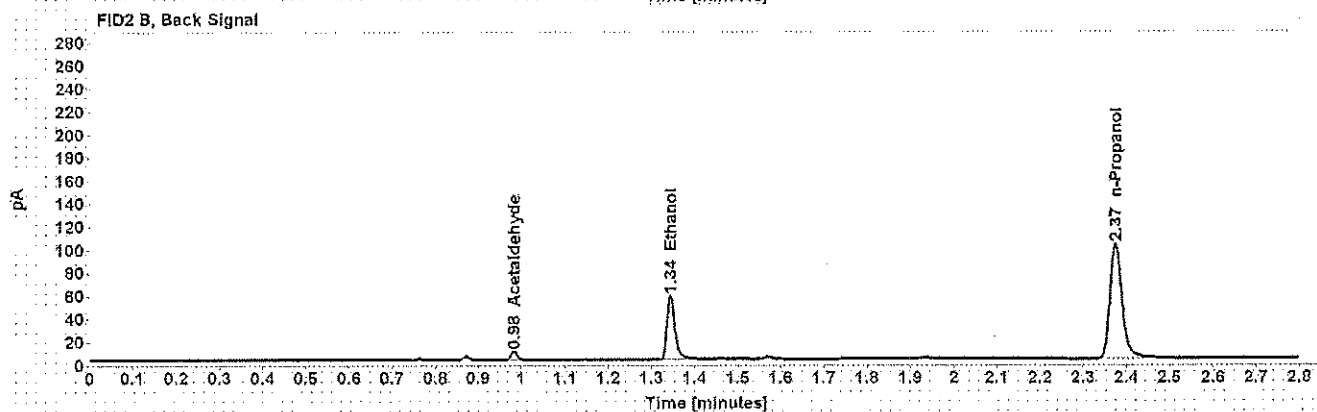
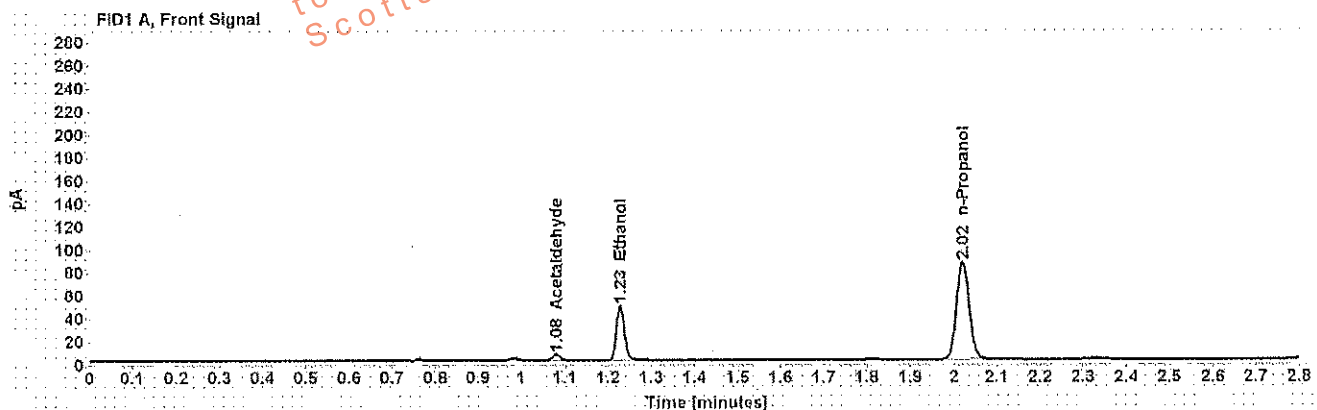


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.431
>Ethanol	0.0910	1.228	61.485
n-Propanol	-----	2.021	173.404

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	6.522
Ethanol	1.344	69.689
n-Propanol	2.375	199.428

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 323-01A
Injection date: 9/5/2017 4:59:24 PM	Vial: 51
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Sept17\51.D	

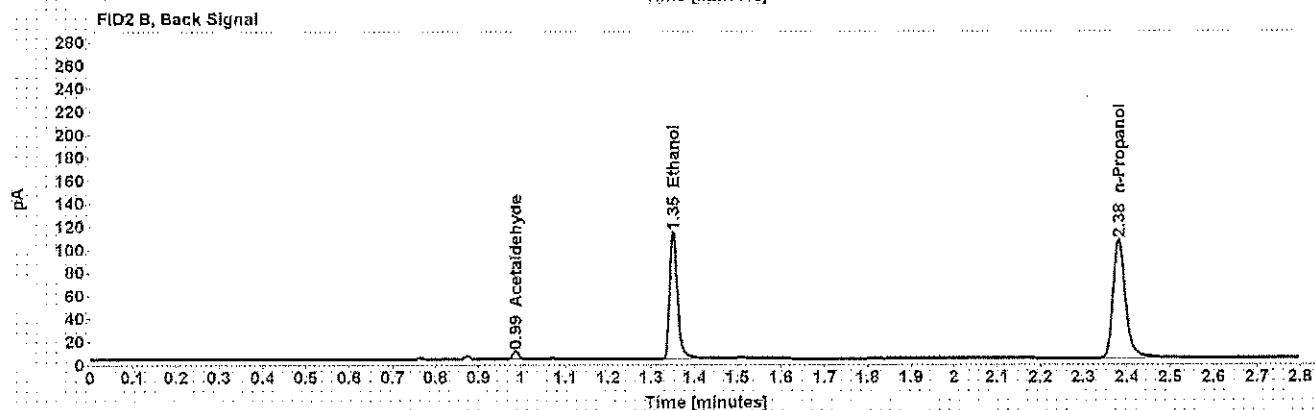
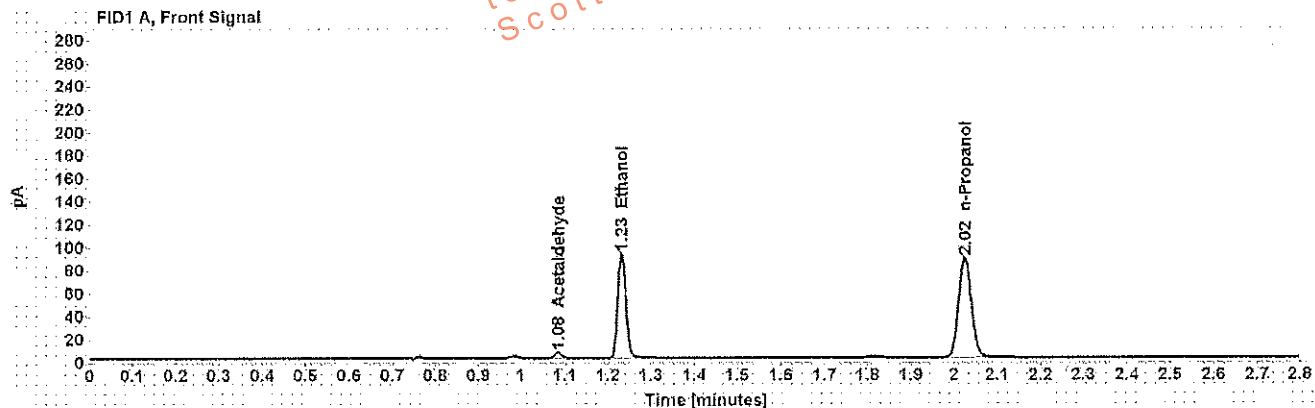


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.084	5.155
>Ethanol	0.1711	1.232	119.240
n-Propanol	-----	2.025	178.758

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	6.221
Ethanol	1.351	137.481
n-Propanol	2.381	205.553

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	323-01A
Injection date:	9/5/2017 5:03:22 PM	Vial:	52
Method:	ethanol quant.M	Sequence:	5Sept17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\5Sept17\52.D		

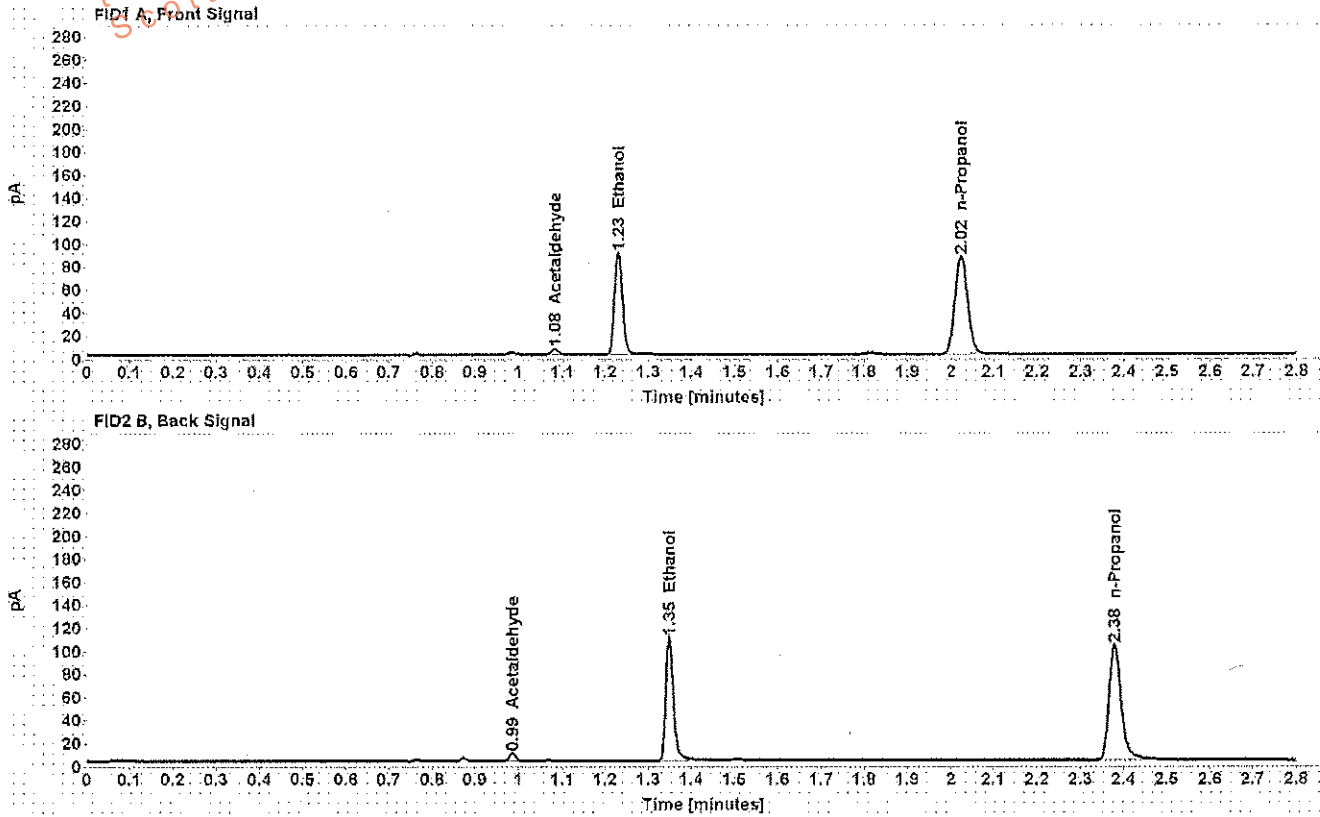


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.040
>Ethanol	0.1695	1.231	115.409
n-Propanol	-----	2.024	174.565

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	6.092
Ethanol	1.349	132.989
n-Propanol	2.380	200.973

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	312-01A
Injection date:	9/5/2017 5:11:22 PM	Vial:	54
Method:	ethanol quant.M	Sequence:	5Sept17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\5Sept17\54.D		

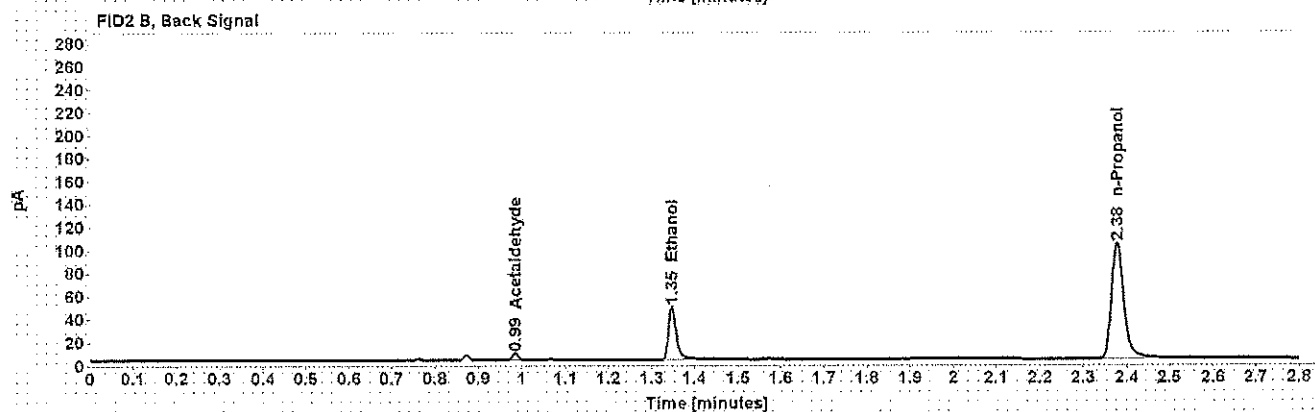
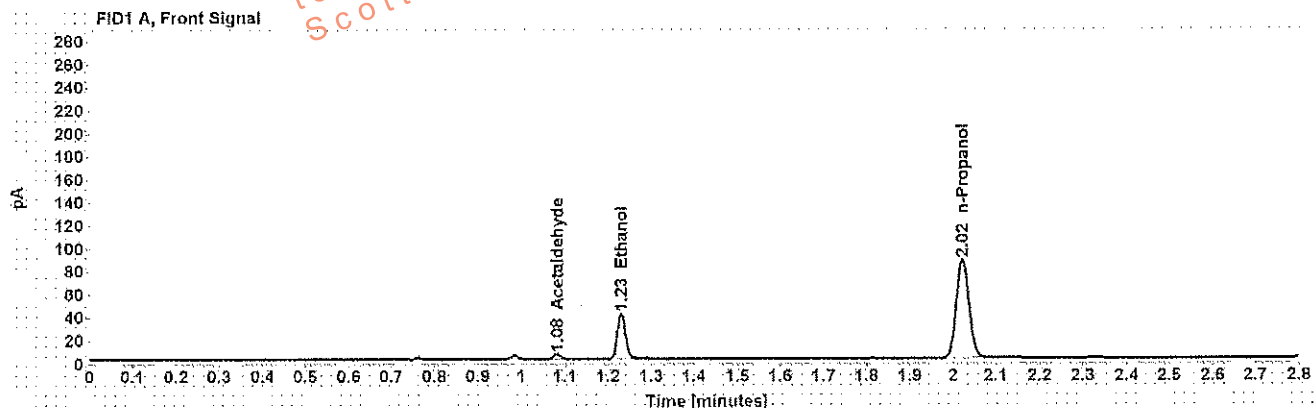


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	4.175
>Ethanol	0.0748	1.230	51.013
n-Propanol	-----	2.022	175.250

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	4.994
Ethanol	1.347	57.733
n-Propanol	2.378	201.614

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	312-01A
Injection date:	9/5/2017 5:15:40 PM	Vial:	55
Method:	ethanol quant.M	Sequence:	5Sept17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\5Sept17\55.D		

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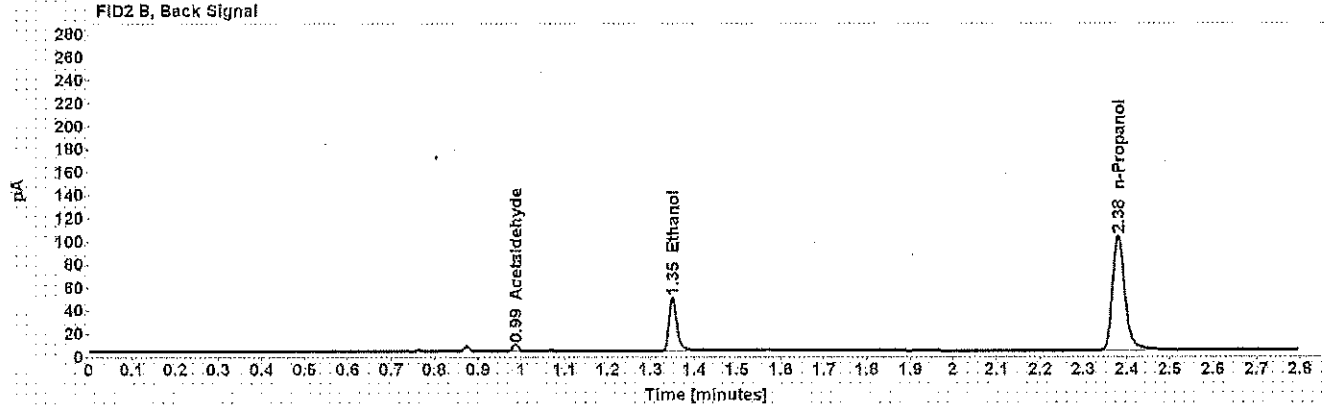
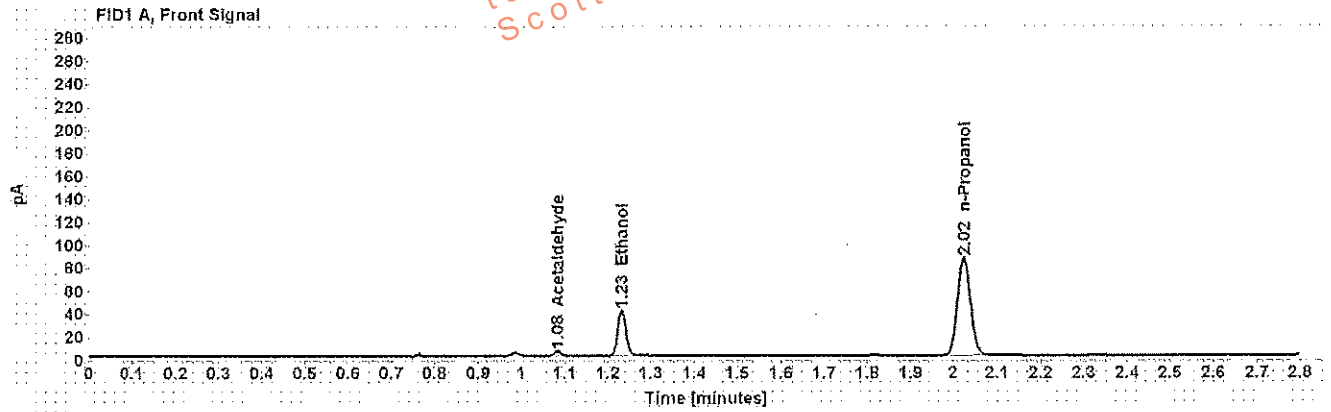


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	4.141
>Ethanol	0.0761	1.232	51.453
n-Propanol	-----	2.024	173.767

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	5.022
Ethanol	1.350	58.047
n-Propanol	2.380	199.586



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1167876
Injection date: 9/5/2017 5:19:38 PM	Vial: 56
Method: ethanol.quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
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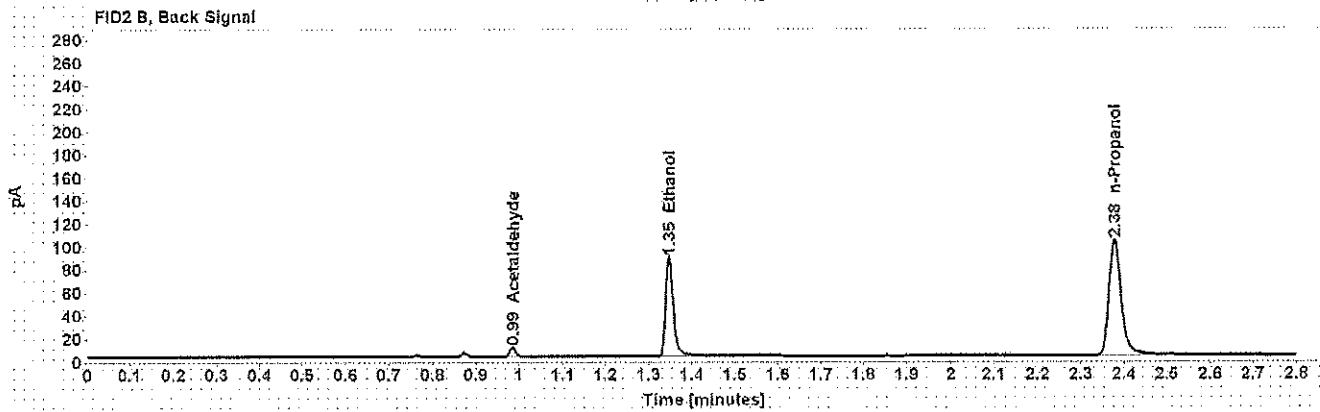
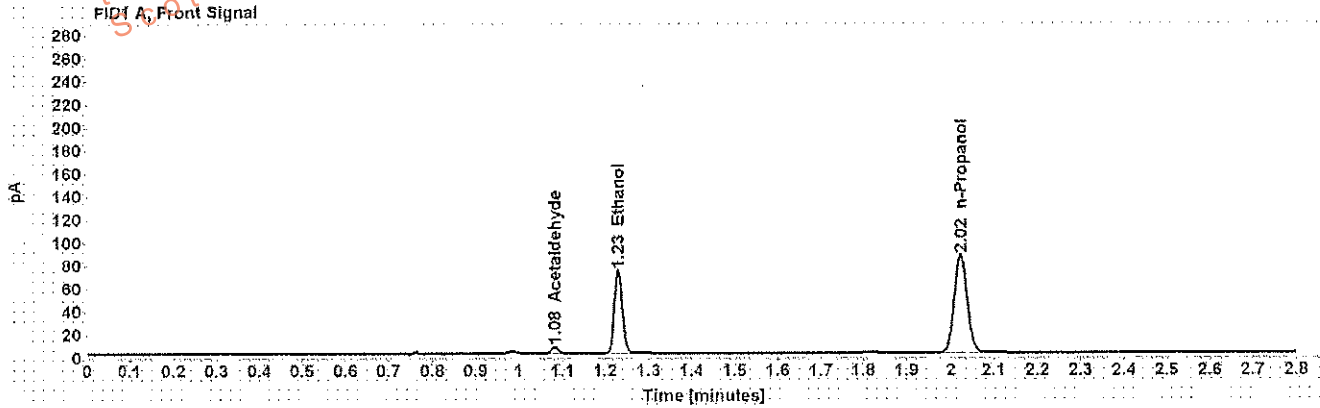


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	5.848
>Ethanol	0.1372	1.230	93.261
n-Propanol	-----	2.023	174.357

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	6.974
Ethanol	1.347	106.878
n-Propanol	2.378	199.595

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1167876
Injection date:	9/5/2017 5:23:38 PM	Vial:	57
Method:	ethanol quant.M	Sequence:	5Sept17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\5Sept17\57.D		

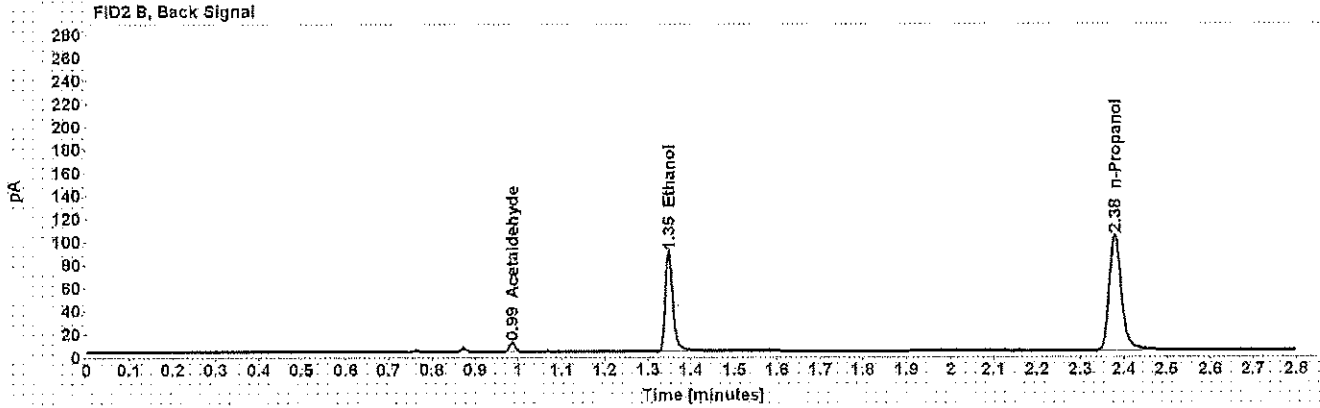
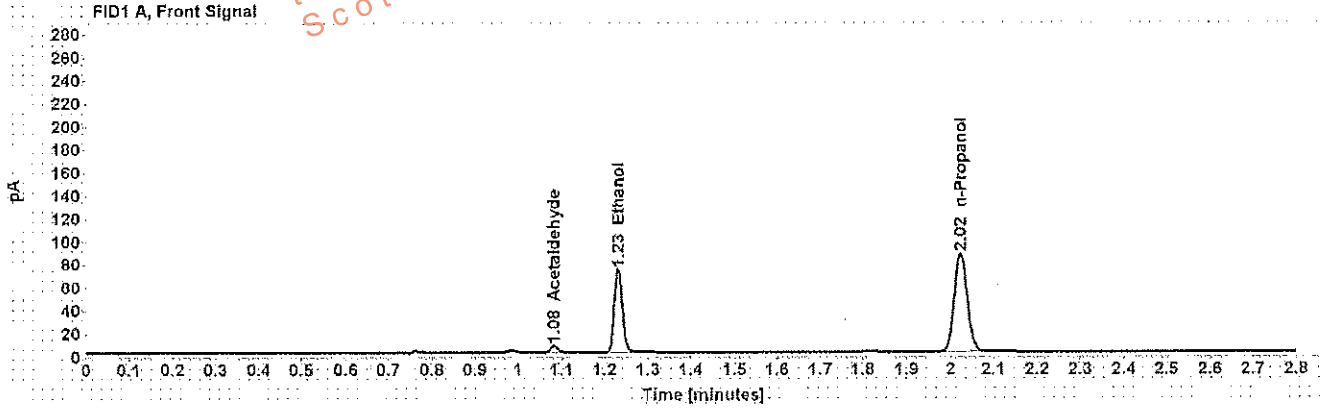


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.999
>Ethanol	0.1375	1.231	94.005
n-Propanol	-----	2.024	175.393

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	7.150
Ethanol	1.348	107.951
n-Propanol	2.379	200.760

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1168918
Injection date: 9/5/2017 5:27:38 PM	Vial: 58
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\5Sept17\58.D	

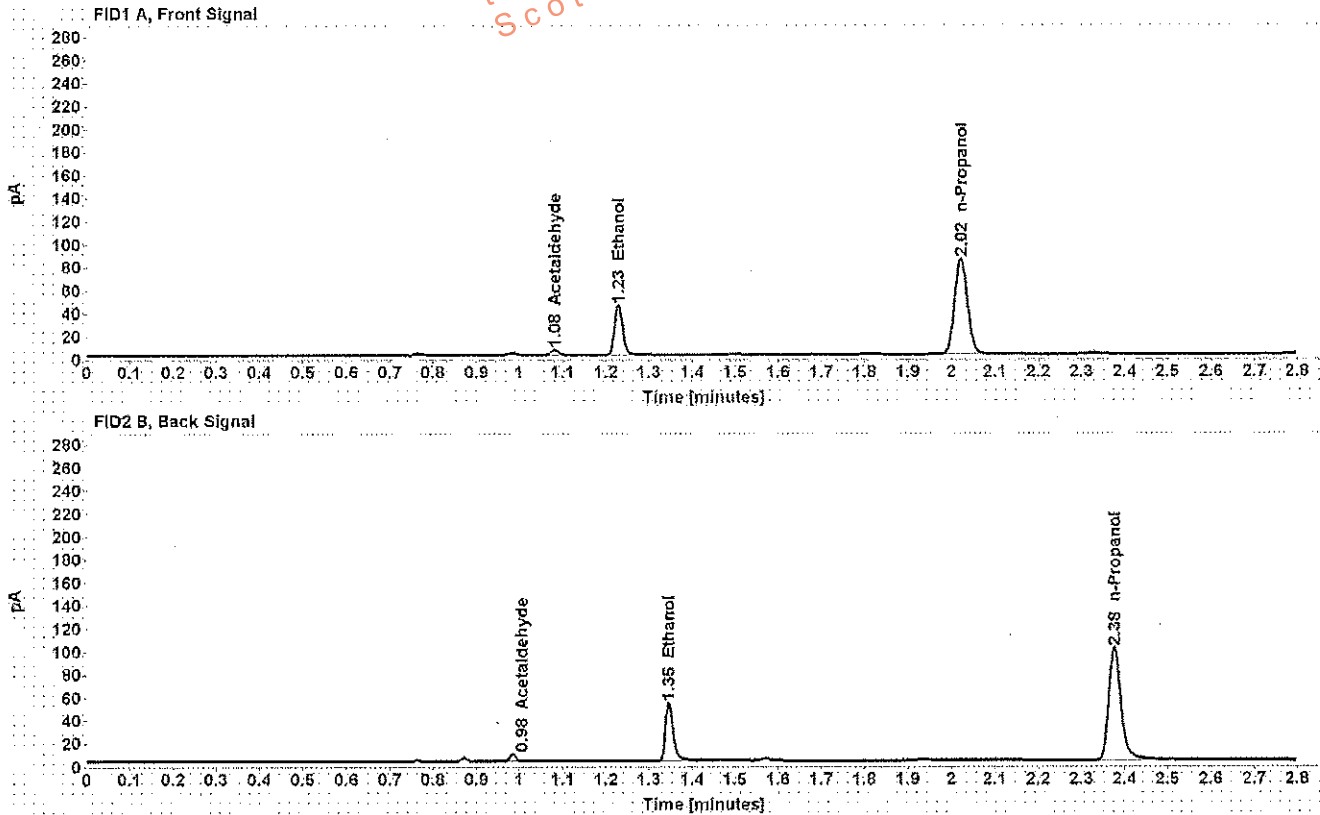


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.839
>Ethanol	0.0846	1.229	56.023
n-Propanol	-----	2.021	170.043

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.802
Ethanol	1.346	63.346
n-Propanol	2.376	195.531

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1168918
<b>Injection date:</b> 9/5/2017 5:31:37 PM	<b>Vial:</b> 59
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Sept17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
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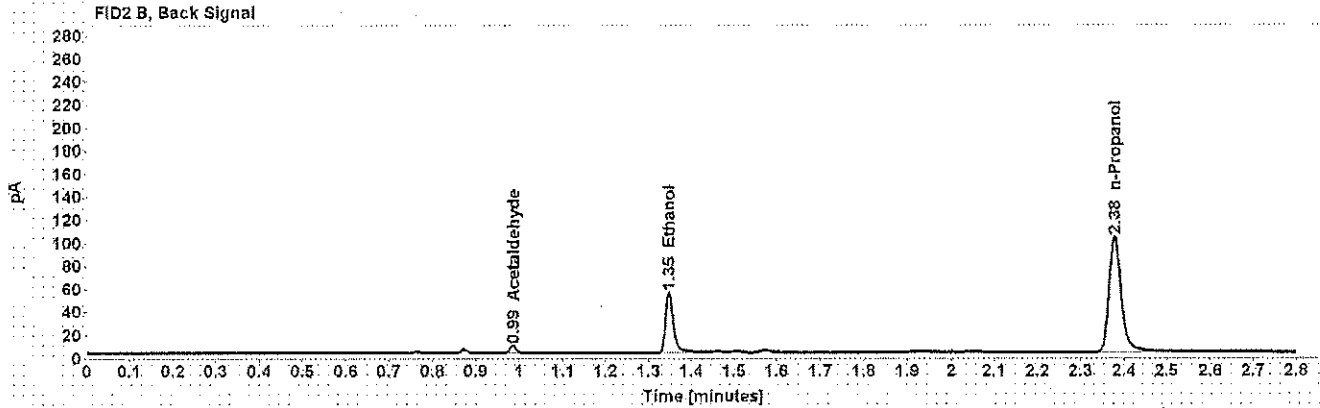
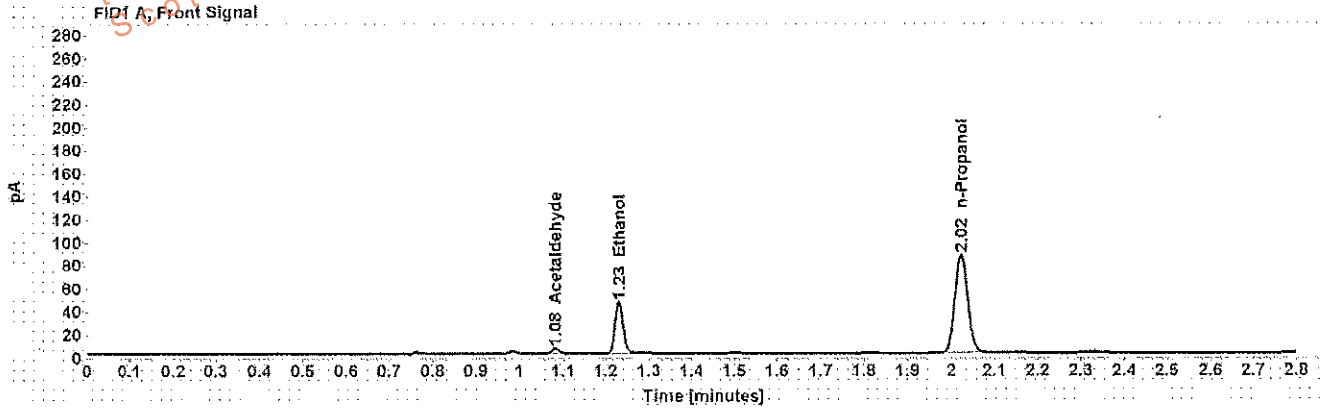


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	4.858
>Ethanol	0.0854	1.230	57.835
n-Propanol	-----	2.023	174.009

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	5.804
Ethanol	1.348	66.944
n-Propanol	2.378	199.832

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1168055
Injection date:	9/5/2017 5:35:38 PM	Vial:	60
Method:	ethanol quant.M	Sequence:	5Sept17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11>Data\5Sept17\60.D		

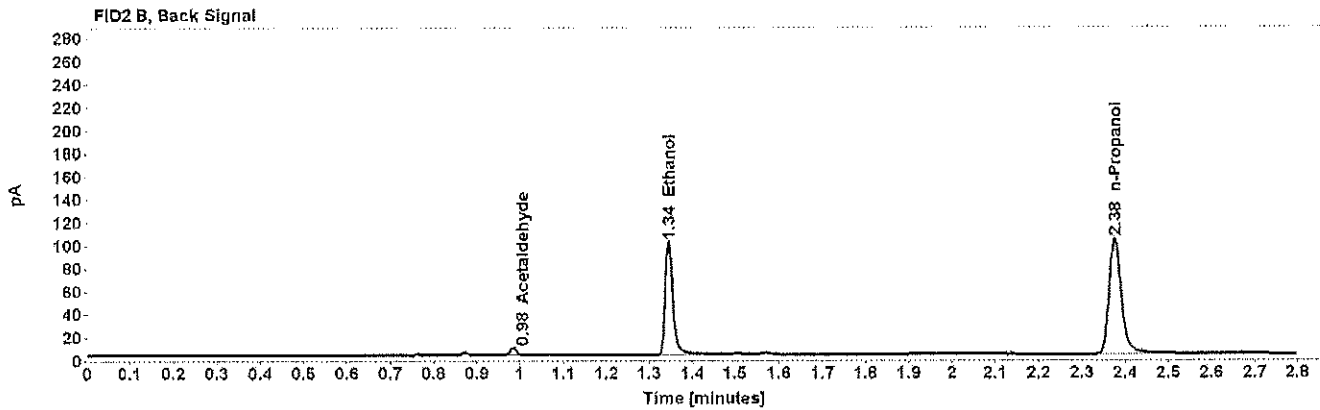
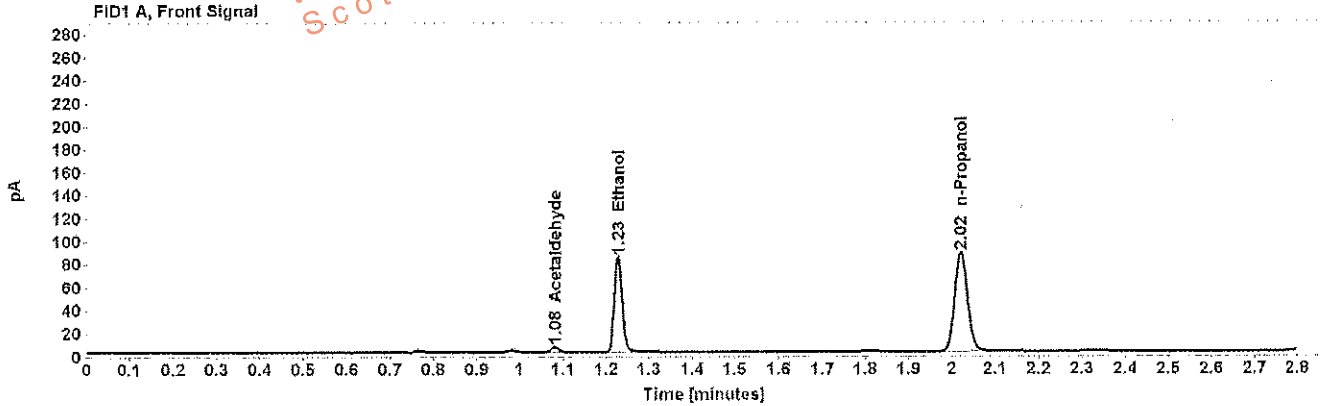


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.853
>Ethanol	0.1557	1.228	106.478
n-Propanol	-----	2.021	175.349

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.835
Ethanol	1.344	123.906
n-Propanol	2.376	200.740

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1168055
Injection date: 9/5/2017 5:39:53 PM	Vial: 61
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\5Sept17\61.D	

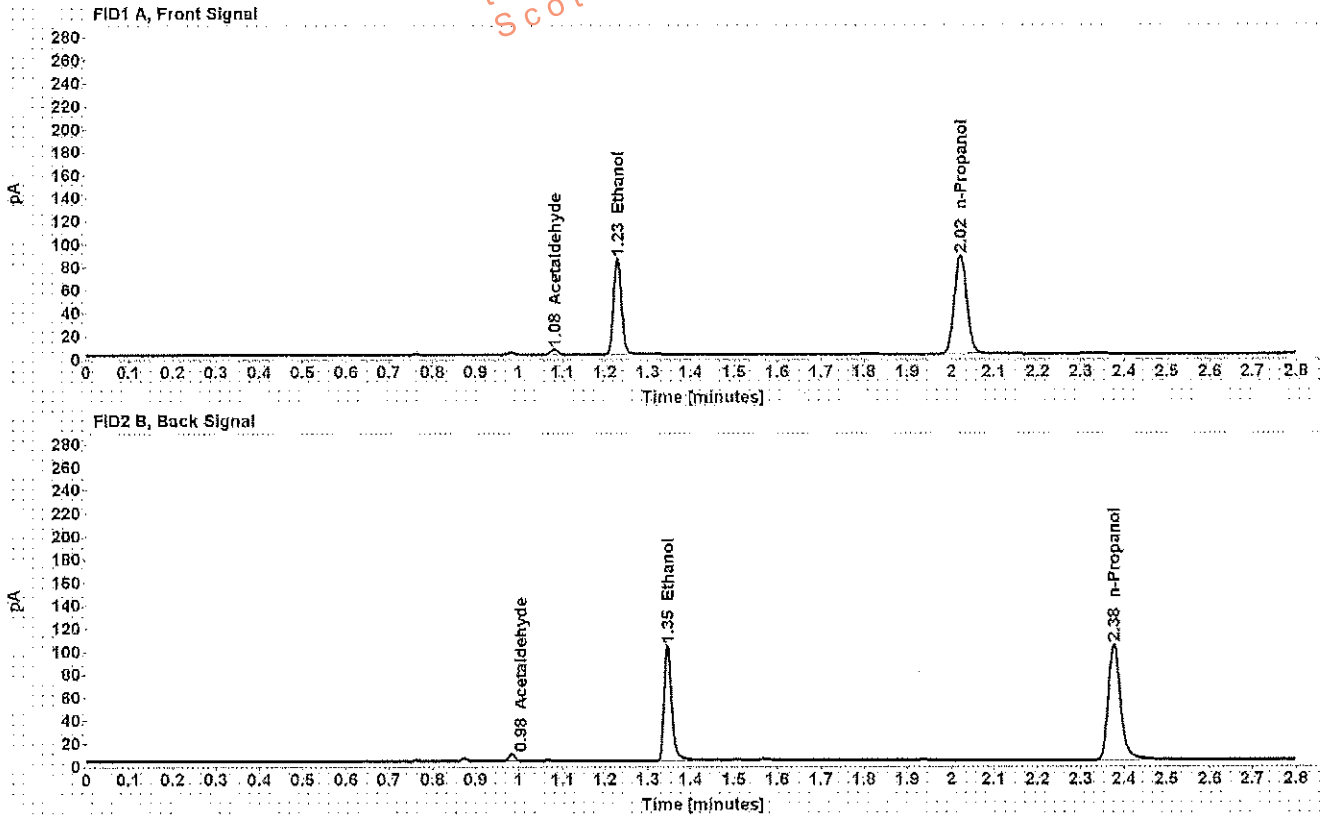


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	4.760
>Ethanol	0.1580	1.229	108.346
n-Propanol	-----	2.022	175.880

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.731
Ethanol	1.345	125.883
n-Propanol	2.377	201.418

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1168195
Injection date: 9/5/2017 5:43:53 PM	Vial: 62
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\5Sept17\62.D	

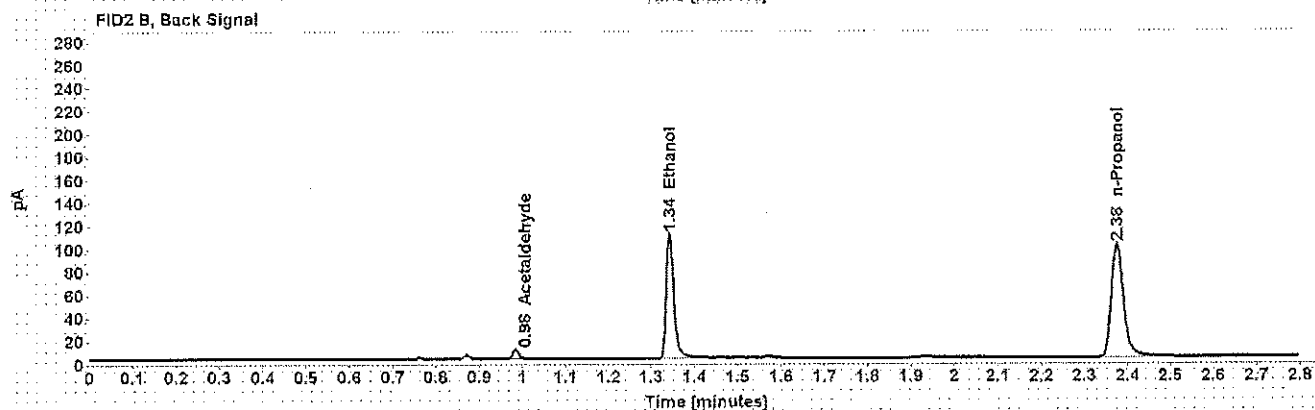
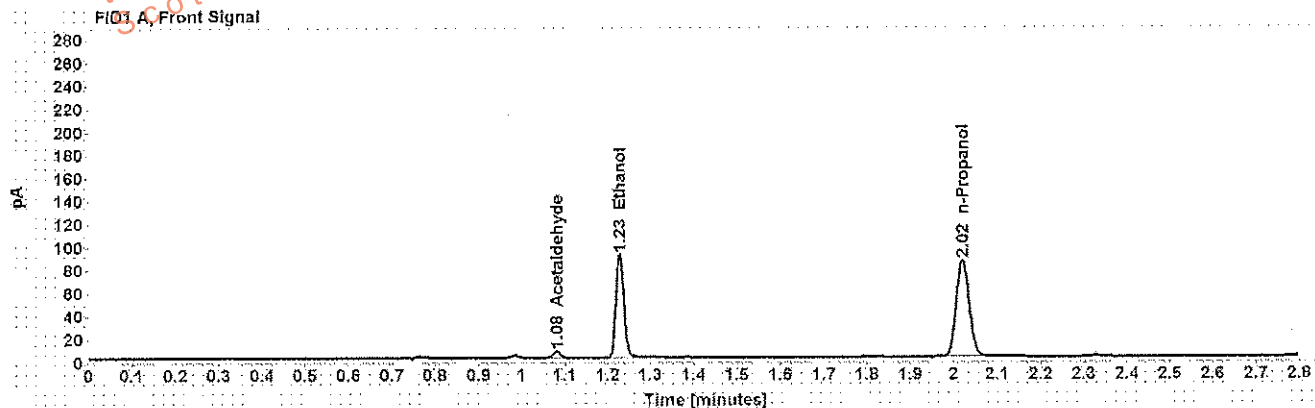


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	6.032
>Ethanol	0.1731	1.228	116.003
n-Propanol	-----	2.021	171.831

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	7.259
Ethanol	1.344	134.995
n-Propanol	2.375	196.423

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1168195
Injection date:	9/5/2017 5:47:53 PM	Vial:	63
Method:	ethanol quant.M	Sequence:	5Sept17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\5Sept17\63.D		

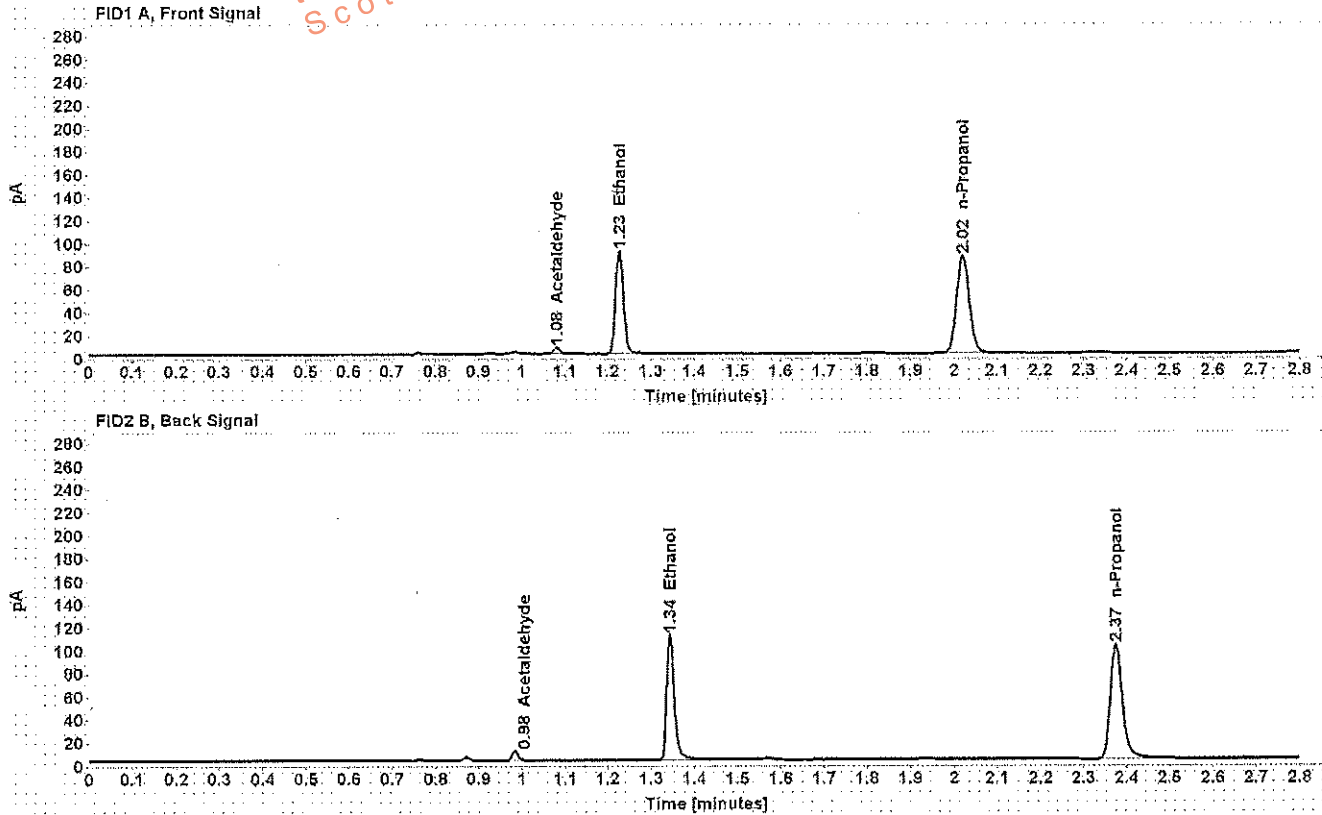


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	6.067
>Ethanol	0.1723	1.228	116.251
n-Propanol	-----	2.021	173.019

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	7.278
Ethanol	1.343	135.312
n-Propanol	2.375	198.368



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1168165
Injection date:	9/5/2017 5:55:53 PM	Vial:	65
Method:	ethanol quant.M	Sequence:	5Sept17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\5Sept17\65.D		

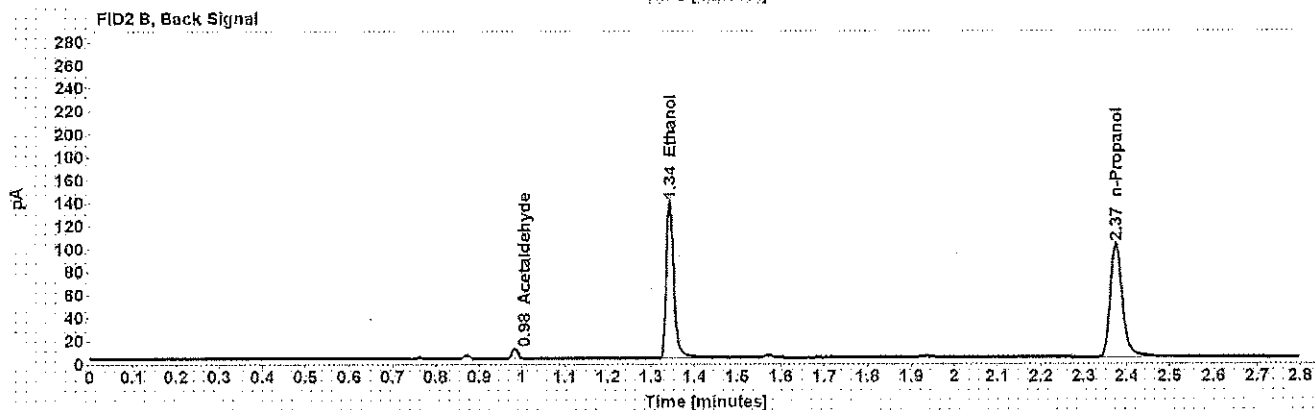
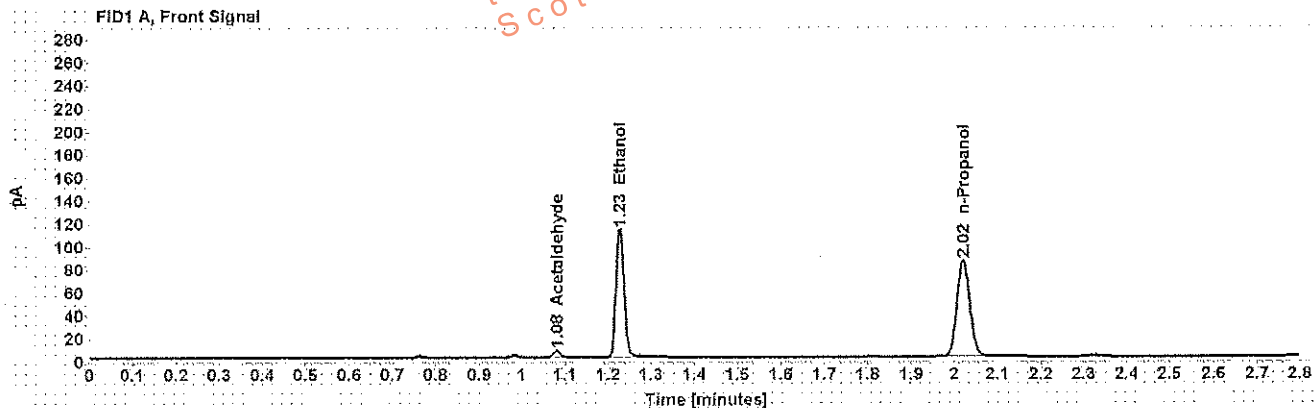


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	6.468
>Ethanol	0.2158	1.227	144.121
n-Propanol	-----	2.021	171.212

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	7.734
Ethanol	1.343	168.414
n-Propanol	2.375	196.875

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1168165
Injection date: 9/5/2017 5:59:52 PM	Vial: 66
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1Data\5Sept17\66.D	

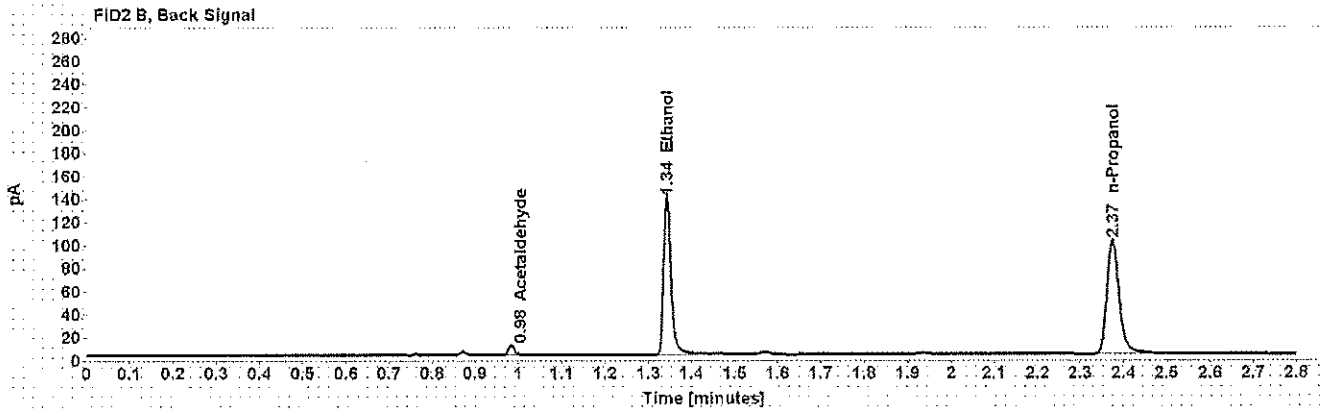
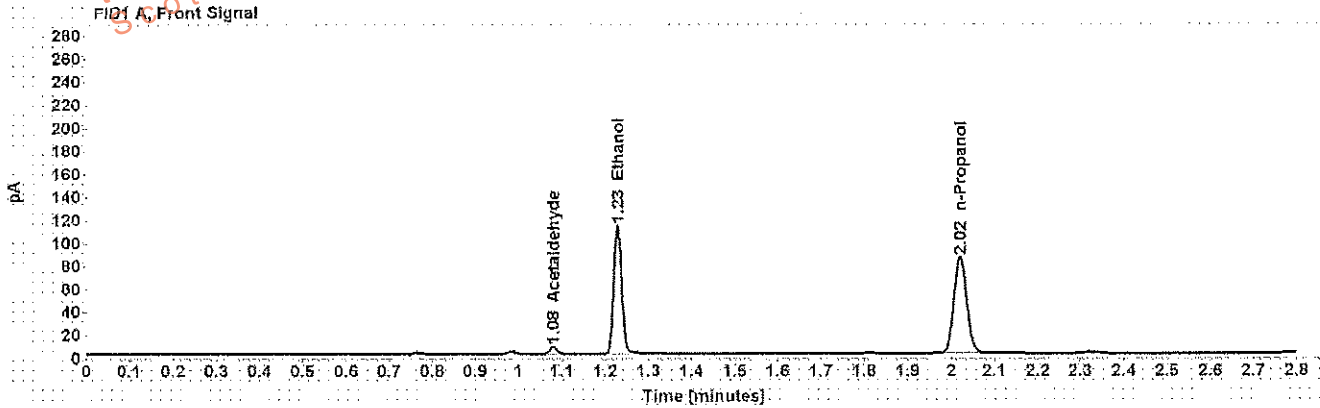


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	6.493
>Ethanol	0.2168	1.227	144.893
n-Propanol	-----	2.021	171.323

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	7.791
Ethanol	1.343	169.415
n-Propanol	2.375	196.723

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1147924
Injection date: 9/5/2017 6:04:07 PM	Vial: 67
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Sept17\67.D	

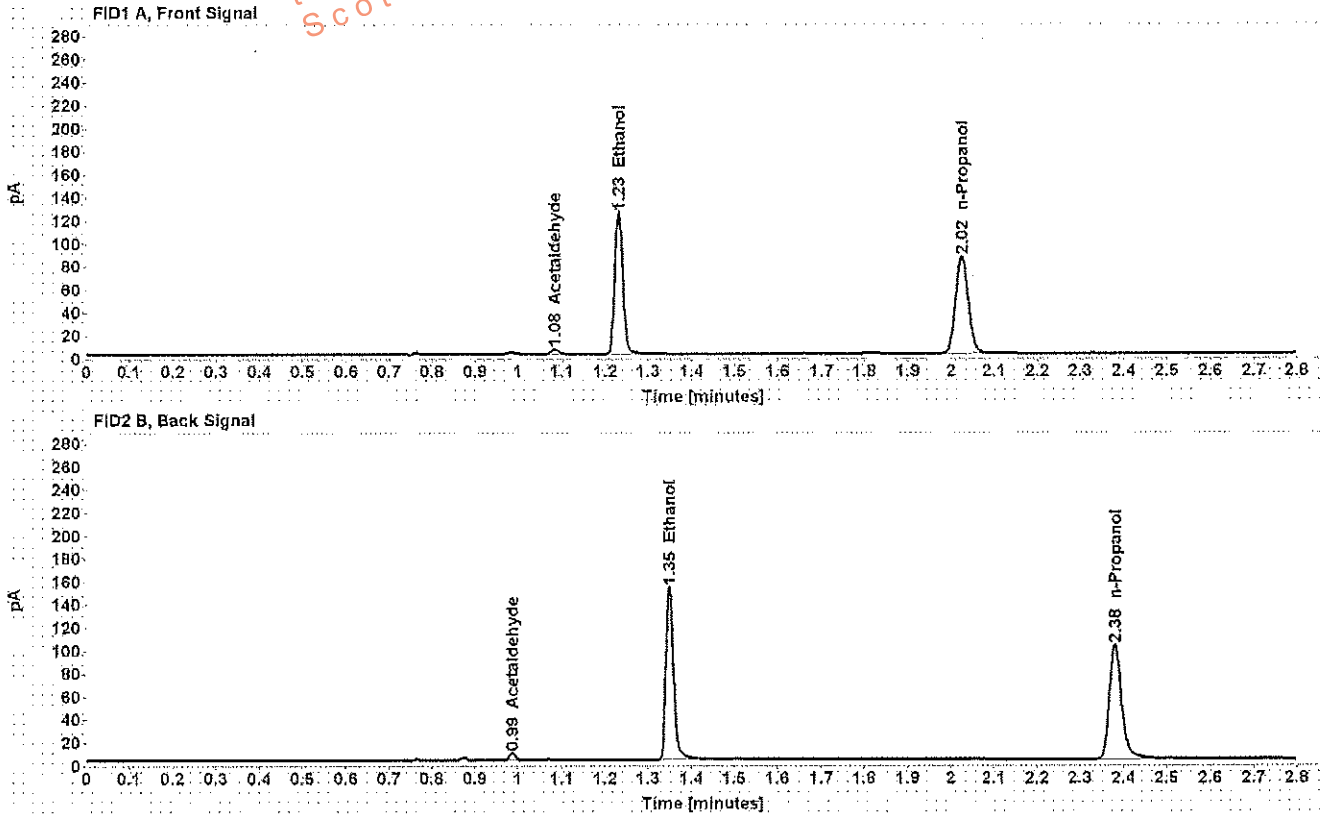


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	4.655
>Ethanol	0.2370	1.231	160.361
n-Propanol	-----	2.024	173.440

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	5.649
Ethanol	1.349	185.483
n-Propanol	2.380	198.678

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1147924
Injection date:	9/5/2017 6:08:09 PM	Vial:	68
Method:	ethanol quant.M	Sequence:	5Sept17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\5Sept17\68.D		

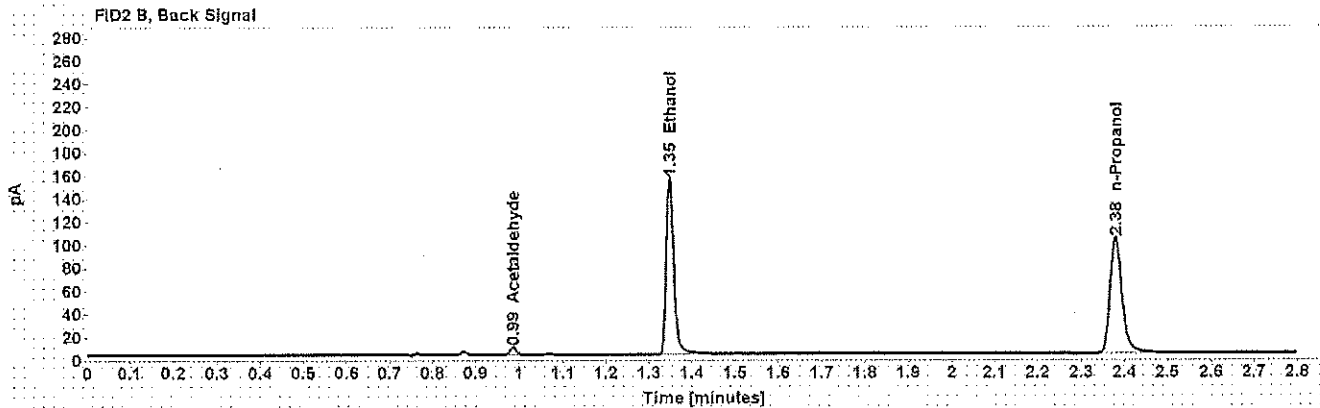
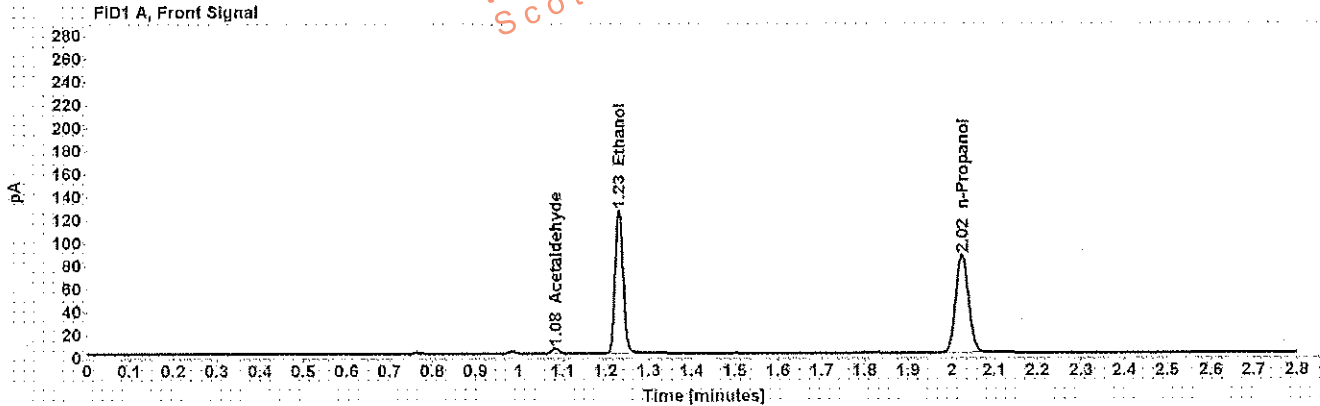


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	4.730
>Ethanol	0.2380	1.231	161.977
n-Propanol	-----	2.024	174.460

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	5.722
Ethanol	1.349	187.728
n-Propanol	2.380	199.517

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1152210
Injection date: 9/5/2017 6:12:09 PM	Vial: 69
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
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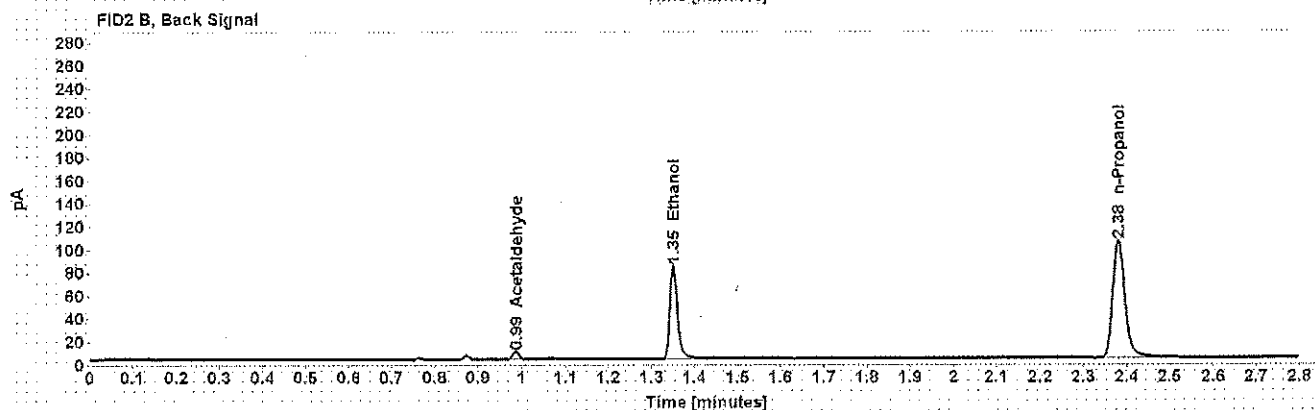
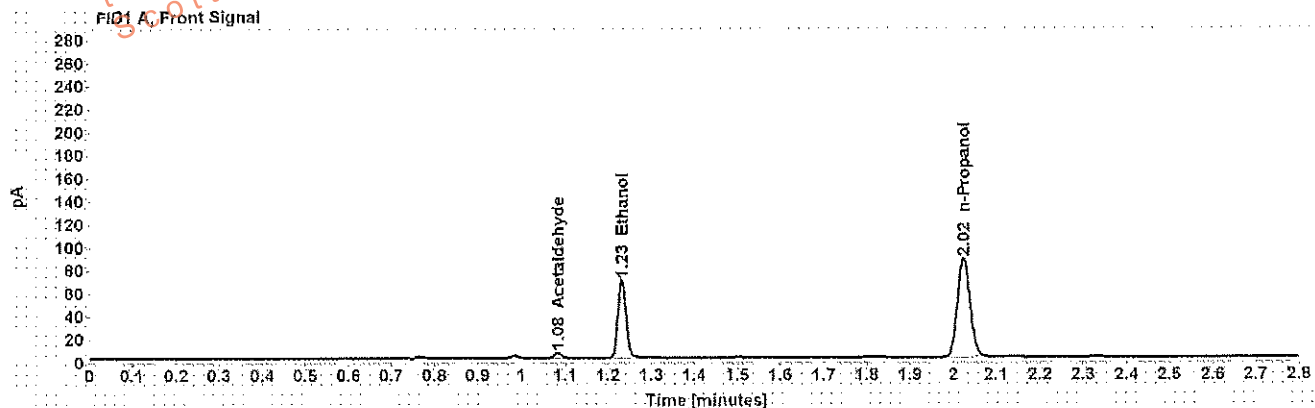


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.084	4.903
>Ethanol	0.1277	1.232	87.931
n-Propanol	-----	2.025	176.654

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	5.948
Ethanol	1.350	101.203
n-Propanol	2.381	203.462

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1152210
Injection date:	9/5/2017 6:16:08 PM	Vial:	70
Method:	ethanol quant.M	Sequence:	5Sept17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11Data\5Sept17\70.D		

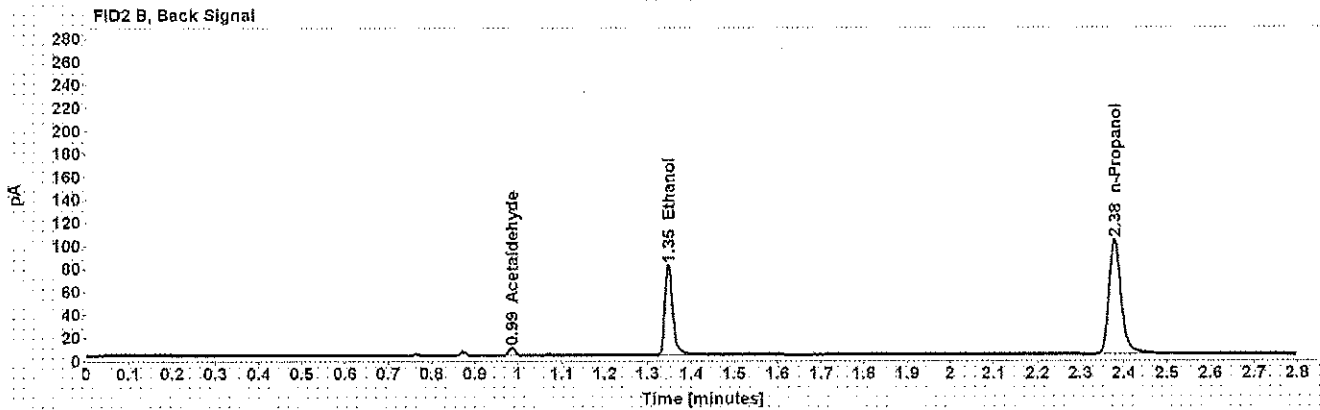
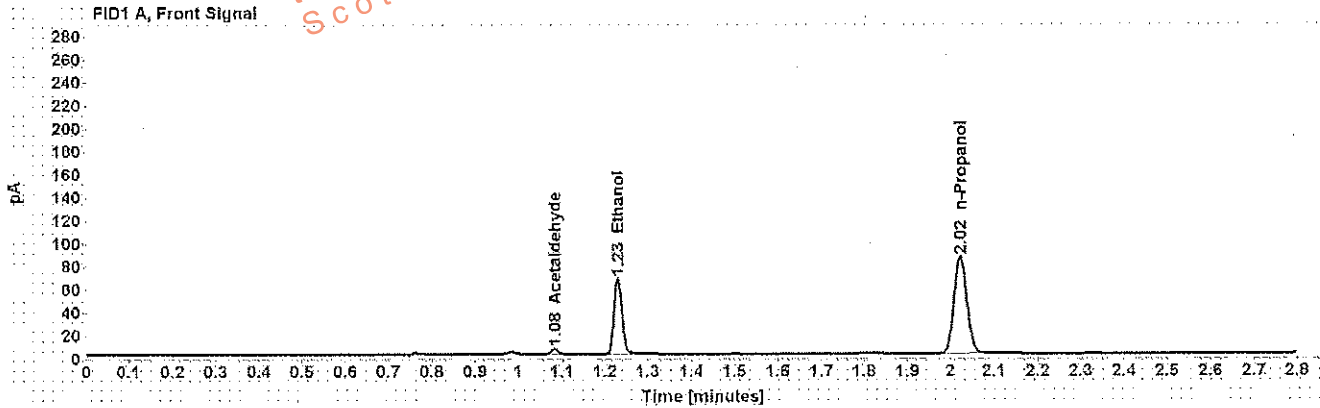


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	4.942
>Ethanol	0.1273	1.230	85.391
n-Propanol	-----	2.023	172.051

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	5.895
Ethanol	1.347	100.090
n-Propanol	2.378	197.979

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1145767
Injection date: 9/5/2017 6:20:07 PM	Vial: 71
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem\3211\Data\5Sept17\71.D	

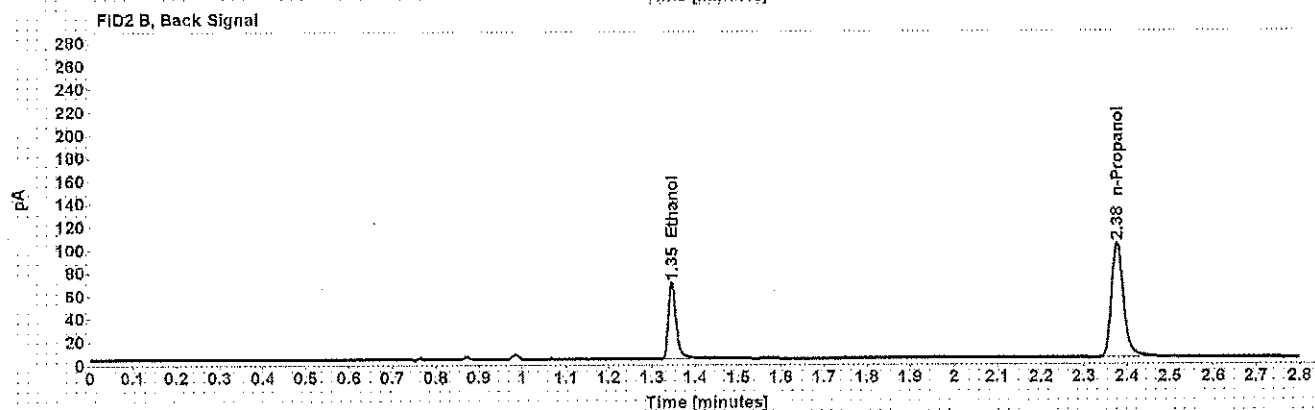
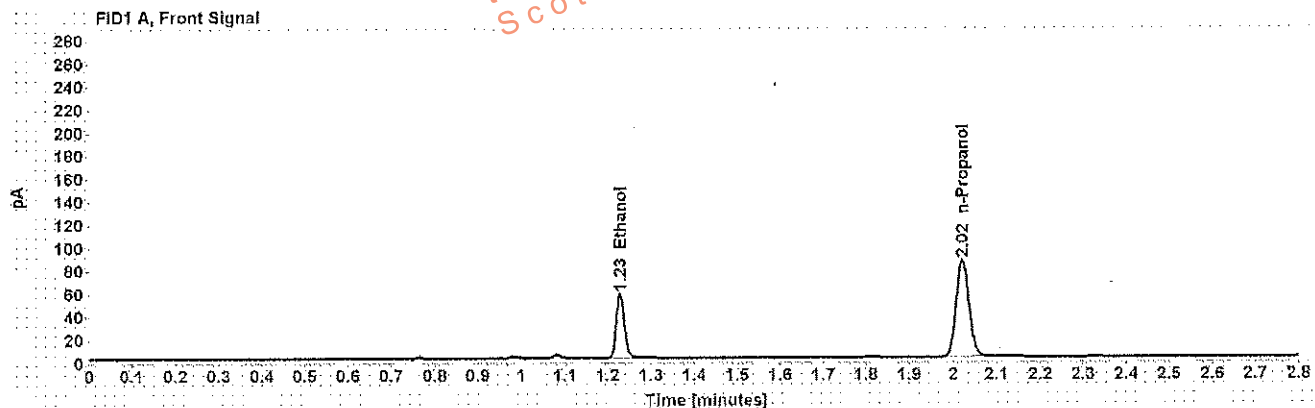


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1077	1.229	72.530
n-Propanol	-----	2.022	172.897

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.346	83.243
n-Propanol	2.377	198.117

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1145767
<b>Injection date:</b> 9/5/2017 6:24:08 PM	<b>Vial:</b> 72
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Sept17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\11Data\5Sept17\72.D	

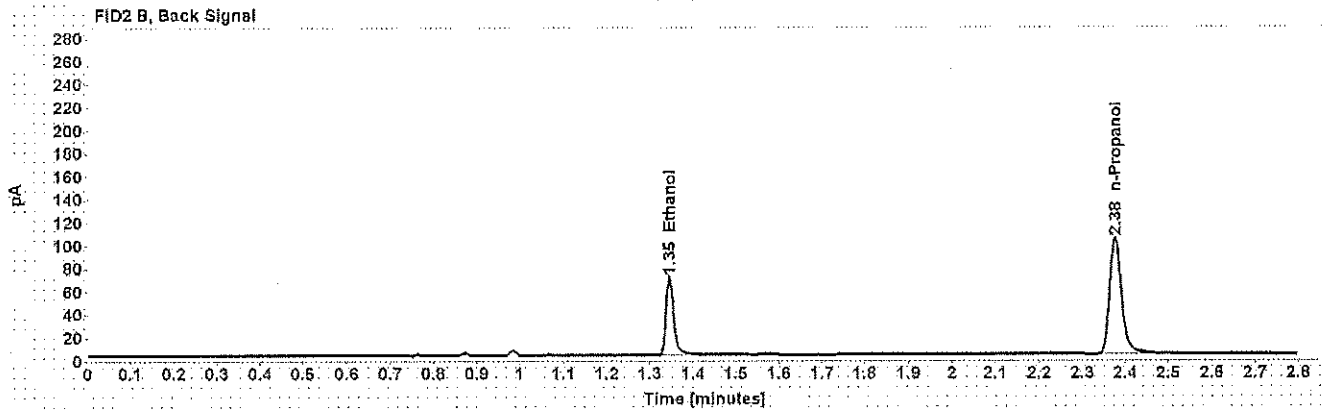
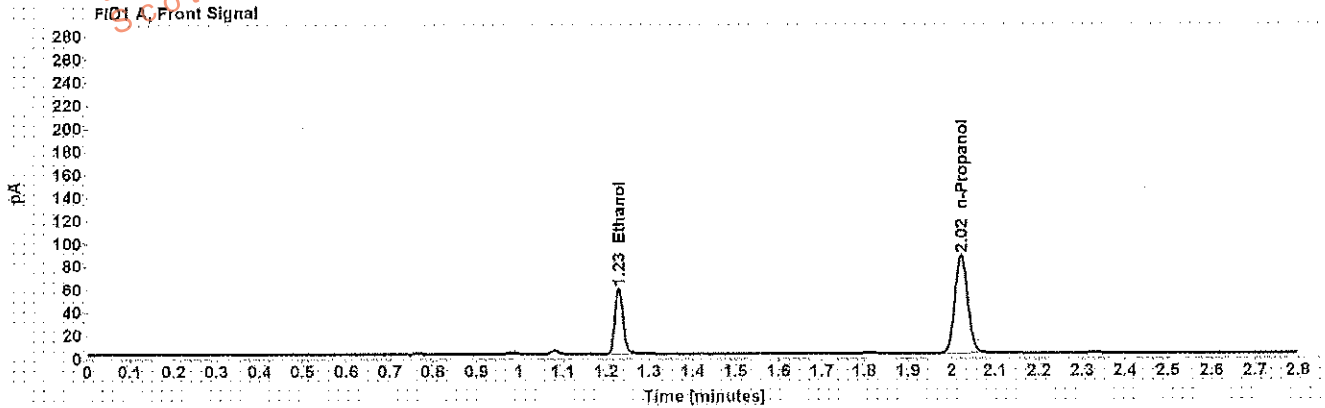


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1078	1.229	73.578
n-Propanol	-----	2.022	175.230

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.345	83.804
n-Propanol	2.376	200.836



**Scottsdale Police Department Crime Lab Volatiles Analysis**

Sample:	[REDACTED]	Item number:	1144899
Injection date:	9/5/2017 6:28:24 PM	Vial:	73
Method:	ethanol quant M	Sequence:	5Sept17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\5Sept17\73.D		

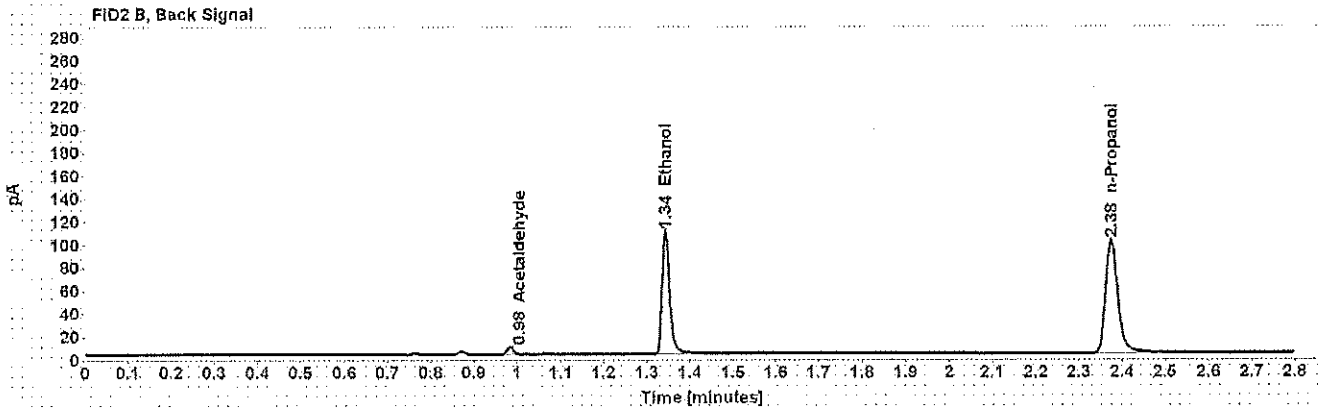
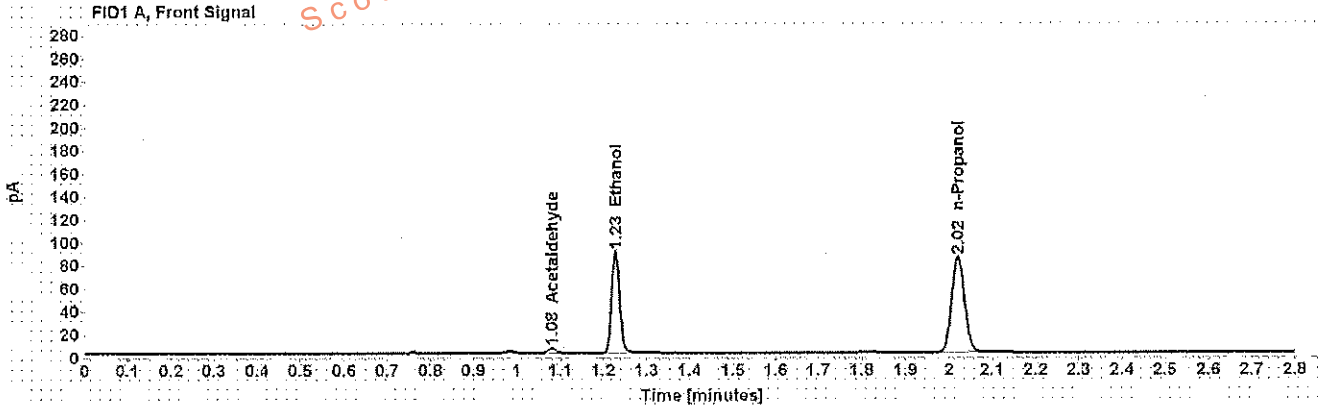


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.888
>Ethanol	0.1720	1.228	114.527
n-Propanol	-----	2.021	170.771

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.908
Ethanol	1.344	131.765
n-Propanol	2.375	195.991

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1144899
Injection date:	9/5/2017 6:32:22 PM	Vial:	74
Method:	ethanol quant.M	Sequence:	5Sept17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\5Sept17\74.D		

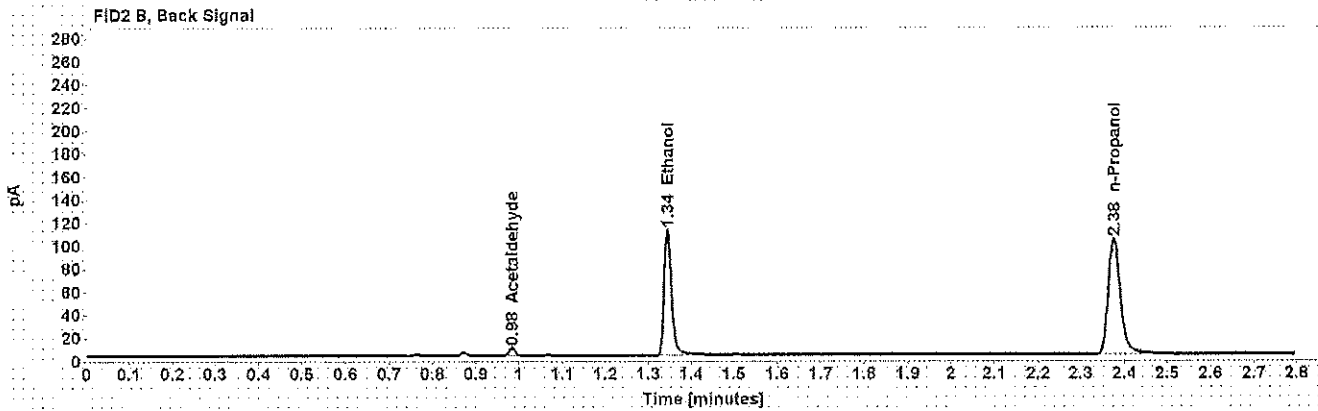
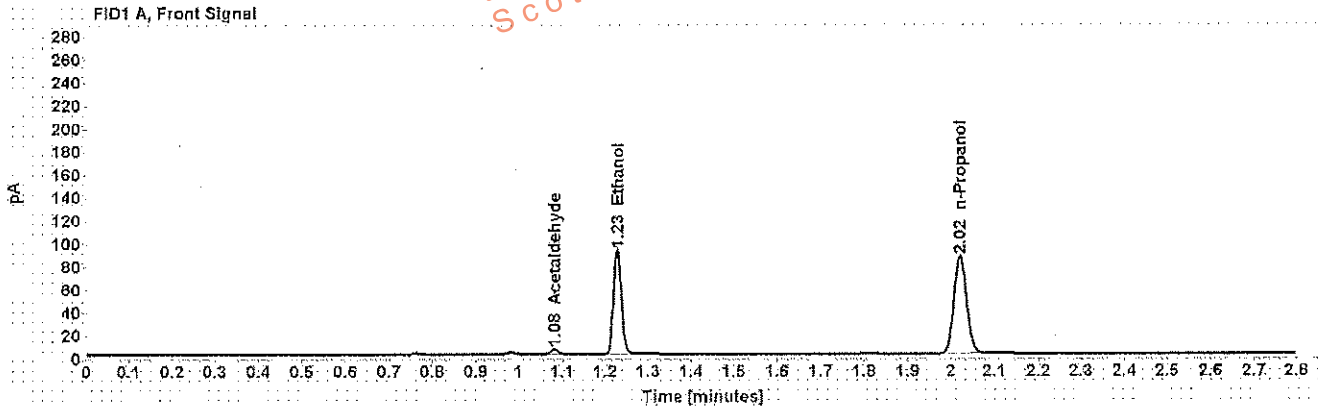


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.926
>Ethanol	0.1722	1.228	116.791
n-Propanol	-----	2.021	173.907

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.946
Ethanol	1.344	134.813
n-Propanol	2.376	199.729

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 273-01A
<b>Injection date:</b> 9/5/2017 6:40:23 PM	<b>Vial:</b> 76
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Sept17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
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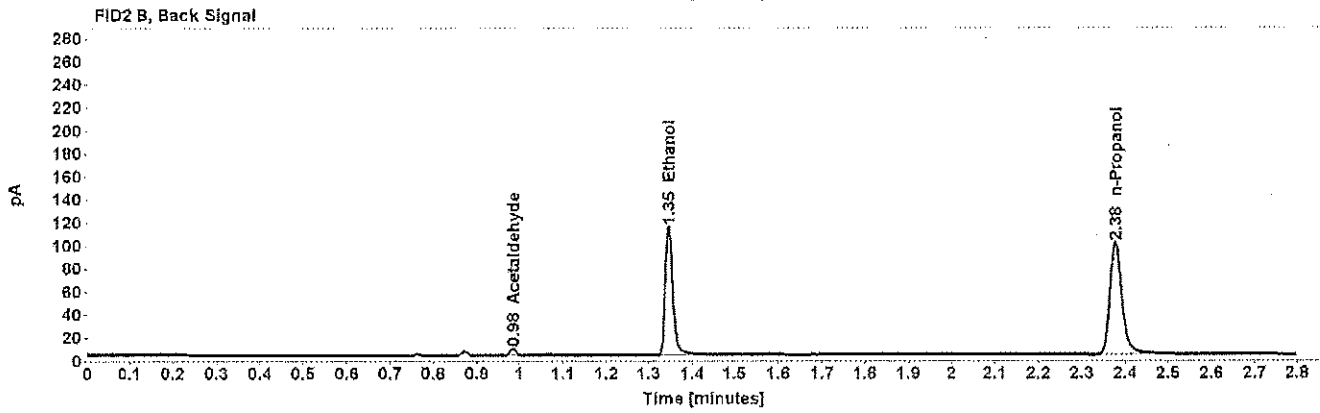
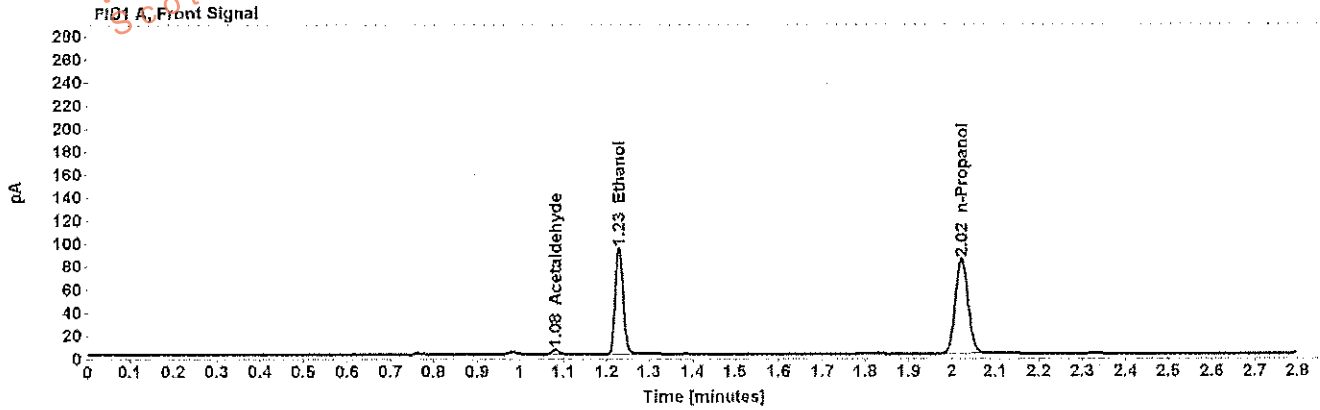


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	4.134
>Ethanol	0.1819	1.229	119.420
n-Propanol	-----	2.022	168.375

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	4.952
Ethanol	1.346	137.540
n-Propanol	2.377	193.650

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 273-01A
Injection date: 9/5/2017 6:44:23 PM	Vial: 77
Method: ethanol quant.M	Sequence: 5Sept17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\5Sept17\77.D	

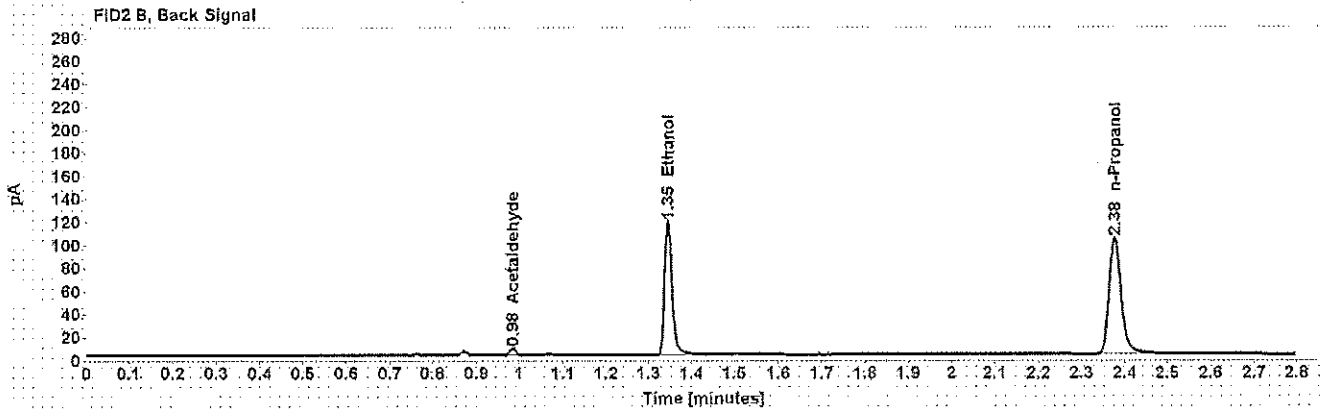
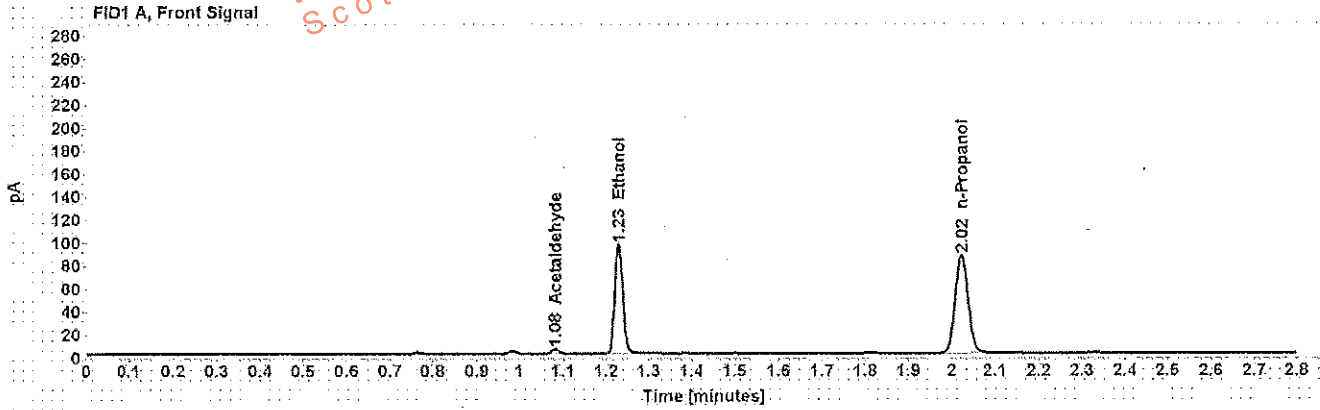


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	4.088
>Ethanol	0.1815	1.229	123.271
n-Propanol	-----	2.022	174.120

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.956
Ethanol	1.345	141.845
n-Propanol	2.377	199.992