

WA

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 1/5/2017 SEQUENCE NAME 5Jan17

### EQUIPMENT

Pipettor  Hamilton ML600EH7497  Hamilton MD91JF5016  
Gas Chromatograph  Agilent US14173023  Perkin Elmer 650N9042002

### INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN08101401 Coefficient of determination (r<sup>2</sup>)  
Vial 2 0.10 calibrator Lot FN06181501 1.00000  
Vial 3 0.20 calibrator Lot FN07201502  
Vial 4 0.40 calibrator Lot FN11191402

### CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 090816
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 053116WLA
7	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 05012012-C
8	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 09022015-A
9	Blood control	0.200 g/dL	0.203 g/dL	ACQ 402101060/6
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.150 g/dL	Lipomed 11012012-C
42	Blood control	0.200 g/dL	0.200 g/dL	ACQ 402101060/6
49	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 05012012-C
50	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
51	Blood control	0.200 g/dL	0.201 g/dL	ACQ 402101060/6
52	Blank	Not detected	Not detected	SPD lab 090816

### SUBJECT SAMPLES

Subjects in the sequence 18 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

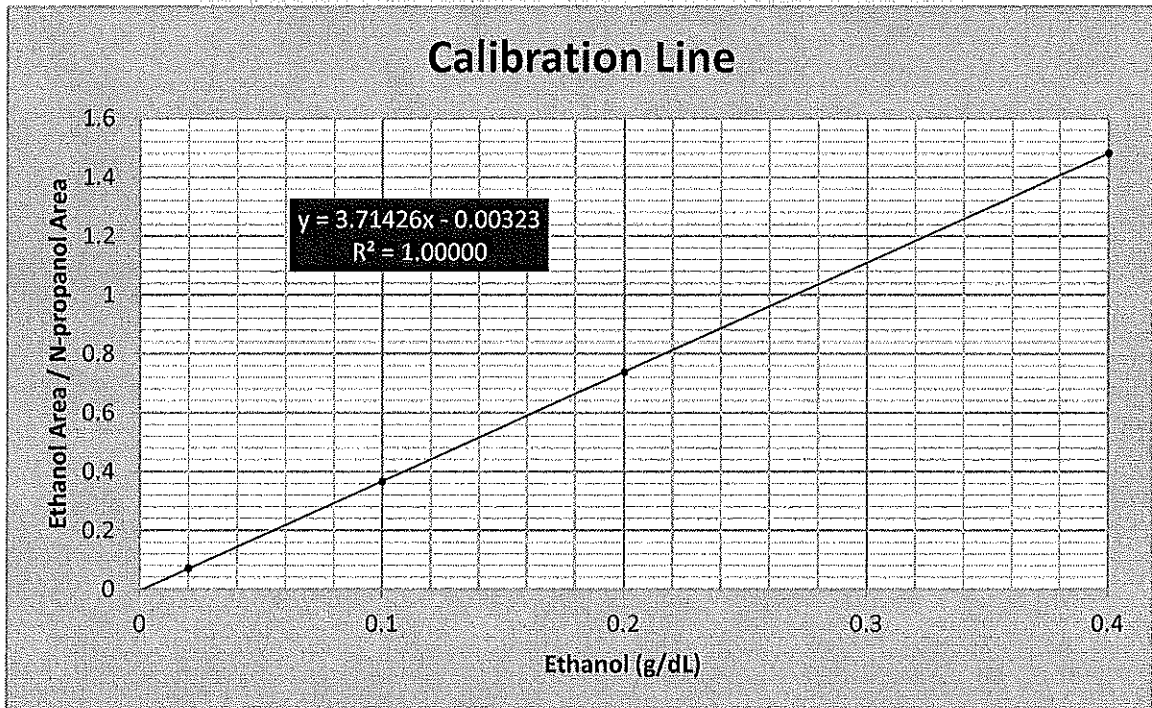
Run valid  Run invalid  WA B1570 Analyst  
Run valid  Run invalid  Morgan 1/11/17 Technical Reviewer

**SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY  
SEQUENCE QUALITY ASSURANCE SUMMARY**

SEQUENCE NAME: 5Jan17

Control	Expected Value (g/dl)	Observed Value (g/dl)	Percent Difference	Absolute Difference (g/dl)
1	negative	negative	-	-
2	0.400	0.399	0.25	-0.001
3	0.040	0.039	2.50	-0.001
4	0.200	0.203	1.50	0.003
5	0.080	0.080	0.00	0.000
6	31	0.150	0.00	0.000
7	42	0.200	0.00	0.000
8	49	0.400	0.50	0.002
9	50	0.040	0.00	0.000
10	51	0.200	0.50	0.001
11	52	negative	negative	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	10.628	146.603	0.072
0.100	53.656	146.238	0.367
0.200	109.490	148.196	0.739
0.400	220.710	148.814	1.483



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.020 Cerilliant FN08101401	Item number: <span style="float: right;">MM</span>
Injection date: 1/5/2017 5:02:00 PM	Vial: 1
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Jan17\1.D	

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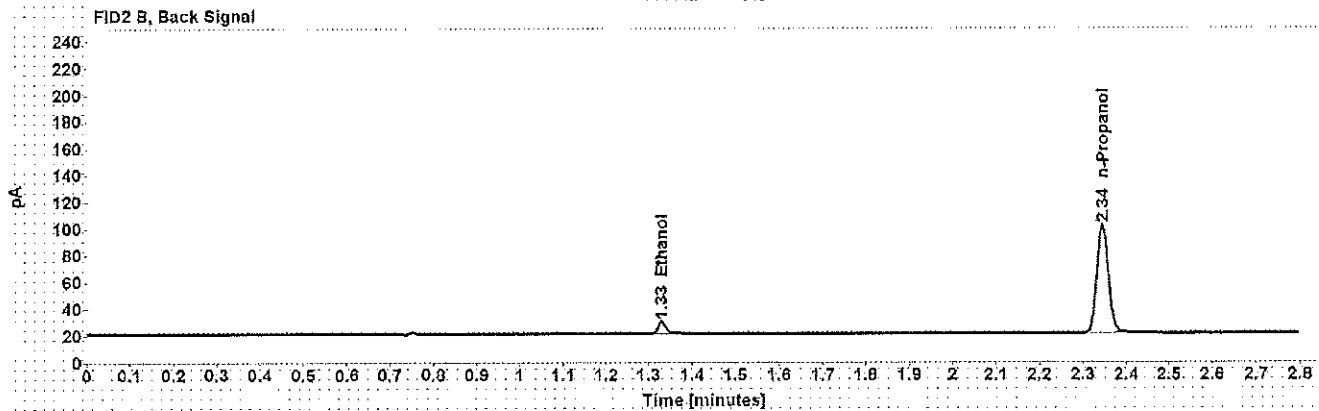
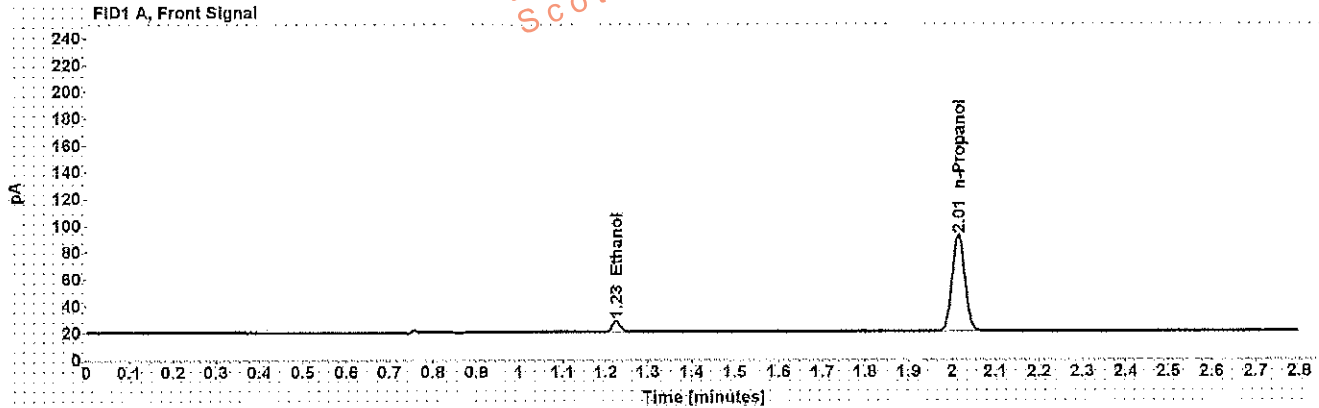


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.226	10.628
n-Propanol	2.014	146.603

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

Compound	Time (min)	Peak Area
Ethanol	1.330	10.547
n-Propanol	2.345	149.875

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> 0.100 Cerilliant FN06181501	<b>Item number:</b>
<b>Injection date:</b> 1/5/2017 5:06:00 PM	<b>Vial:</b> 2
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Jan17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem3211\Data\5Jan17\2.D	

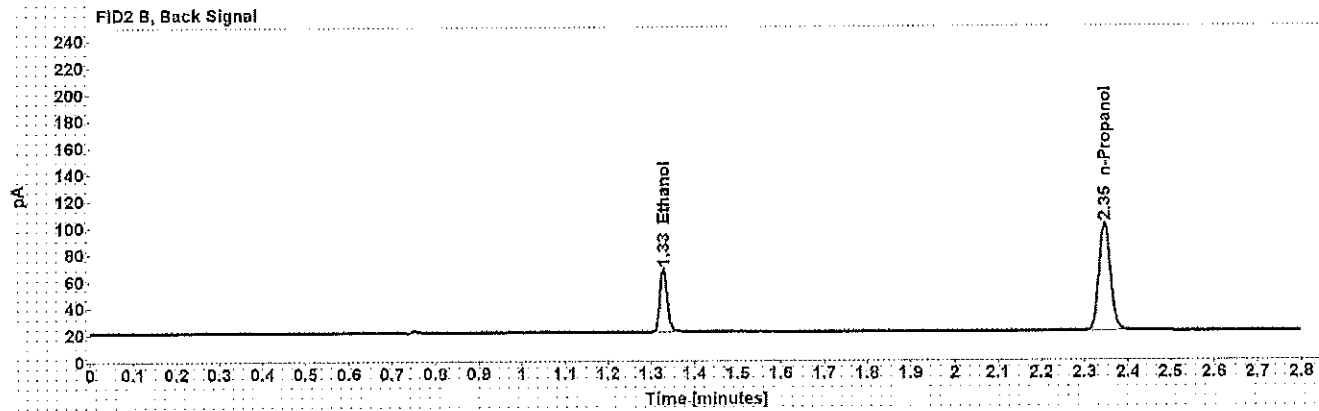
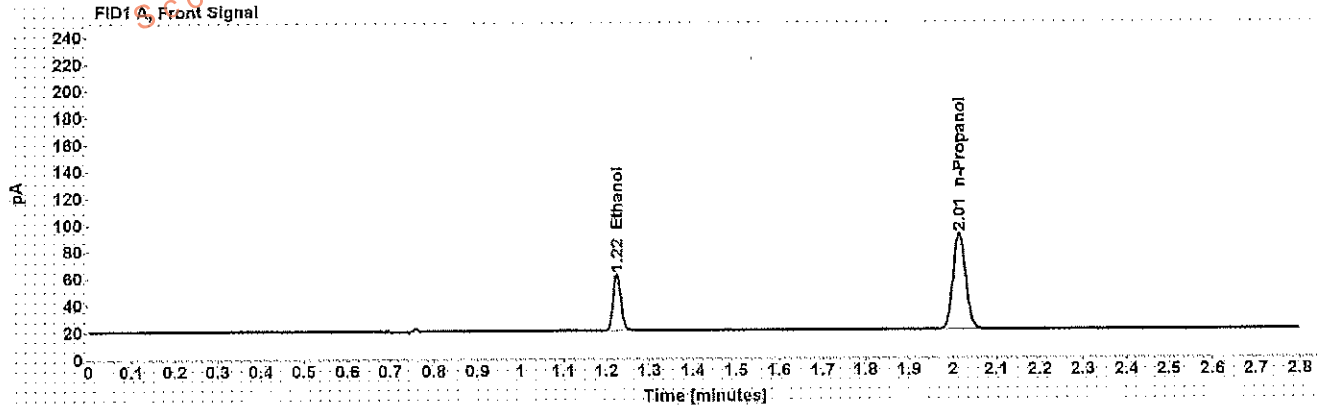


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.225	53.656
n-Propanol	2.015	146.238

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

Compound	Time (min)	Peak Area
Ethanol	1.328	54.684
n-Propanol	2.346	149.364

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0.200 Cerilliant FN07201502	Item number:	
Injection date:	1/5/2017 5:10:00 PM	Vial:	3
Method:	ethanol quant.M	Sequence:	5Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\DATA\5Jan17\3.D		

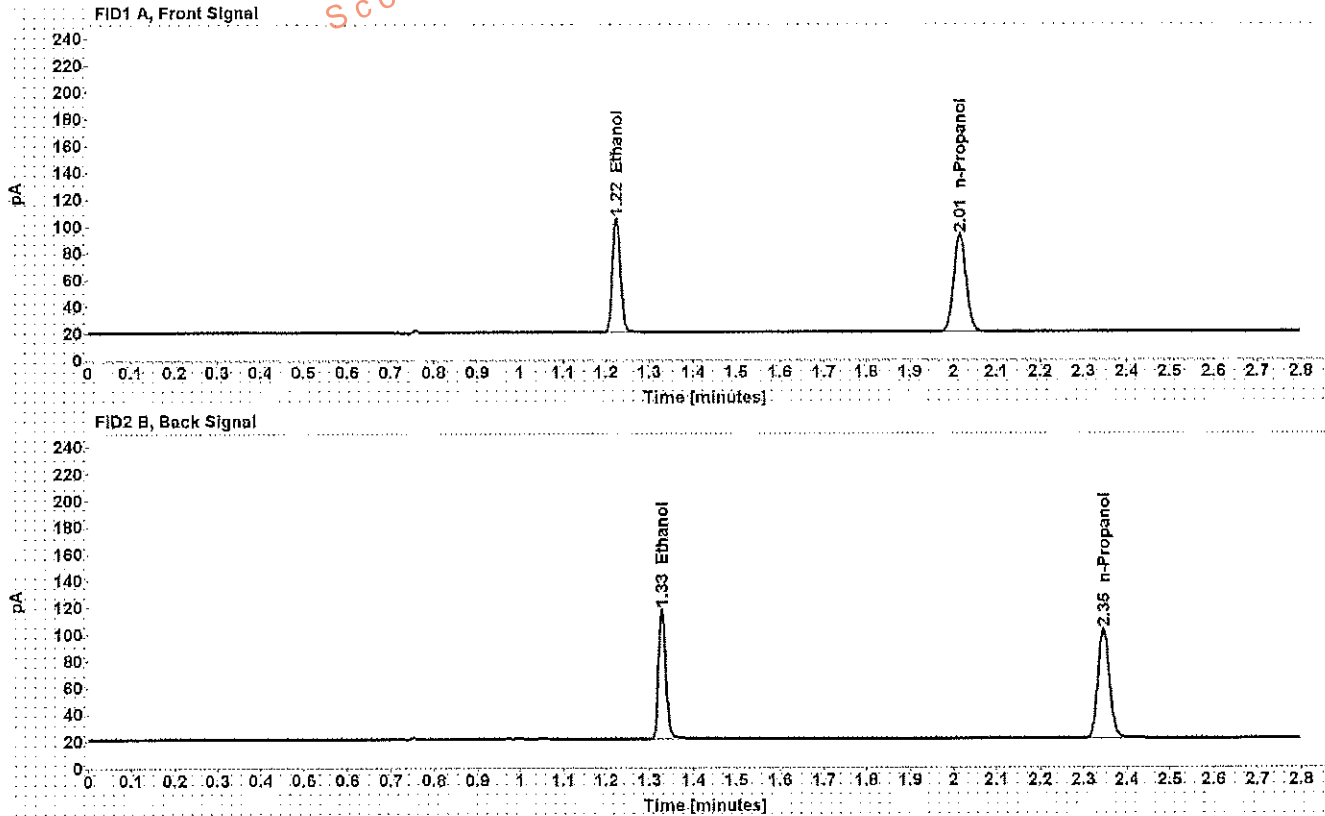


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	109.490
n-Propanol	2.015	148.196

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

Compound	Time (min)	Peak Area
Ethanol	1.328	112.023
n-Propanol	2.346	151.610



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 0.400 Cerilliant FN11191402	<b>Item number:</b>
<b>Injection date:</b> 1/5/2017 5:14:01 PM	<b>Vial:</b> 4
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Jan17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\5Jan17\4.D	

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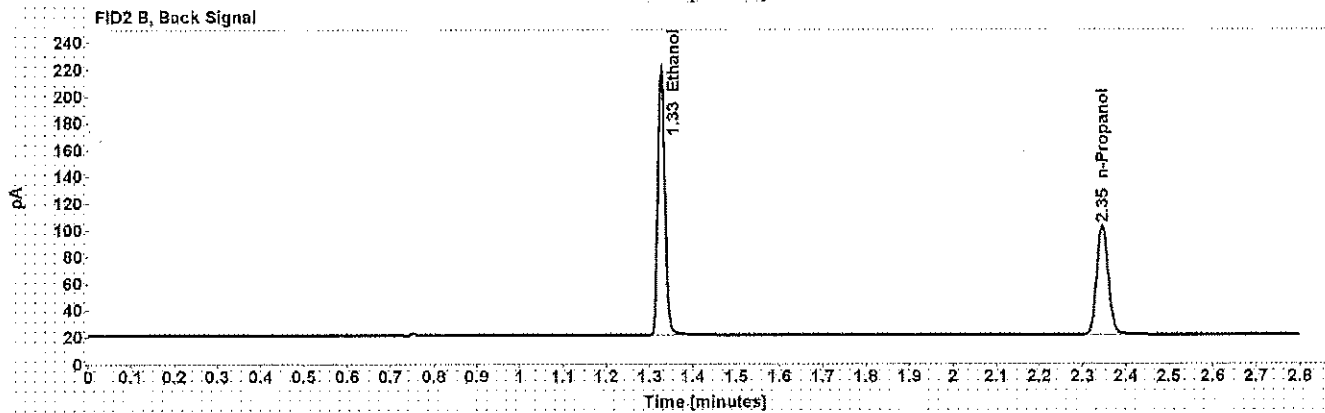
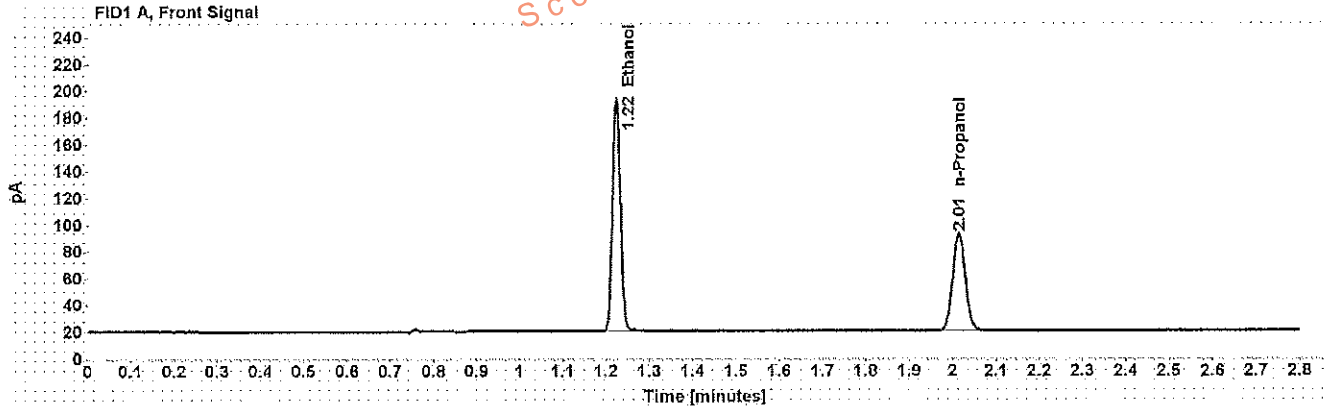


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	220.710
n-Propanol	2.015	148.814

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

Compound	Time (min)	Peak Area
Ethanol	1.327	226.558
n-Propanol	2.345	152.051

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> blank 090816	<b>Item number:</b>
<b>Injection date:</b> 1/5/2017 5:17:59 PM	<b>Vial:</b> 5
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Jan17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem321\Data\5Jan17\5.D	

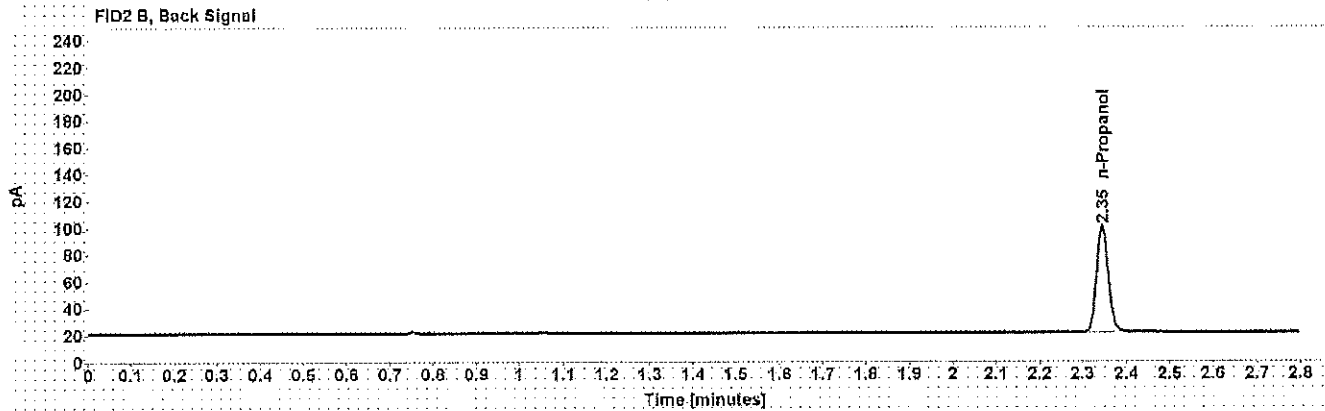
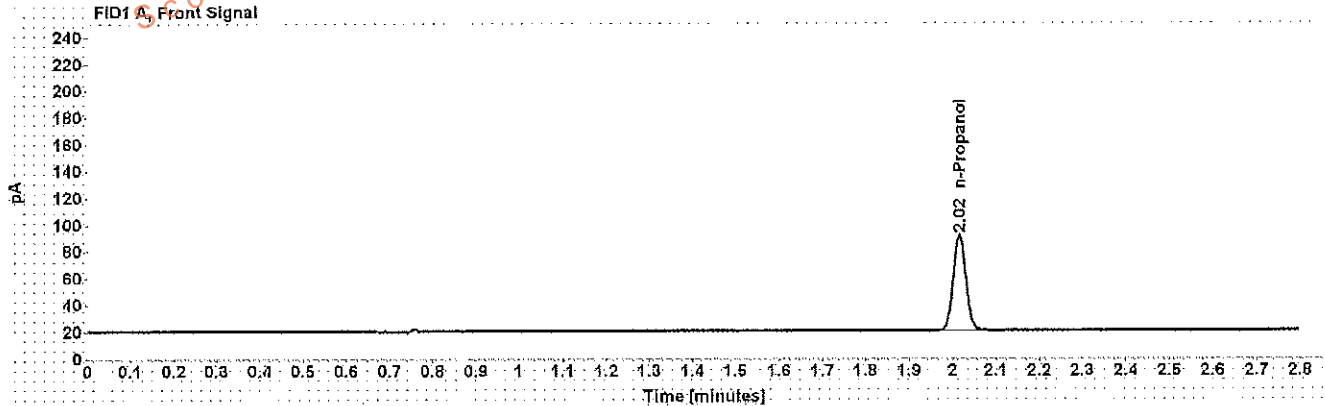


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	145.278

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

Compound	Time (min)	Peak Area
n-Propanol	2.346	148.333

# Scottsdale Police Department Crime Lab Volatiles Analysis

WLA

Sample: volatiles mix 053116 WLA	Item number:
Injection date: 1/5/2017 5:22:00 PM	Vial: 6
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Jan17\6.D	

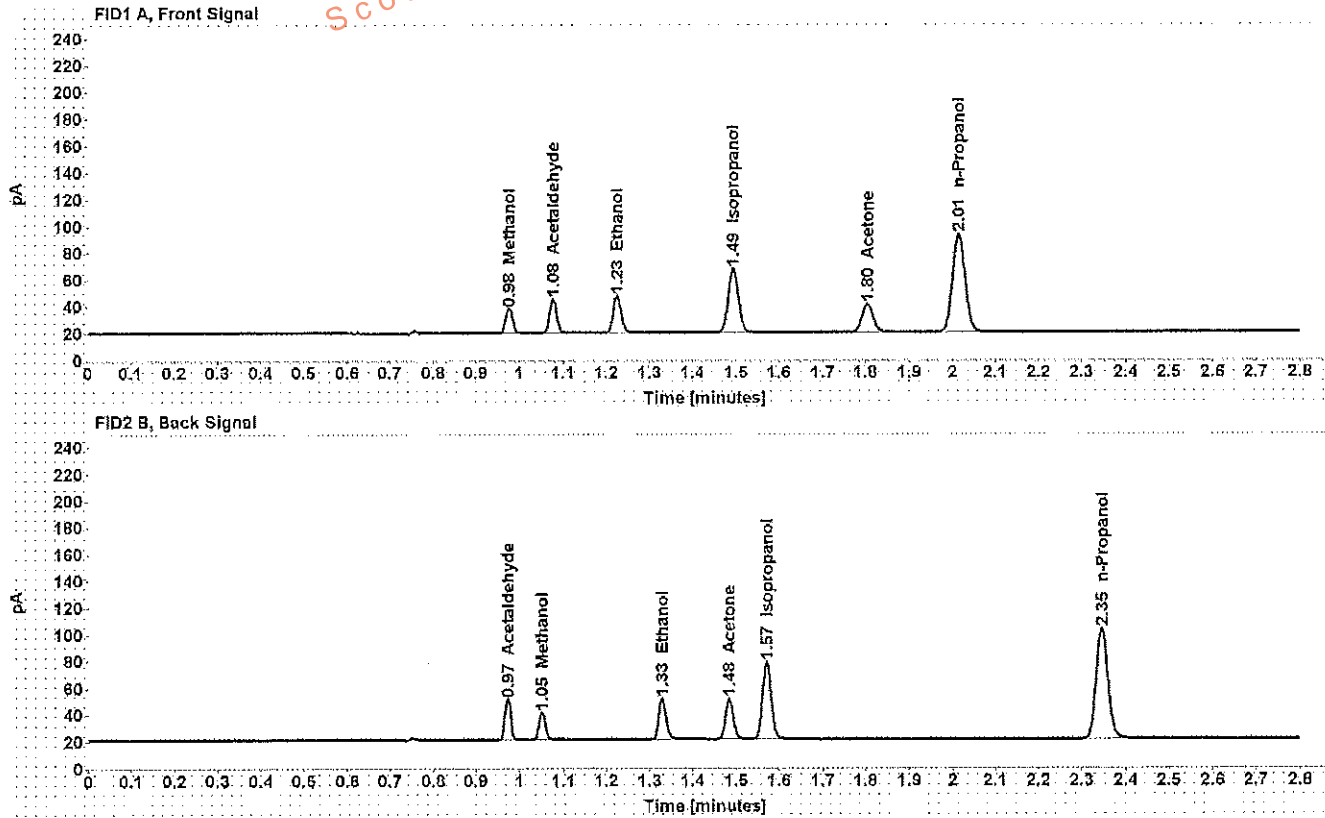


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.977	20.420
Acetaldehyde	-----	1.078	27.814
>Ethanol	0.0645	1.225	35.313
Isopropanol	-----	1.494	78.082
Acetone	-----	1.804	37.264
n-Propanol	-----	2.015	149.517

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	29.156
Methanol	1.051	20.762
Ethanol	1.329	35.903
Acetone	1.484	37.877
Isopropanol	1.571	80.623
n-Propanol	2.346	153.003



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.400 Lipomed 05012012-C	Item number: <span style="float: right;">WA</span>
Injection date: 1/5/2017 5:26:15 PM	Vial: 7
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Jan17\7.D	

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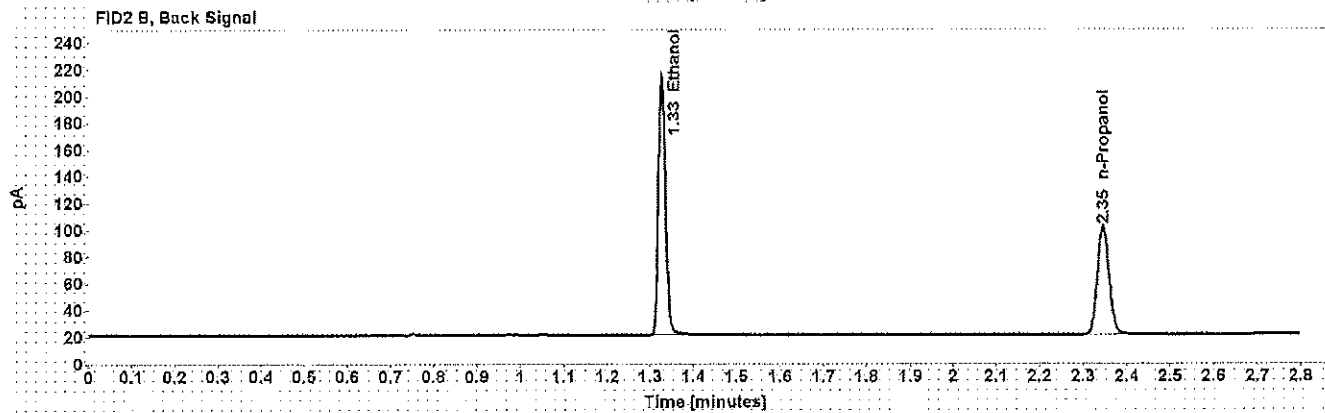
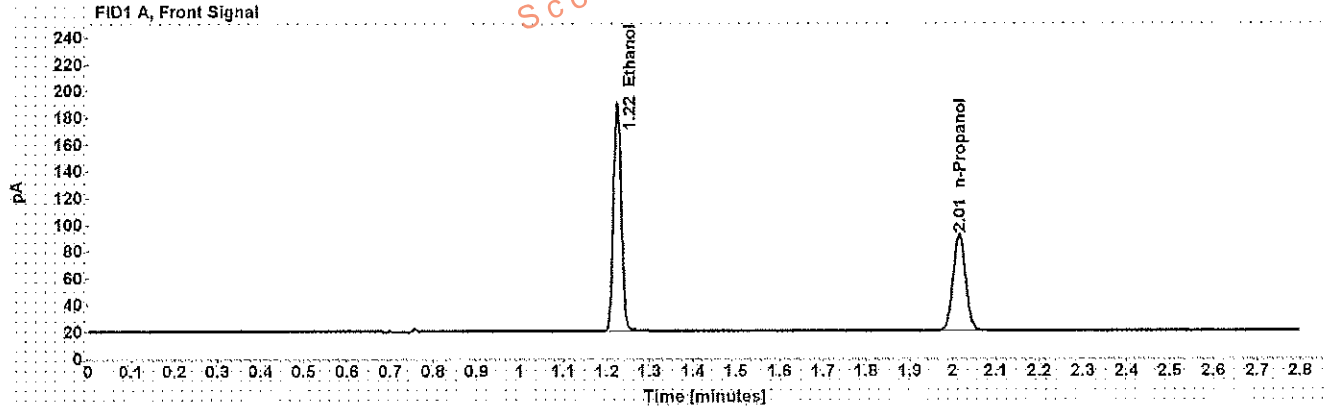


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3994	1.224	217.030
n-Propanol	-----	2.015	146.625

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

Compound	Time (min)	Peak Area
Ethanol	1.327	223.101
n-Propanol	2.346	149.933

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.040 Lipomed 09022015-A	Item number:
Injection date: 1/5/2017 5:30:16 PM	Vial: 8
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\5Jan17\8.D	

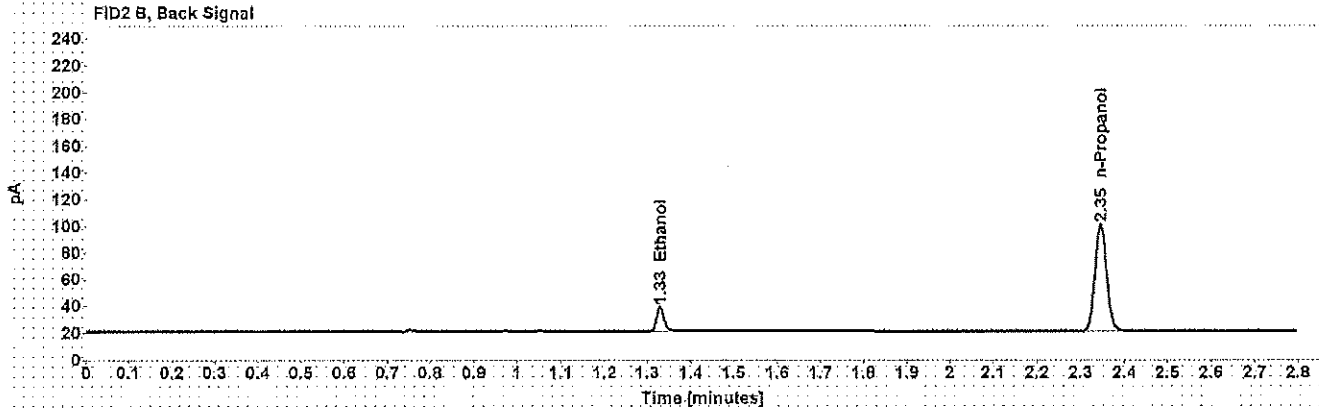
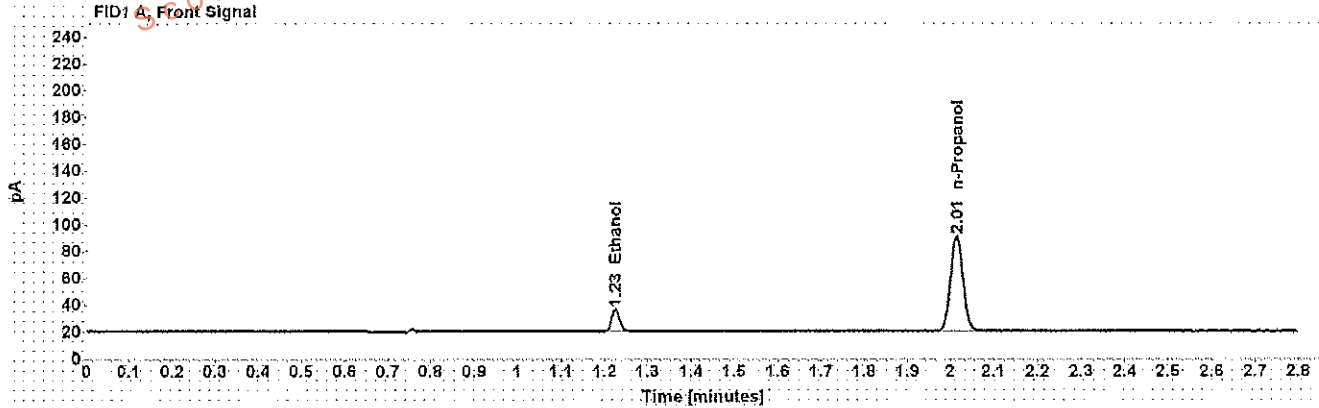


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0399	1.225	21.027
n-Propanol	-----	2.015	145.142

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

Compound	Time (min)	Peak Area
Ethanol	1.329	21.258
n-Propanol	2.345	148.521

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.20 ACQ 402101060/6	Item number:
Injection date: 1/5/2017 5:34:15 PM	Vial: 9
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\5Jan17\9.D	

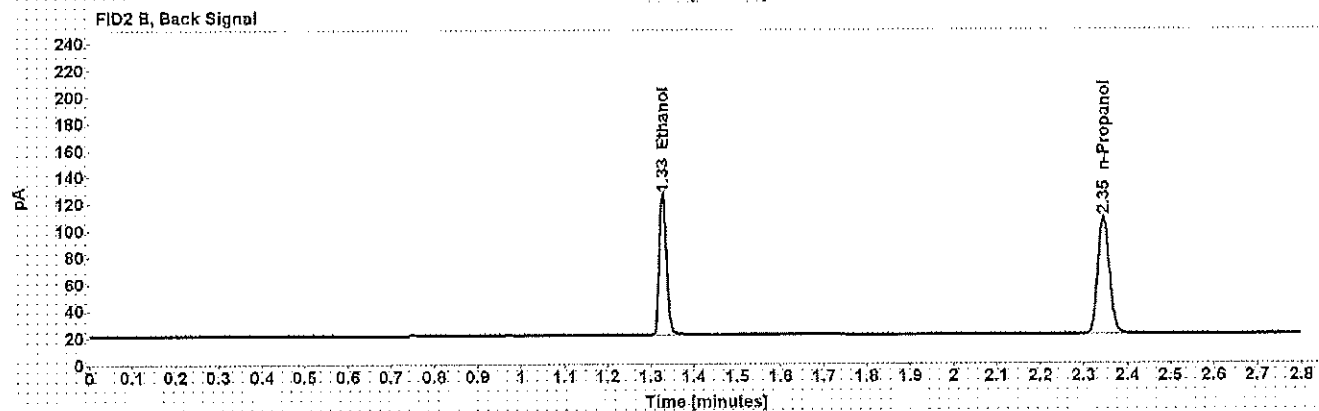
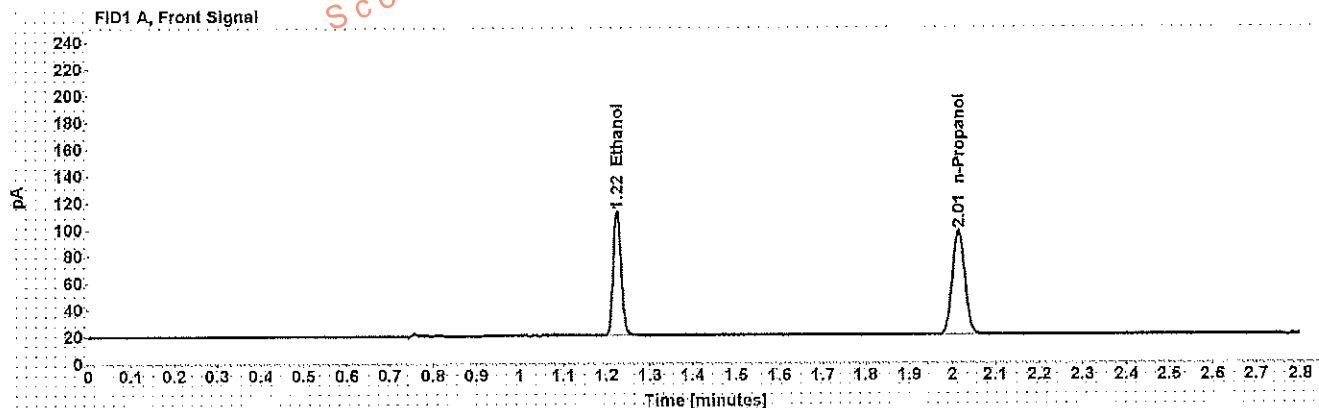


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2031	1.224	119.175
n-Propanol	-----	2.015	158.665

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

Compound	Time (min)	Peak Area
Ethanol	1.328	122.125
n-Propanol	2.346	162.706

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 1/5/2017 6:18:45 PM	Vial: 20
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Jan17\20.D	

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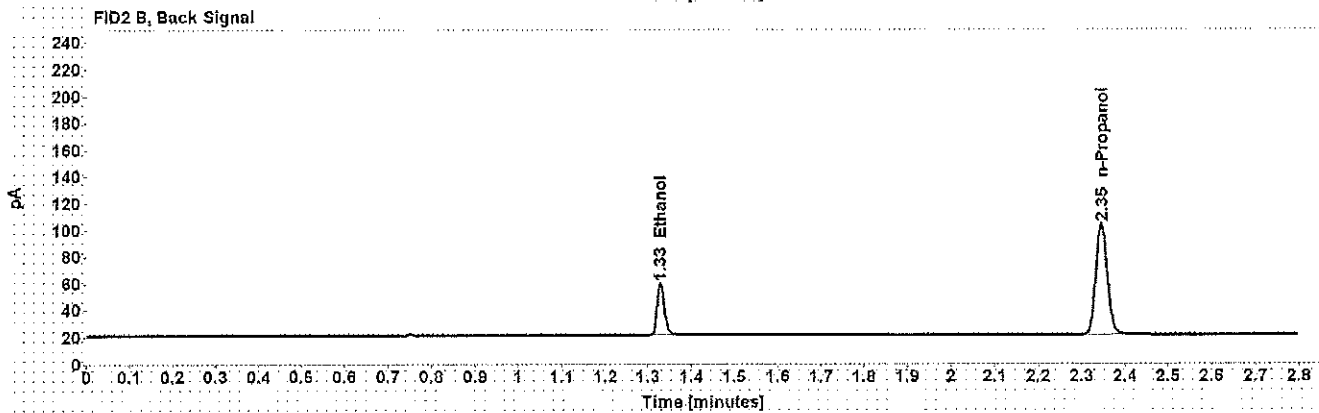
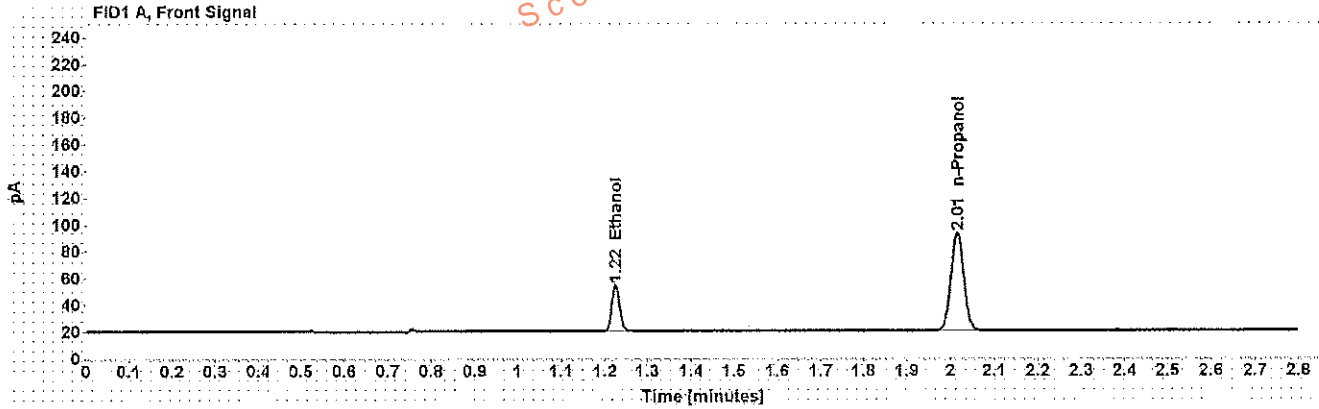


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0802	1.225	44.110
n-Propanol	-----	2.015	149.609

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

Compound	Time (min)	Peak Area
Ethanol	1.329	45.010
n-Propanol	2.346	153.495

# Scottsdale Police Department Crime Lab Volatiles Analysis

WVA

<b>Sample:</b> 0.150 Lipomed 11012012-C	<b>Item number:</b>
<b>Injection date:</b> 1/5/2017 7:03:15 PM	<b>Vial:</b> 31
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Jan17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
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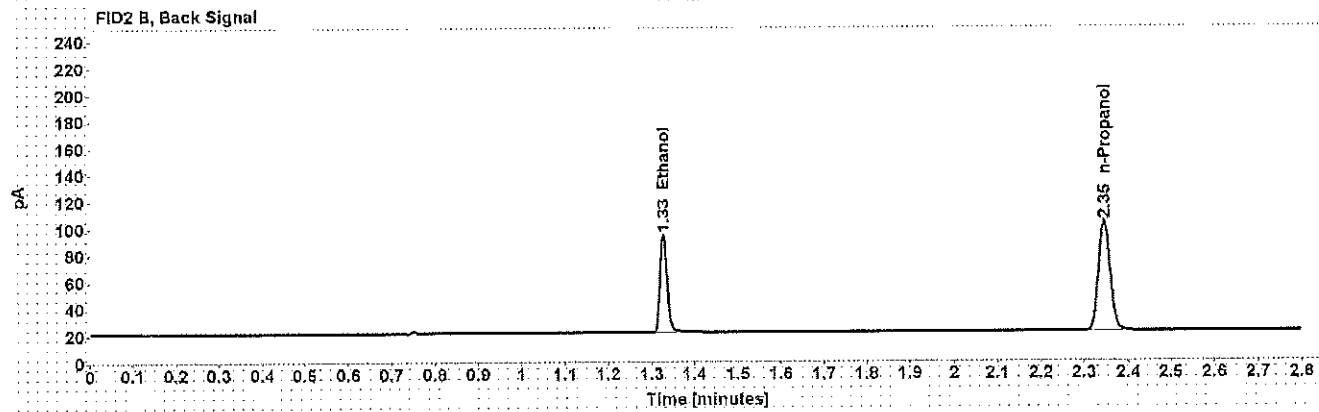
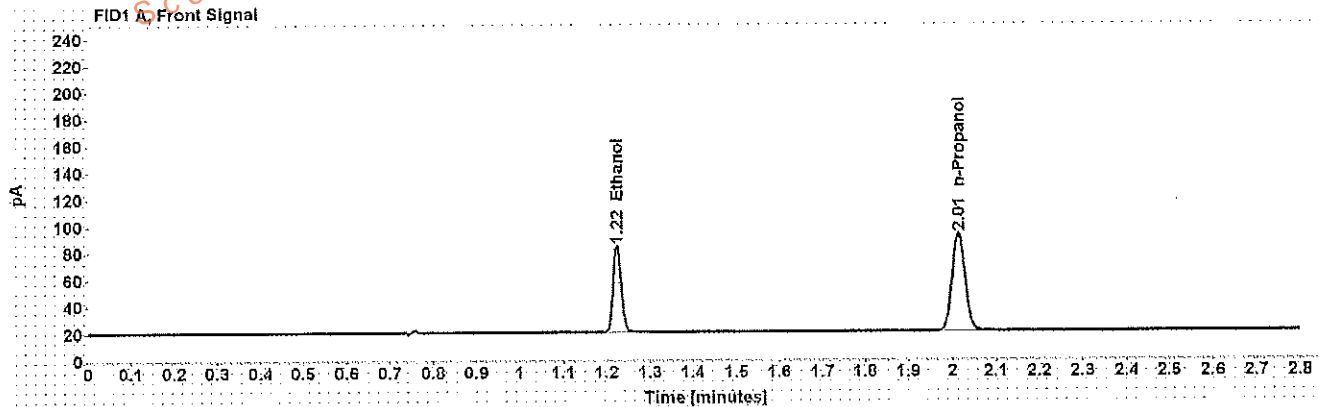


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1501	1.224	82.537
n-Propanol	-----	2.015	148.911

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

Compound	Time (min)	Peak Area
Ethanol	1.327	84.798
n-Propanol	2.345	153.103

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0.20 ACQ 402101060/6	Item number:	
Injection date:	1/5/2017 7:47:30 PM	Vial:	42
Method:	ethanol quant.M	Sequence:	5Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\5Jan17\42.D		

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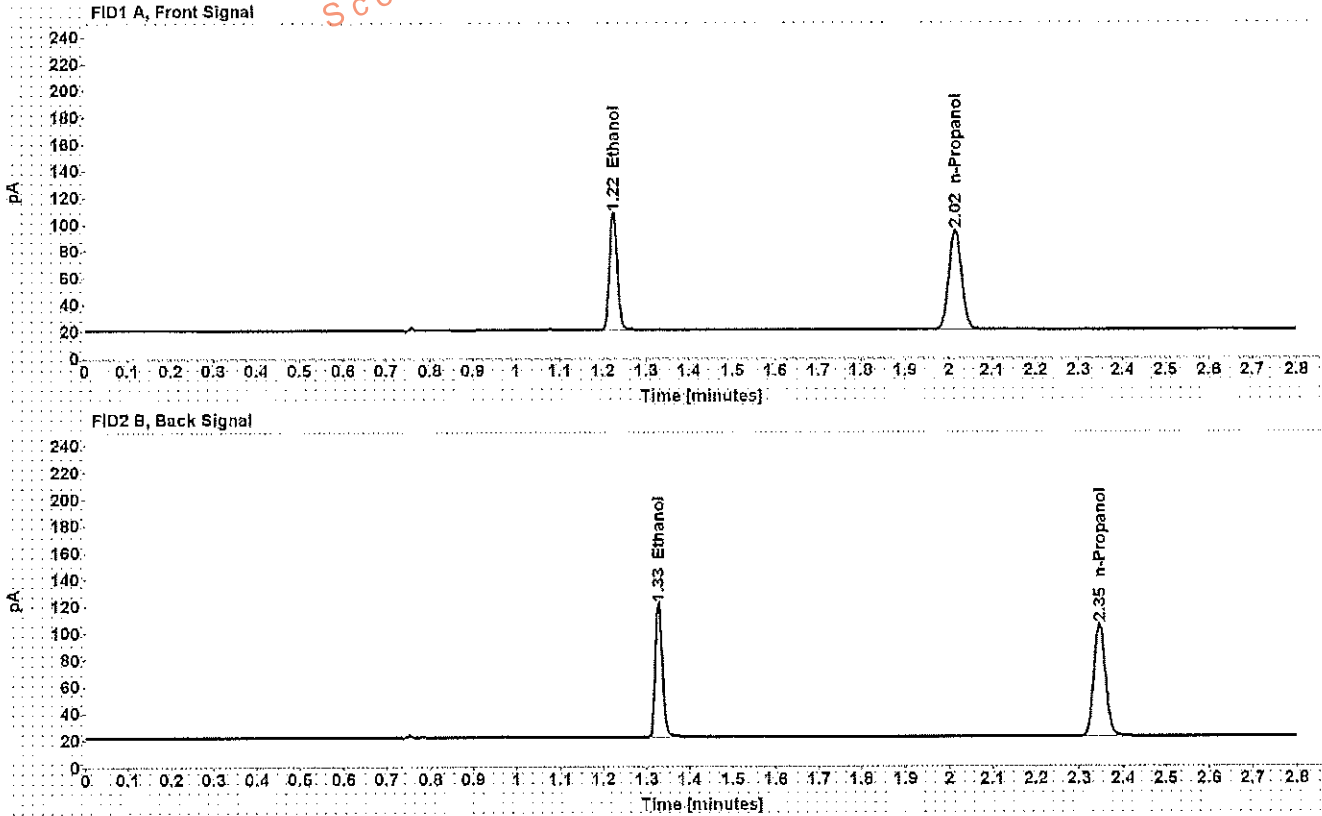


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2003	1.224	112.247
n-Propanol	-----	2.015	151.544

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

Compound	Time (min)	Peak Area
Ethanol	1.328	115.837
n-Propanol	2.346	156.296



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 0.40 Lipomed 05012012-C	<b>Item number:</b>
<b>Injection date:</b> 1/5/2017 8:16:00 PM	<b>Vial:</b> 49
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Jan17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\5Jan17\49.D	

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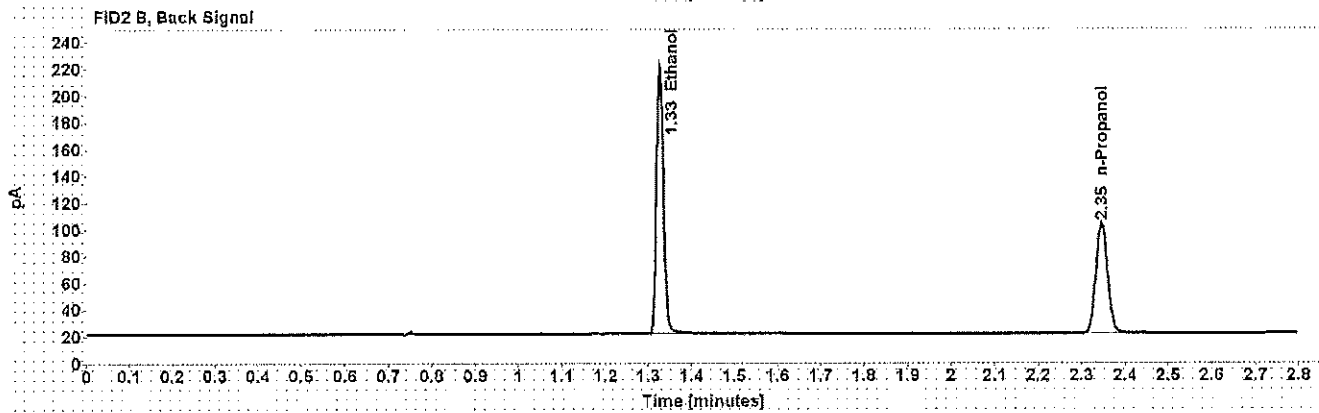
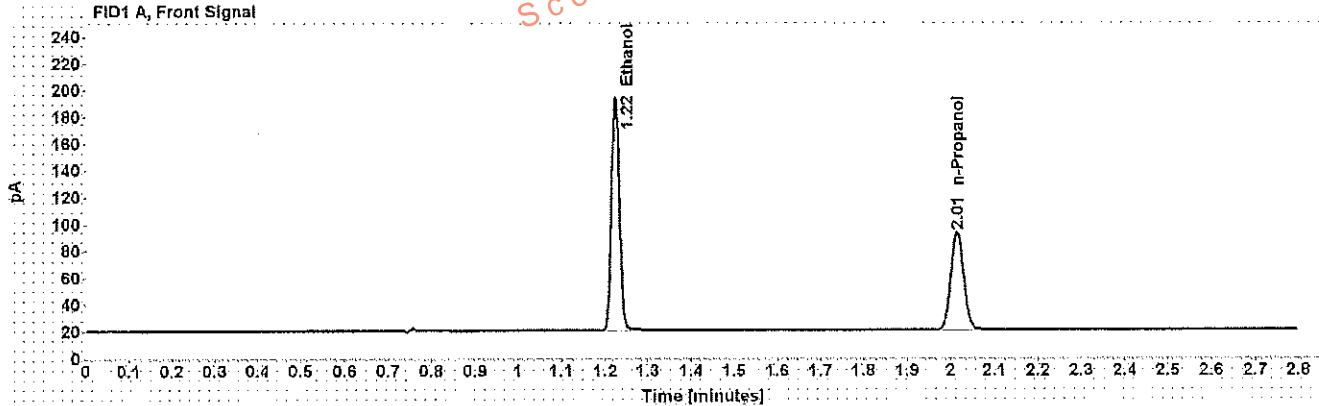


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4020	1.224	222.446
n-Propanol	-----	2.015	149.289

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

Compound	Time (min)	Peak Area
Ethanol	1.327	230.933
n-Propanol	2.346	153.952

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> 0.04 Lipomed 09022015-A	<b>Item number:</b>
<b>Injection date:</b> 1/5/2017 8:20:00 PM	<b>Vial:</b> 50
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Jan17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
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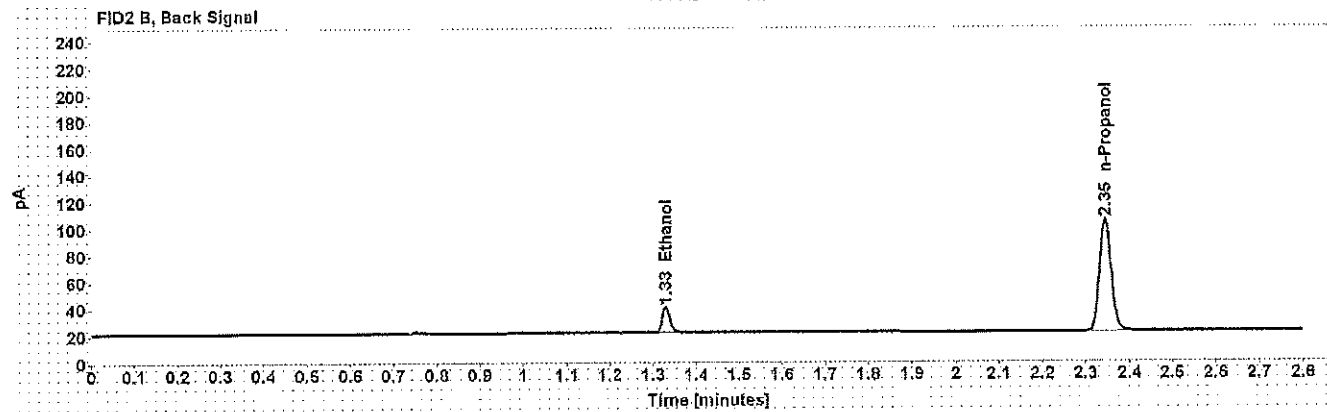
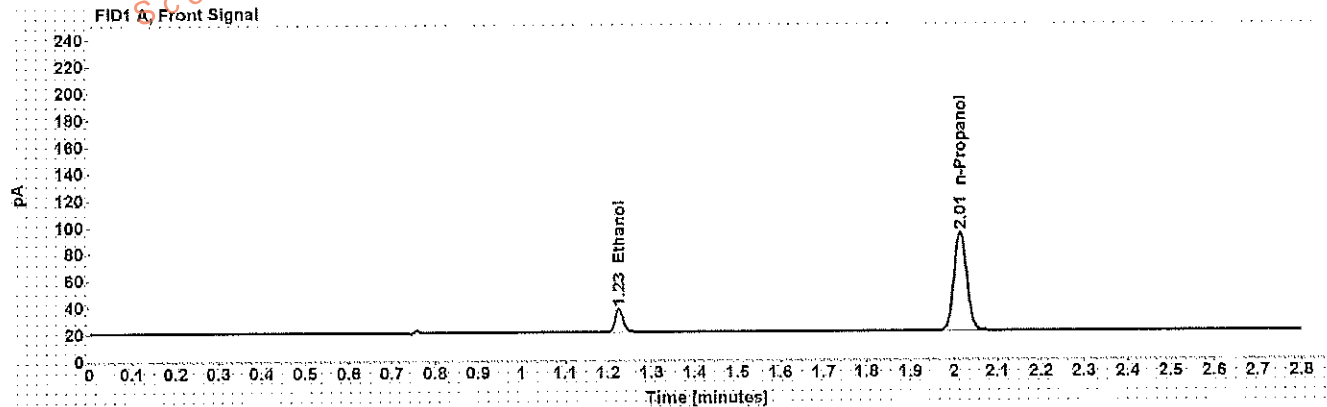


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0401	1.225	21.929
n-Propanol	-----	2.015	150.517

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

Compound	Time (min)	Peak Area
Ethanol	1.329	22.523
n-Propanol	2.346	155.262

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

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<b>Sample:</b> 0.20 ACQ 402101060/6	<b>Item number:</b>
<b>Injection date:</b> 1/5/2017 8:24:01 PM	<b>Vial:</b> 51
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Jan17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
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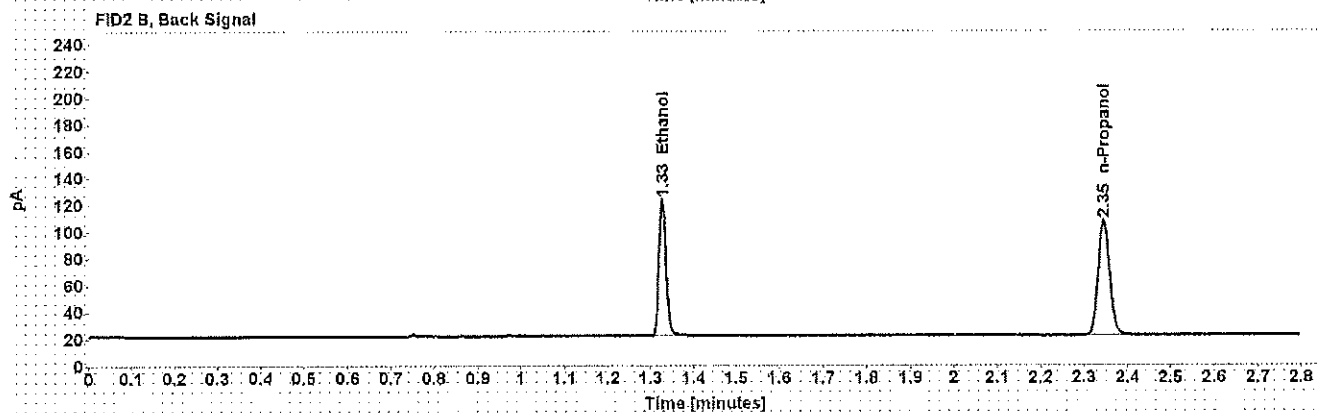
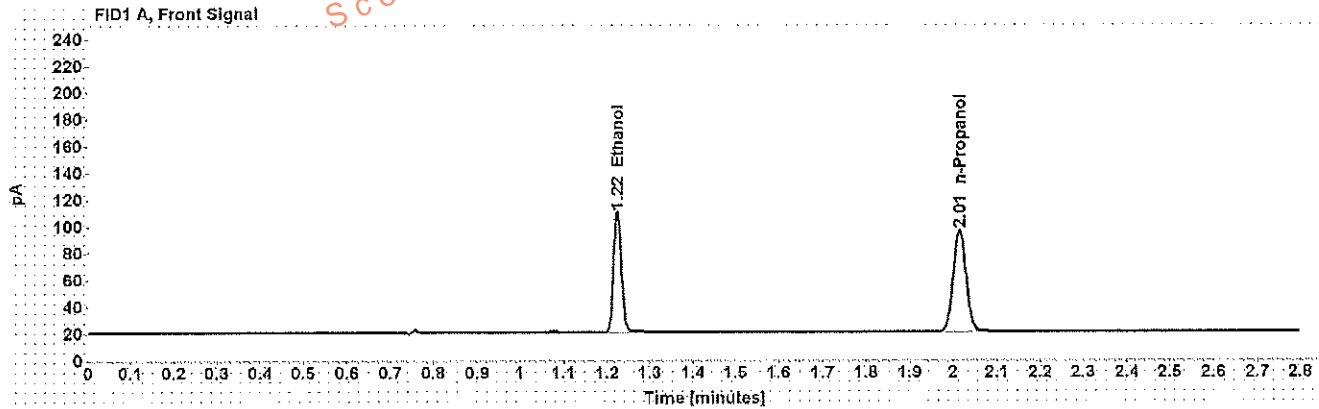


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2018	1.224	115.187
n-Propanol	-----	2.015	154.376

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

Compound	Time (min)	Peak Area
Ethanol	1.328	118.735
n-Propanol	2.346	159.344

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 090816	Item number:
Injection date: 1/5/2017 8:28:00 PM	Vial: 52
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Jan17\52.D	

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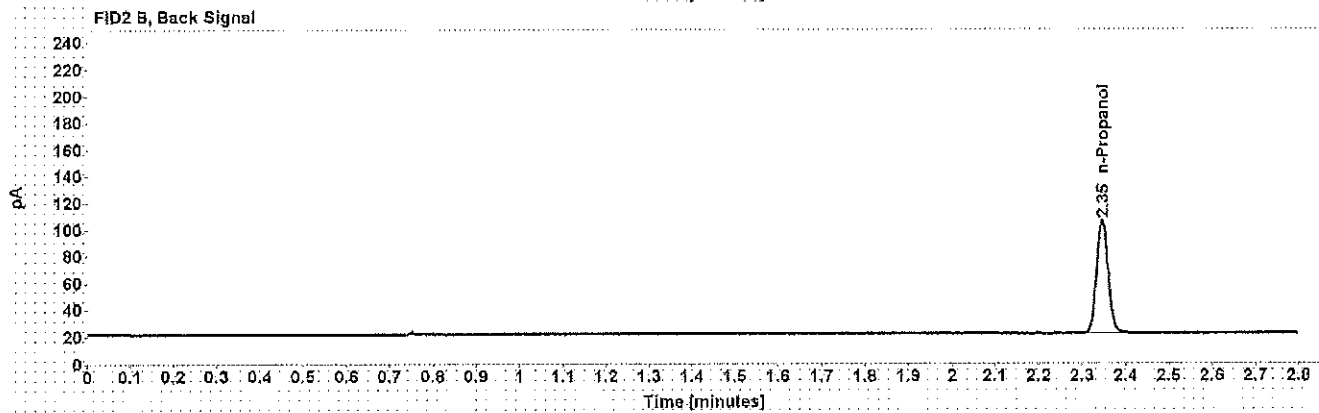
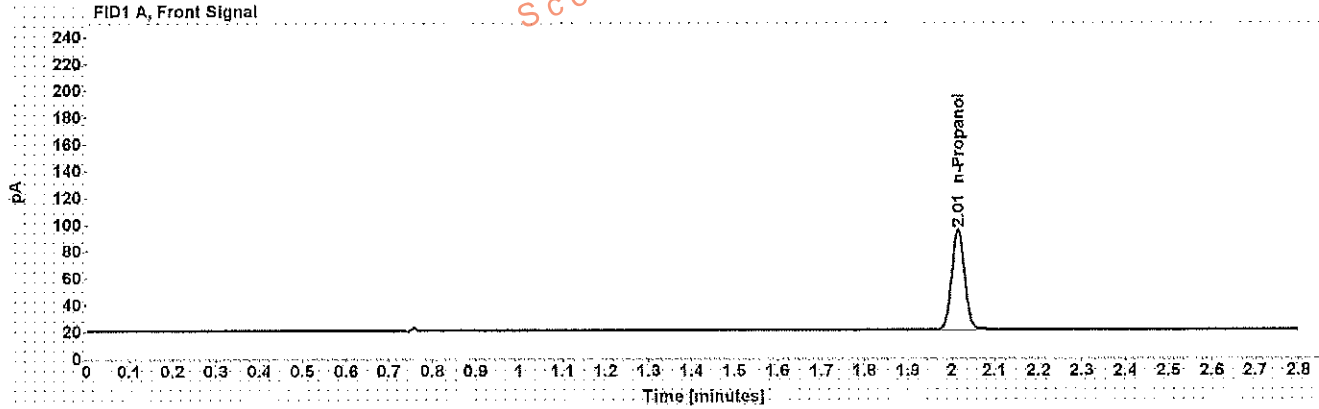


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	152.622

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

Compound	Time (min)	Peak Area
n-Propanol	2.346	157.357

# Sequence Summary

WA

Sequence name: 5Jan17 Instrument: US14173023 CN14160045 Analyst: Adrian

Vial	Sample	Type	Item Number	Method
1	0.020 Cerilliant FN08101401	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 090816	Control		ethanol quant.M
6	volatiles mix 053116 WLA	Control		ethanol quant.M
7	0.400 Lipomed 05012012-C	Control		ethanol quant.M
8	0.040 Lipomed 09022015-A	Control		ethanol quant.M
9	0.20 ACQ 402101060/6	Control		ethanol quant.M
10		Sample	1076342	ethanol quant.M
11		Sample	1076342	ethanol quant.M
12		Sample	1073445	ethanol quant.M
13		Sample	1073445	ethanol quant.M
14		Sample	1112940	ethanol quant.M
15		Sample	1112940	ethanol quant.M
16		Sample	1126670	ethanol quant.M
17		Sample	1126670	ethanol quant.M
18		Sample	1125208	ethanol quant.M
19		Sample	1125208	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21		Sample	1126184	ethanol quant.M
22		Sample	1126184	ethanol quant.M
23		Sample	1125579	ethanol quant.M
24		Sample	1125579	ethanol quant.M
25		Sample	1126646	ethanol quant.M
26		Sample	1126646	ethanol quant.M
27		Sample	1126511	ethanol quant.M
28		Sample	1126511	ethanol quant.M
29		Sample	1126597	ethanol quant.M
30		Sample	1126597	ethanol quant.M
31	0.150 Lipomed 11012012-C	Control		ethanol quant.M
32		Sample	1125192	ethanol quant.M
33		Sample	1125192	ethanol quant.M
34		Sample	1125700	ethanol quant.M
35		Sample	1125700	ethanol quant.M
36		Sample	1126527	ethanol quant.M
37		Sample	1126527	ethanol quant.M
38		Sample	1125810	ethanol quant.M
39		Sample	1125810	ethanol quant.M
40		Sample	1126600	ethanol quant.M
41		Sample	1126600	ethanol quant.M
42	0.20 ACQ 402101060/6	Control		ethanol quant.M
43		Sample	1126371	ethanol quant.M
44		Sample	1126371	ethanol quant.M
45		Sample	1129427	ethanol quant.M
46		Sample	1129427	ethanol quant.M
47		Sample	1129595	ethanol quant.M

# Sequence Summary

WA

48		Sample	1129595	ethanol quant.M
49	0.40 Lipomed 05012012-C	Control		ethanol quant.M
50	0.04 Lipomed 09022015-A	Control		ethanol quant.M
51	0.20 ACQ 402101060/6	Control		ethanol quant.M
52	blank 090816	Control		ethanol quant.M

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## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1076342
Injection date: 1/5/2017 5:38:15 PM	Vial: 10
Method: ethanol quant M	Sequence: 5Jan17
Instrument: US14173023 CN14160049	Analyst: Adrian
Data file: C:\Chem3211\Data\5Jan17\10.D	

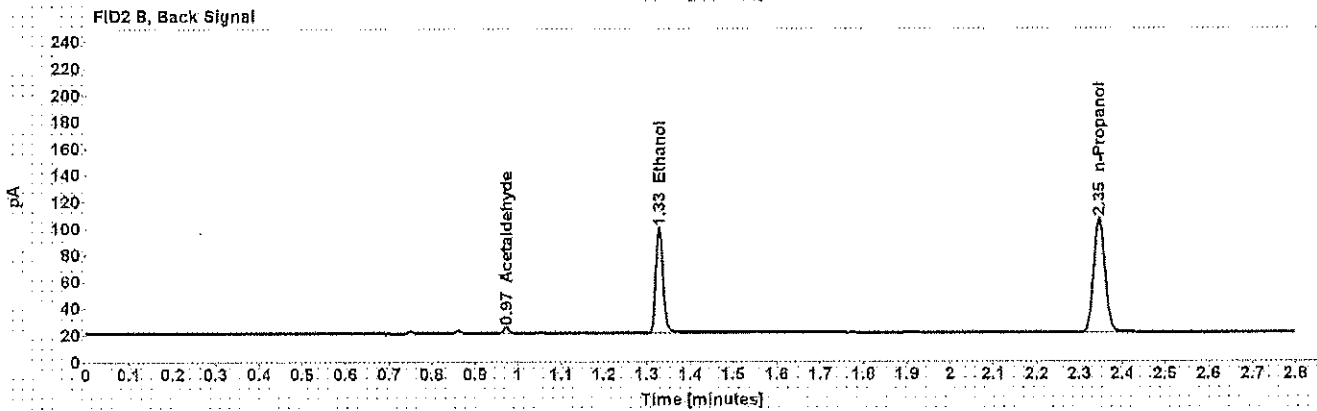
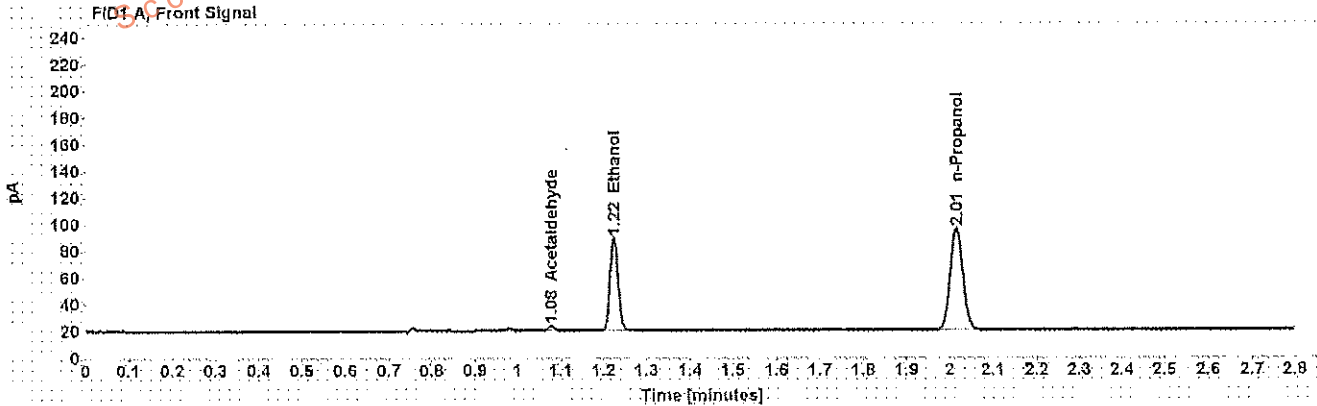


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.763
>Ethanol	0.1560	1.224	89.276
n-Propanol	-----	2.015	154.937

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.998
Ethanol	1.328	91.639
n-Propanol	2.346	159.290

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1076342
Injection date:	1/5/2017 5:42:15 PM	Vial:	11
Method:	ethanol quant.M	Sequence:	5Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\5Jan17\11.D		

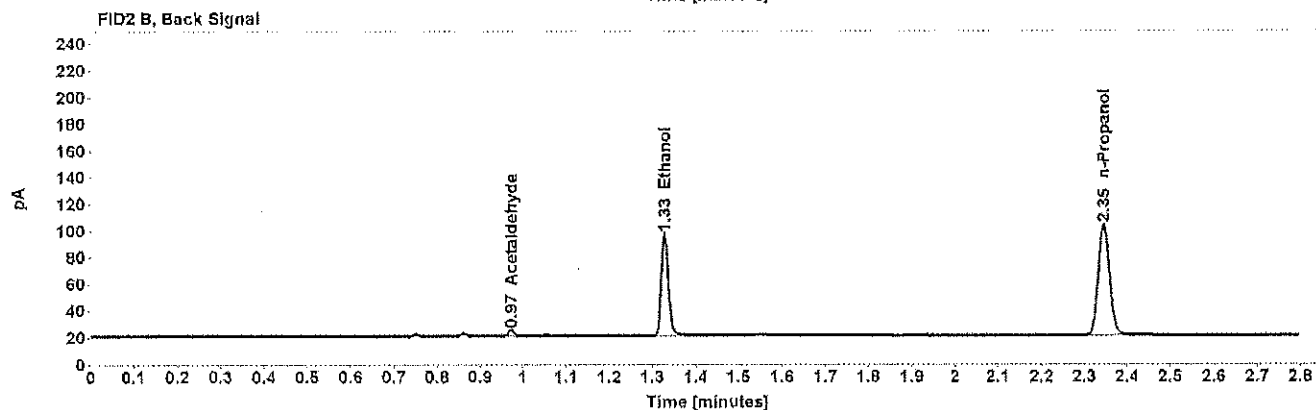
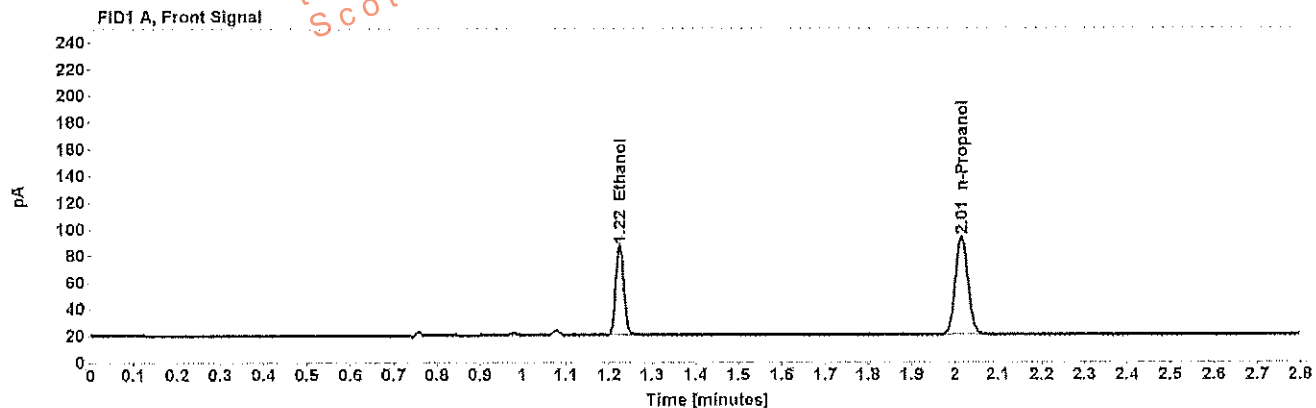


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1556	1.225	86.167
n-Propanol	-----	2.015	149.919

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.979
Ethanol	1.328	88.503
n-Propanol	2.346	154.041

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1073445
Injection date:	1/5/2017 5:46:15 PM	Vial:	12
Method:	ethanol quant.M	Sequence:	5Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\5Jan17\12.D		

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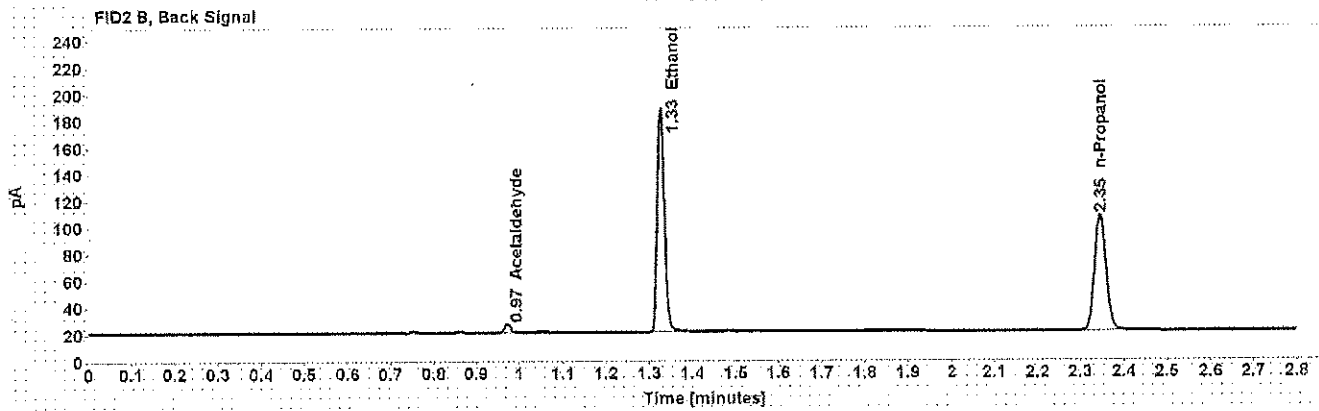
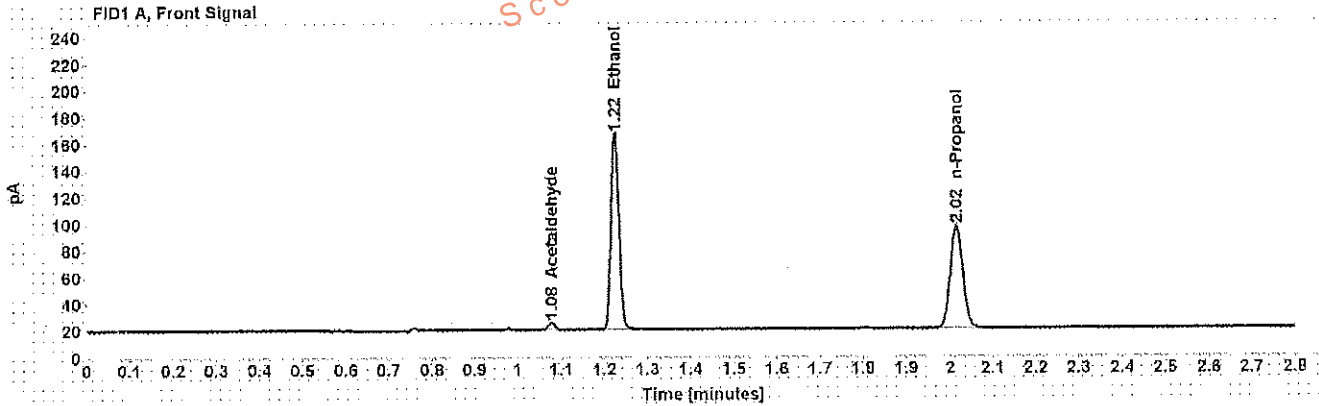


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.573
>Ethanol	0.3263	1.224	188.760
n-Propanol	-----	2.015	156.152

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.944
Ethanol	1.328	194.308
n-Propanol	2.346	160.538

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1073445
<b>Injection date:</b> 1/5/2017 5:50:31 PM	<b>Vial:</b> 13
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Jan17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\5Jan17\13.D	

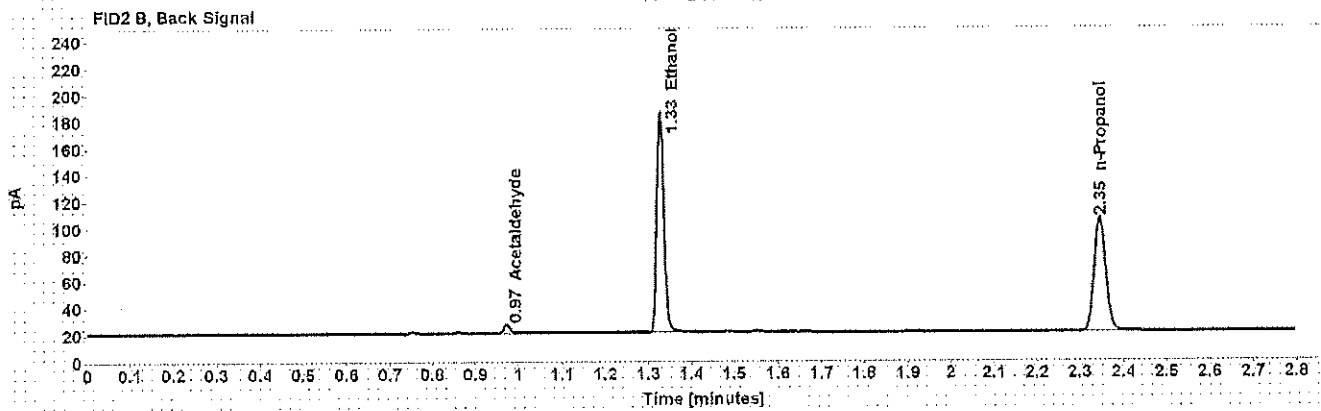
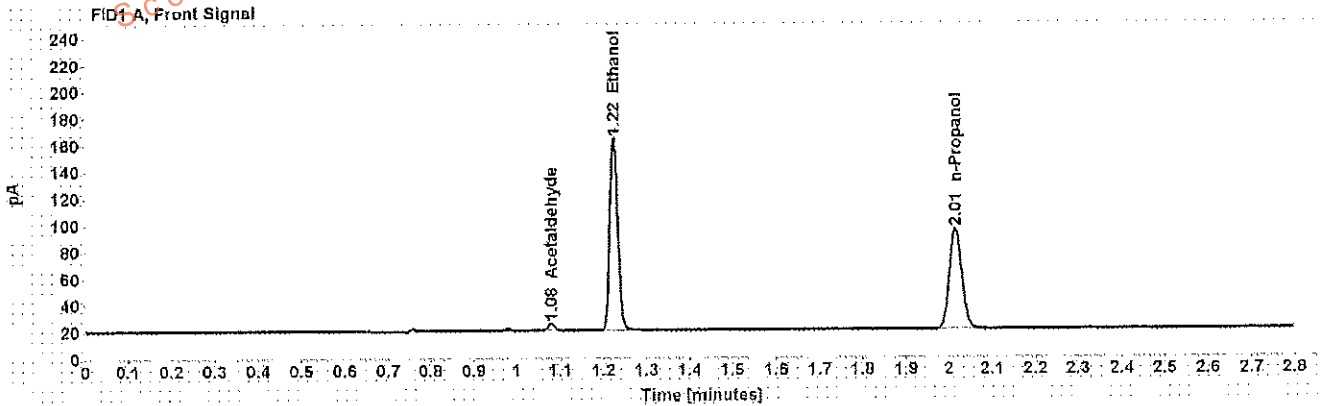


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.472
>Ethanol	0.3258	1.224	185.147
n-Propanol	-----	2.015	153.423

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.810
Ethanol	1.328	190.735
n-Propanol	2.346	157.954



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1112940
Injection date:	1/5/2017 5:54:30 PM	Vial:	14
Method:	ethanol quant.M	Sequence:	5Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\5Jan17\14.D		

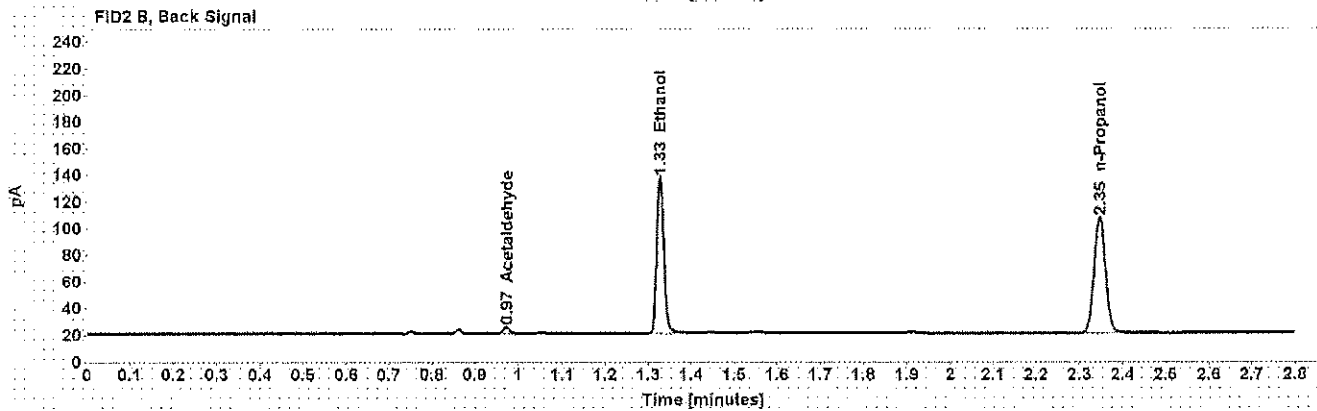
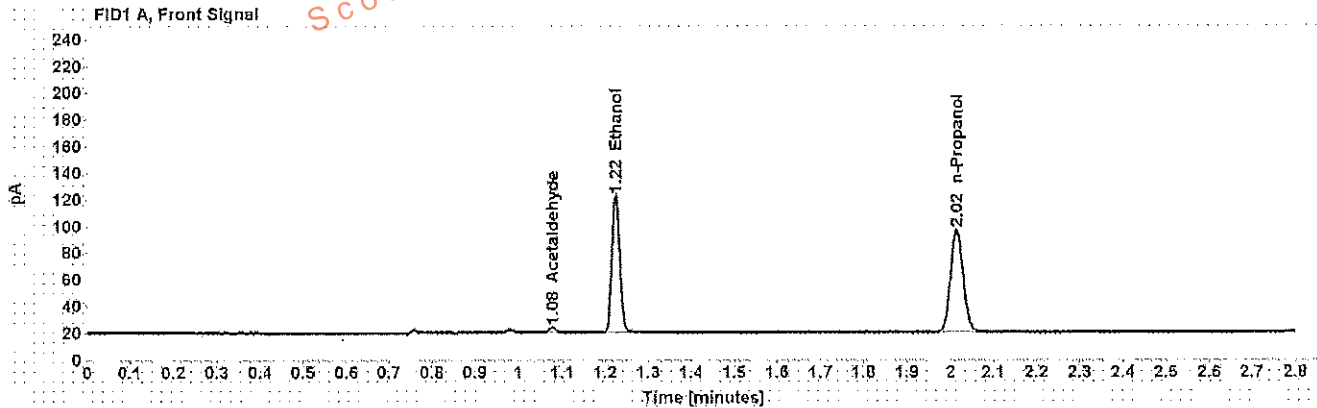


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.077
>Ethanol	0.2285	1.224	132.062
n-Propanol	-----	2.015	156.180

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.365
Ethanol	1.328	136.591
n-Propanol	2.346	160.709



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1112940
Injection date:	1/5/2017 5:58:30 PM	Vial:	15
Method:	ethanol quant.M	Sequence:	5Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\5Jan17\15.D		

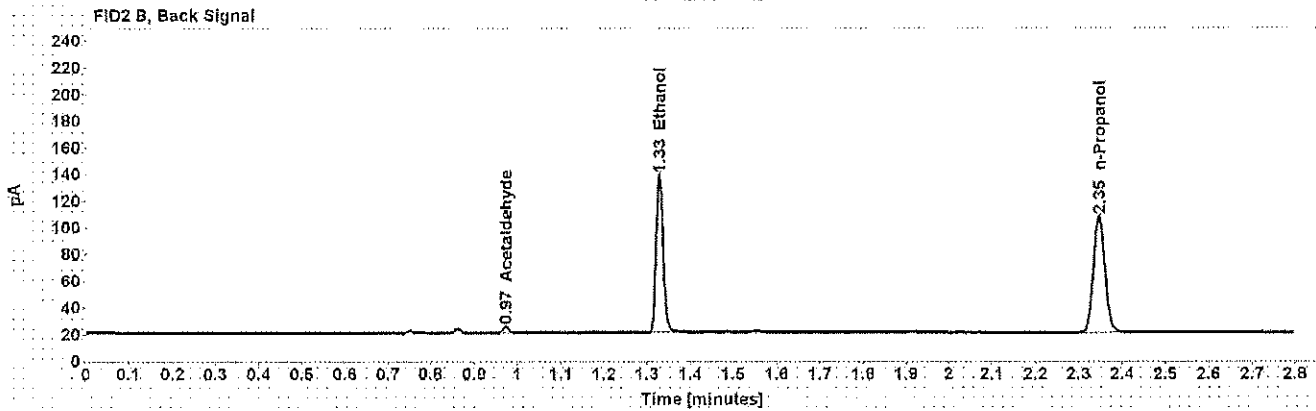
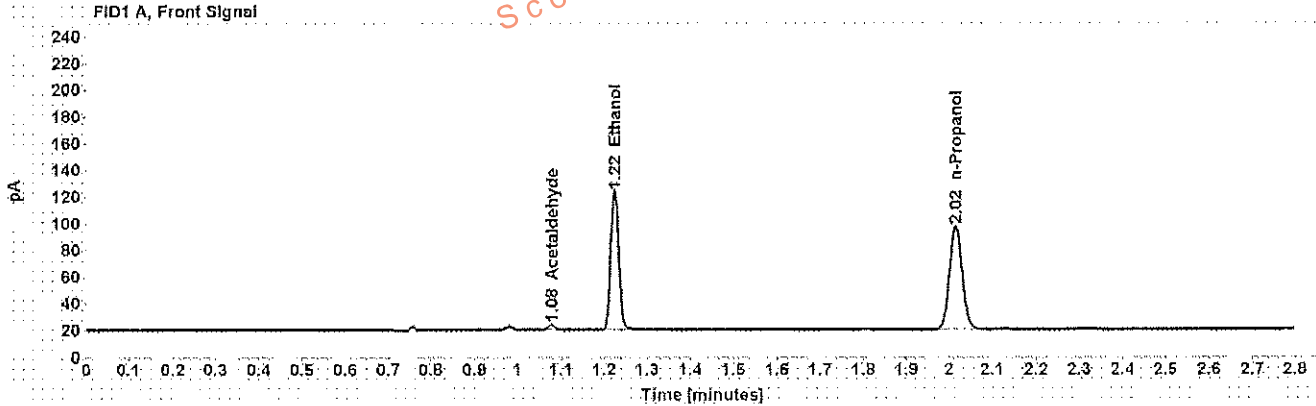


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.966
>Ethanol	0.2287	1.224	133.100
n-Propanol	-----	2.015	157.291

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.241
Ethanol	1.328	136.867
n-Propanol	2.346	162.010

Case: [REDACTED] User: wadrian 1/6/2017

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1126670
Injection date:	1/5/2017 6:02:32 PM	Vial:	16
Method:	ethanol quant M	Sequence:	5Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\Data\5Jan17\16.D		

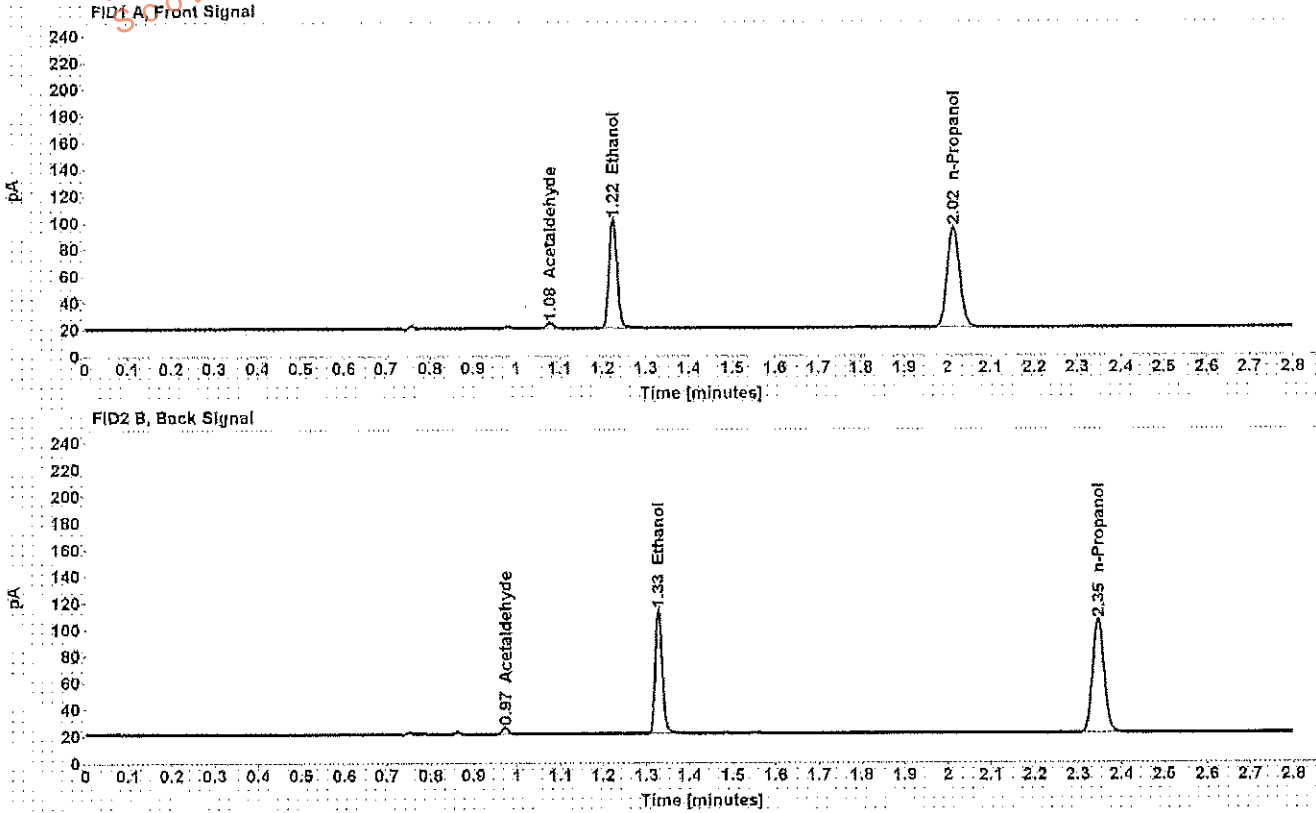


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.300
>Ethanol	0.1849	1.225	104.997
n-Propanol	-----	2.015	153.609

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.617
Ethanol	1.328	107.936
n-Propanol	2.346	157.900

Case: [REDACTED] User: wadrian 1/6/2017

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1126670
Injection date: 1/5/2017 6:06:30 PM	Vial: 17
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Jan17\17.D	

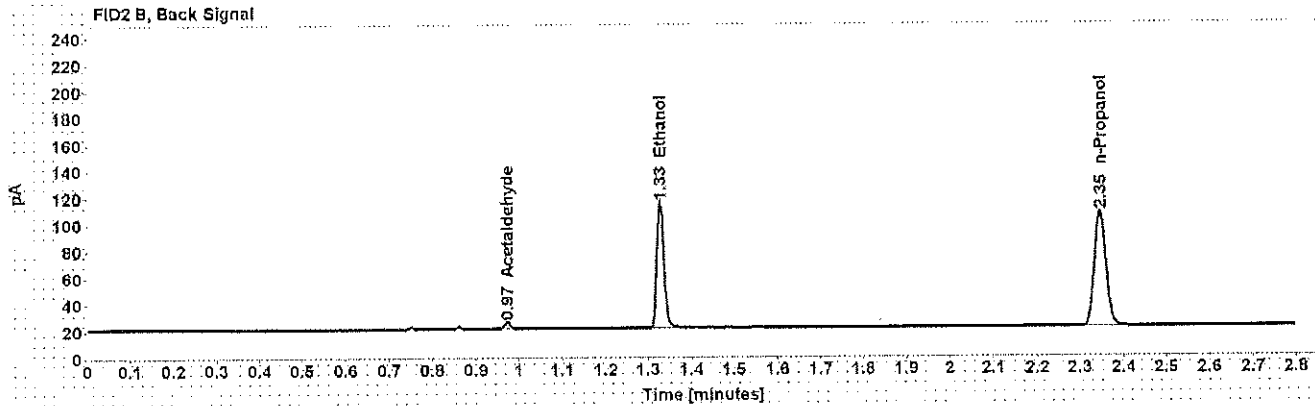
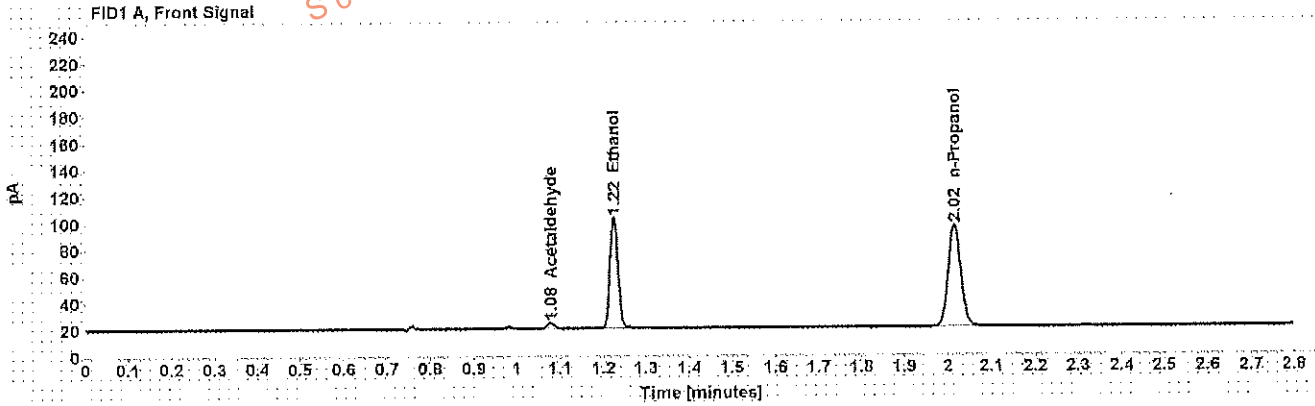


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.335
>Ethanol	0.1851	1.224	106.550
n-Propanol	-----	2.015	155.709

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.652
Ethanol	1.328	109.517
n-Propanol	2.346	159.731

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1125208
Injection date: 1/5/2017 6:10:30 PM	Vial: 18
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Jan17\18.D	

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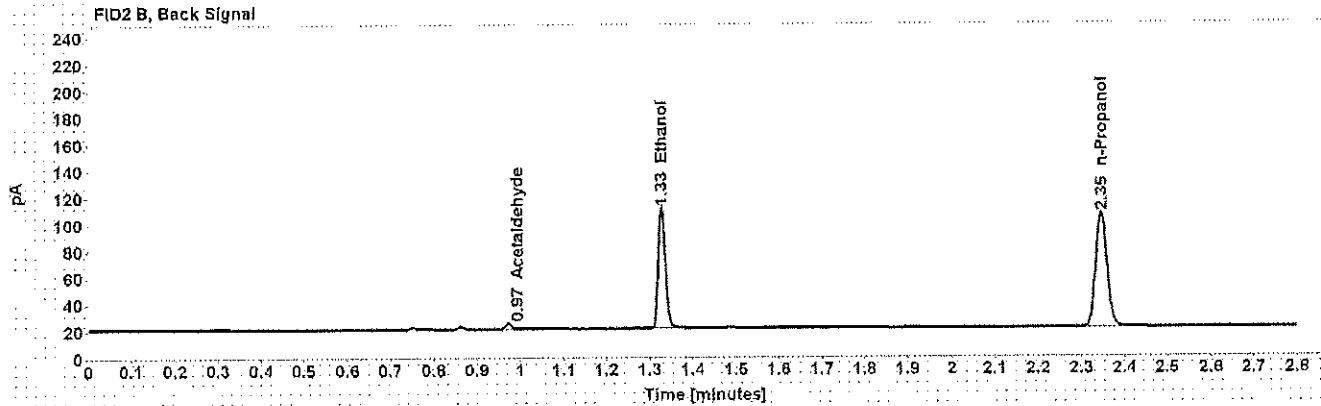
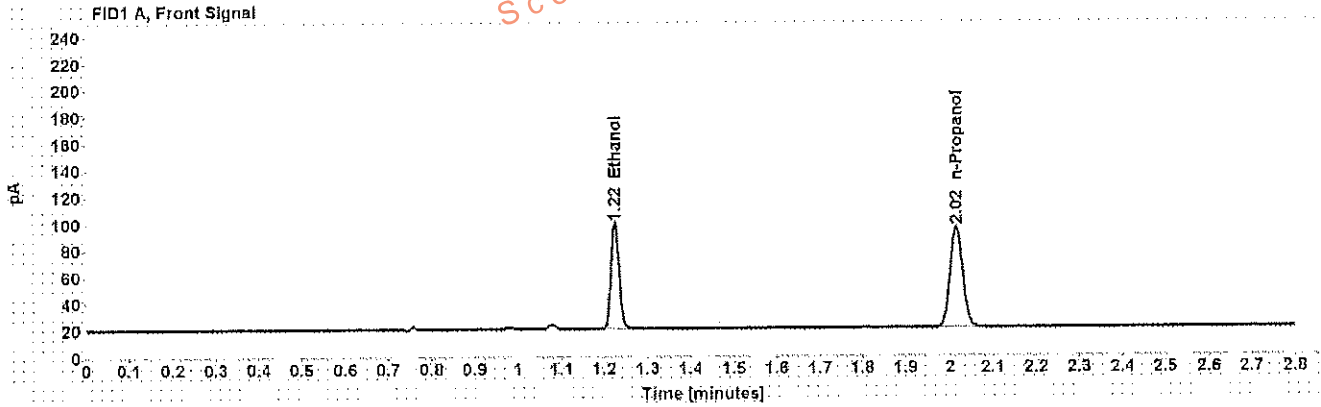


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1789	1.225	102.010
n-Propanol	-----	2.015	154.261

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.891
Ethanol	1.328	104.734
n-Propanol	2.346	158.113

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1125208
<b>Injection date:</b> 1/5/2017 6:14:45 PM	<b>Vial:</b> 19
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Jan17
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<b>Data file:</b> C:\Chem3211\Data\5Jan17\19.D	

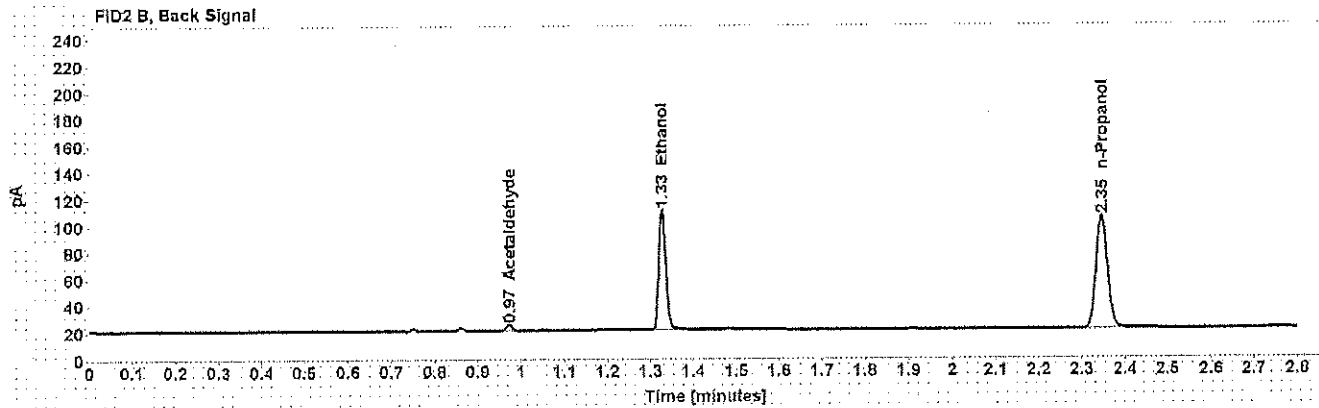
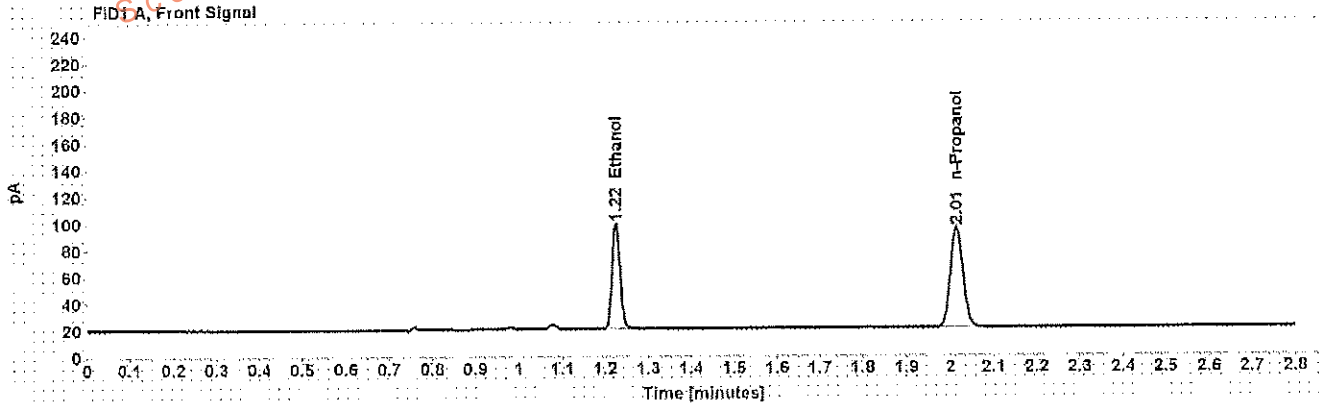


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1798	1.224	101.407
n-Propanol	-----	2.015	152.596

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.966
Ethanol	1.328	104.144
n-Propanol	2.346	156.775

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1126184
Injection date: 1/5/2017 6:22:45 PM	Vial: 21
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1\Data\5Jan17\21.D	

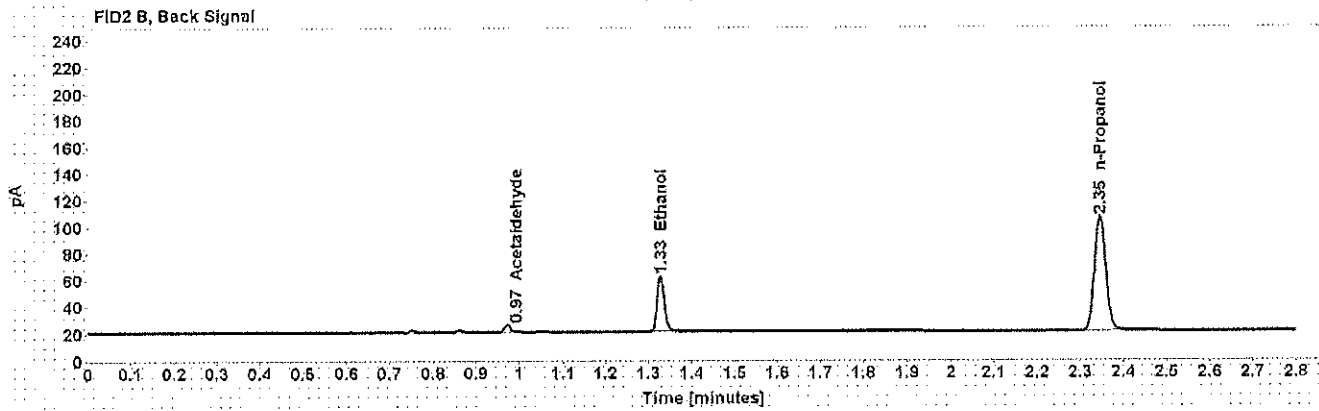
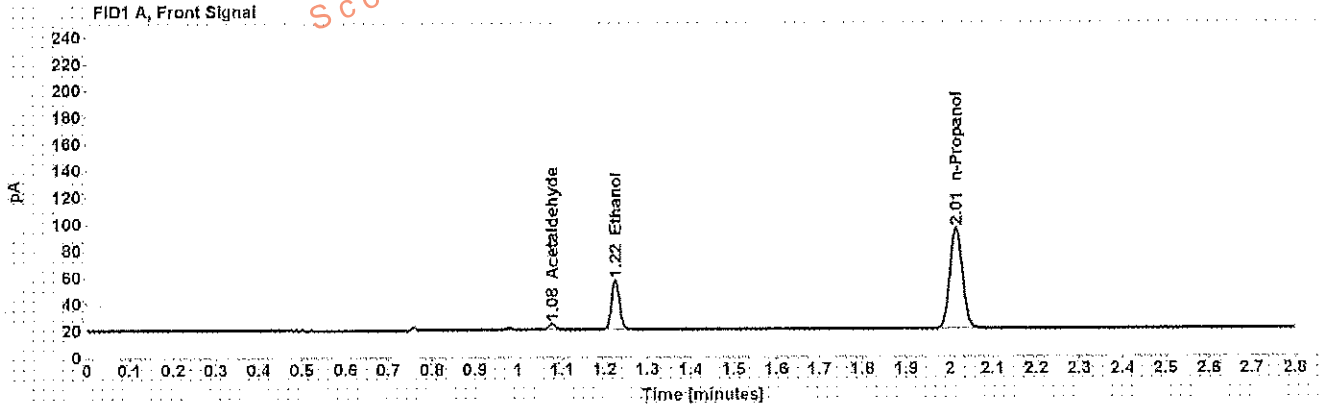


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.738
>Ethanol	0.0834	1.225	47.366
n-Propanol	-----	2.015	154.424

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.046
Ethanol	1.329	48.940
n-Propanol	2.346	158.805



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1126184
Injection date:	1/5/2017 6:26:46 PM	Vial:	22
Method:	ethanol quant.M	Sequence:	5Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\5Jan17\22.D		

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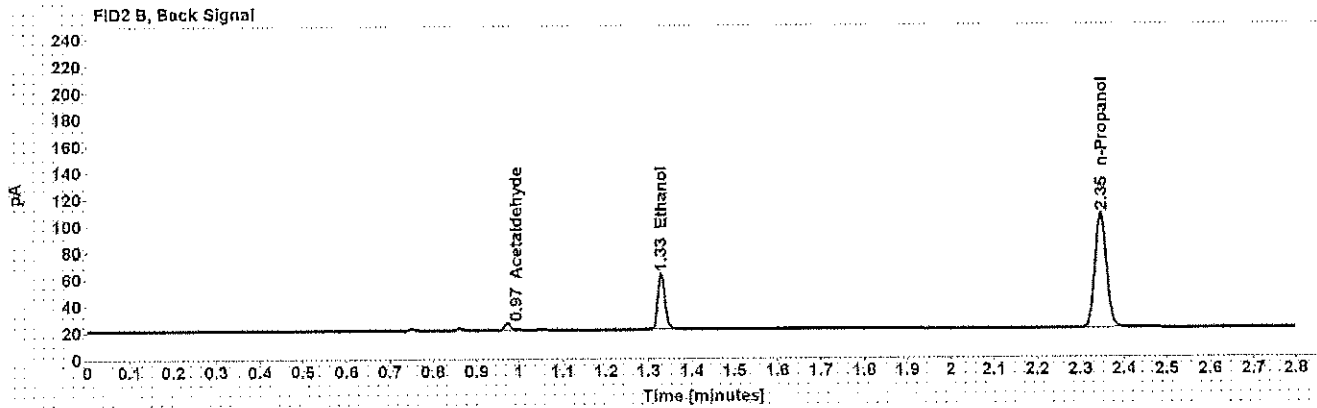
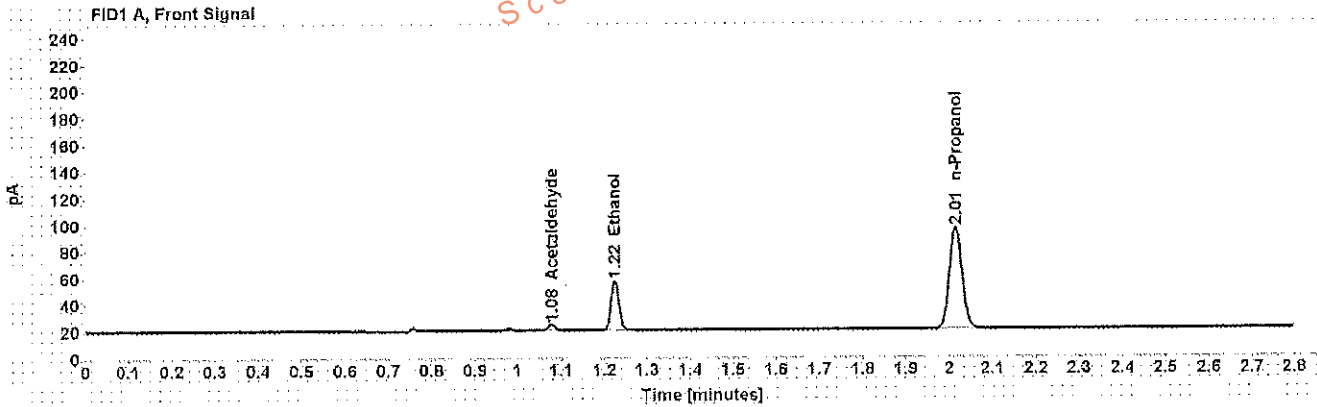


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.638
>Ethanol	0.0839	1.225	47.816
n-Propanol	-----	2.015	155.069

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.960
Ethanol	1.329	49.334
n-Propanol	2.346	159.613

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1125579
Injection date: 1/5/2017 6:30:45 PM	Vial: 23
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Jan17\23.D	

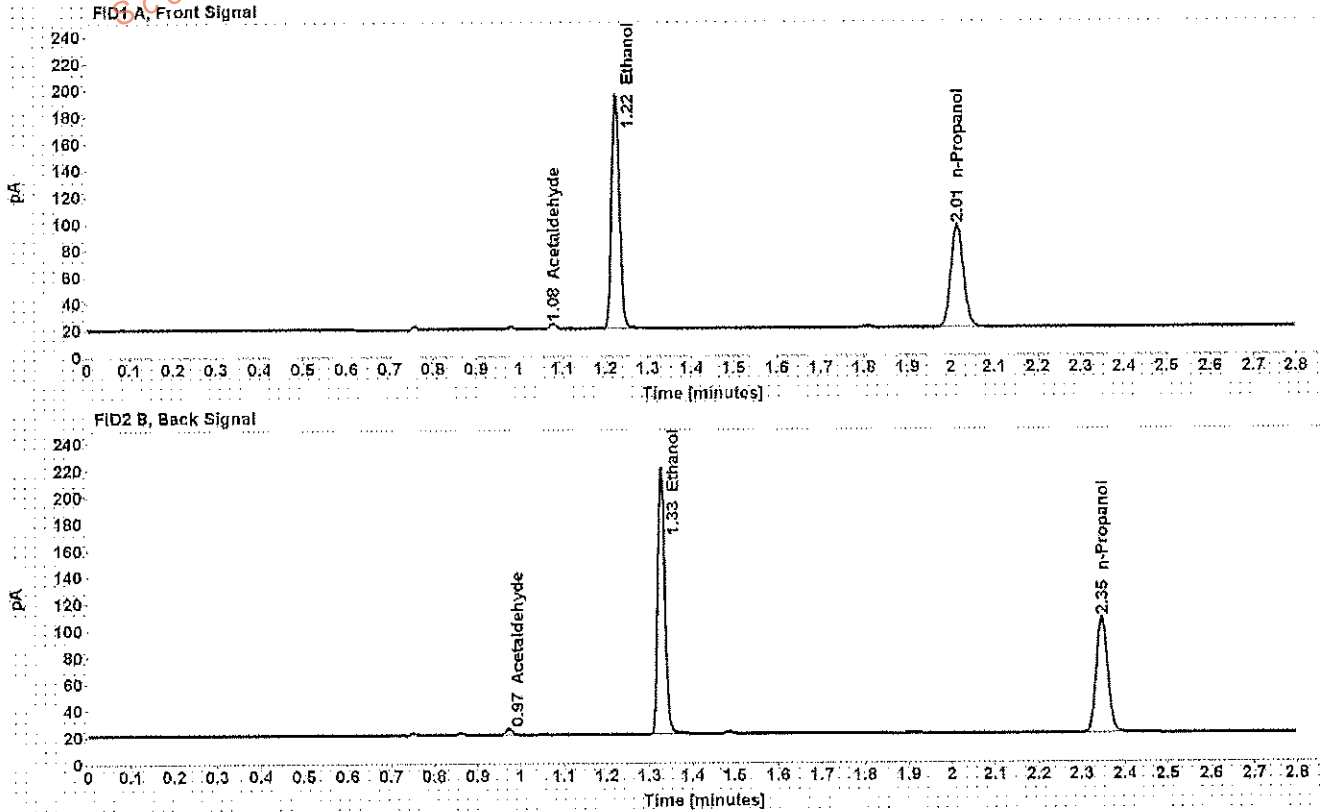


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.148
>Ethanol	0.3864	1.224	223.884
n-Propanol	-----	2.015	156.345

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.449
Ethanol	1.327	230.788
n-Propanol	2.346	160.349

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1125579
<b>Injection date:</b> 1/5/2017 6:34:45 PM	<b>Vial:</b> 24
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Jan17
<b>Instrument:</b> US14173023.CN14160045	<b>Analyst:</b> Adrian
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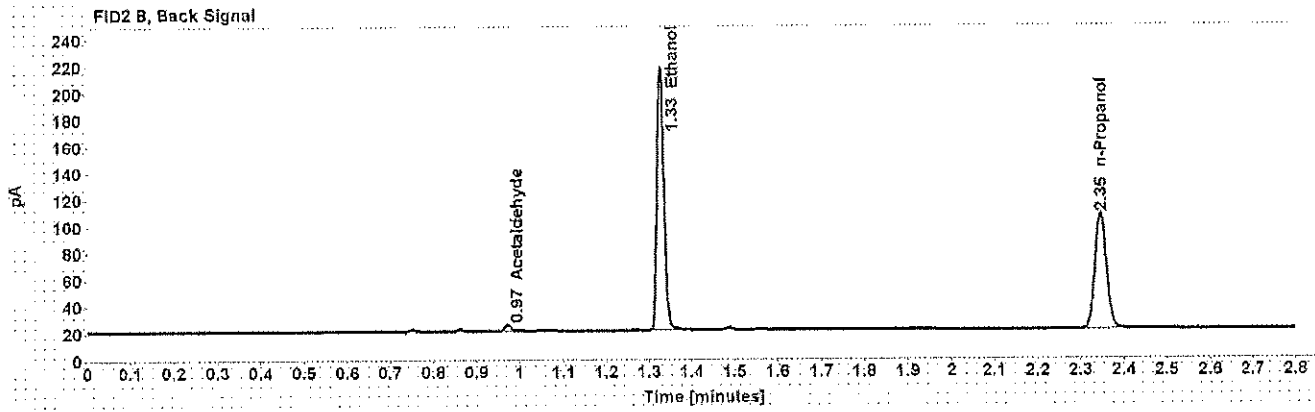
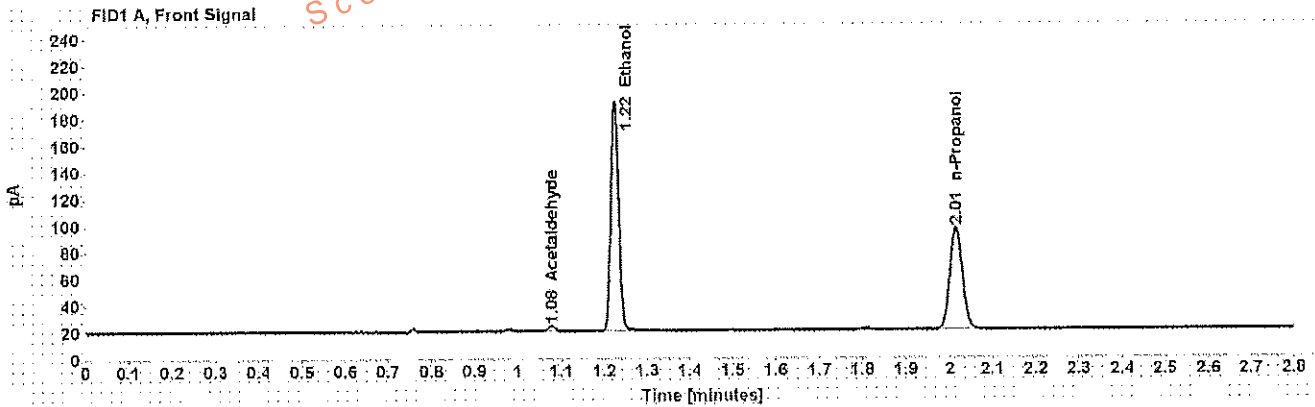


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.139
>Ethanol	0.3819	1.224	220.765
n-Propanol	-----	2.015	155.979

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.410
Ethanol	1.327	227.553
n-Propanol	2.346	160.129

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1126646
Injection date:	1/5/2017 6:39:00 PM	Vial:	25
Method:	ethanol quant.M	Sequence:	5Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\5Jan17\25.D		

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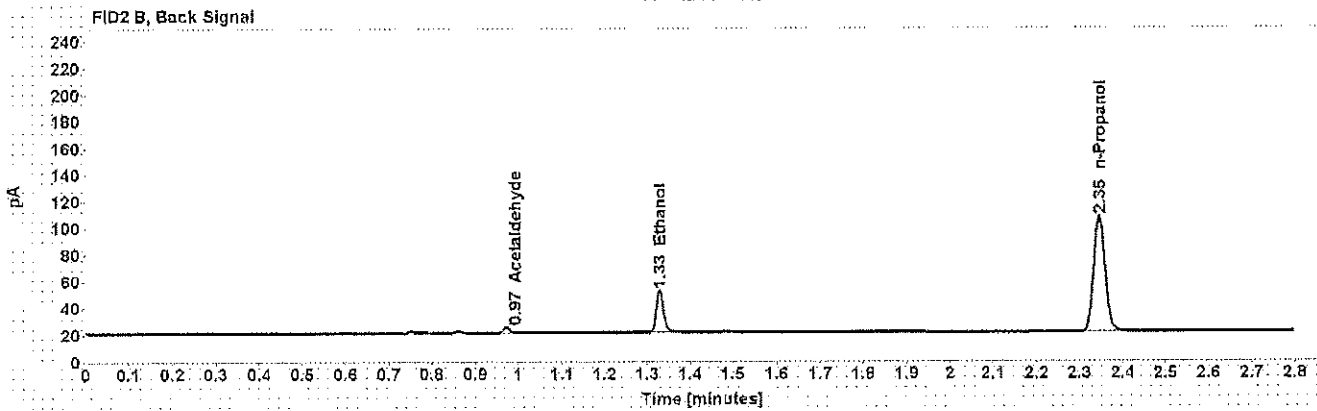
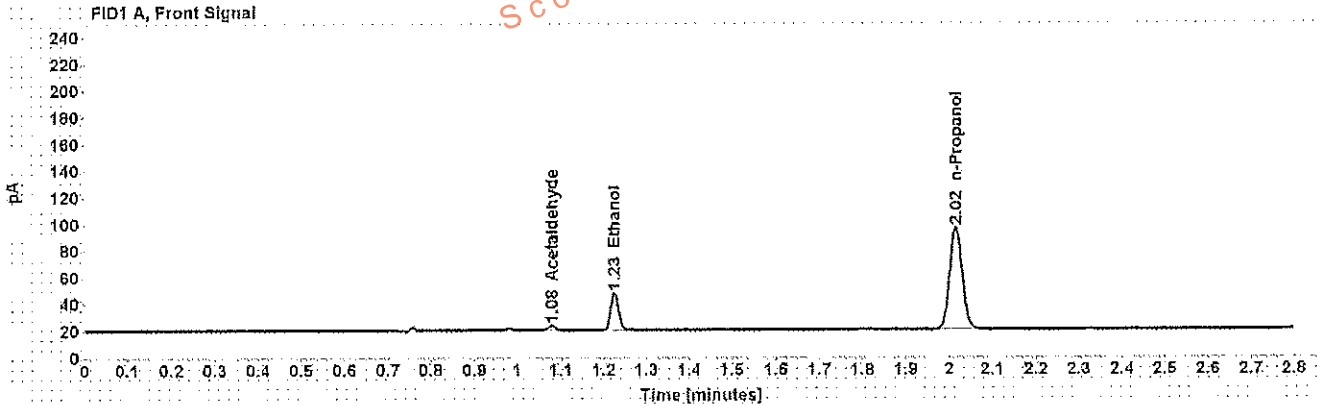


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.776
>Ethanol	0.0627	1.225	35.734
n-Propanol	-----	2.015	155.566

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.049
Ethanol	1.329	37.284
n-Propanol	2.346	160.000

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1126646
Injection date: 1/5/2017 6:43:00 PM	Vial: 26
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\5Jan17\26.D	

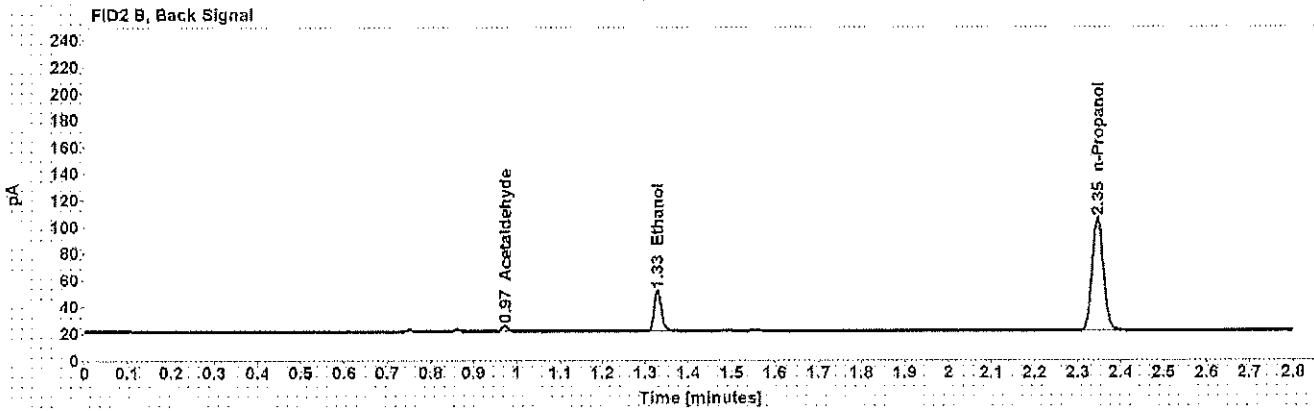
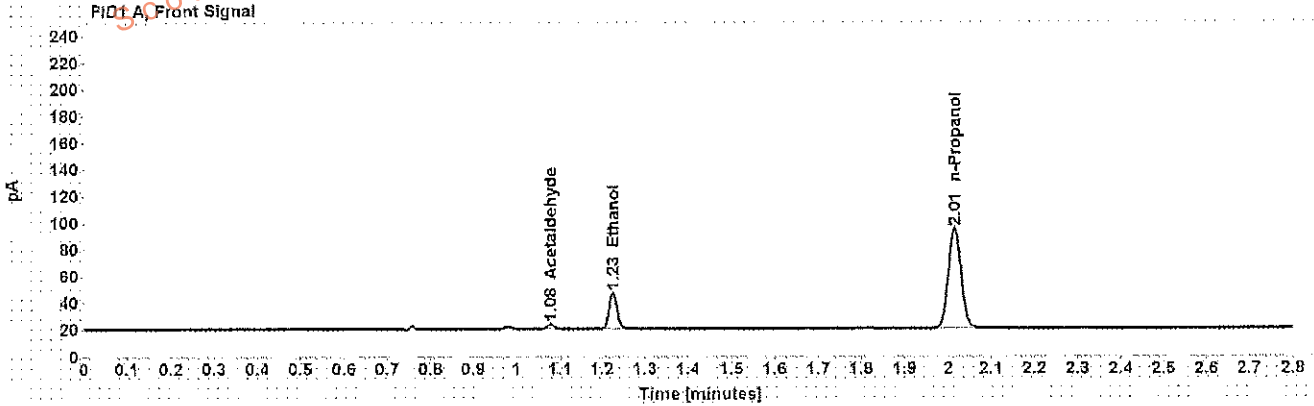


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.774
>Ethanol	0.0824	1.225	34.773
n-Propanol	-----	2.015	152.229

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.038
Ethanol	1.329	35.965
n-Propanol	2.346	156.669

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1126511
Injection date:	1/5/2017 6:47:01 PM	Vial:	27
Method:	ethanol quant.M	Sequence:	5Jan17
Instrument:	US14173023.CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\Data\5Jan17\27.D		

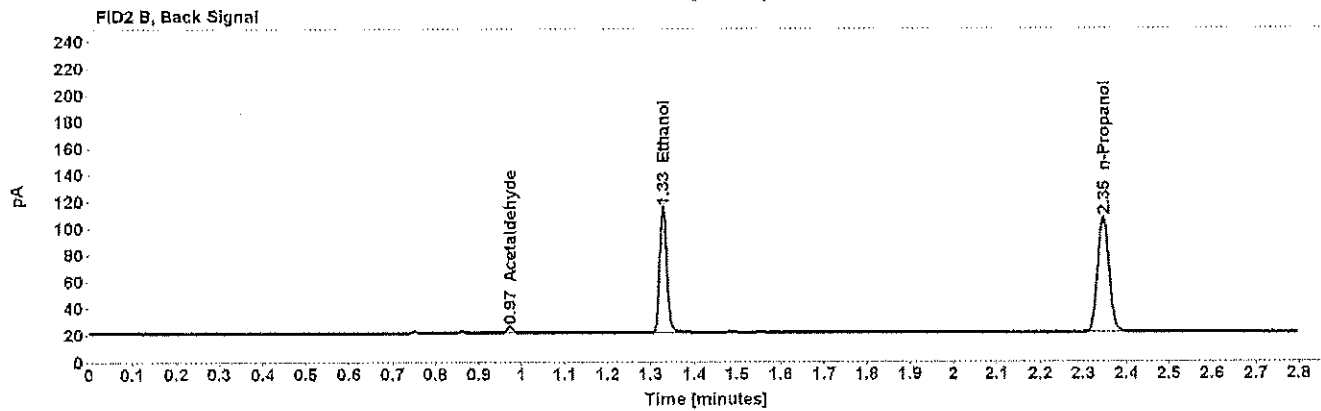
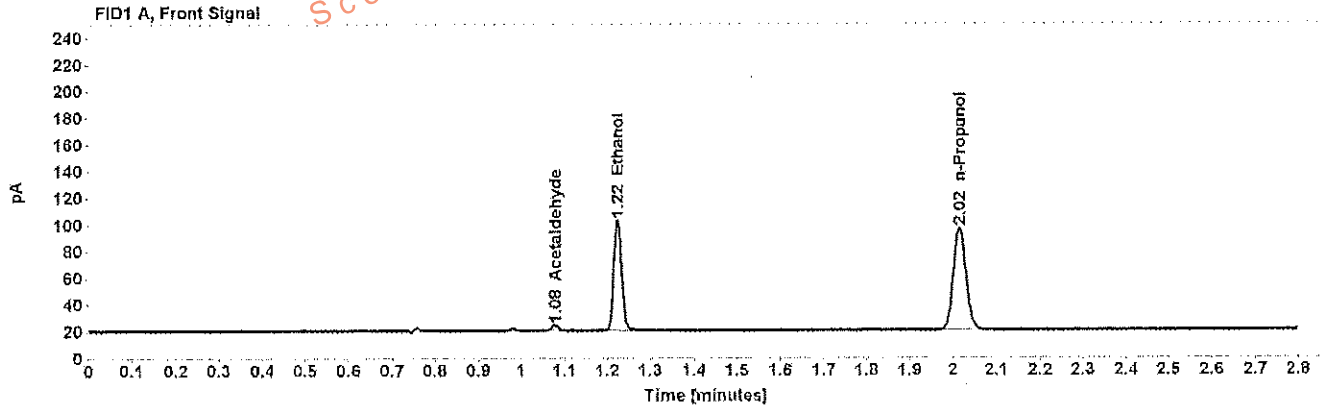


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.216
>Ethanol	0.1841	1.225	106.083
n-Propanol	-----	2.015	155.887

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.501
Ethanol	1.328	109.039
n-Propanol	2.346	160.346

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1126511
Injection date:	1/5/2017 6:51:02 PM	Vial:	28
Method:	ethanol quant.M	Sequence:	5Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\5Jan17\28.D		

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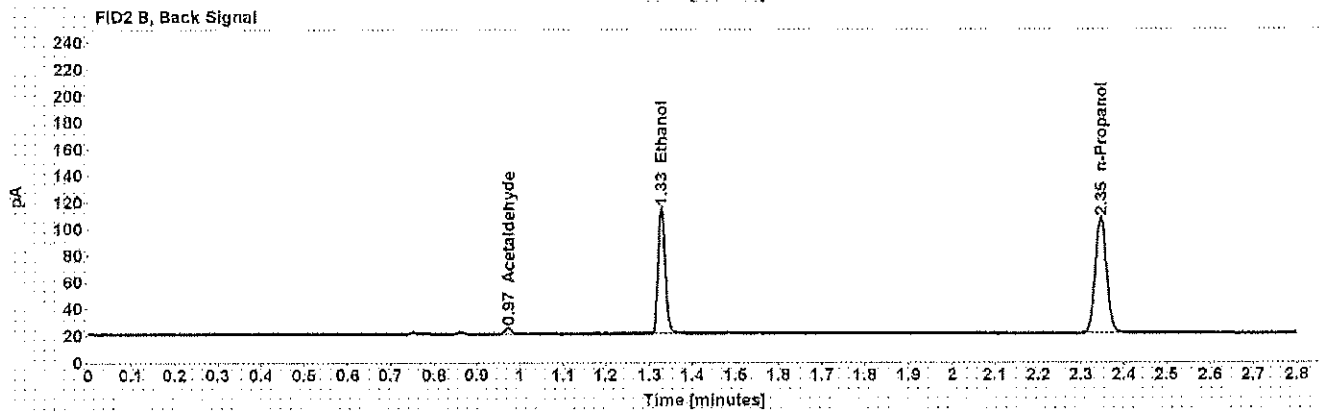
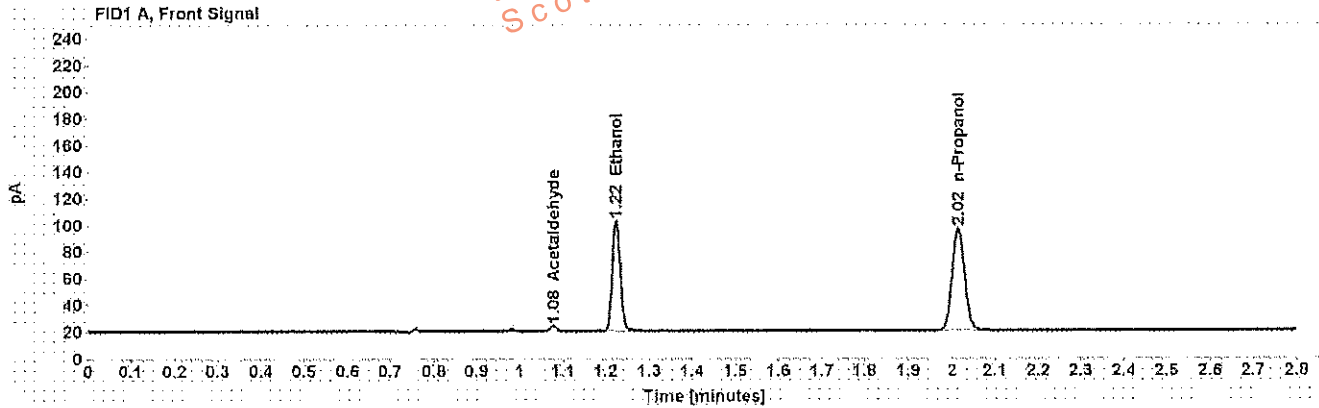


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.040
>Ethanol	0.1844	1.225	106.506
n-Propanol	-----	2.015	156.277

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.333
Ethanol	1.328	109.444
n-Propanol	2.346	160.521



Case: [REDACTED] User: wadrian 1/6/2017

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1126597  
Injection date: 1/5/2017 6:55:00 PM Vial: 29  
Method: ethanol quant.M Sequence: 5Jan17  
Instrument: US14173023 CN14160049 Analyst: Adrian  
Data file: C:\Chem3211\Data\5Jan17\29.D

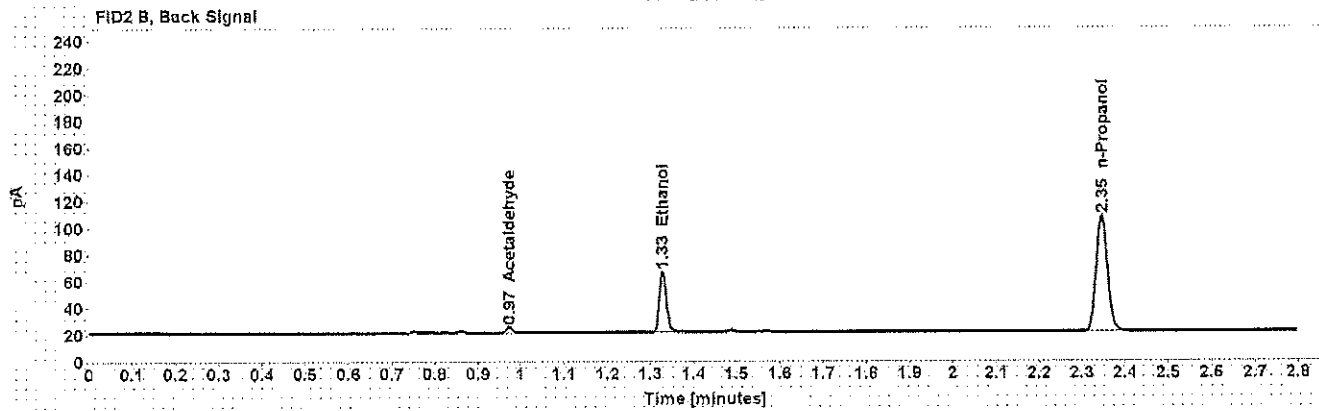
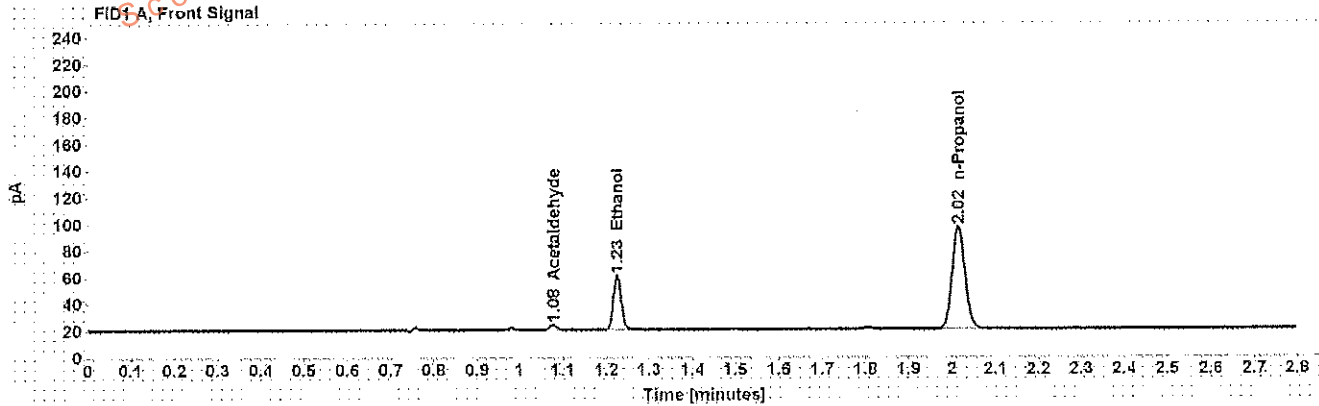


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.904
>Ethanol	0.0900	1.225	51.846
n-Propanol	-----	2.015	156.572

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.171
Ethanol	1.329	53.183
n-Propanol	2.346	160.896

**Scottsdale Police Department Crime Lab Volatiles Analysis**

Sample:	[REDACTED]	Item number:	1126597
Injection date:	1/5/2017 6:59:02 PM	Vial:	30
Method:	ethanol quant.M	Sequence:	5Jan17
Instrument:	US14173023.CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\5Jan17\30.D		

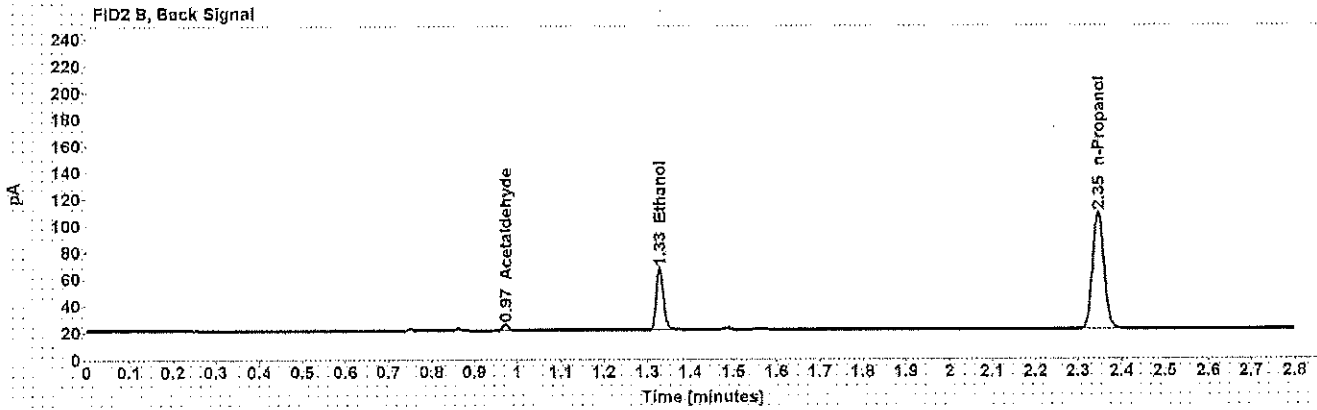
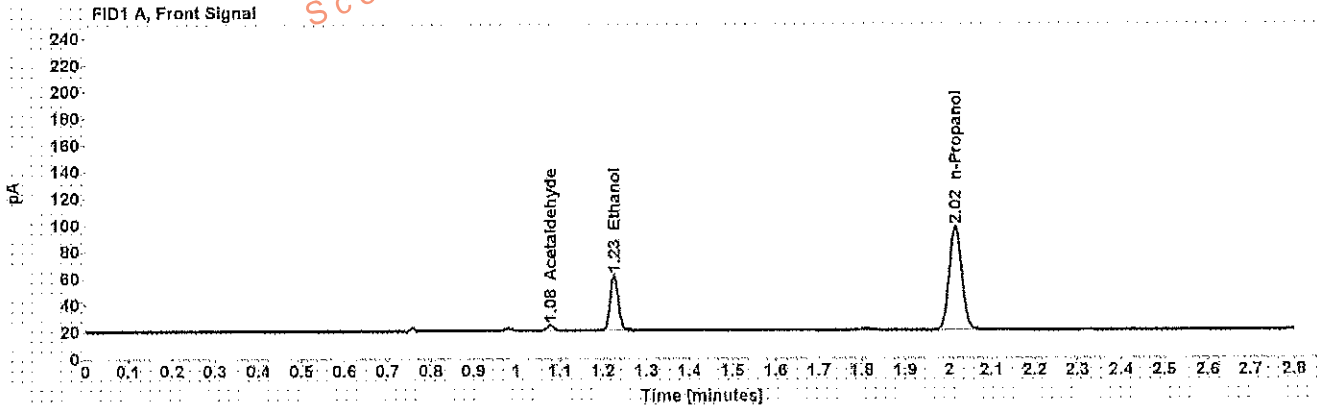


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.980
>Ethanol	0.0905	1.225	52.650
n-Propanol	-----	2.015	158.200

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.215
Ethanol	1.329	53.744
n-Propanol	2.346	162.896

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1125192
Injection date:	1/5/2017 7:07:15 PM	Vial:	32
Method:	ethanol quant.M	Sequence:	5Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\5Jan17\32.D		

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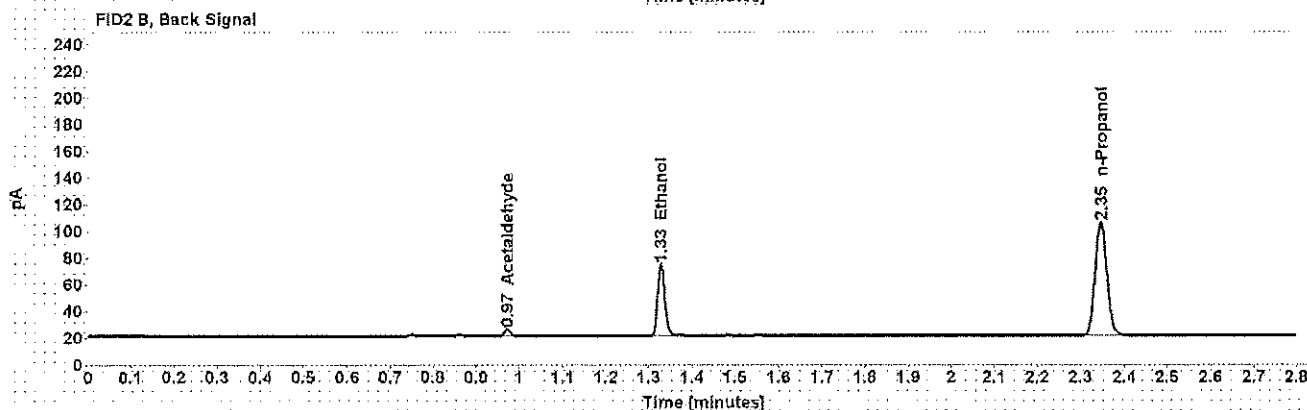
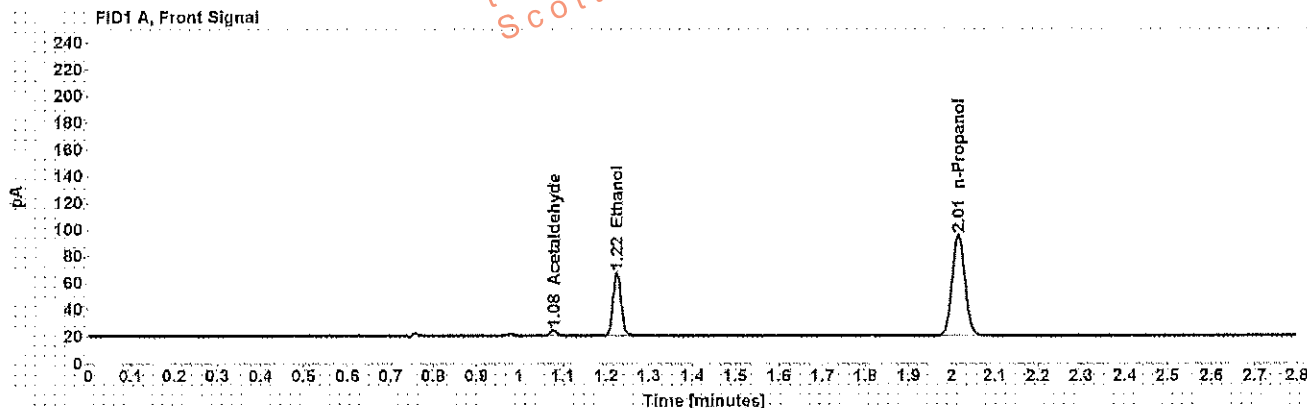


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.257
>Ethanol	0.1069	1.225	60.554
n-Propanol	-----	2.015	153.775

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.543
Ethanol	1.328	61.957
n-Propanol	2.346	158.472

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1125192
<b>Injection date:</b> 1/5/2017 7:11:17 PM	<b>Vial:</b> 33
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 5Jan17
<b>Instrument:</b> US14173023 CN14160048	<b>Analyst:</b> Adrian
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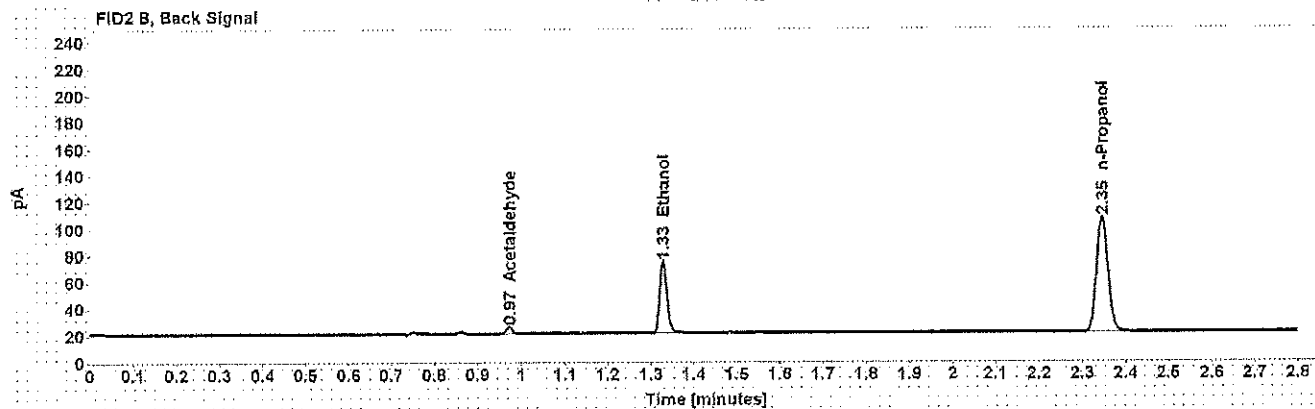
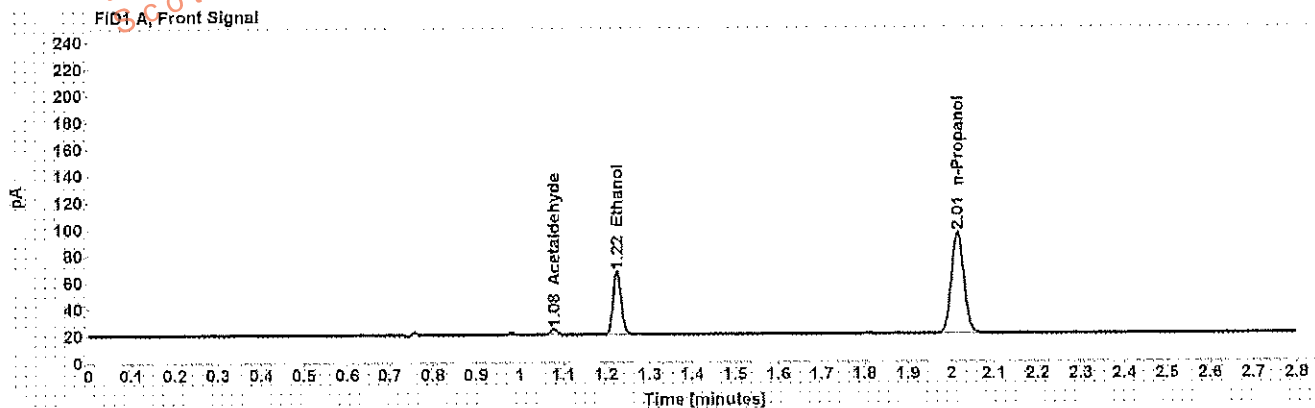


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.280
>Ethanol	0.1065	1.225	60.713
n-Propanol	-----	2.015	154.734

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.589
Ethanol	1.328	62.207
n-Propanol	2.346	159.489

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1125700
Injection date: 1/5/2017 7:15:15 PM	Vial: 34
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211>Data\5Jan17\34.D	

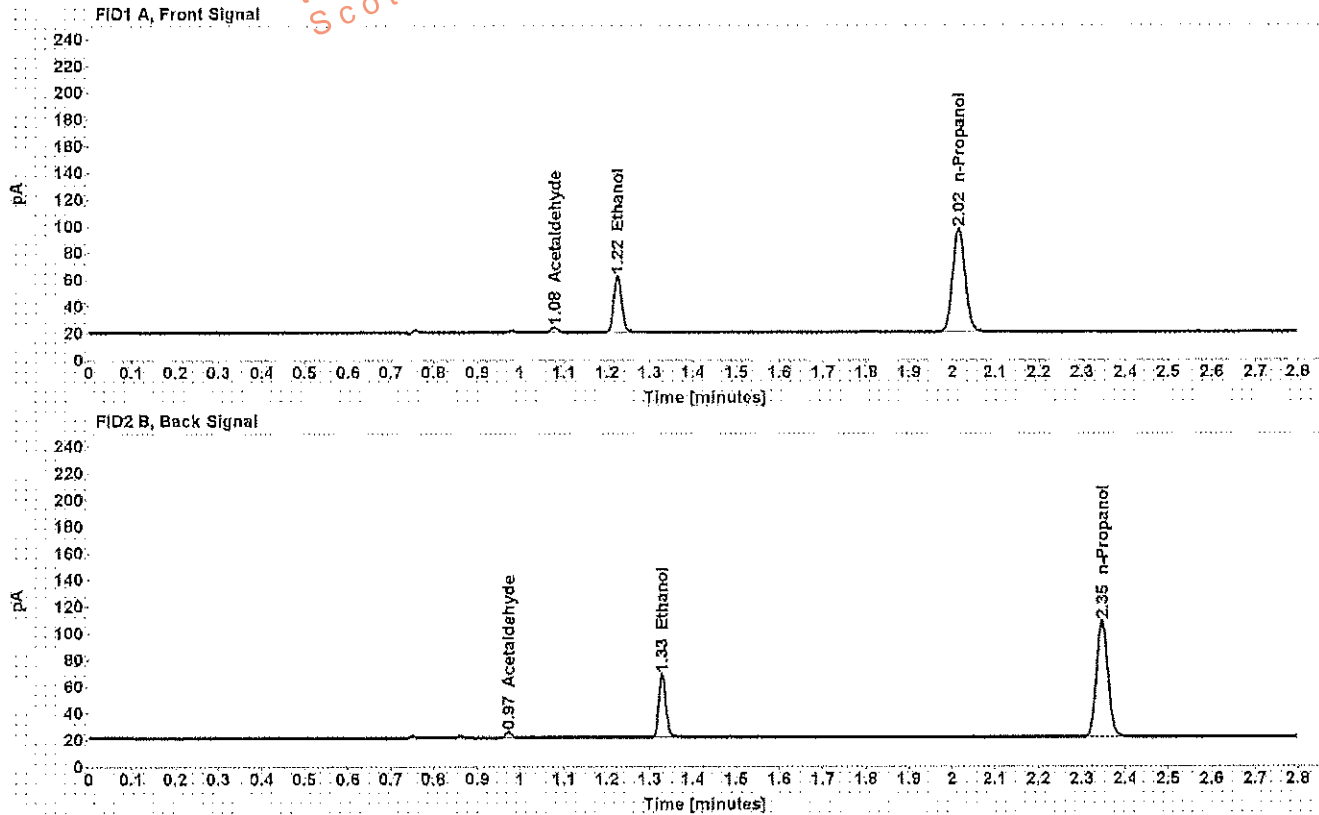


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.850
>Ethanol	0.0926	1.225	53.650
n-Propanol	-----	2.015	157.504

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.126
Ethanol	1.329	55.587
n-Propanol	2.346	162.311

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1125700
Injection date:	1/5/2017 7:19:17 PM	Vial:	35
Method:	ethanol quant.M	Sequence:	5Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\5Jan17\35.D		

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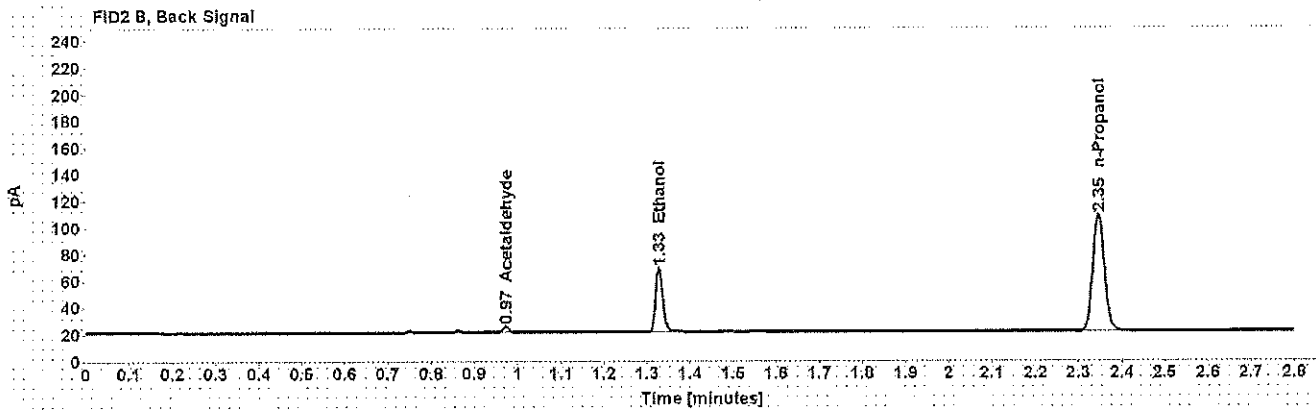
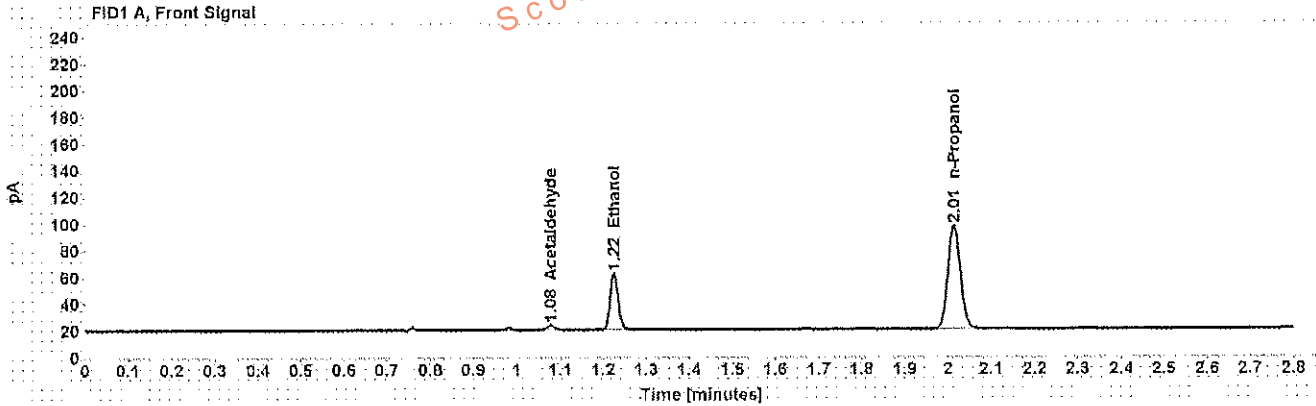


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.764
>Ethanol	0.0931	1.225	54.195
n-Propanol	-----	2.015	158.159

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.028
Ethanol	1.329	55.478
n-Propanol	2.346	163.031

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1126527
Injection date: 1/5/2017 7:23:15 PM	Vial: 36
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
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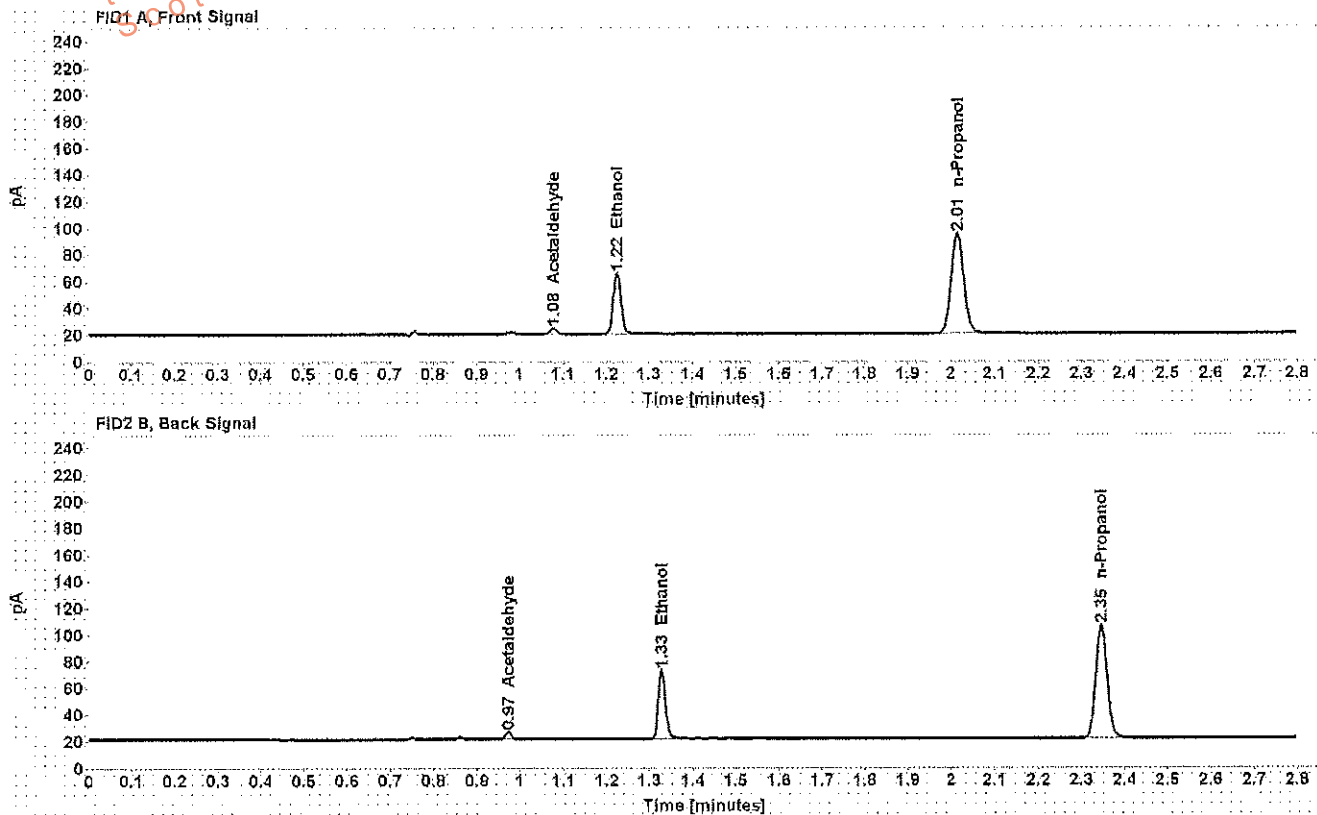


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.590
>Ethanol	0.1035	1.225	58.093
n-Propanol	-----	2.015	152.435

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.928
Ethanol	1.328	60.137
n-Propanol	2.346	156.921



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1126527
Injection date:	1/5/2017 7:27:30 PM	Vial:	37
Method:	ethanol quant.M	Sequence:	5Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\5Jan17\37.D		

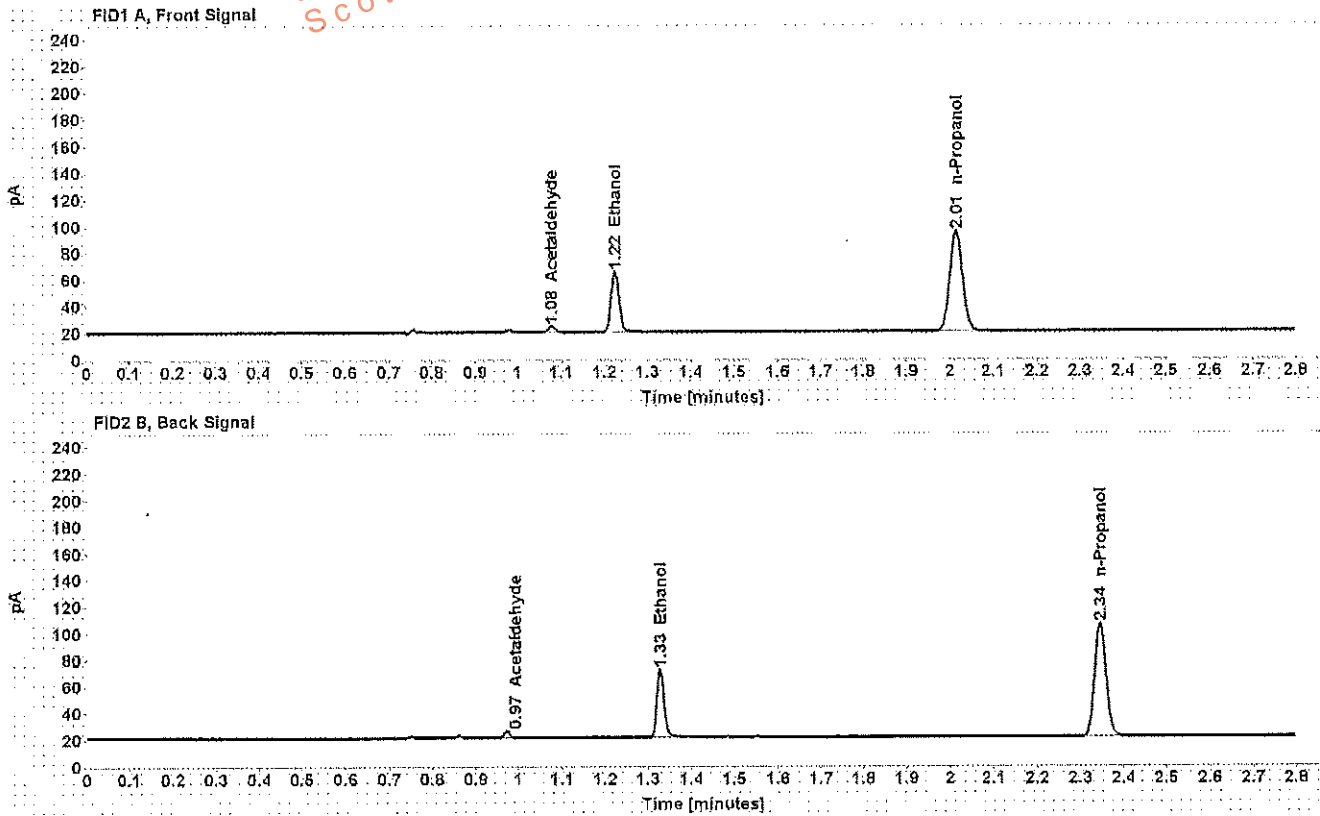


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.530
>Ethanol	0.1028	1.224	58.001
n-Propanol	-----	2.014	153.145

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.863
Ethanol	1.327	59.576
n-Propanol	2.345	157.897

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1125810
Injection date:	1/5/2017 7:31:30 PM	Vial:	38
Method:	ethanol quant.M	Sequence:	5Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\5Jan17\38.D		

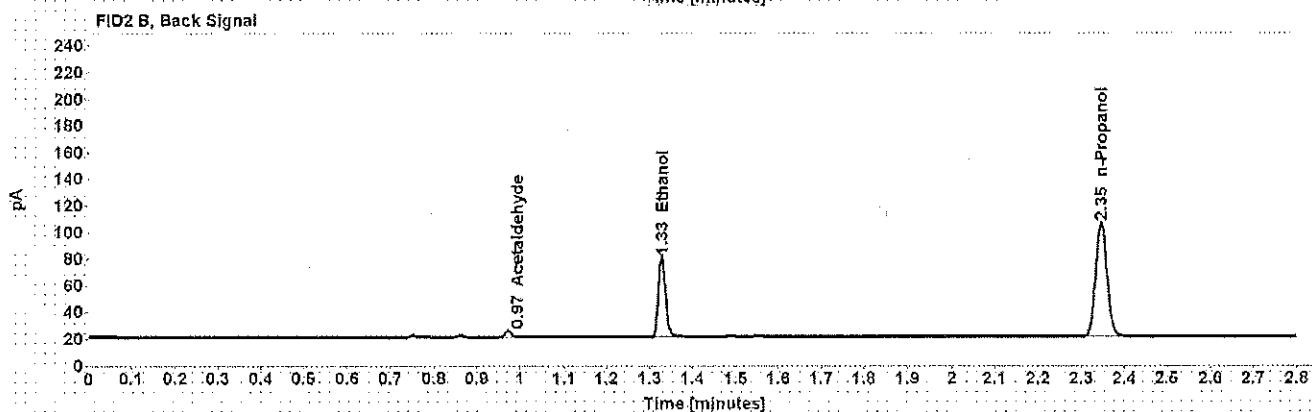
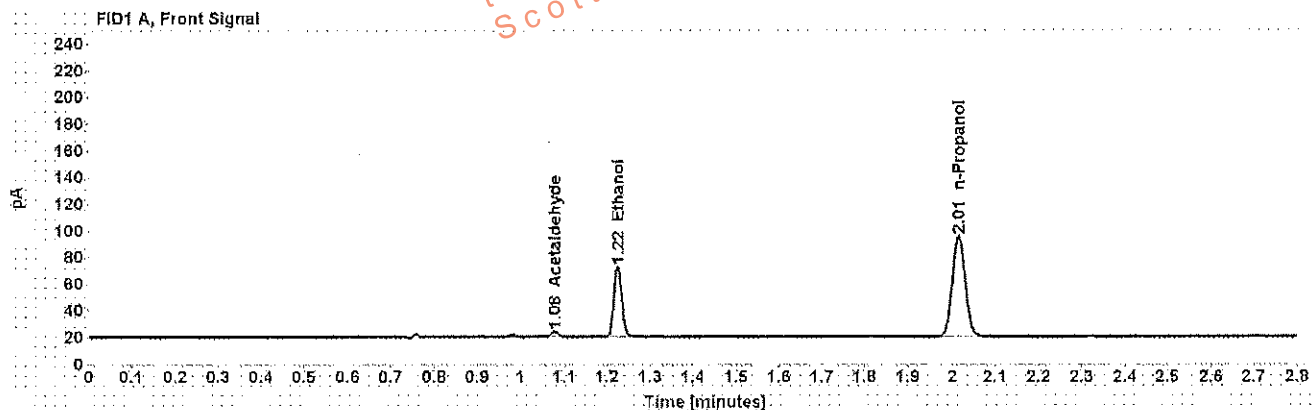


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.209
>Ethanol	0.1194	1.225	67.692
n-Propanol	-----	2.015	153.741

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.502
Ethanol	1.328	69.608
n-Propanol	2.346	158.581

**Scottsdale Police Department Crime Lab Volatiles Analysis**

Sample:	[REDACTED]	Item number:	1125810
Injection date:	1/5/2017 7:35:31 PM	Vial:	39
Method:	ethanol quant.M	Sequence:	5Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\1\Data\5Jan17\39.D		

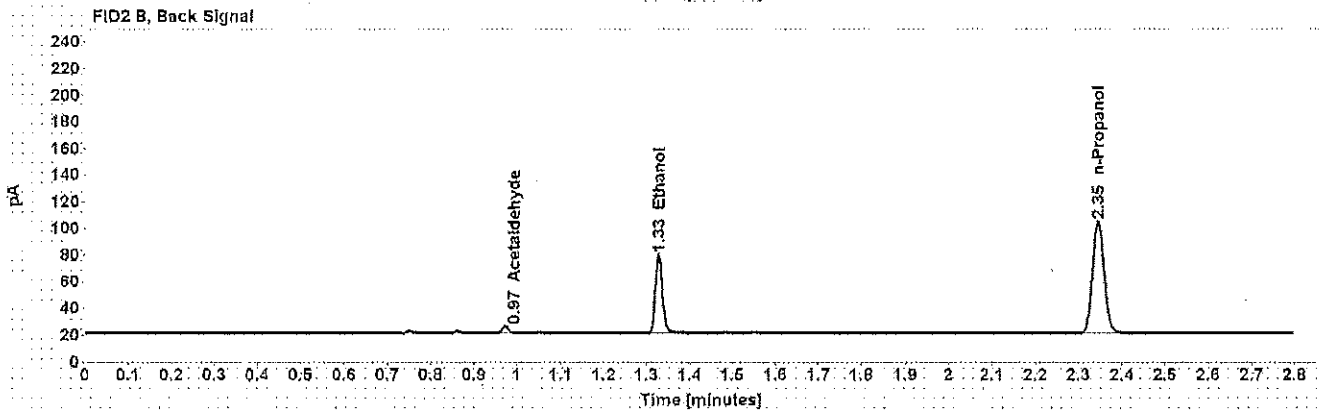
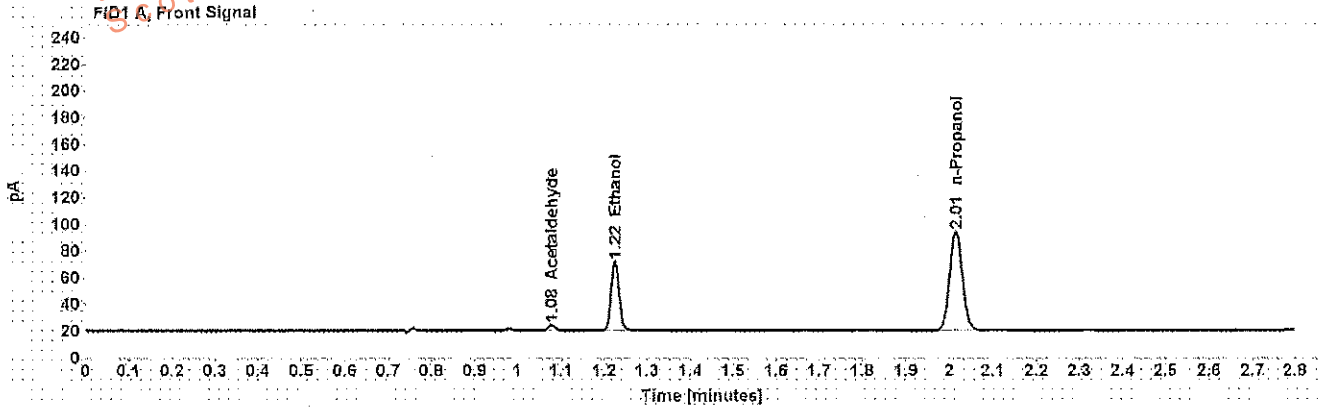


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.283
>Ethanol	0.1186	1.225	66.047
n-Propanol	-----	2.015	151.006

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.613
Ethanol	1.328	68.063
n-Propanol	2.346	155.866

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1126600
Injection date:	1/5/2017 7:39:31 PM	Vial:	40
Method:	ethanol quant M	Sequence:	5Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\5Jan17\40.D		

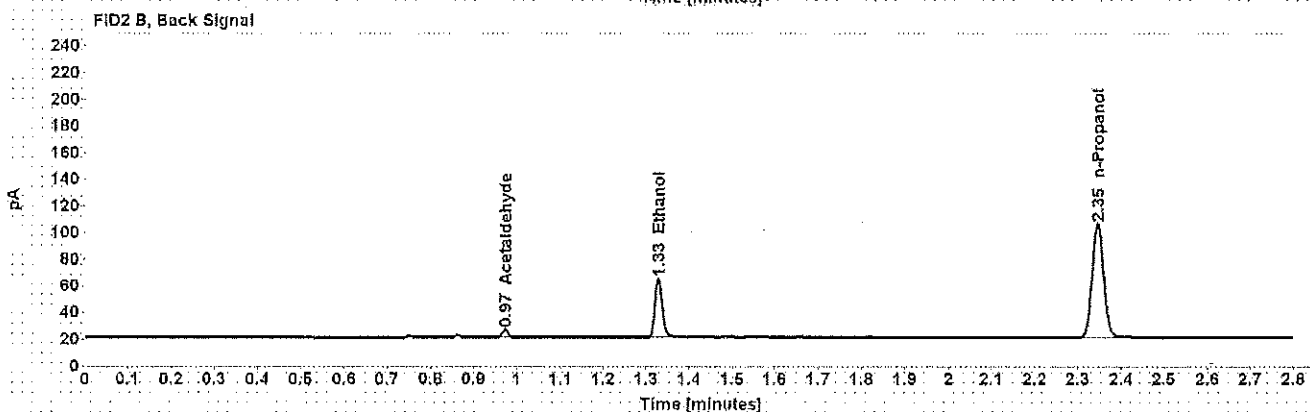
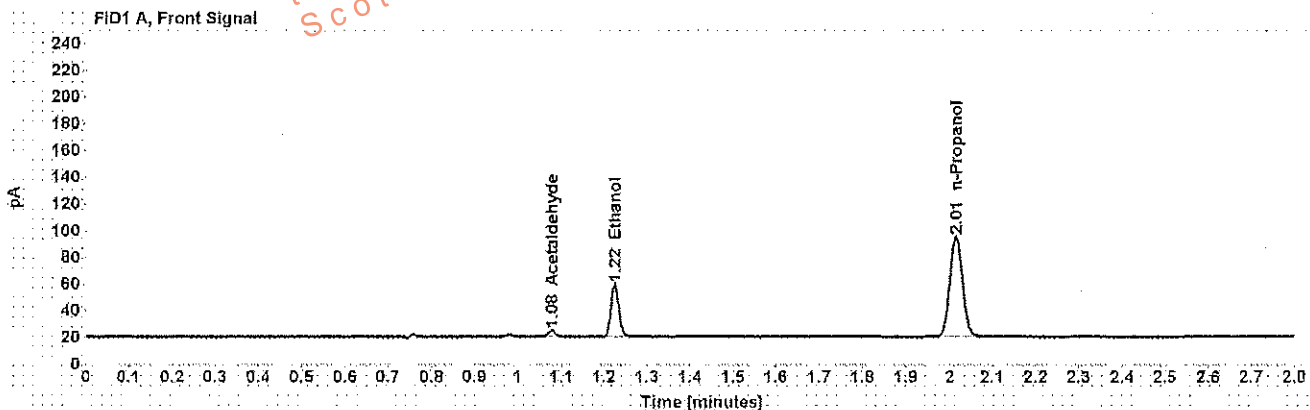


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.969
>Ethanol	0.0887	1.225	50.008
n-Propanol	-----	2.015	153.361

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.314
Ethanol	1.328	51.868
n-Propanol	2.346	158.135

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1126600
Injection date:	1/5/2017 7:43:29 PM	Vial:	41
Method:	ethanol quant.M	Sequence:	5Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11Data\5Jan17\41.D		

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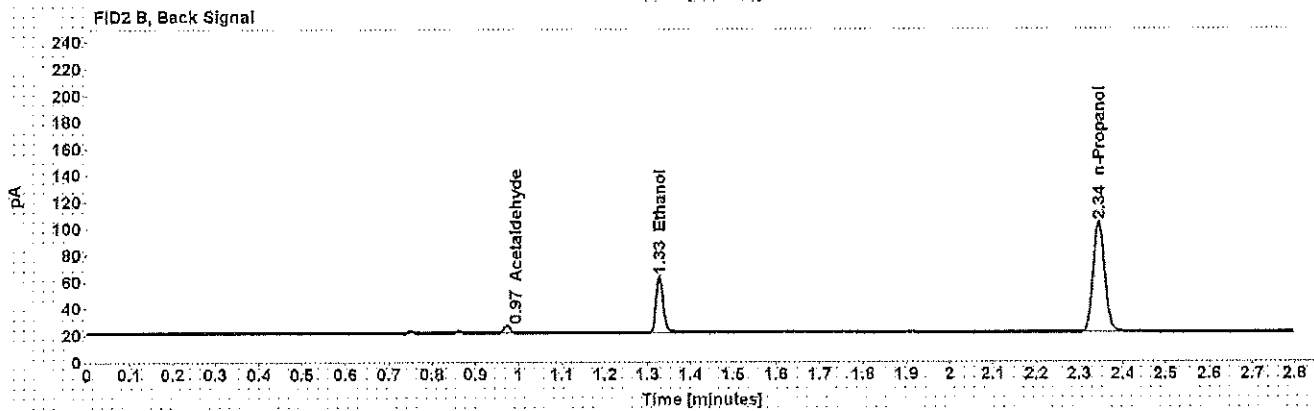
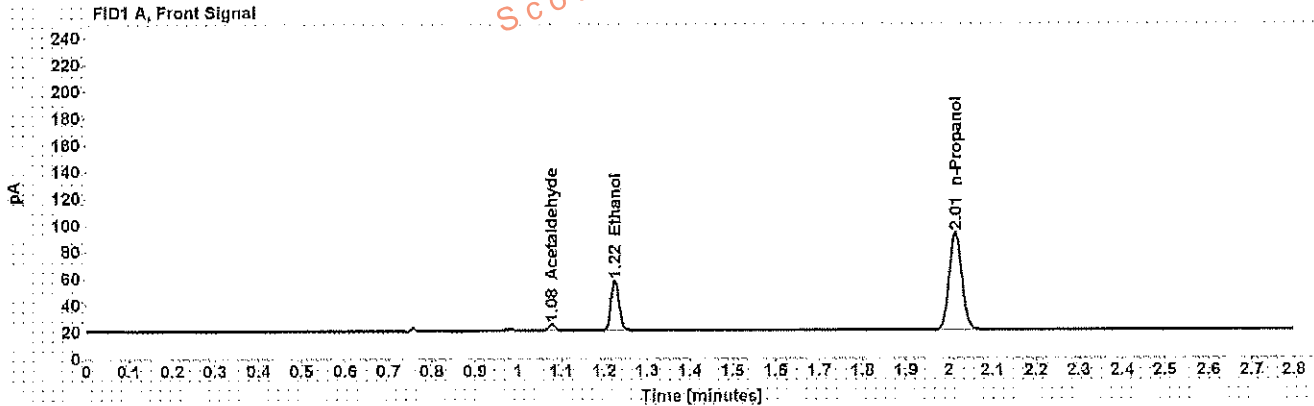


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.824
>Ethanol	0.0876	1.224	47.927
n-Propanol	-----	2.014	148.783

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.139
Ethanol	1.328	49.654
n-Propanol	2.345	153.333

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1126371
Injection date: 1/5/2017 7:51:46 PM	Vial: 43
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\5Jan17\43.D	

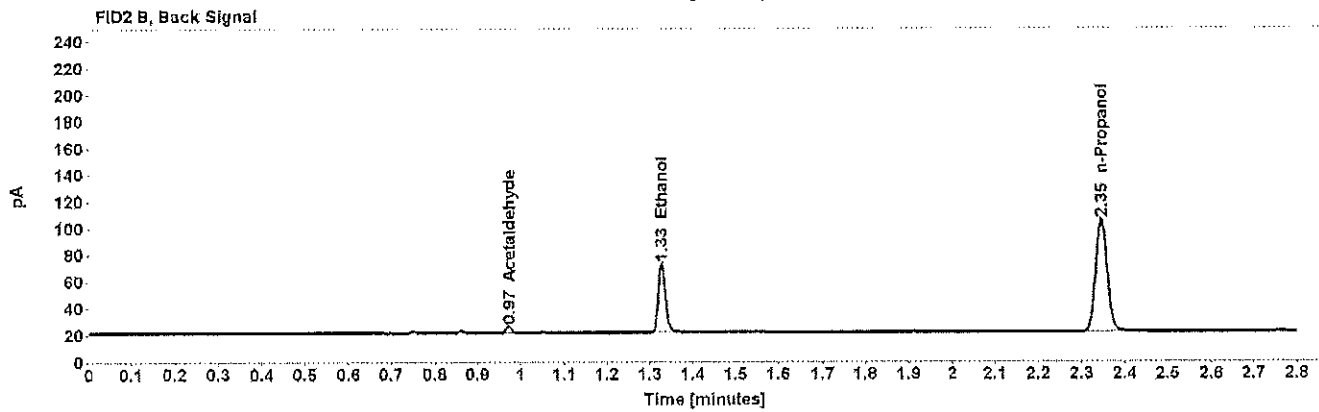
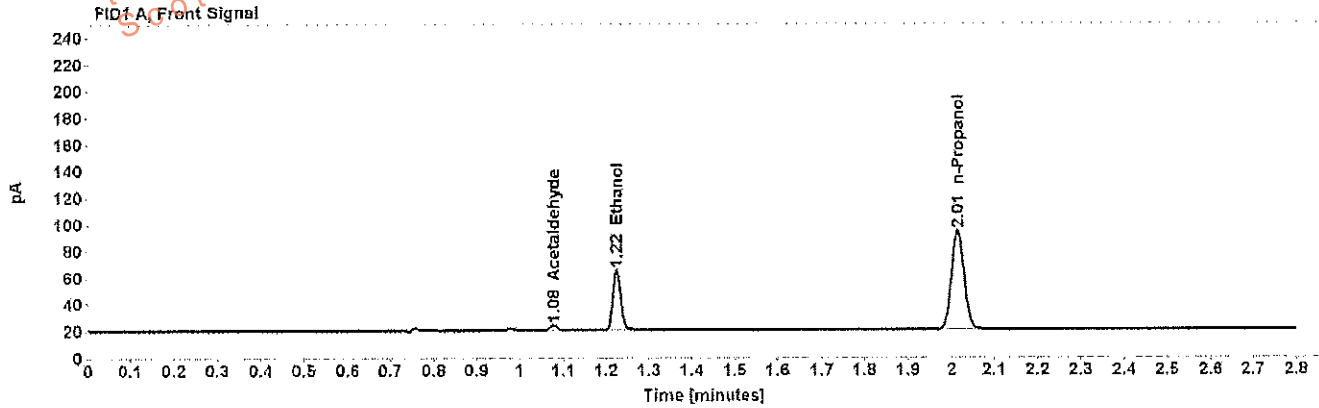


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.043
>Ethanol	0.1035	1.225	57.782
n-Propanol	-----	2.015	151.506

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.316
Ethanol	1.328	59.526
n-Propanol	2.345	156.147

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1126371
Injection date: 1/5/2017 7:55:44 PM	Vial: 44
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
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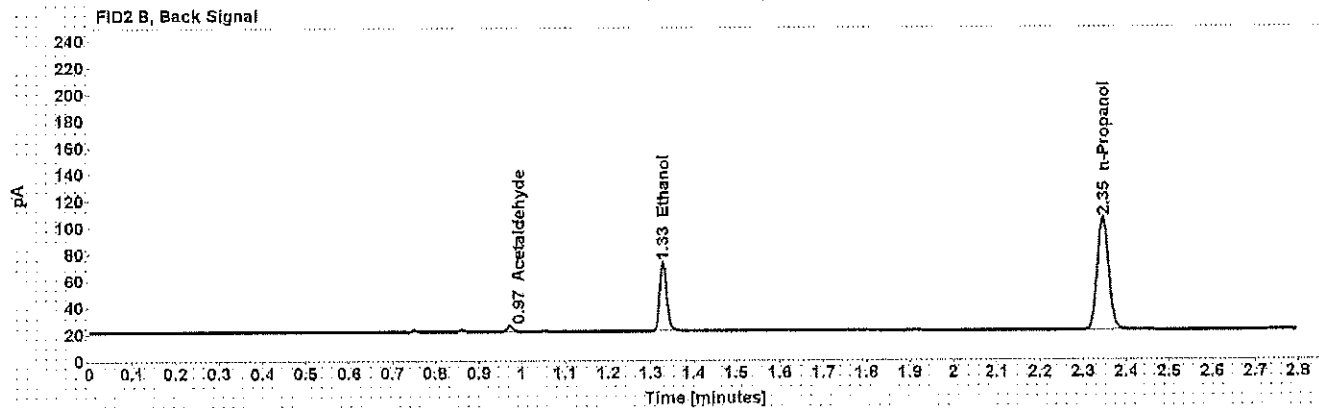
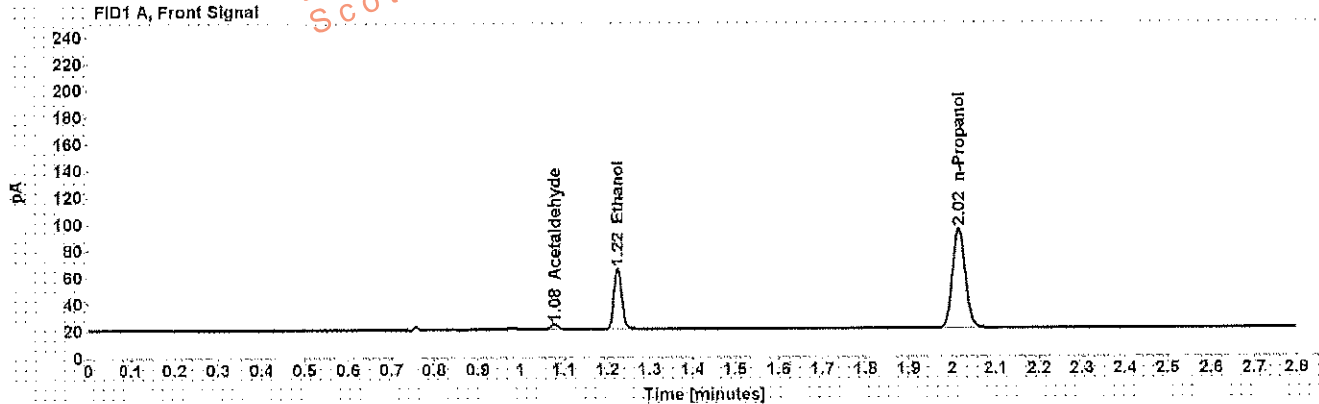


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.921
>Ethanol	0.1044	1.225	58.426
n-Propanol	-----	2.015	151.927

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.217
Ethanol	1.328	59.859
n-Propanol	2.346	156.632



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1129427
Injection date: 1/5/2017 7:59:45 PM	Vial: 45
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Jan17\45.D	

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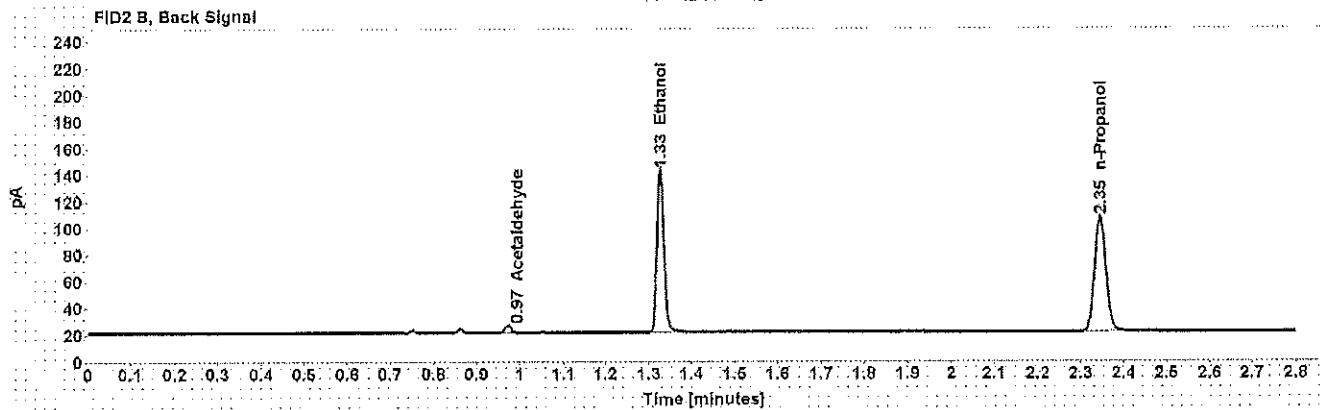
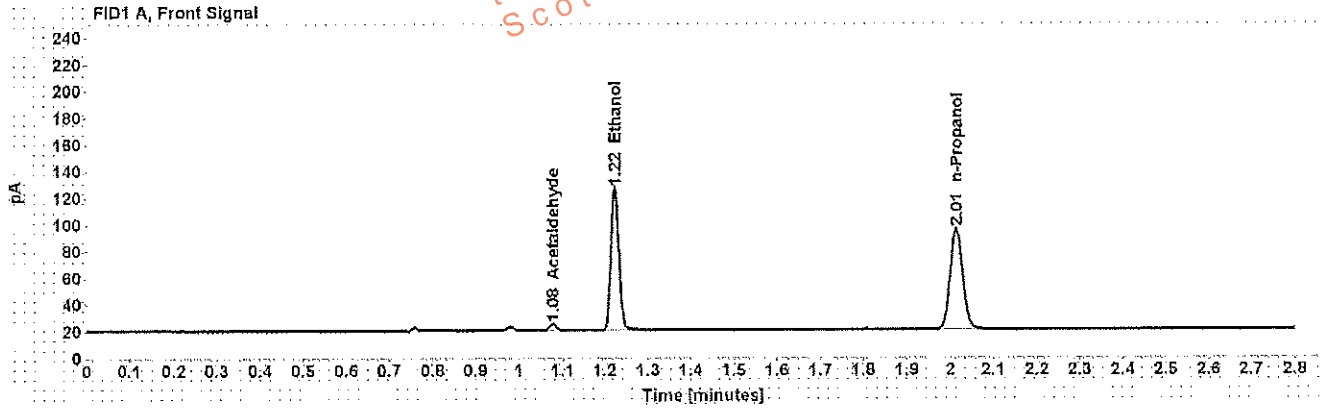


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.785
>Ethanol	0.2394	1.224	136.485
n-Propanol	-----	2.014	154.028

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.091
Ethanol	1.327	140.949
n-Propanol	2.345	159.088

Case: [REDACTED] User: wadrian 1/6/2017

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1129427  
Injection date: 1/5/2017 8:03:45 PM Vial: 46  
Method: ethanol quant M Sequence: 5Jan17  
Instrument: US14173023 CN14160045 Analyst: Adrian  
Data file: C:\Chem32\1\Data\5Jan17\46.D

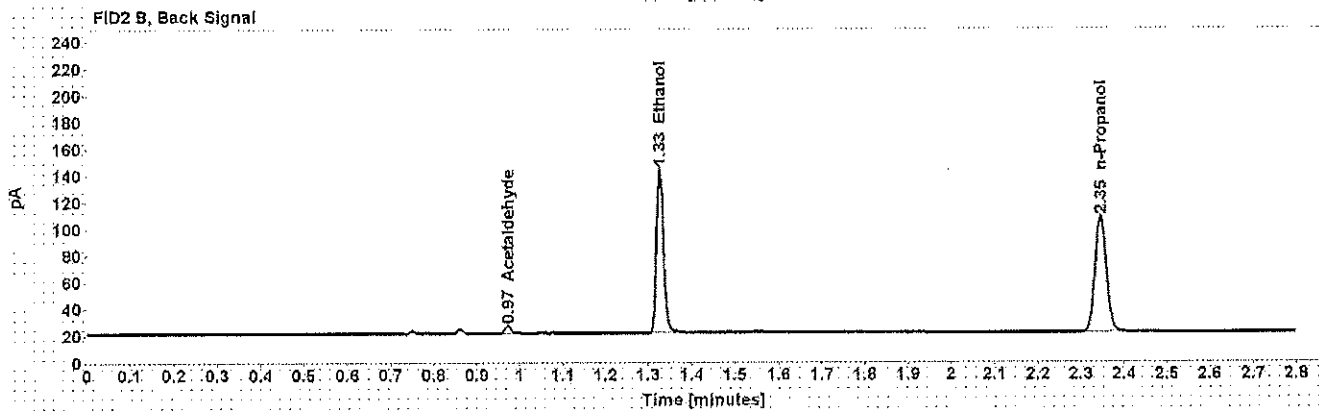
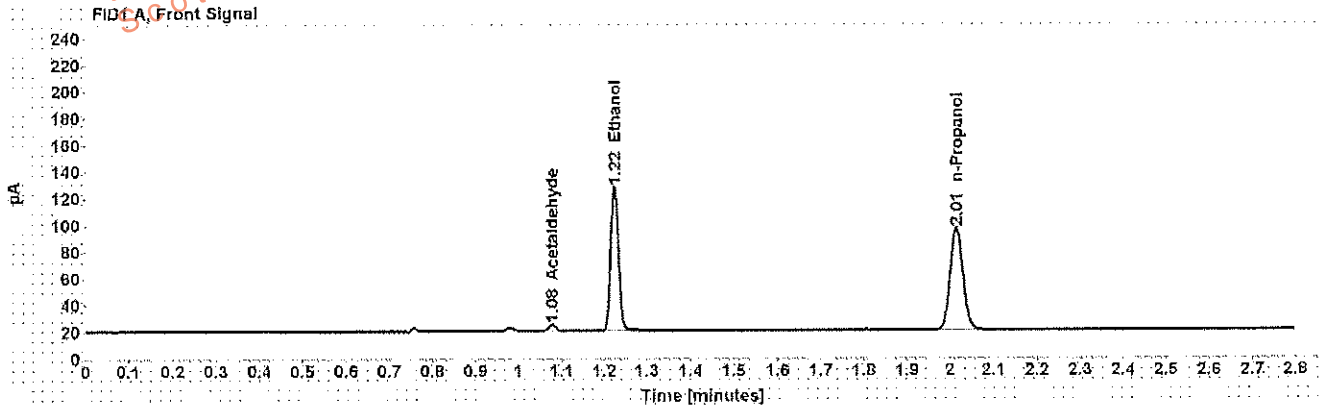


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.872
>Ethanol	0.2398	1.224	138.127
n-Propanol	-----	2.015	155.654

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.235
Ethanol	1.327	142.771
n-Propanol	2.345	160.759

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1129595
Injection date: 1/5/2017 8:07:45 PM	Vial: 47
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\5Jan17\47.D	

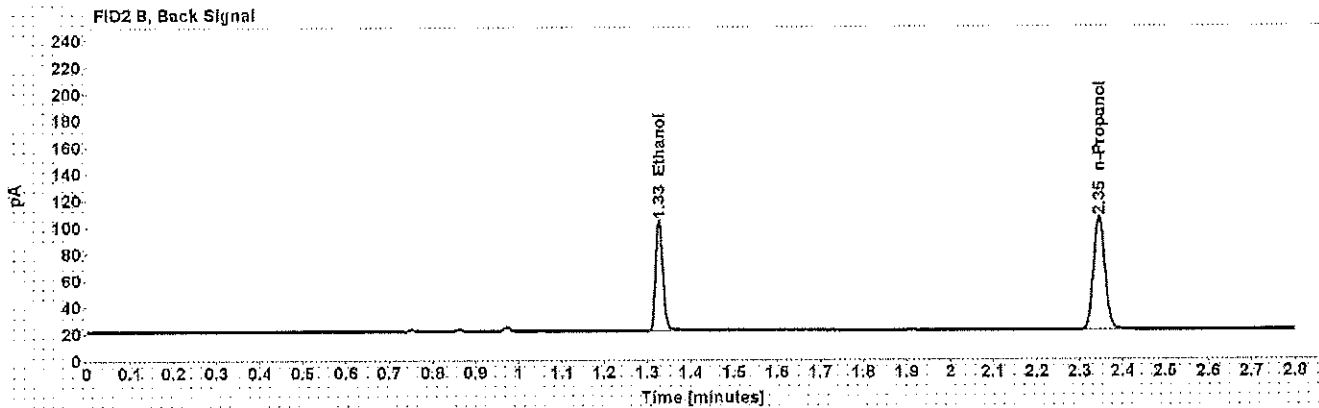
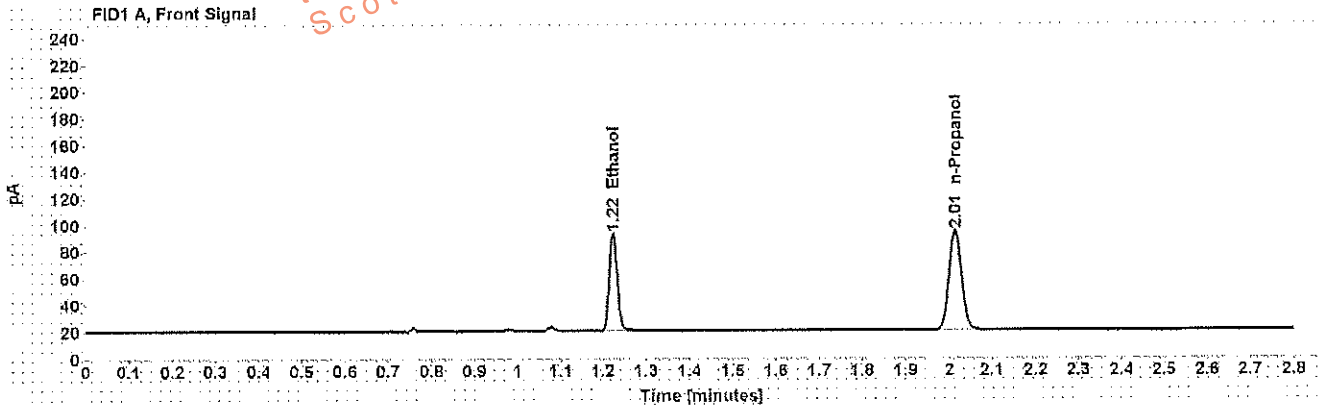


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1654	1.224	93.035
n-Propanol	-----	2.015	152.259

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

Compound	Time (min)	Peak Area
Ethanol	1.327	95.950
n-Propanol	2.345	157.143

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1129595
Injection date: 1/5/2017 8:11:45 PM	Vial: 48
Method: ethanol quant.M	Sequence: 5Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\5Jan17\48.D	

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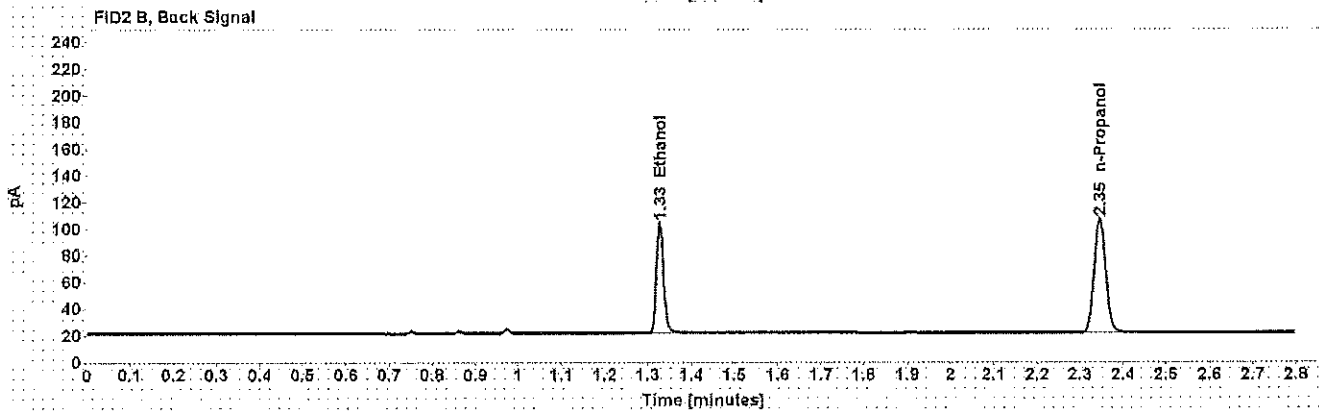
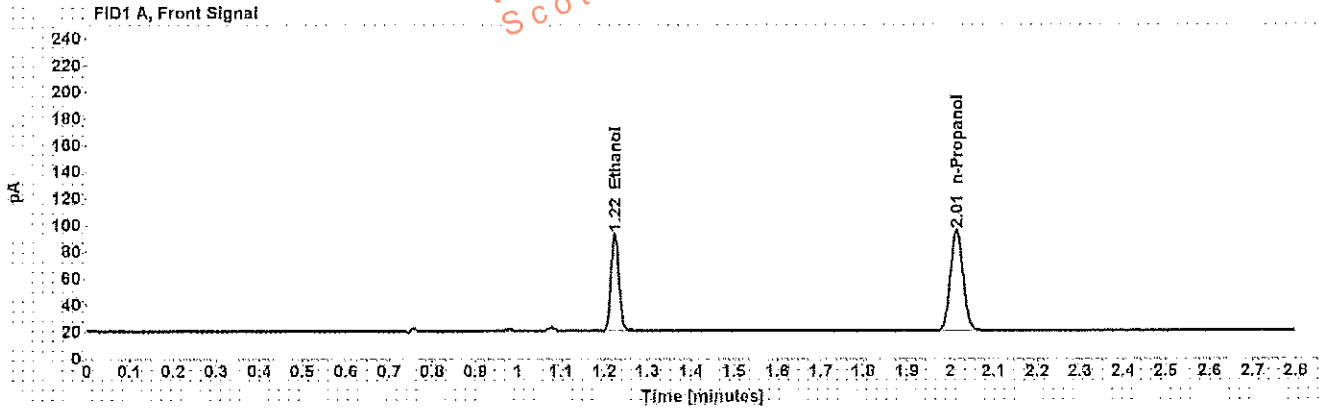


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1648	1.224	93.516
n-Propanol	-----	2.015	153.616

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

Compound	Time (min)	Peak Area
Ethanol	1.327	96.429
n-Propanol	2.345	158.596