

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 11/6/2017 SEQUENCE NAME 6Nov17

### EQUIPMENT

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

### INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03241604 Coefficient of determination (r<sup>2</sup>)  
 Vial 2 0.10 calibrator Lot FN06181501 0.99999  
 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 090517
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 020917WLA
7	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 08012015-C
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
9	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/3
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.152 g/dL	Lipomed 09022015-C
42	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/3
53	Aqueous control	0.400 g/dL	0.407 g/dL	Lipomed 08012015-C
54	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
55	Blood control	0.198 g/dL	0.202 g/dL	ACQ 407041529/3
56	Blank	Not detected	Not detected	SPD lab 090517

### SUBJECT SAMPLES

Subjects in the sequence 20 Subjects requiring reanalysis 0

**ADDITIONAL NOTES:** Item number for case was incorrectly related, manually corrected on  
sequence summary and chromatograms 10 & 11.

Run valid  Run invalid  WAB1570 11/8/17 Analyst  
 Run valid  Run invalid  KOSBCL1 11/8/17 Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

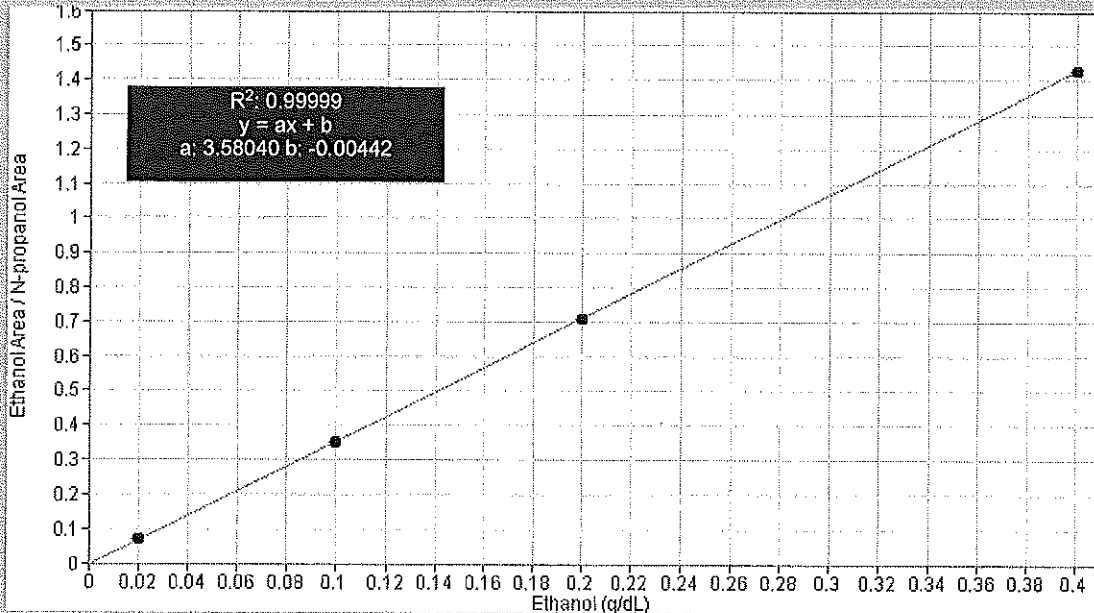
SEQUENCE NAME: 6Nov17

ANALYST: Adrian *WA*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 090517	5	negative	negative	-	-
0.400 Lipomed 08012015-C	7	0.404	0.400	1.00	0.004
0.040 Lipomed 09022015-A	8	0.040	0.040	0.00	0.000
0.198 ACQ 407041529/3	9	0.199	0.198	0.51	0.001
0.080 Lipomed 28082014-B	20	0.081	0.080	1.25	0.001
0.150 Lipomed 09022015-C	31	0.152	0.150	1.33	0.002
0.198 ACQ 407041529/3	42	0.201	0.198	1.52	0.003
0.40 Lipomed 08012015-C	53	0.407	0.400	1.75	0.007
0.04 Lipomed 09022015-A	54	0.040	0.040	0.00	0.000
0.198 ACQ 407041529/3	55	0.202	0.198	2.02	0.004
blank 090517	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.741	184.294	0.069
0.100	63.815	181.332	0.352
0.200	125.571	176.738	0.711
0.400	255.120	178.575	1.429

### Calibration Line



# Scottsdale Police Department Crime Lab Volatiles Analysis

Dissemination is restricted to Criminal Justice Agencies and authorized agencies. Dissemination to unauthorized agencies is PROHIBITED.  
 Scottsdale City Prosecutor's Office

WA

<b>Sample:</b> 0.020 Cerilliant FN03241604	<b>Item number:</b>
<b>Injection date:</b> 11/6/2017 12:20:49 PM	<b>Vial:</b> 1
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\11\Data\6Nov17\1.D	

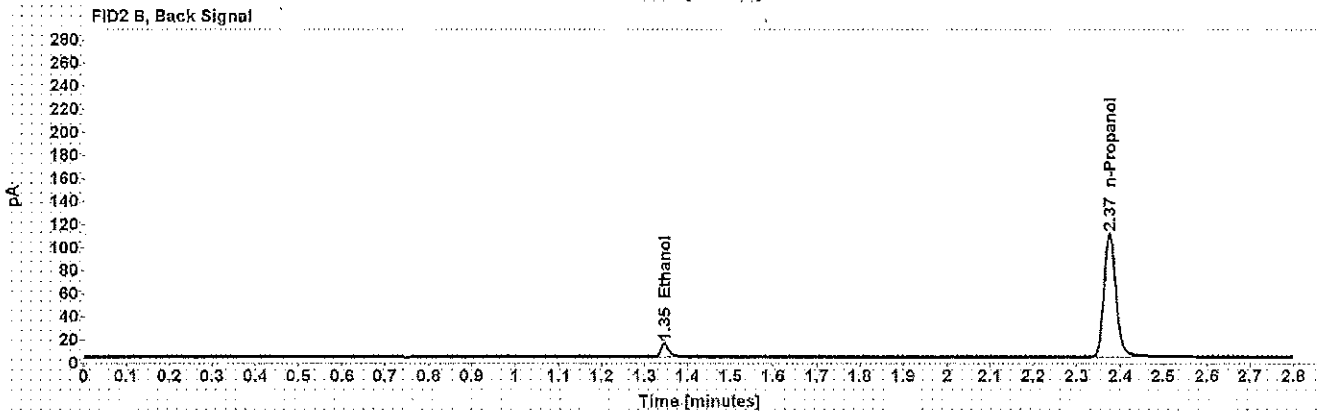
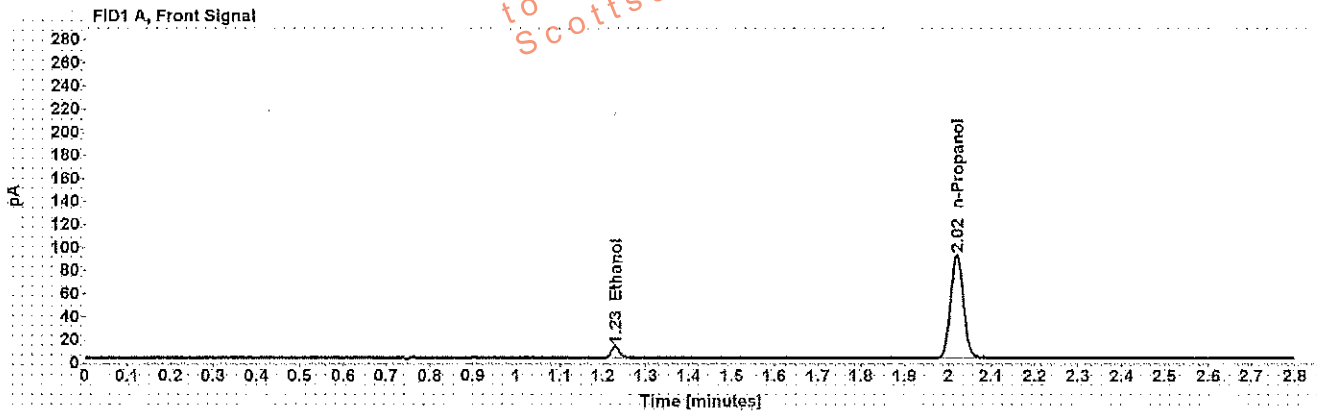


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.229	12.741
n-Propanol	2.020	184.294

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

Compound	Time (min)	Peak Area
Ethanol	1.347	14.350
n-Propanol	2.375	207.118

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> 0.100 Cerilliant FN06181501	<b>Item number:</b>
<b>Injection date:</b> 11/6/2017 12:24:48 PM	<b>Vial:</b> 2
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\11Data\6Nov17\2.D	

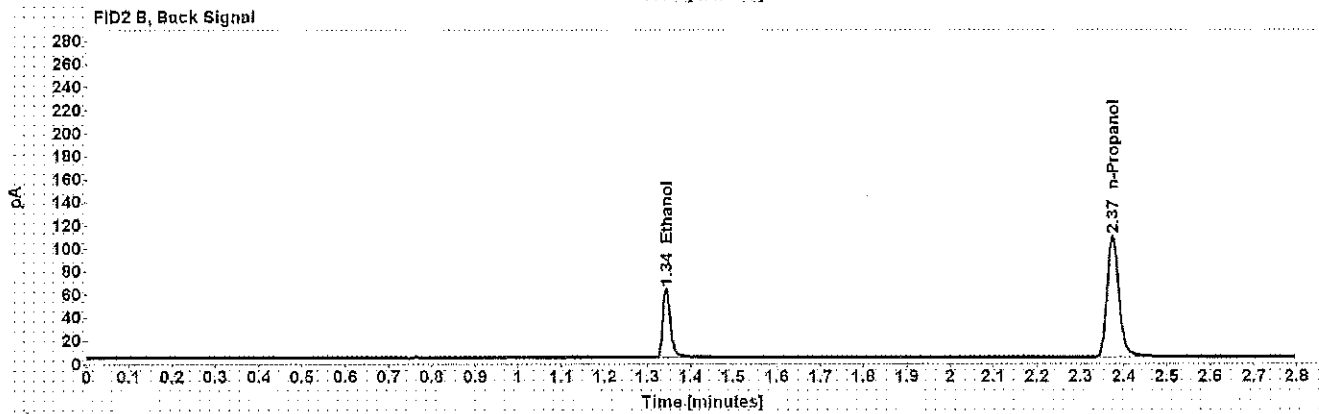
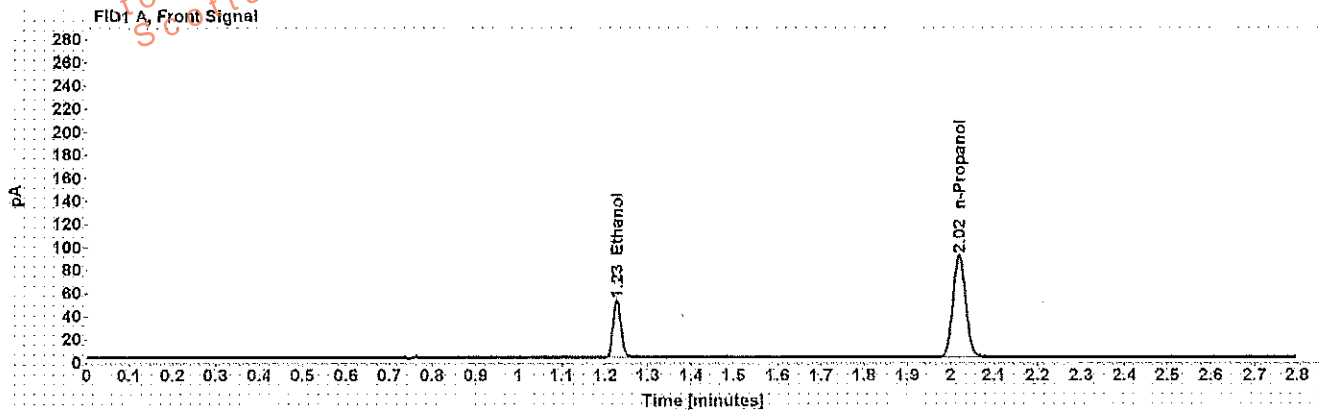


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.227	63.815
n-Propanol	2.019	181.332

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

Compound	Time (min)	Peak Area
Ethanol	1.343	73.683
n-Propanol	2.374	203.642

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> 0.200 Cerilliant FN07201502	<b>Item number:</b>
<b>Injection date:</b> 11/6/2017 12:28:48 PM	<b>Vial:</b> 3
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem3211\Data\6Nov17\3.D	

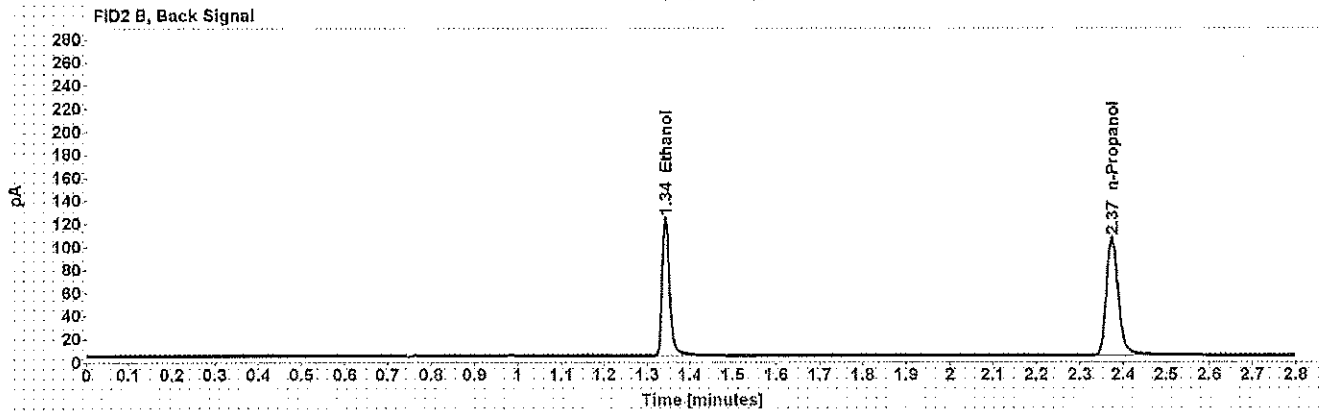
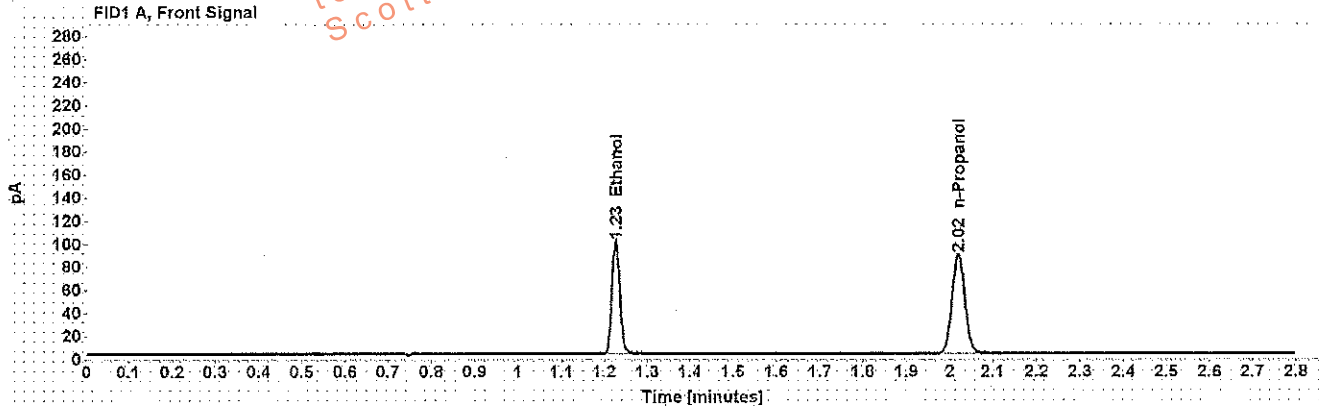


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.227	125.571
n-Propanol	2.019	176.738

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

Compound	Time (min)	Peak Area
Ethanol	1.343	145.745
n-Propanol	2.374	198.243

# Scottsdale Police Department Crime Lab Volatiles Analysis

**Sample:** 0.400 Cerilliant FN11191402  
**Injection date:** 11/6/2017 12:32:48 PM  
**Method:** ethanol quant.M  
**Instrument:** US14173023 CN14160045  
**Data file:** C:\Chem32\1\Data\6Nov17\4.D

**Item number:**  
**Vial:** 4  
**Sequence:** 6Nov17  
**Analyst:** Adrian

WA

Dissemination is restricted to Criminal Justice Agencies only. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor's Office

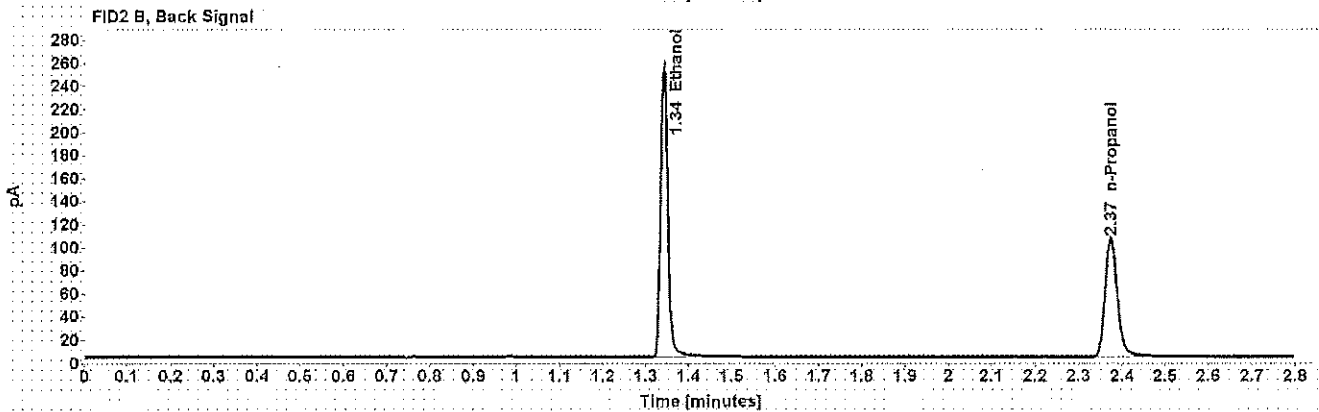
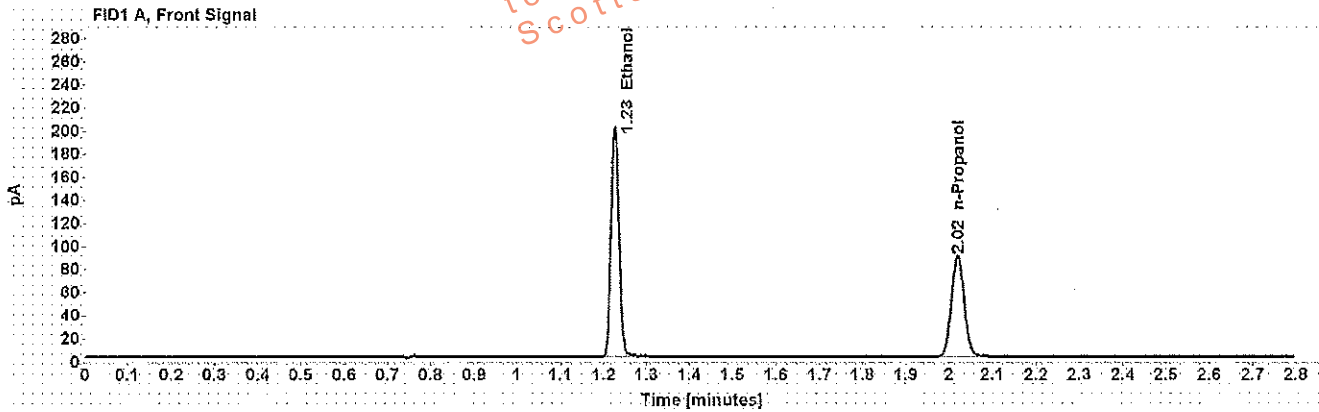


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.226	255.120
n-Propanol	2.019	178.575

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

Compound	Time (min)	Peak Area
Ethanol	1.342	299.396
n-Propanol	2.374	200.410

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> blank 090517	<b>Item number:</b>
<b>Injection date:</b> 11/6/2017 12:36:48 PM	<b>Vial:</b> 5
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem3\11\Data\6Nov17\5.D	

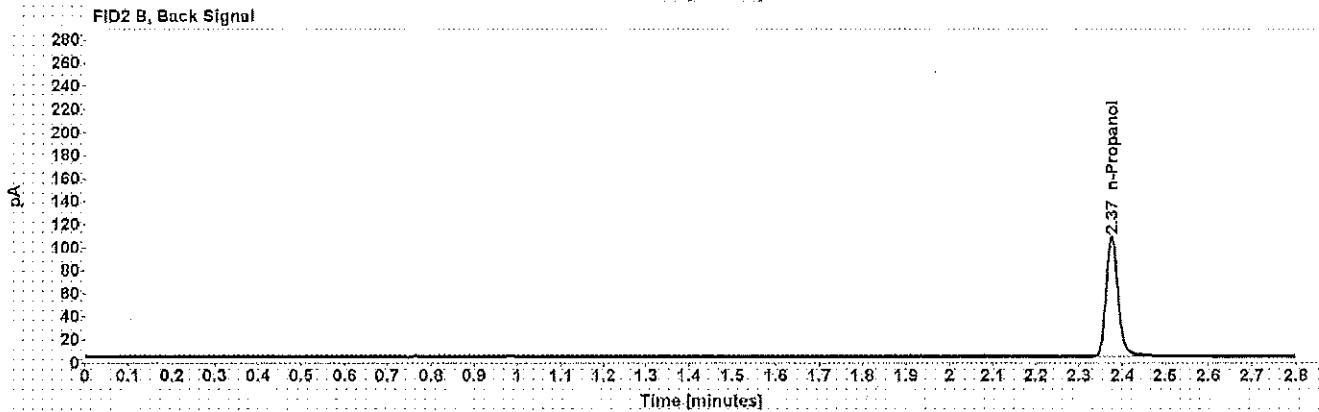
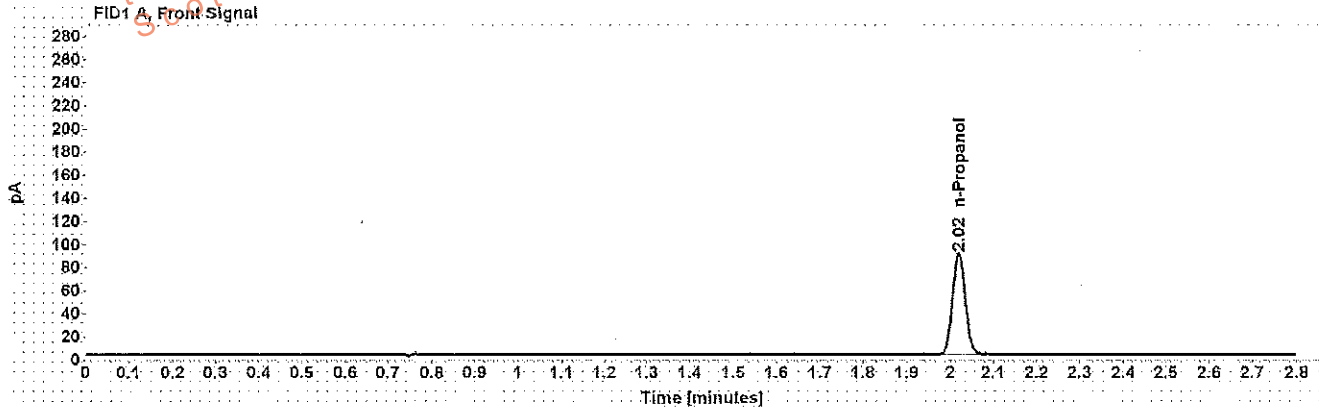


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.020	180.315

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

Compound	Time (min)	Peak Area
n-Propanol	2.375	201.695

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> volatiles mix 020917 WLA	<b>Item number:</b>
<b>Injection date:</b> 11/6/2017 12:40:48 PM	<b>Vial:</b> 6
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem3211\Data\6Nov17\6.D	

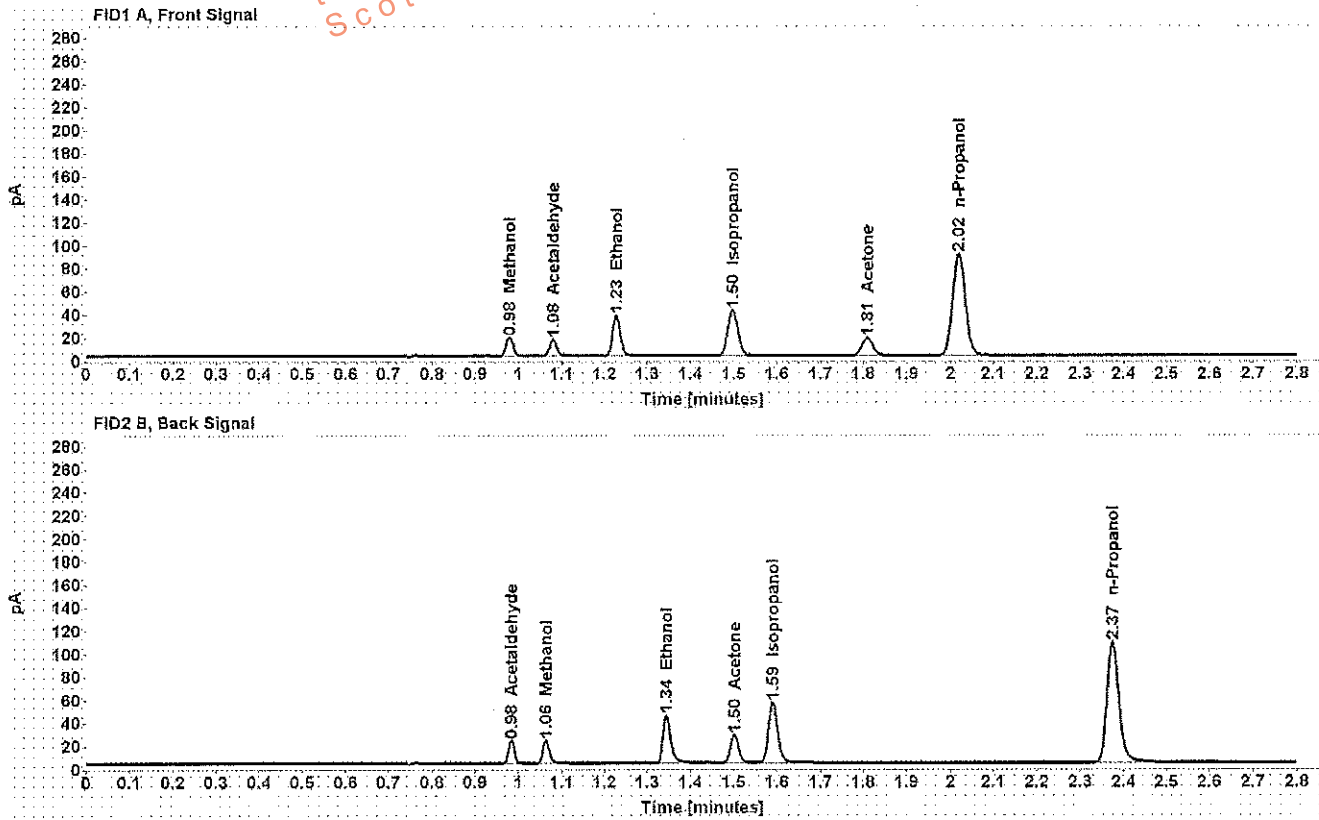


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.979	18.341
Acetaldehyde	-----	1.080	15.456
>Ethanol	0.0711	1.228	45.144
Isopropanol	-----	1.498	64.877
Acetone	-----	1.809	27.264
n-Propanol	-----	2.020	180.466

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	18.749
Methanol	1.064	21.061
Ethanol	1.345	51.595
Acetone	1.501	30.584
Isopropanol	1.590	76.770
n-Propanol	2.375	202.514



# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.400 Lipomed 08012015-C	Item number:
Injection date: 11/6/2017 12:45:04 PM	Vial: 7
Method: ethanol quant.M	Sequence: 6Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Nov17\7.D	

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

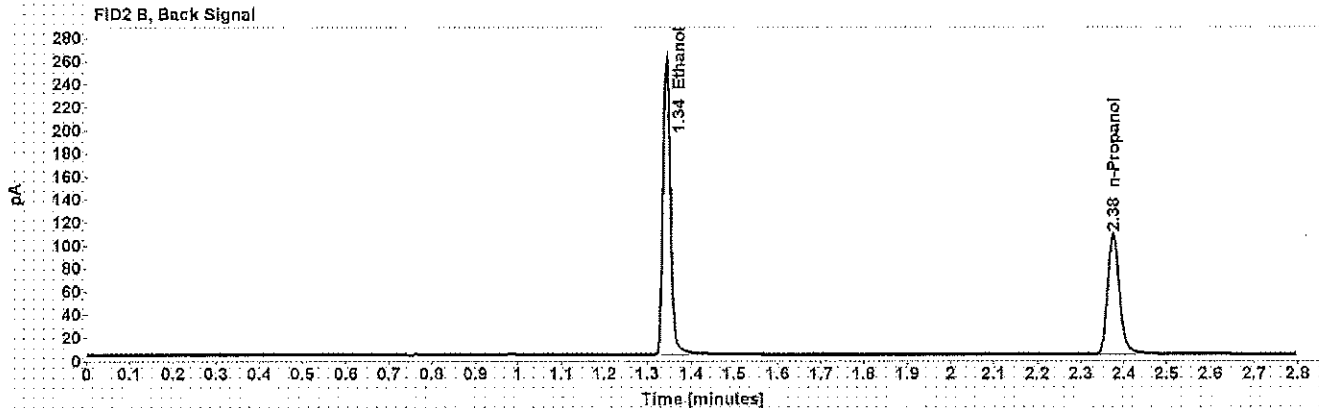
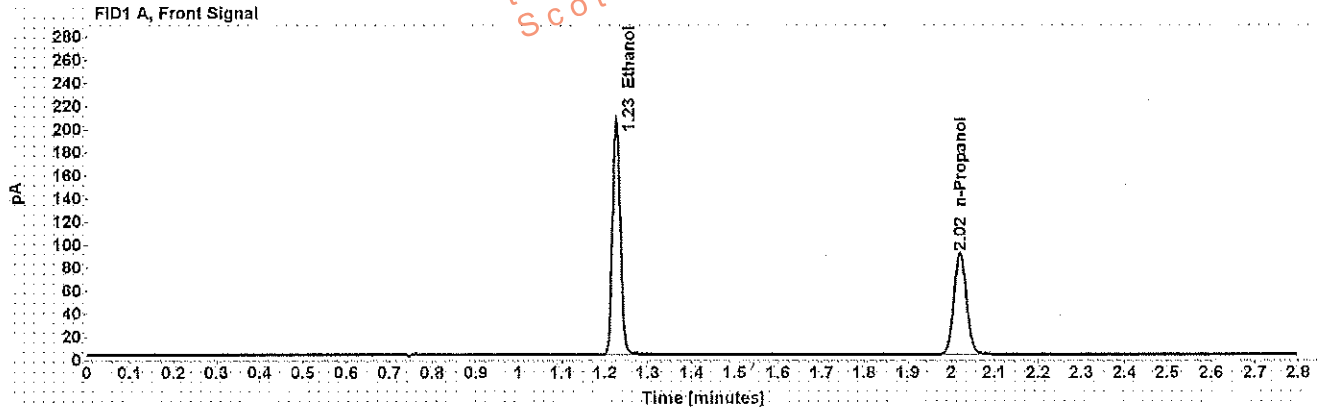


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4044	1.227	260.772
n-Propanol	-----	2.020	180.658

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

Compound	Time (min)	Peak Area
Ethanol	1.343	305.223
n-Propanol	2.375	202.585

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> 0.040 Lipomed 09022015-A <b>Injection date:</b> 11/6/2017 12:49:03 PM <b>Method:</b> ethanol quant.M <b>Instrument:</b> US14173023 CN14160045 <b>Data file:</b> C:\Chem321\Dat\6Nov17\8.D	<b>Item number:</b> <b>Vial:</b> 8 <b>Sequence:</b> 6Nov17 <b>Analyst:</b> Adrian
--	--

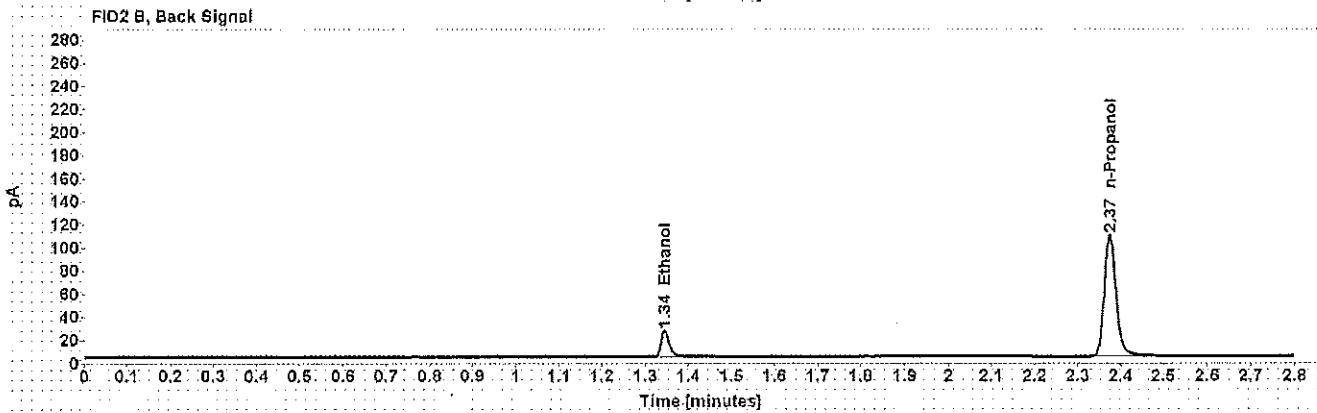
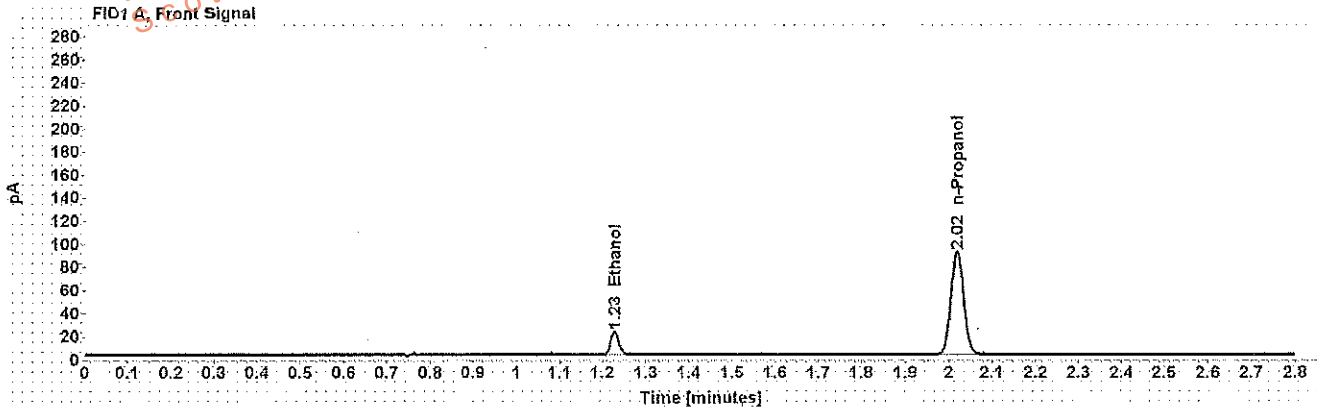


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0401	1.228	25.477
n-Propanol	-----	2.019	183.096

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

Compound	Time (min)	Peak Area
Ethanol	1.345	28.860
n-Propanol	2.374	205.059

# Scottsdale Police Department Crime Lab Volatiles Analysis

NA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 11/6/2017 12:53:03 PM	Vial: 9
Method: ethanol quant.M	Sequence: 6Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Nov17\9.D	

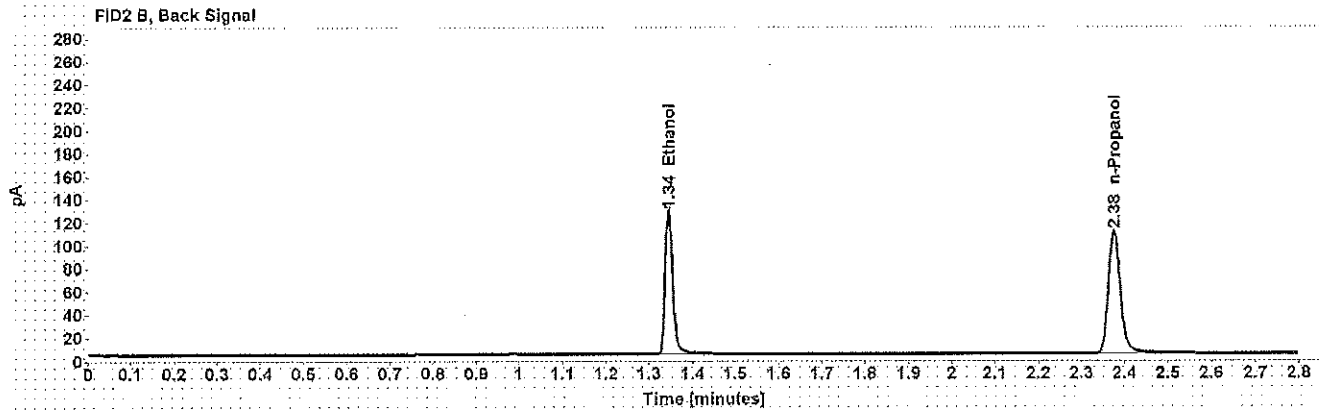
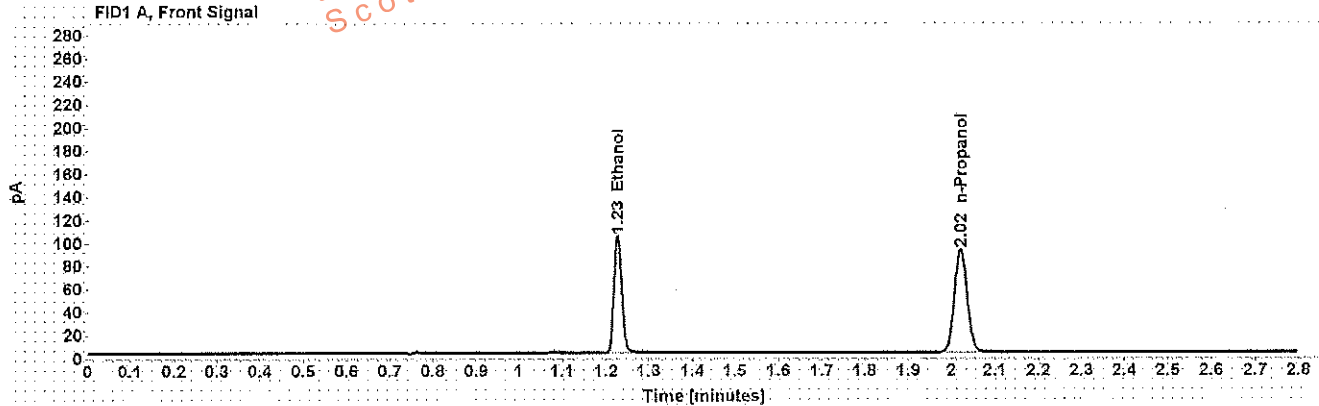


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1999	1.228	130.503
n-Propanol	-----	2.021	183.433

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

Compound	Time (min)	Peak Area
Ethanol	1.345	151.481
n-Propanol	2.376	205.858

# Scottsdale Police Department Crime Lab Volatiles Analysis

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED.  
Scottsdale City Prosecutor

W4

Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 11/6/2017 1:37:34 PM	Vial: 20
Method: ethanol quant.M	Sequence: 6Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov17\20.D	

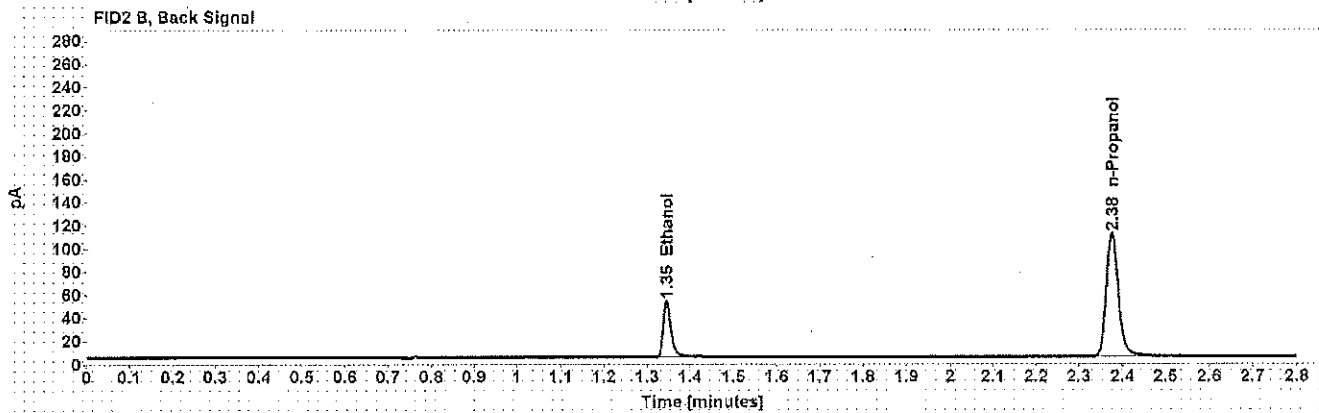
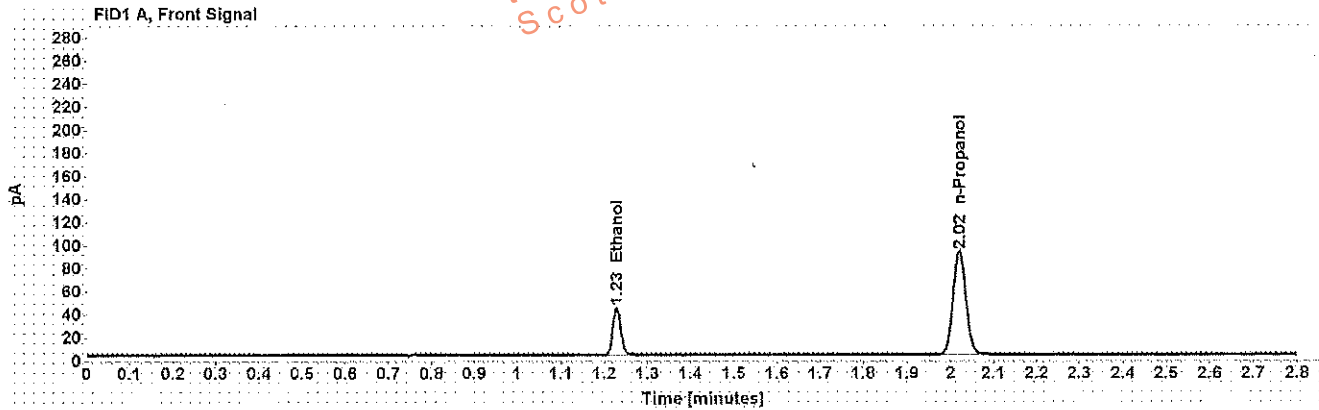


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0814	1.228	52.936
n-Propanol	-----	2.021	184.520

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

Compound	Time (min)	Peak Area
Ethanol	1.346	60.851
n-Propanol	2.376	207.414

# Scottsdale Police Department Crime Lab Volatiles Analysis

MA

<b>Sample:</b> 0.150 Lipomed 09022015-C	<b>Item number:</b>
<b>Injection date:</b> 11/6/2017 2:22:03 PM	<b>Vial:</b> 31
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\6Nov17\31.D	

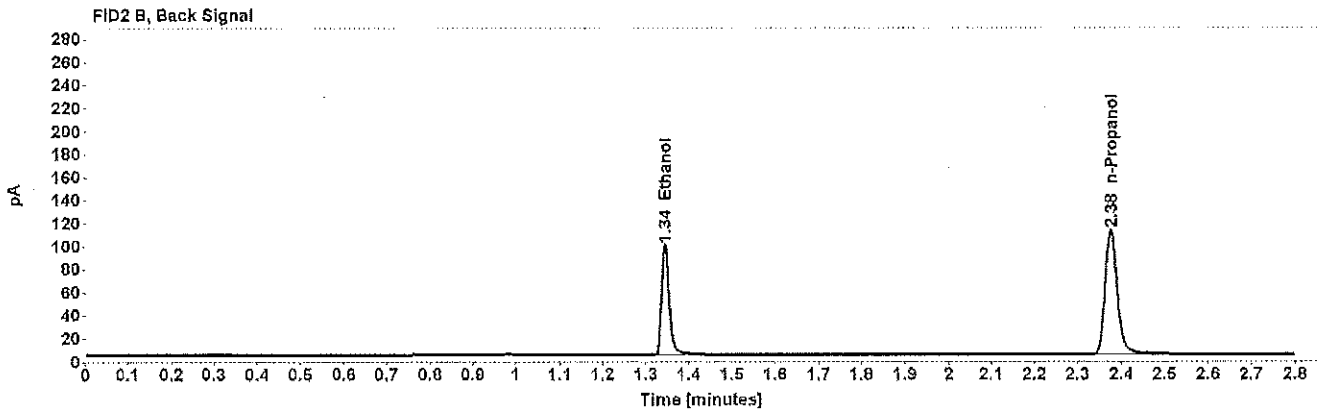
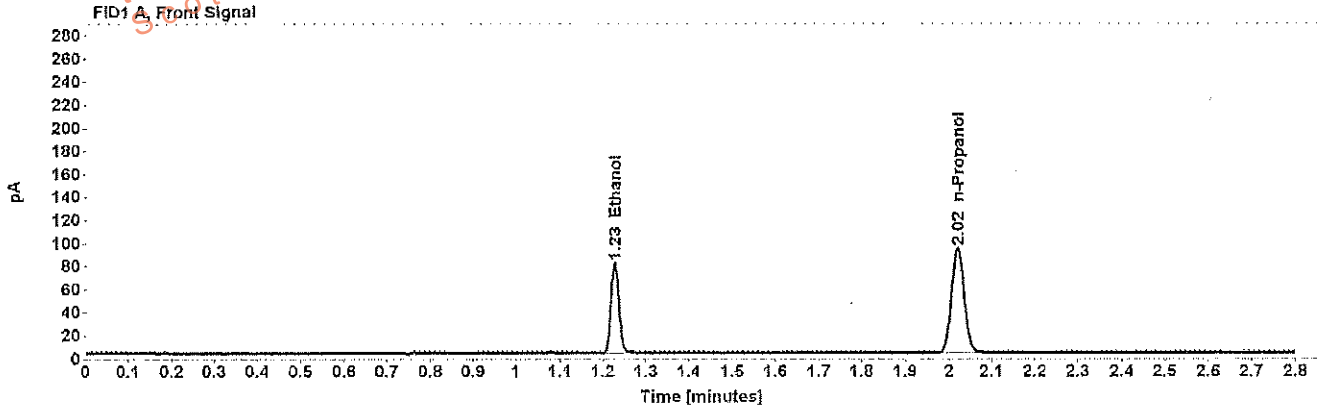


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1526	1.228	100.967
n-Propanol	-----	2.020	186.324

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

Compound	Time (min)	Peak Area
Ethanol	1.345	117.301
n-Propanol	2.376	210.041

# Scottsdale Police Department Crime Lab Volatiles Analysis

M\*

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 11/6/2017 3:06:18 PM	Vial: 42
Method: ethanol quant.M	Sequence: 6Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Nov17\42.D	

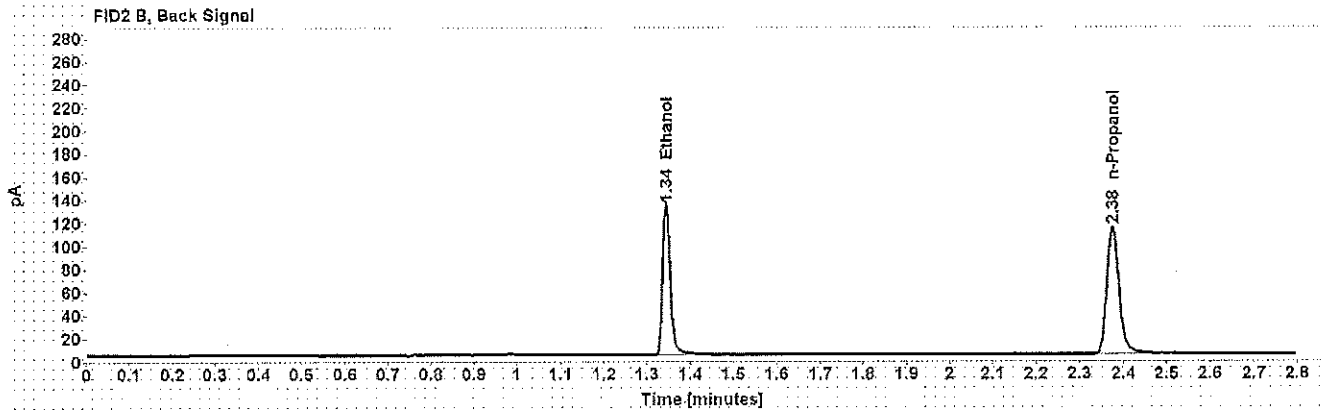
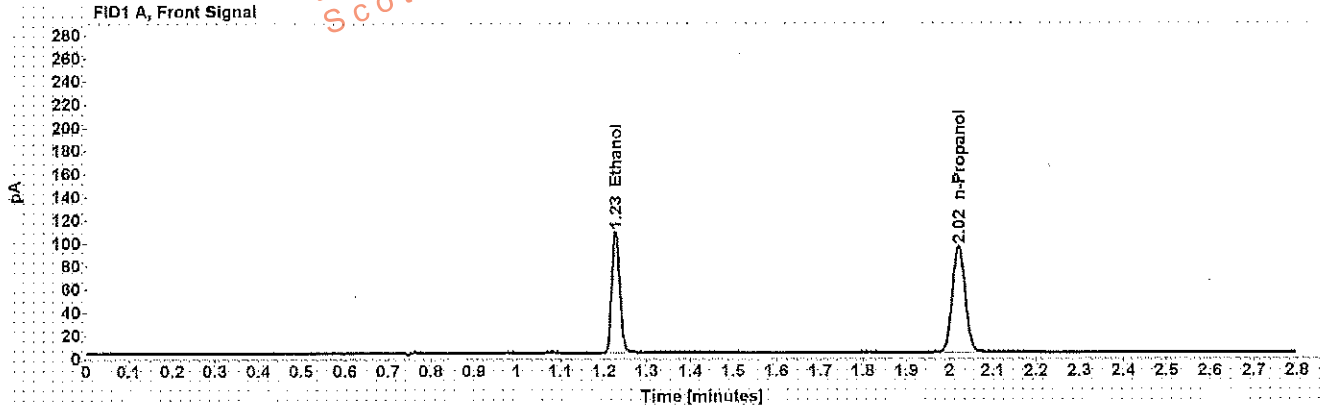


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2015	1.227	135.527
n-Propanol	-----	2.020	189.057

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

Compound	Time (min)	Peak Area
Ethanol	1.344	159.262
n-Propanol	2.375	214.284

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.40 Lipomed 08012015-C	Item number:
Injection date: 11/6/2017 3:50:49 PM	Vial: 53
Method: ethanol quant.M	Sequence: 6Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov17\53.D	

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

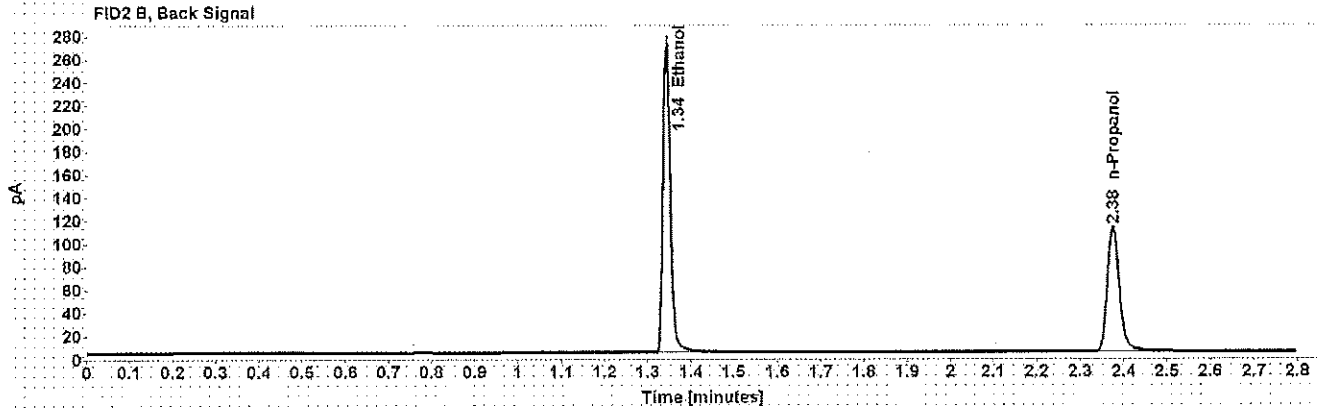
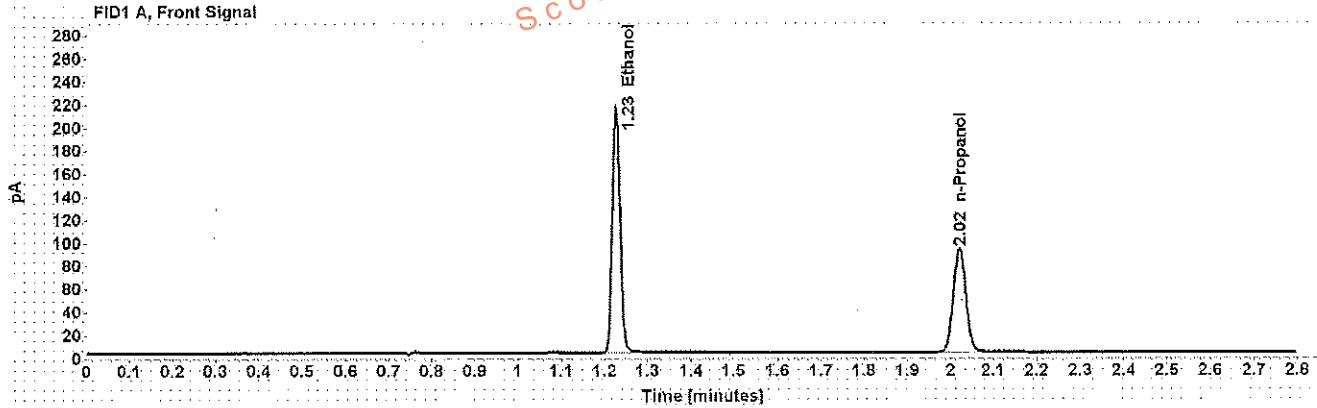


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4078	1.227	270.133
n-Propanol	-----	2.020	185.557

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

Compound	Time (min)	Peak Area
Ethanol	1.343	319.251
n-Propanol	2.375	210.488

# Scottsdale Police Department Crime Lab Volatiles Analysis

WIA

Sample: 0.04 Lipomed 09022015-A	Item number:
Injection date: 11/6/2017 3:54:48 PM	Vial: 54
Method: ethanol quant M	Sequence: 6Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\6Nov17\54.D	

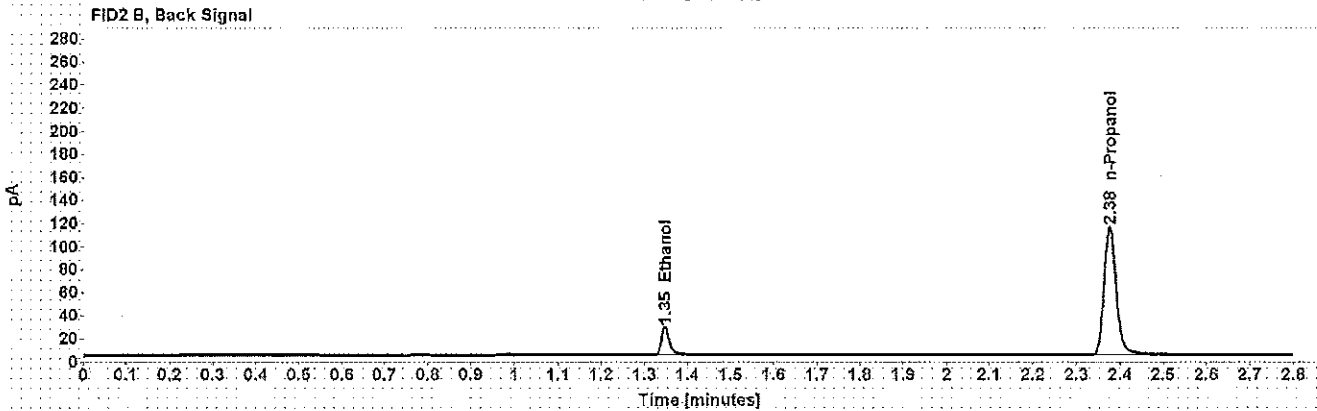
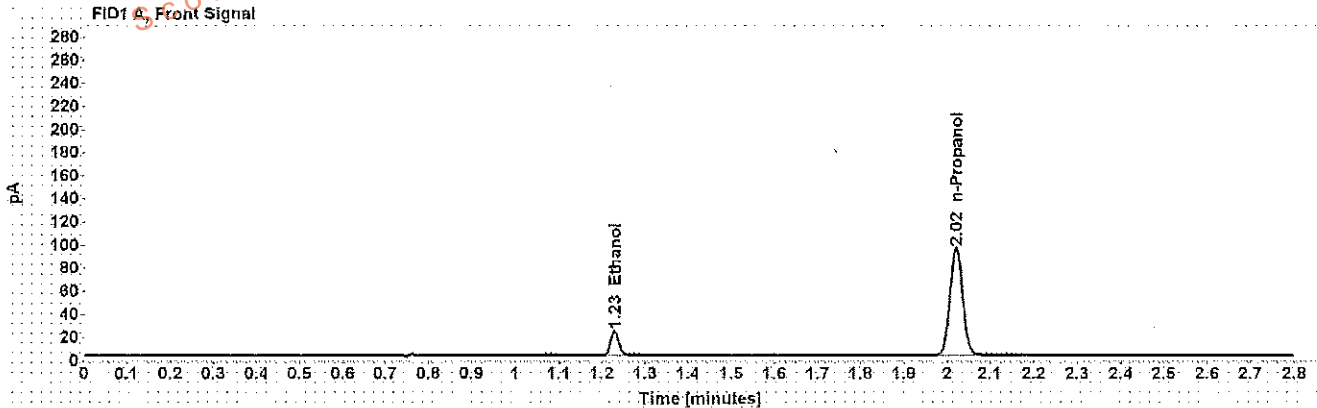


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0409	1.229	27.026
n-Propanol	-----	2.021	190.108

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

Compound	Time (min)	Peak Area
Ethanol	1.347	30.856
n-Propanol	2.376	215.829



# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 11/6/2017 3:59:03 PM	Vial: 55
Method: ethanol quant.M	Sequence: 6Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\6Nov17\55.D	

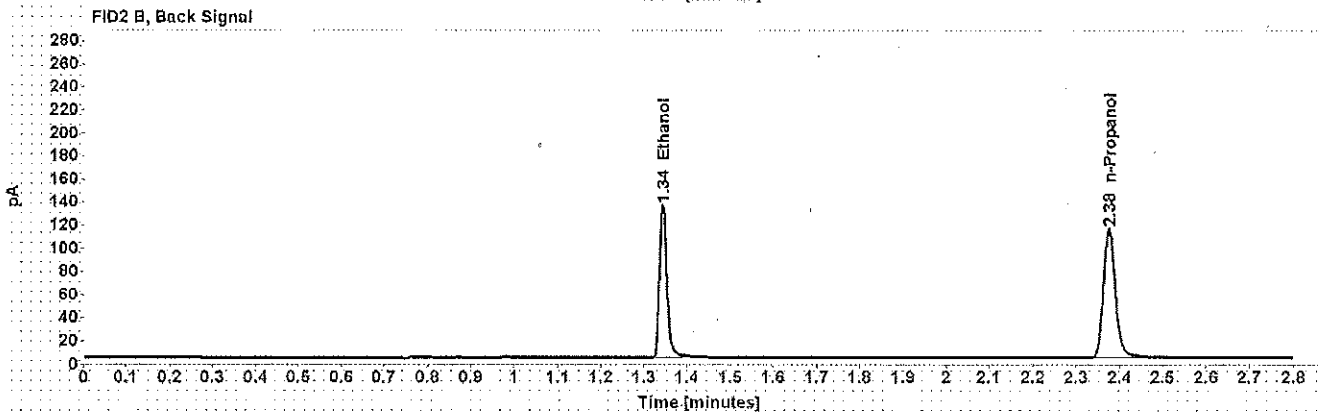
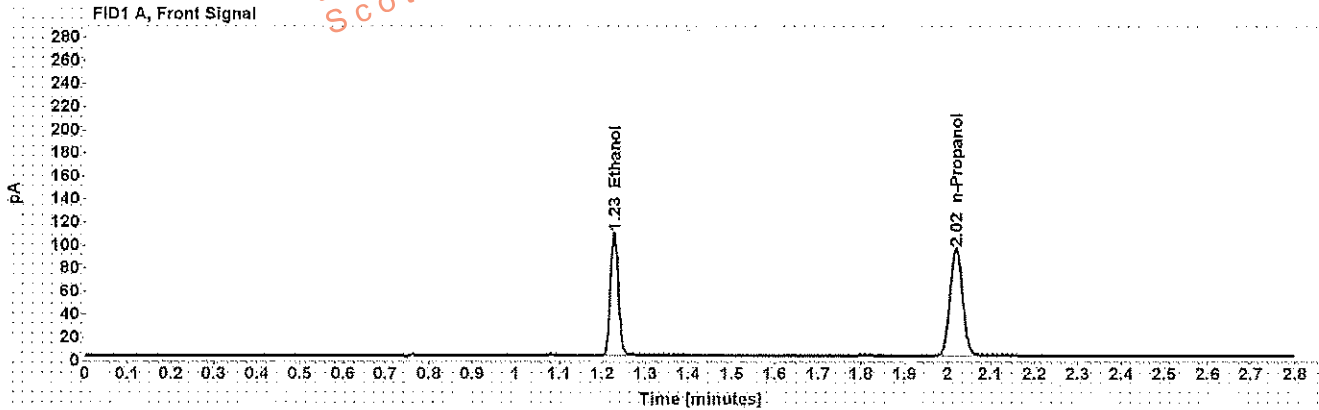


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2027	1.228	137.363
n-Propanol	-----	2.020	190.402

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

Compound	Time (min)	Peak Area
Ethanol	1.344	160.585
n-Propanol	2.376	217.036

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: blank 090517	Item number:
Injection date: 11/6/2017 4:03:04 PM	Vial: 56
Method: ethanol quant.M	Sequence: 6Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1\Data\6Nov17\56.D	

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED.  
Scottsdale City Prosecutor

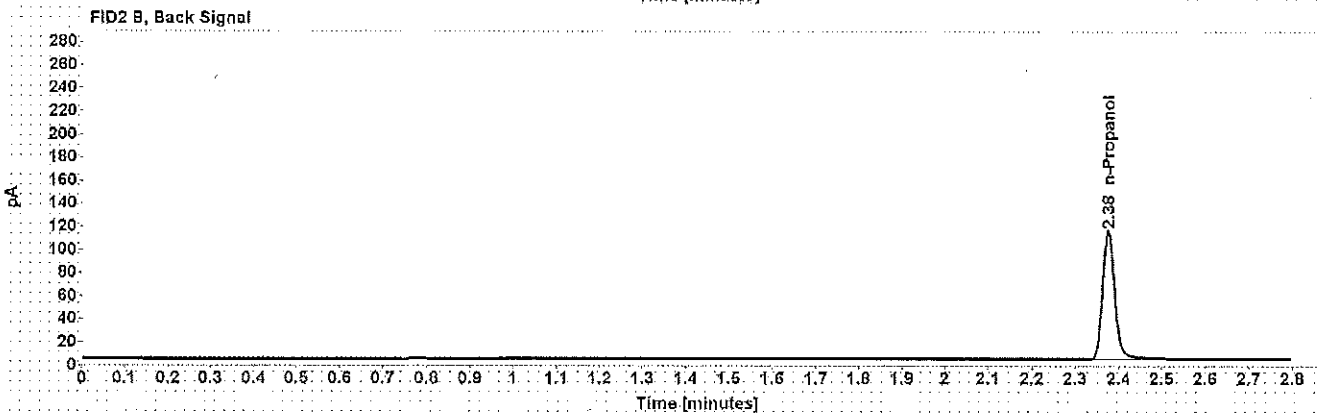
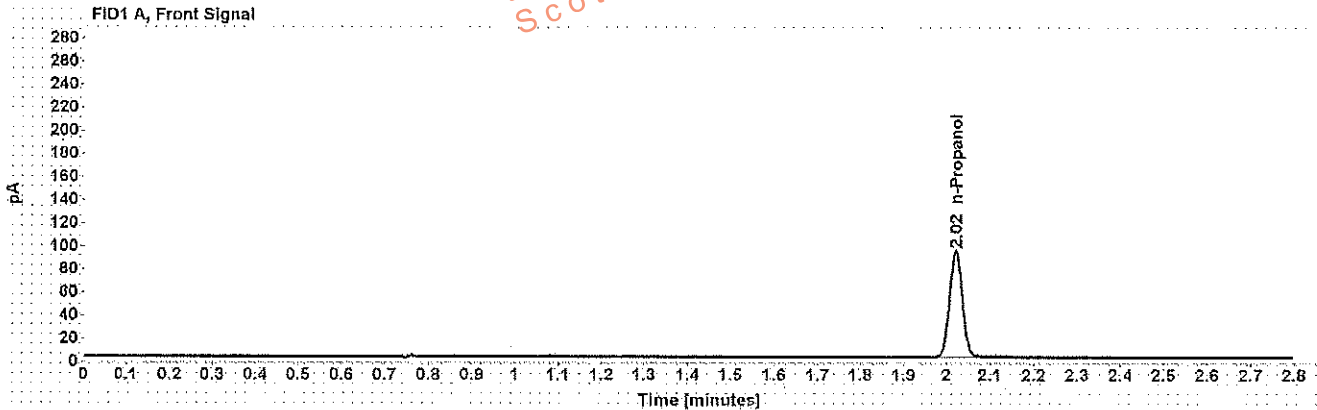


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.021	189.968

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

Compound	Time (min)	Peak Area
n-Propanol	2.376	215.455

# Sequence Summary

WA

Sequence name: 6Nov17 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 090517	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	0.198 ACQ 407041529/3	Control		ethanol quant.M
10	[REDACTED]	Sample	<del>86644285607</del> 1155546	ethanol quant.M
11	[REDACTED]	Sample	<del>86644285607</del> 1155546	ethanol quant.M
12	[REDACTED]	Sample	1155546	ethanol quant.M
13	[REDACTED]	Sample	1155546	ethanol quant.M
14	[REDACTED]	Sample	1153349	ethanol quant.M
15	[REDACTED]	Sample	1153349	ethanol quant.M
16	[REDACTED]	Sample	1178217	ethanol quant.M
17	[REDACTED]	Sample	1178217	ethanol quant.M
18	[REDACTED]	Sample	1178214	ethanol quant.M
19	[REDACTED]	Sample	1178214	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21	[REDACTED]	Sample	1178023	ethanol quant.M
22	[REDACTED]	Sample	1178023	ethanol quant.M
23	[REDACTED]	Sample	1176257	ethanol quant.M
24	[REDACTED]	Sample	1176257	ethanol quant.M
25	[REDACTED]	Sample	1174983	ethanol quant.M
26	[REDACTED]	Sample	1174983	ethanol quant.M
27	[REDACTED]	Sample	1179343	ethanol quant.M
28	[REDACTED]	Sample	1179343	ethanol quant.M
29	[REDACTED]	Sample	1165517	ethanol quant.M
30	[REDACTED]	Sample	1165517	ethanol quant.M
31	0.150 Lipomed 09022015-C	Control		ethanol quant.M
32	[REDACTED]	Sample	1158448	ethanol quant.M
33	[REDACTED]	Sample	1158448	ethanol quant.M
34	[REDACTED]	Sample	1166071	ethanol quant.M
35	[REDACTED]	Sample	1166071	ethanol quant.M
36	[REDACTED]	Sample	1177291	ethanol quant.M
37	[REDACTED]	Sample	1177291	ethanol quant.M
38	[REDACTED]	Sample	1176728	ethanol quant.M
39	[REDACTED]	Sample	1176728	ethanol quant.M
40	[REDACTED]	Sample	1176357	ethanol quant.M
41	[REDACTED]	Sample	1176357	ethanol quant.M
42	0.198 ACQ 407041529/3	Control		ethanol quant.M
43	[REDACTED]	Sample	1177247	ethanol quant.M
44	[REDACTED]	Sample	1177247	ethanol quant.M
45	[REDACTED]	Sample	1176726	ethanol quant.M
46	[REDACTED]	Sample	1176726	ethanol quant.M
47	[REDACTED]	Sample	1170716	ethanol quant.M

Dissemination is restricted to Criminal Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to prosecutive agencies is PROHIBITED.

# Sequence Summary

WA

48		Sample	1170716	ethanol quant.M
49		Sample	1171735	ethanol quant.M
50		Sample	1171735	ethanol quant.M
51		Sample	317-01A	ethanol quant.M
52		Sample	317-01A	ethanol quant.M
53	0.40 Lipomed 08012015-C	Control		ethanol quant.M
54	0.04 Lipomed 09022015-A	Control		ethanol quant.M
55	0.198 ACQ 407041529/3	Control		ethanol quant.M
56	blank 090517	Control		ethanol quant.M

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED.  
Scottsdale City Prosecutor

# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 6Nov17

ANALYST: Adrian WA

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2363	0.2379	0.23710	0.34	0.00080
12 13	0.2794	0.2815	0.28045	0.37	0.00105
14 15	0.1107	0.1106	0.11065	0.05	0.00005
16 17	0.1028	0.1028	0.10280	0.00	0.00000
18 19	0.1300	0.1319	0.13095	0.73	0.00095
21 22	0.0515	0.0513	0.05140	0.19	0.00010
23 24	0.1871	0.1874	0.18725	0.08	0.00015
25 26	0.2552	0.2515	0.25335	0.73	0.00185
27 28	0.1512	0.1536	0.15240	0.79	0.00120
29 30	0.0744	0.0749	0.07465	0.33	0.00025
32 33	0.1045	0.1051	0.10480	0.29	0.00030
34 35	0.0000	0.0000	0.00000	0.00	0.00000
36 37	0.1848	0.1887	0.18675	1.04	0.00195
38 39	0.2036	0.2091	0.20635	1.33	0.00275
40 41	0.1718	0.1723	0.17205	0.15	0.00025
43 44	0.0635	0.0639	0.06370	0.31	0.00020
45 46	0.0693	0.0702	0.06975	0.65	0.00045
47 48	0.0000	0.0000	0.00000	0.00	0.00000
49 50	0.1474	0.1482	0.14780	0.27	0.00040
51 52	0.2570	0.2566	0.25680	0.08	0.00020

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

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: <del>856412</del> 856602
Injection date: 11/6/2017 12:57:03 PM	Vial: 10 WLA 11/8/17
Method: ethanol quant.M	Sequence: 6Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Nov17\10.D	

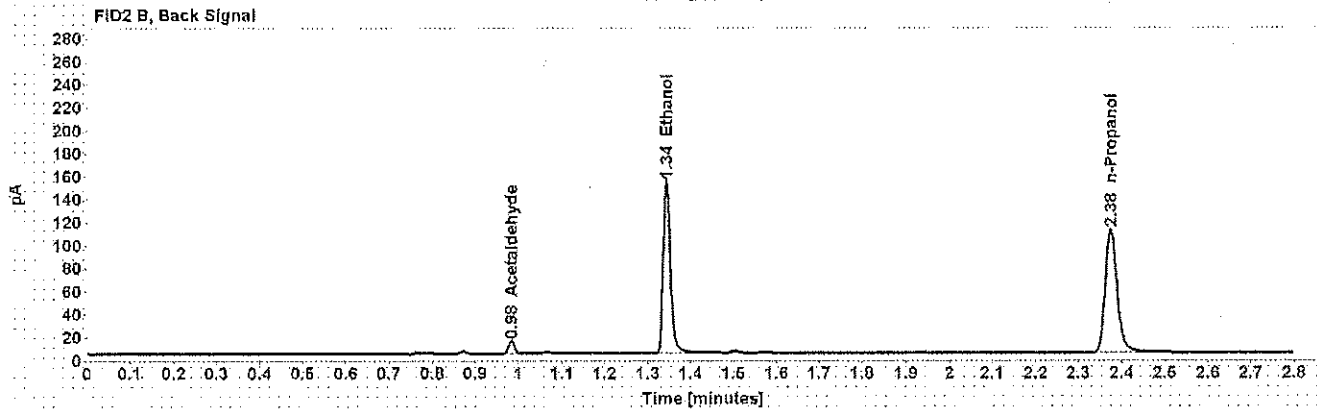
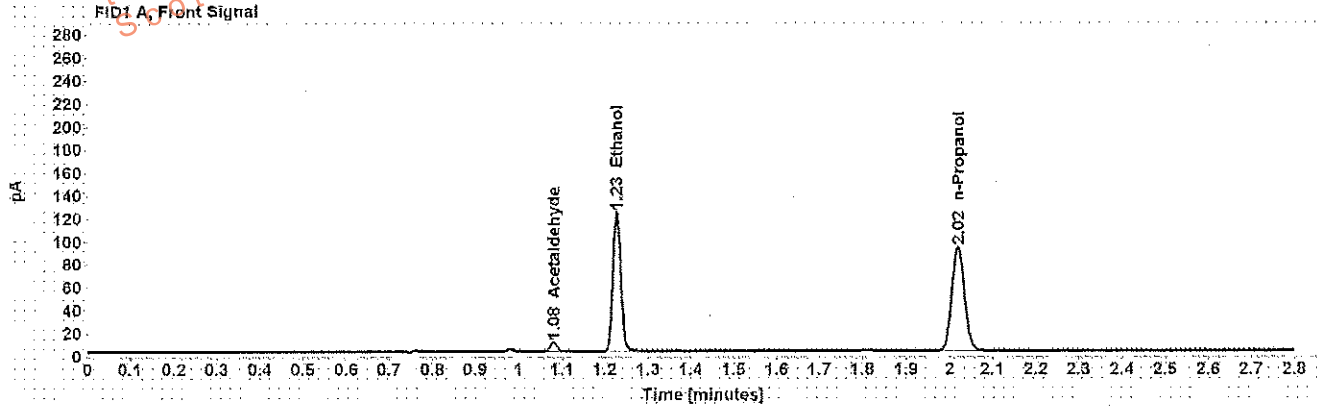


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	8.218
>Ethanol	0.2363	1.227	155.608
n-Propanol	-----	2.020	184.891

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	10.050
Ethanol	1.343	181.820
n-Propanol	2.375	208.518

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: <del>856442</del> 856602
Injection date: 11/6/2017 1:01:03 PM	Vial: 11 WLA 11/8/17
Method: ethanol quant.M	Sequence: 6Nov17
Instrument: US14173823 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\6Nov17\11D	

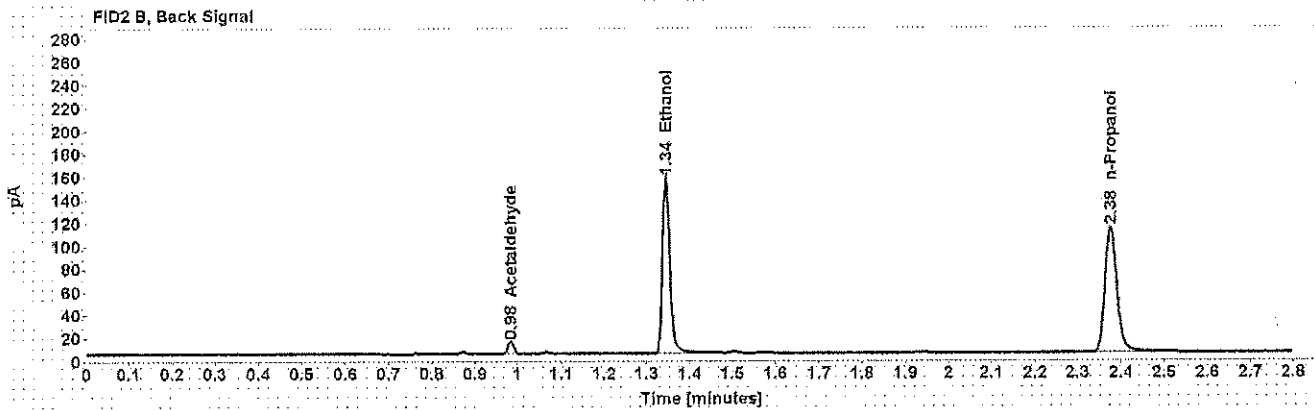
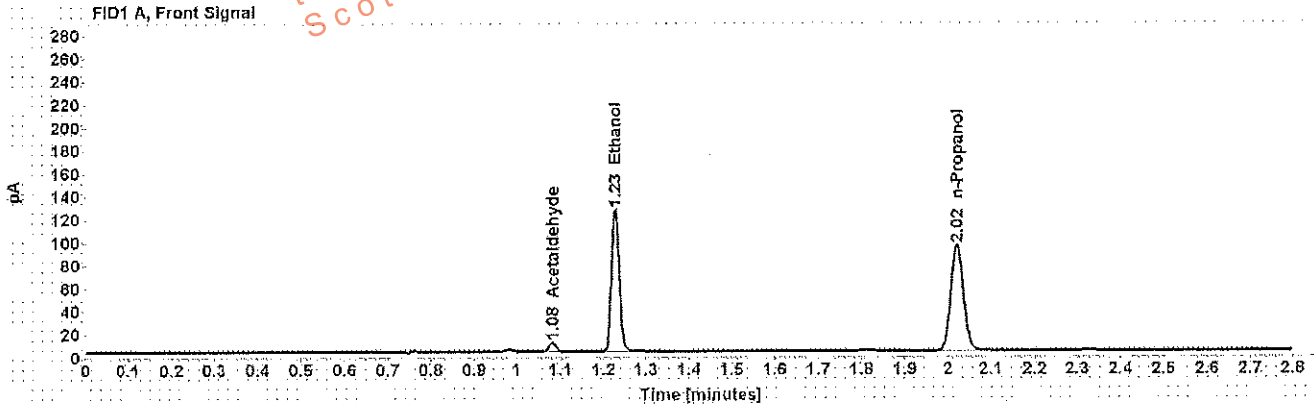


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	8.184
>Ethanol	0.2379	1.228	158.974
n-Propanol	-----	2.021	187.607

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	10.031
Ethanol	1.345	185.917
n-Propanol	2.376	211.528

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1155546
Injection date: 11/6/2017 1:05:03 PM	Vial: 12
Method: ethanol quant.M	Sequence: 6Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov17\12.D	

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED.  
Scottsdale City Prosecutor

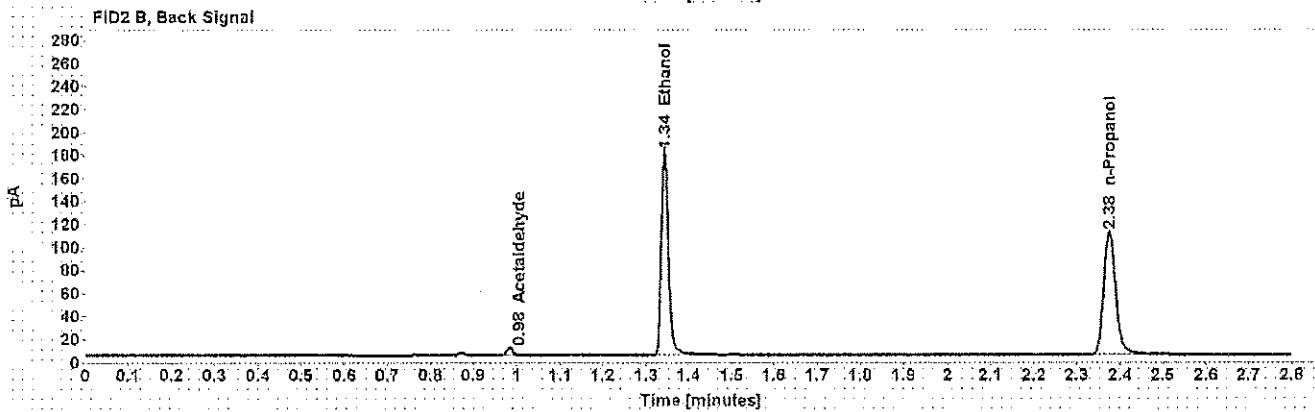
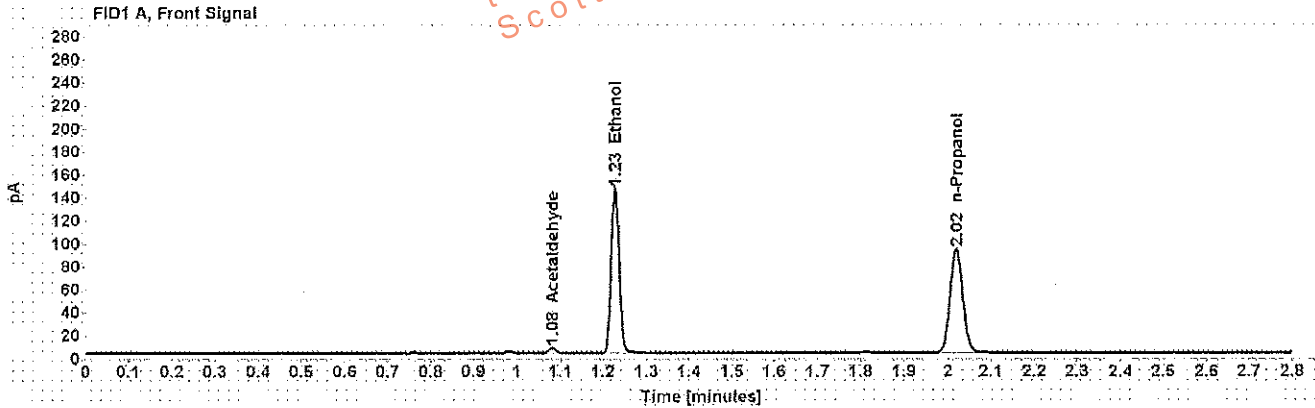


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.973
>Ethanol	0.2794	1.227	183.770
n-Propanol	-----	2.020	184.548

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.103
Ethanol	1.343	213.590
n-Propanol	2.375	208.061



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1155546
Injection date: 11/6/2017 1:09:18 PM	Vial: 13
Method: ethanol quant.M	Sequence: 6Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\6Nov17\13.D	

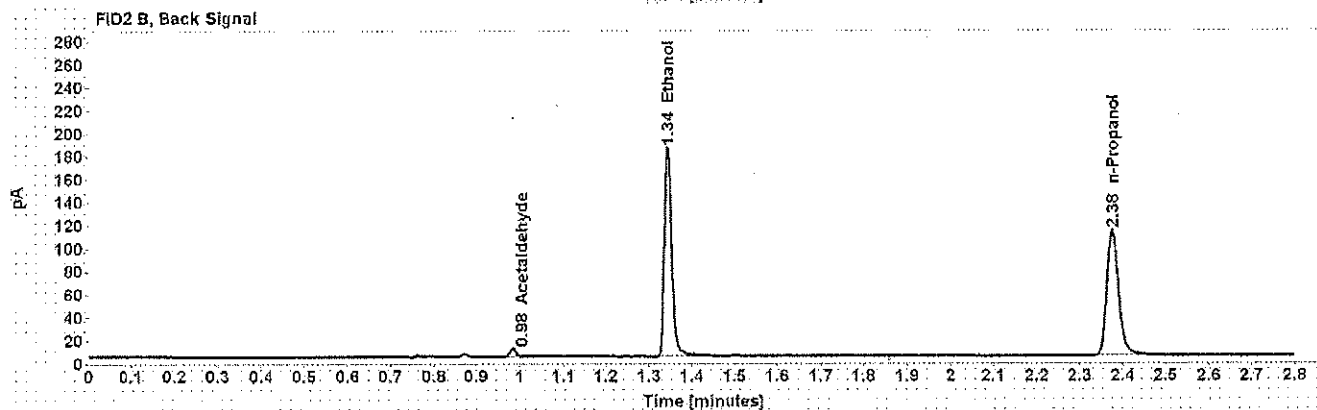
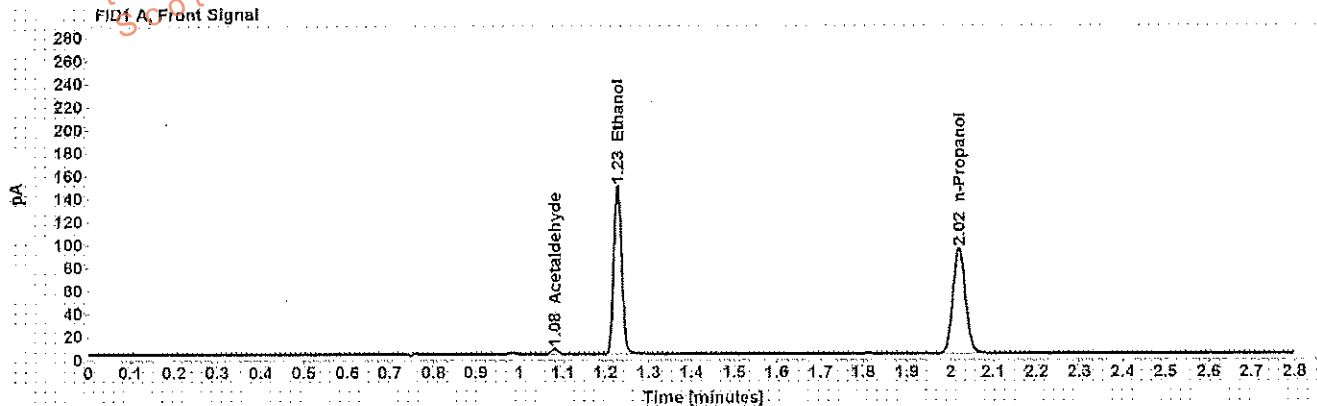


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.944
>Ethanol	0.2815	1.228	187.932
n-Propanol	-----	2.020	187.306

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.070
Ethanol	1.344	217.978
n-Propanol	2.376	210.904

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1153349
Injection date:	11/6/2017 1:13:18 PM	Vial:	14
Method:	ethanol quant.M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211>Data\6Nov17\14.D		

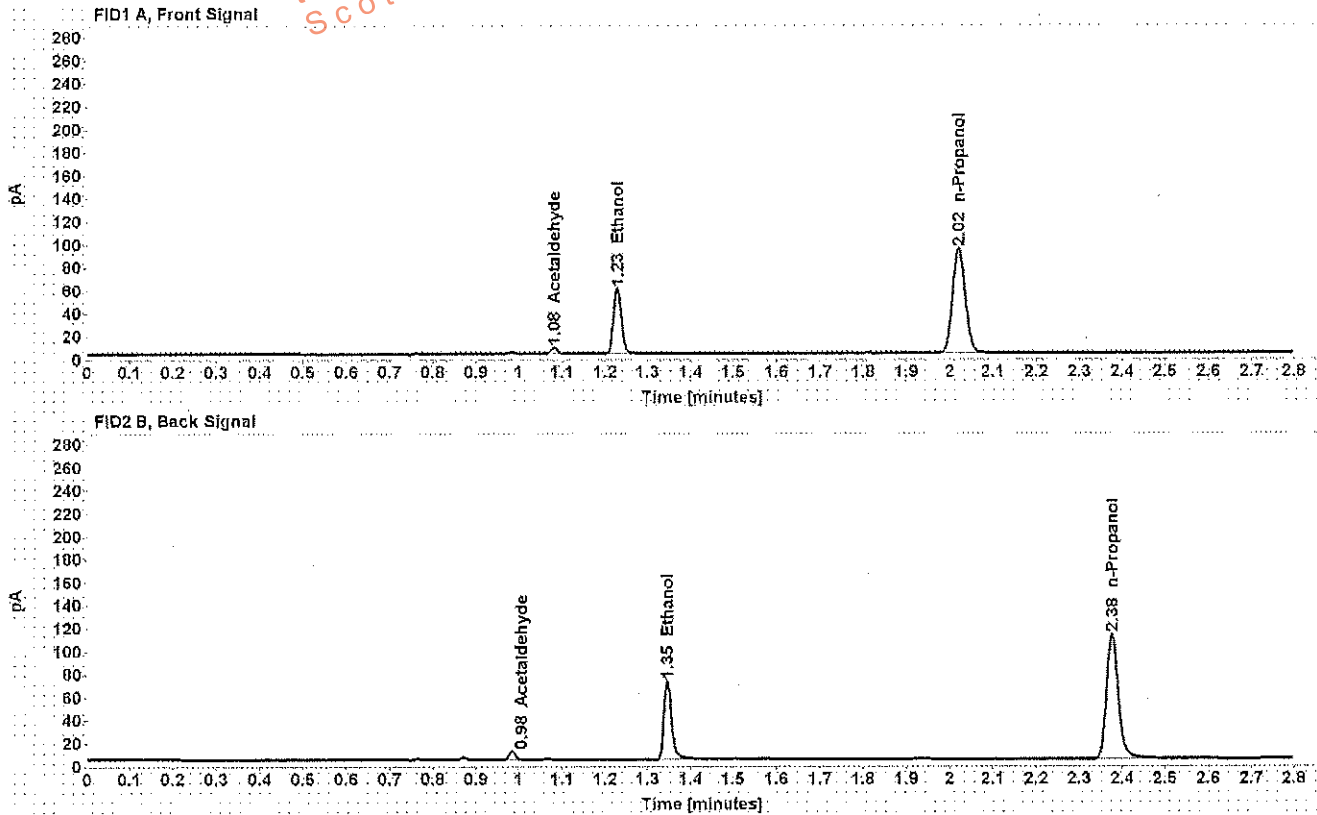


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.494
>Ethanol	0.1107	1.229	73.201
n-Propanol	-----	2.021	186.692

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.714
Ethanol	1.346	83.513
n-Propanol	2.376	210.250

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>		<b>Item number:</b>	1153349
<b>Injection date:</b>	11/6/2017 1:17:19 PM	<b>Vial:</b>	15
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	6Nov17
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Adrian
<b>Data file:</b>	C:\Chem32\11\Data\6Nov17\15.D		

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

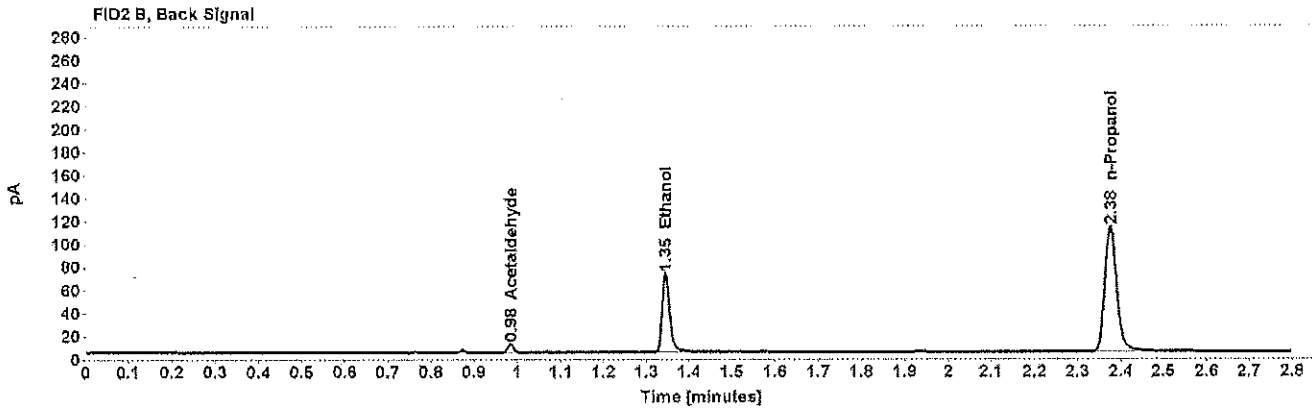
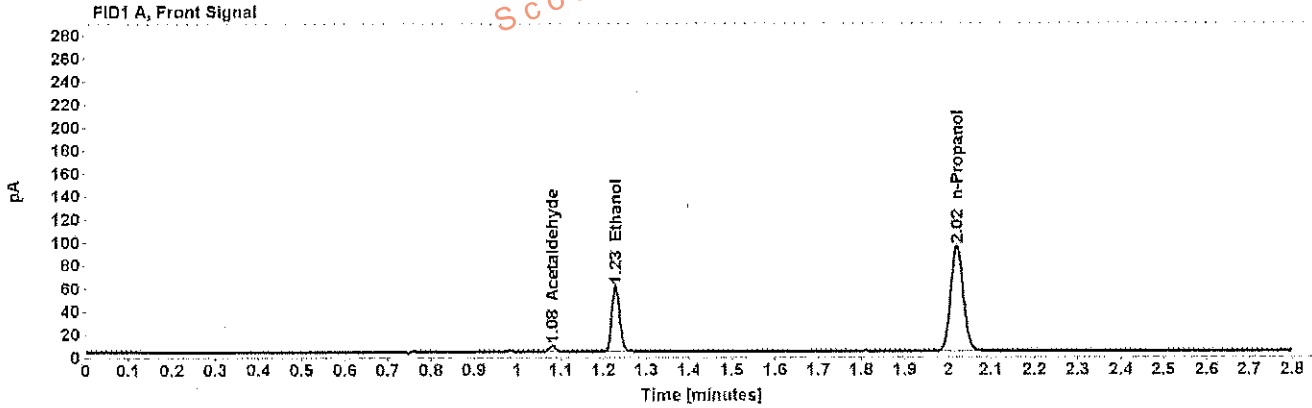


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.430
>Ethanol	0.1106	1.228	73.215
n-Propanol	-----	2.020	186.984

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.638
Ethanol	1.345	83.634
n-Propanol	2.376	210.573

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1153349
Injection date: 10/23/2017 4:33:09 PM	Vial: 14
Method: ethanol quant.M	Sequence: 23Oct17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\23Oct17\14.D	

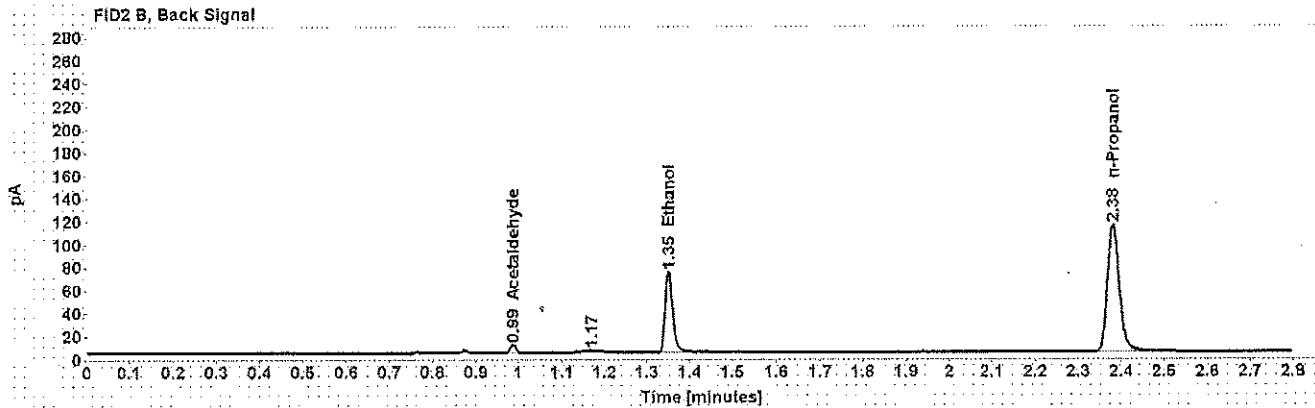
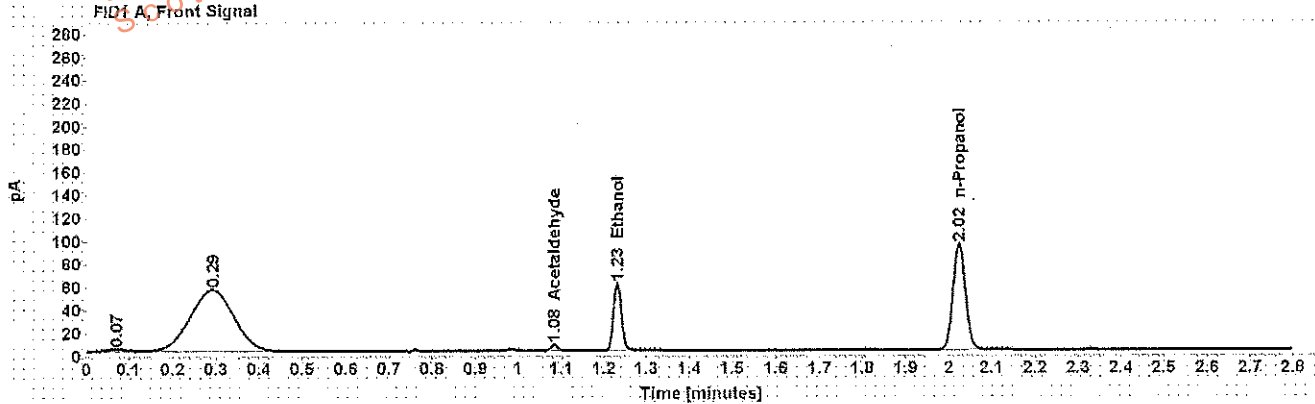


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.273
>Ethanol	0.1132	1.232	75.976
n-Propanol	-----	2.024	189.583

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	6.443
Ethanol	1.351	87.674
n-Propanol	2.381	214.539

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1153349
Injection date: 10/23/2017 4:37:09 PM	Vial: 15
Method: ethanol quant.M	Sequence: 23Oct17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\23Oct17\15.D	

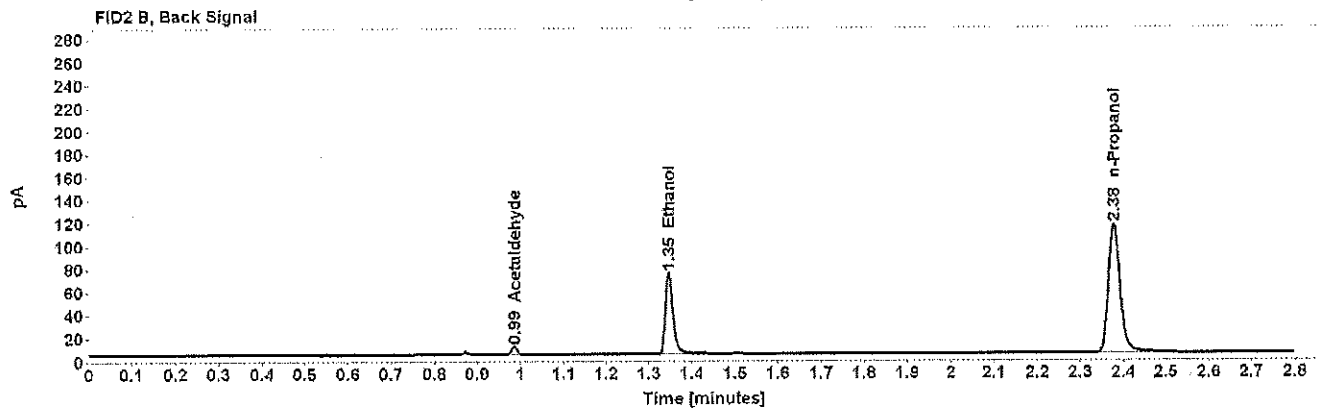
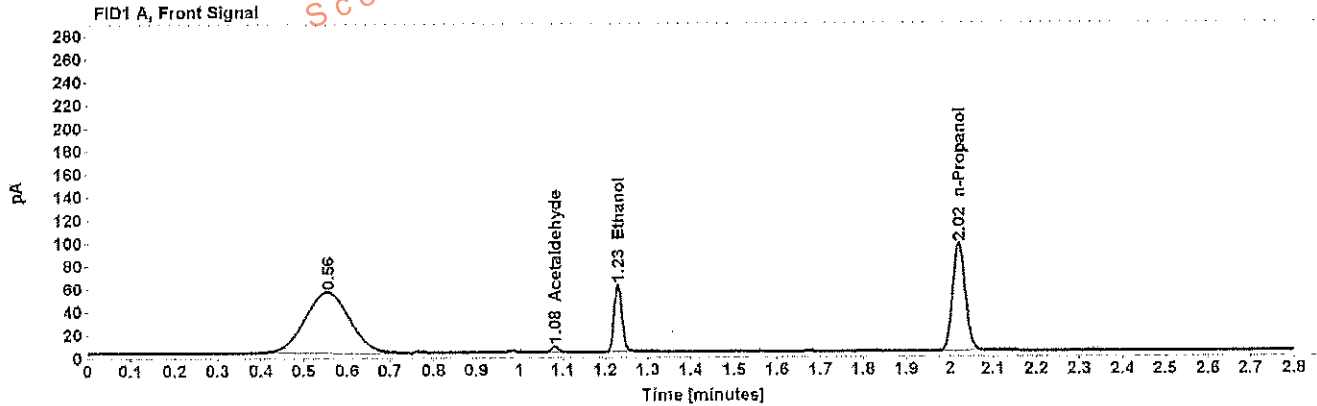


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	5.330
>Ethanol	0.1119	1.229	75.728
n-Propanol	-----	2.021	191.191

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	6.487
Ethanol	1.347	87.251
n-Propanol	2.378	216.614

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1178217
Injection date:	11/6/2017 1:21:18 PM	Vial:	16
Method:	ethanol quant.M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\6Nov17\16.D		

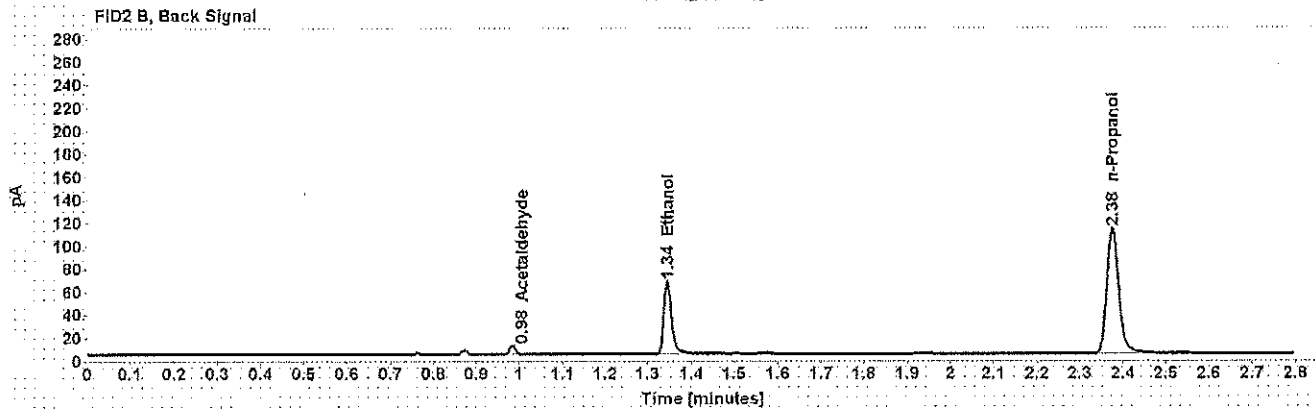
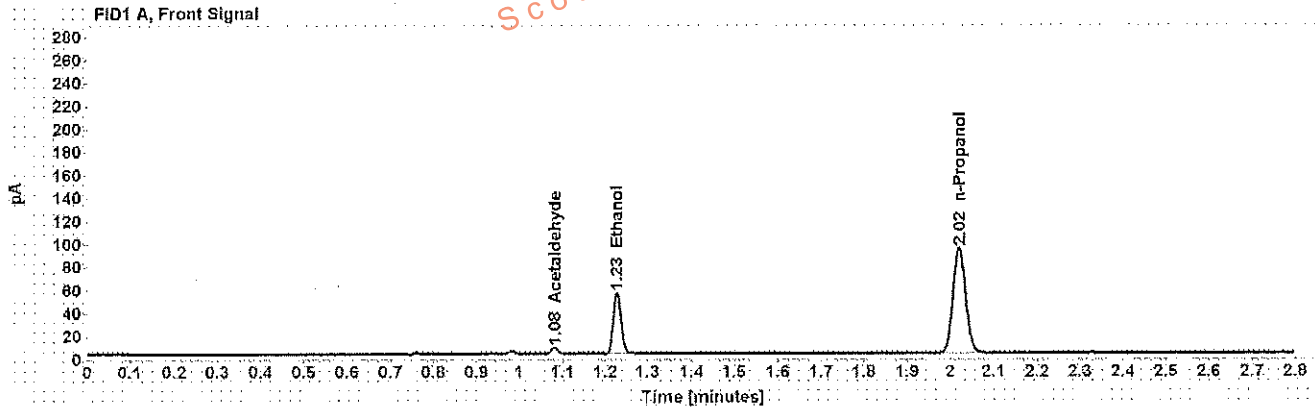


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.706
>Ethanol	0.1028	1.228	68.089
n-Propanol	-----	2.020	187.330

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	7.004
Ethanol	1.345	77.605
n-Propanol	2.376	211.534

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1178217
<b>Injection date:</b> 11/6/2017 1:25:18 PM	<b>Vial:</b> 17
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\11Data\6Nov17\17.D	

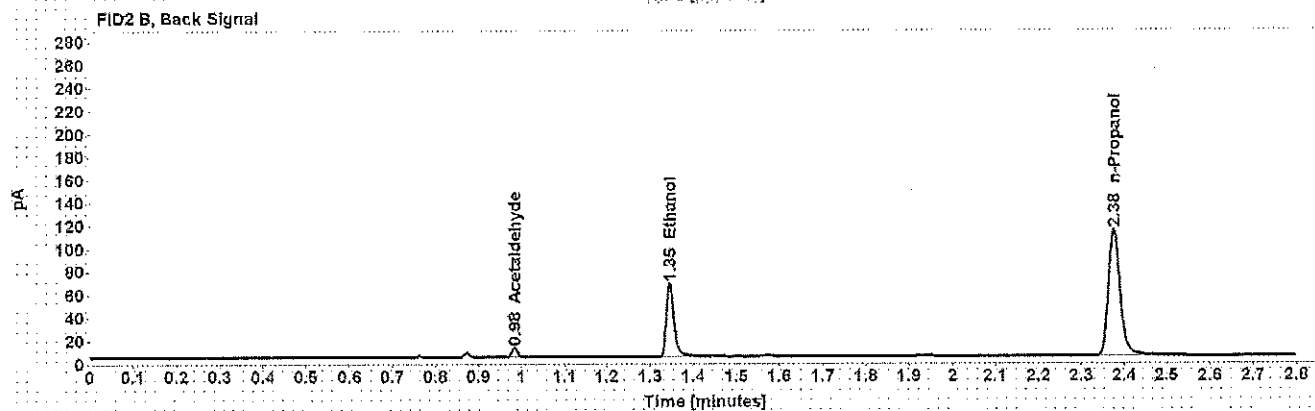
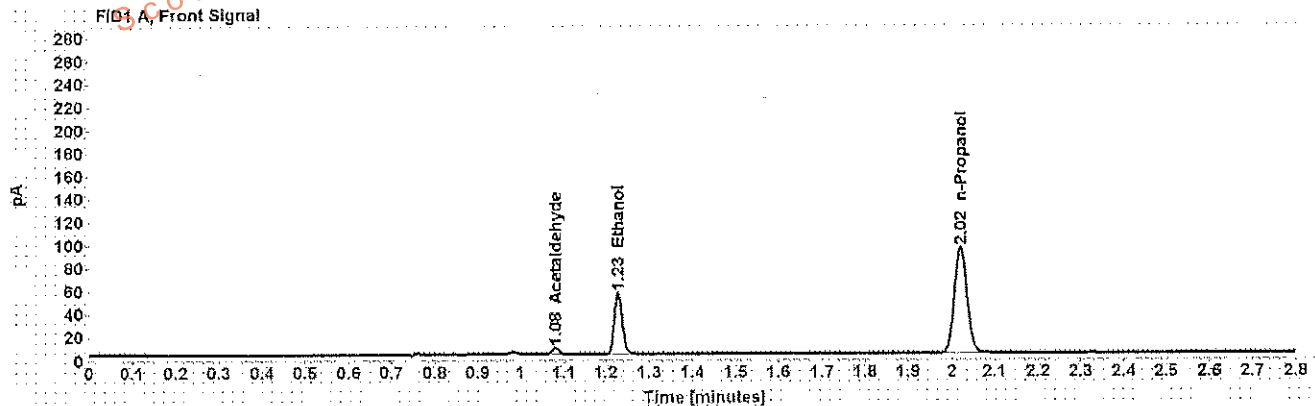


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.839
>Ethanol	0.1028	1.228	68.401
n-Propanol	-----	2.020	188.160

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	7.160
Ethanol	1.345	78.100
n-Propanol	2.376	212.615

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1178214
Injection date:	11/6/2017 1:29:18 PM	Vial:	18
Method:	ethanol quant M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Nov17\18.D		

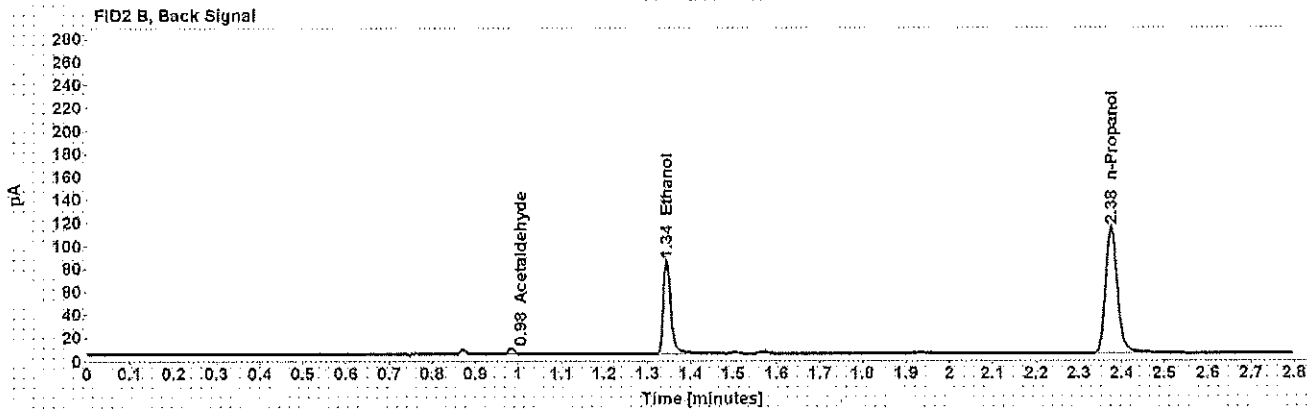
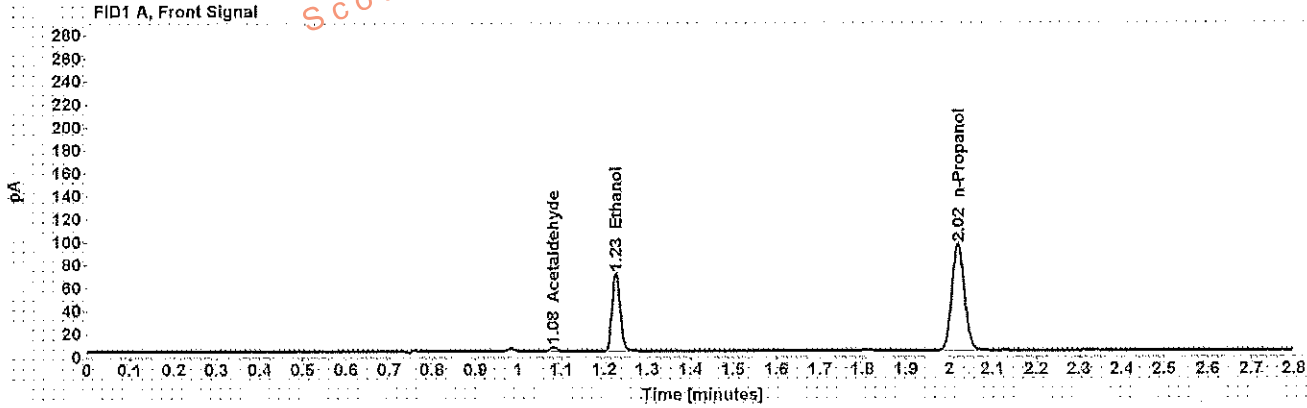


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	3.854
>Ethanol	0.1300	1.228	86.998
n-Propanol	-----	2.020	188.716

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.735
Ethanol	1.344	101.474
n-Propanol	2.375	213.089



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1178214
Injection date:	11/6/2017 1:33:33 PM	Vial:	19
Method:	ethanol quant.M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\6Nov17\19.D		

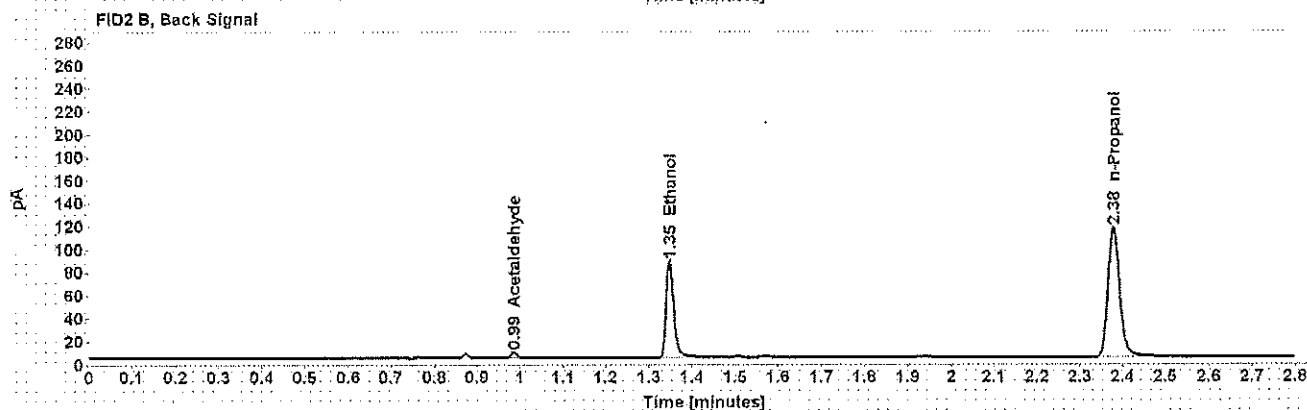
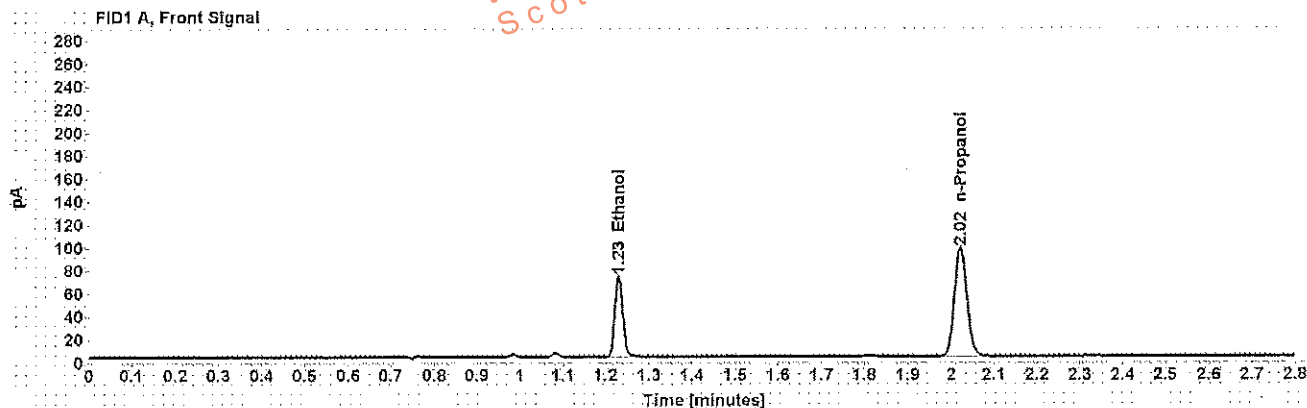


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1319	1.230	90.215
n-Propanol	-----	2.022	192.765

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.617
Ethanol	1.348	105.116
n-Propanol	2.379	218.383

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1178023
<b>Injection date:</b> 11/6/2017 1:41:34 PM	<b>Vial:</b> 21
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem3211\Data\6Nov17\21.D	

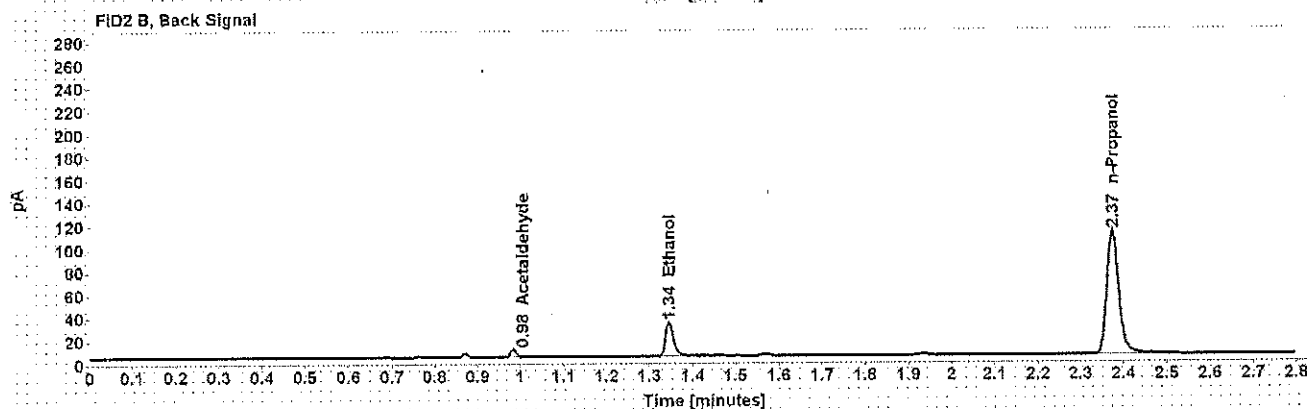
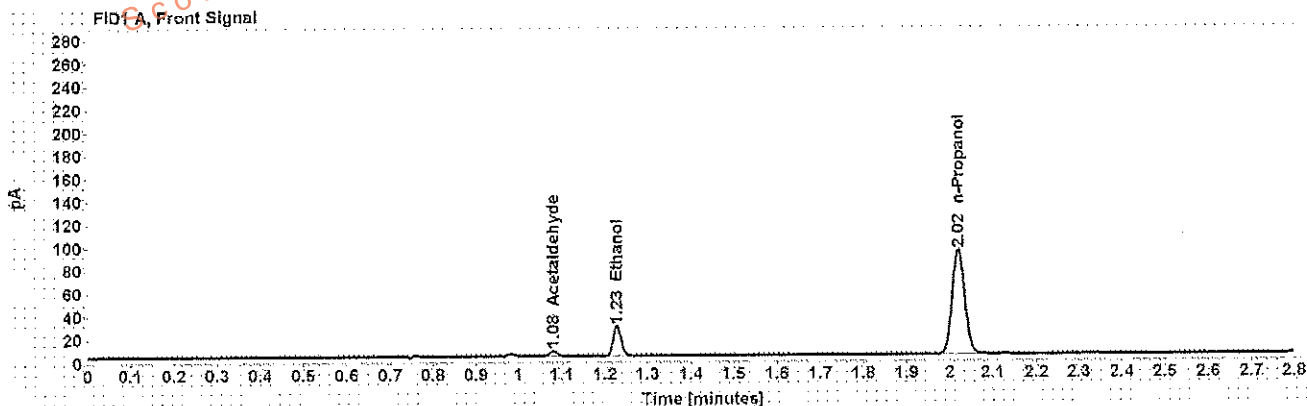


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.080	4.857
>Ethanol	0.0515	1.228	33.285
n-Propanol	-----	2.020	184.999

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.975
Ethanol	1.345	37.516
n-Propanol	2.375	208.977

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1178023
Injection date:	11/6/2017 1:45:34 PM	Vial:	22
Method:	ethanol quant.M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\1Data\6Nov17\22.D		

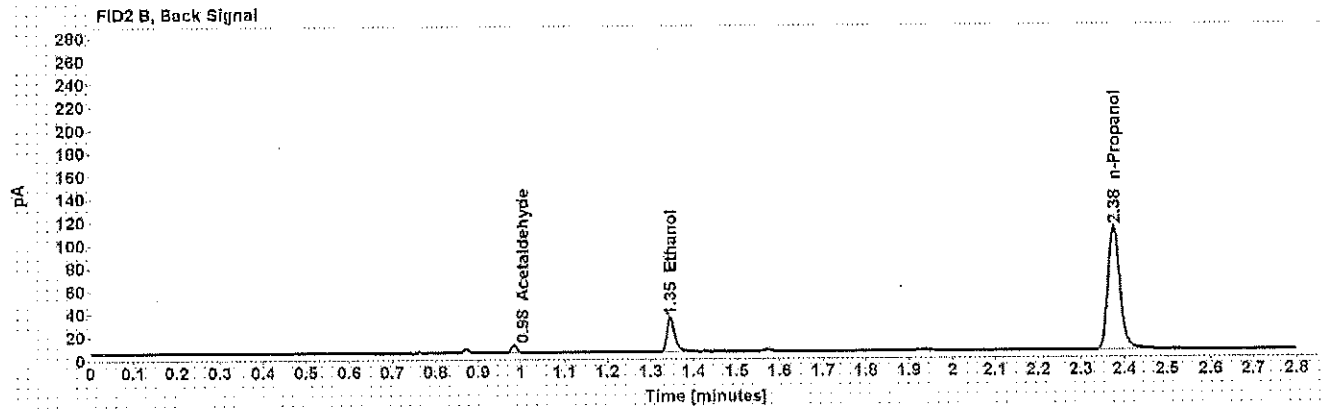
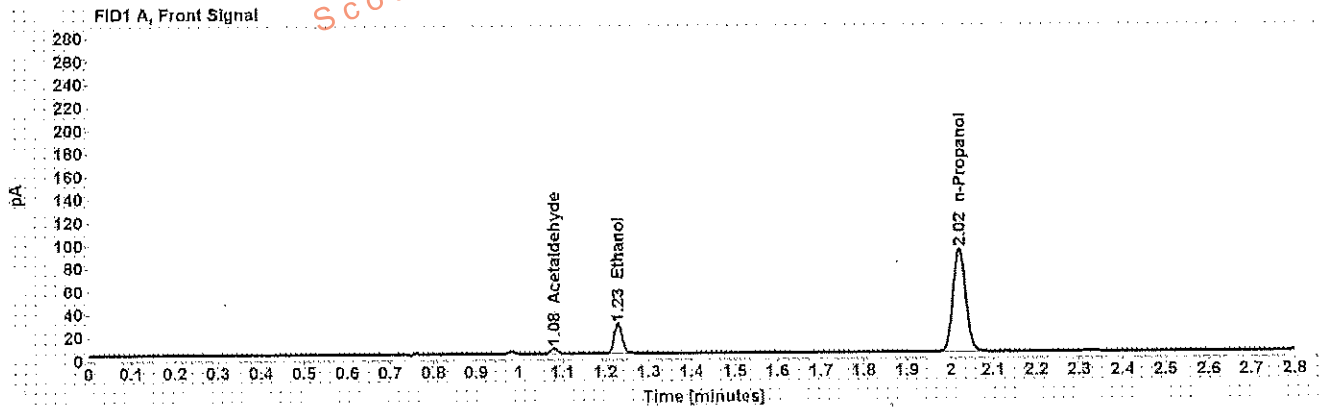


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.802
>Ethanol	0.0513	1.229	33.026
n-Propanol	-----	2.020	184.178

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.874
Ethanol	1.346	38.292
n-Propanol	2.376	206.918

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1176257
Injection date:	11/6/2017 1:49:34 PM	Vial:	23
Method:	ethanol quant.M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\6Nov17\23.D		

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED.  
Scottsdale City Prosecutor

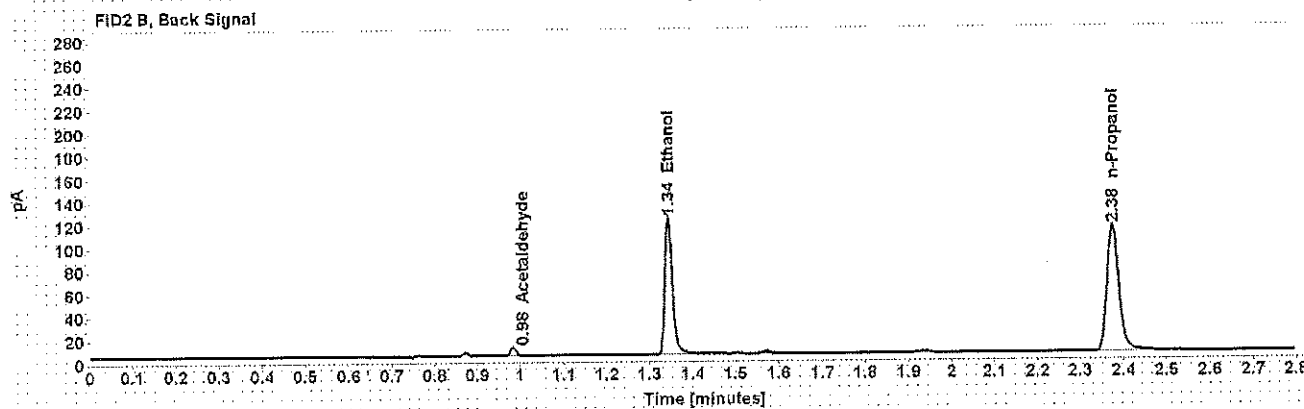
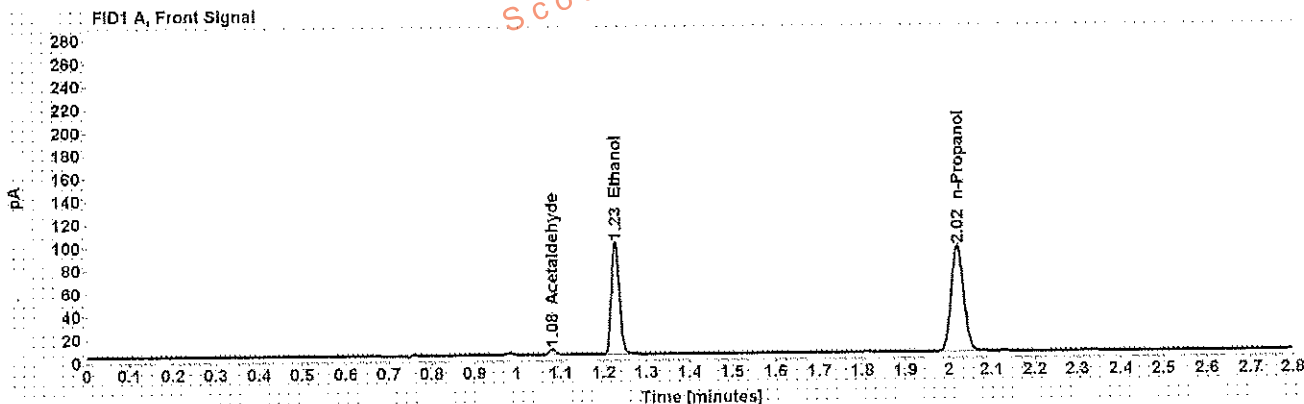


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.200
>Ethanol	0.1871	1.227	125.155
n-Propanol	-----	2.020	188.117

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.375
Ethanol	1.344	146.403
n-Propanol	2.375	213.218

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1176257
<b>Injection date:</b> 11/6/2017 1:53:34 PM	<b>Vial:</b> 24
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem3211\Data\6Nov17\24.D	

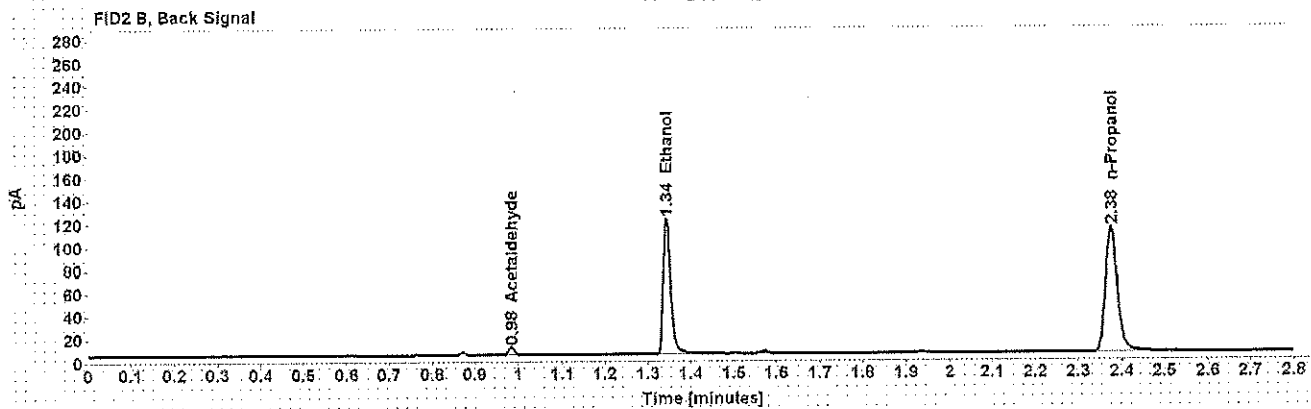
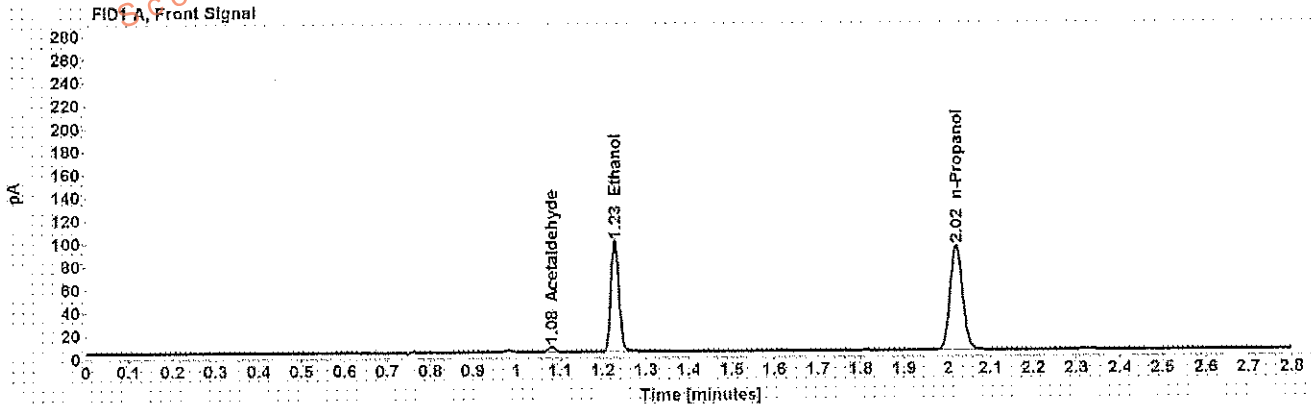


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.088
>Ethanol	0.1874	1.228	123.910
n-Propanol	-----	2.020	185.892

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.239
Ethanol	1.344	144.809
n-Propanol	2.376	210.523

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1174983
Injection date:	11/6/2017 1:57:49 PM	Vial:	25
Method:	ethanol quant.M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\6Nov17\25.D		

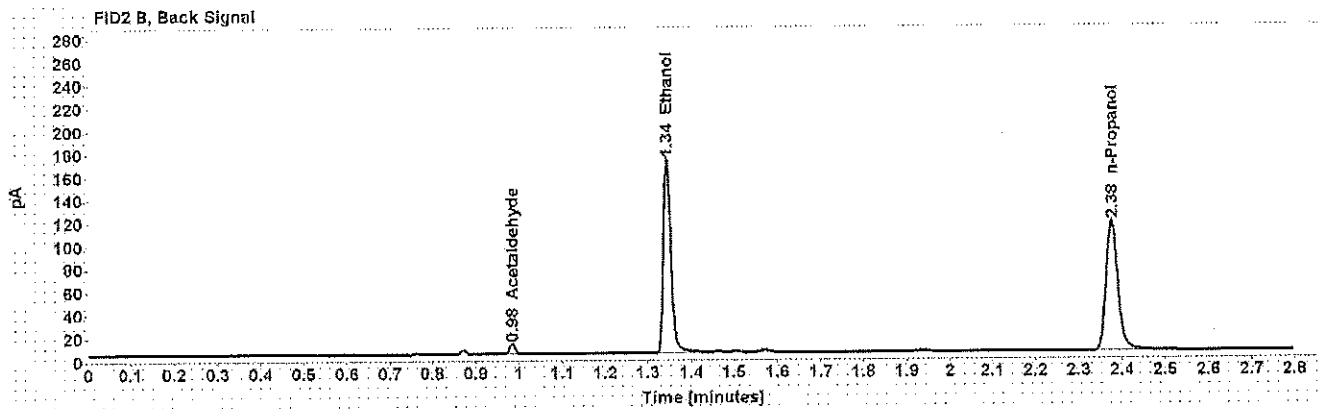
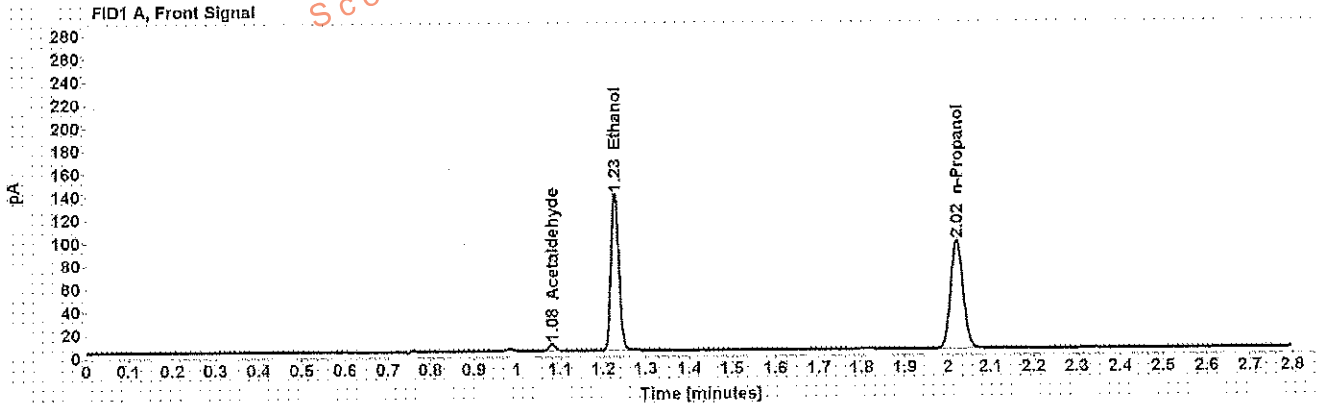


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	6.416
>Ethanol	0.2552	1.227	174.859
n-Propanol	-----	2.020	192.315

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	7.877
Ethanol	1.344	204.967
n-Propanol	2.376	218.564

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1174983
Injection date:	11/6/2017 2:01:48 PM	Vial:	26
Method:	ethanol quant.M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\6Nov17\26.D		

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED.  
Scottsdale City Prosecutor

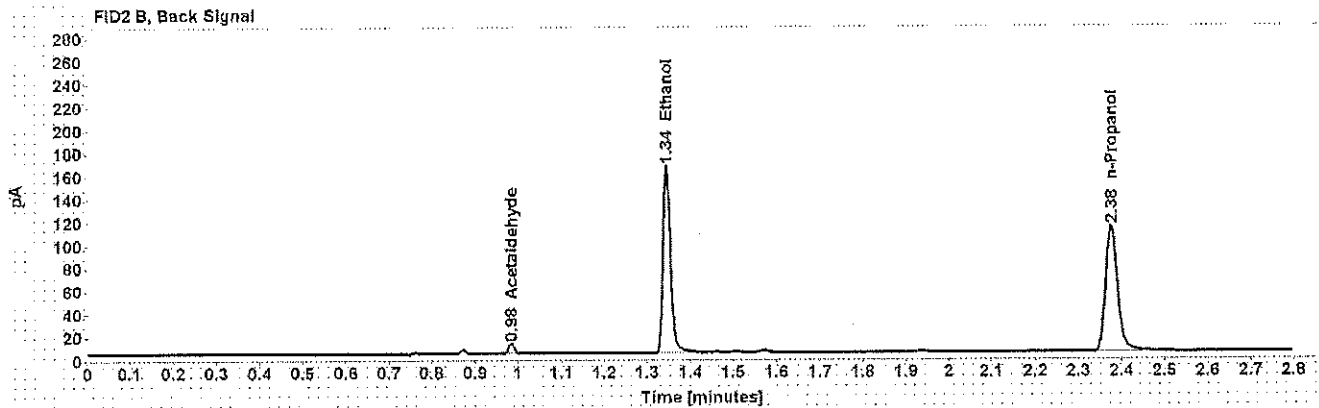
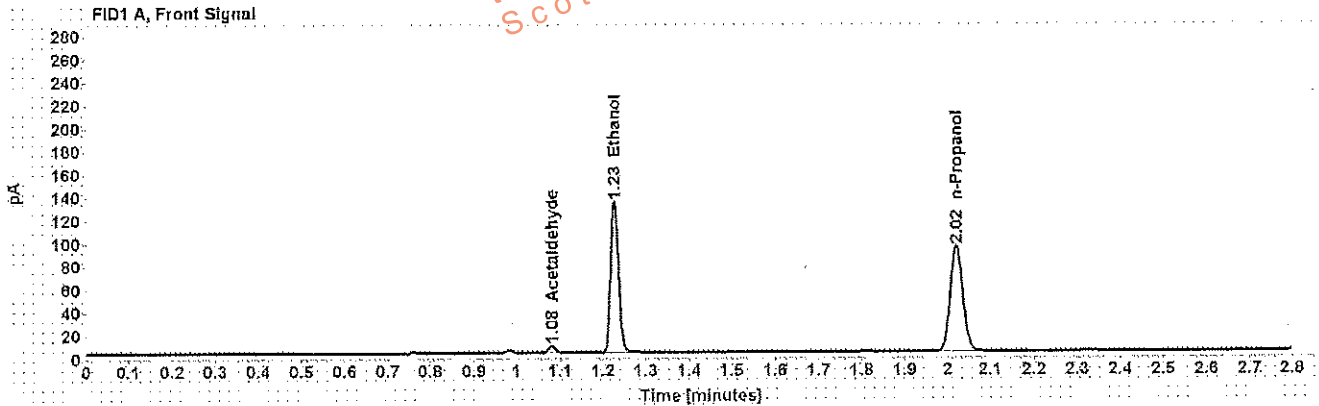


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	6.306
>Ethanol	0.2515	1.228	168.691
n-Propanol	-----	2.021	188.495

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	7.709
Ethanol	1.344	198.436
n-Propanol	2.376	212.382

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [redacted]	Item number: 1179343
Injection date: 11/6/2017 2:05:48 PM	Vial: 27
Method: ethanol quant.M	Sequence: 6Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Nov17\27.D	

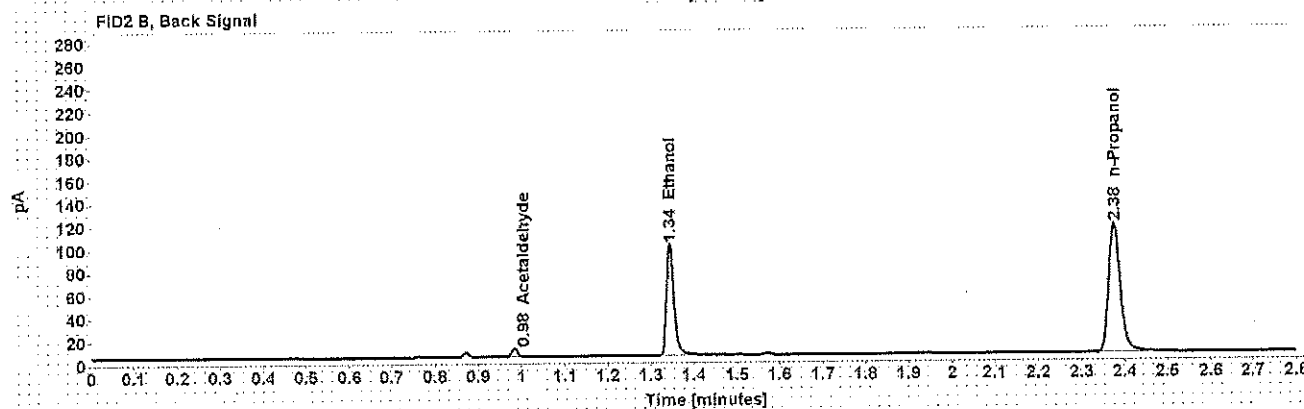
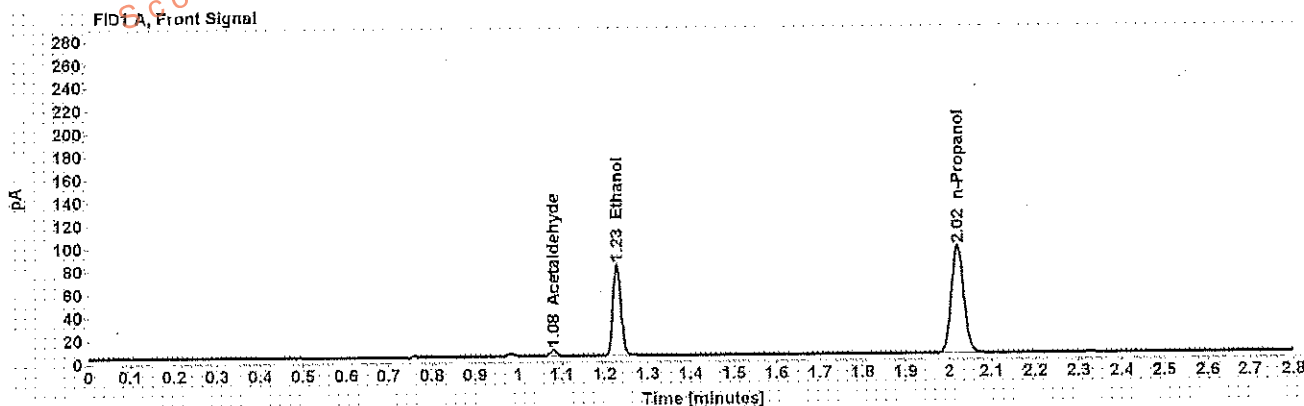


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.405
>Ethanol	0.1512	1.228	102.586
n-Propanol	-----	2.020	191.098

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.634
Ethanol	1.345	119.990
n-Propanol	2.376	216.726



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1179343
Injection date:	11/6/2017 2:09:48 PM	Vial:	28
Method:	ethanol quant.M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\1Data\6Nov17\28.D		

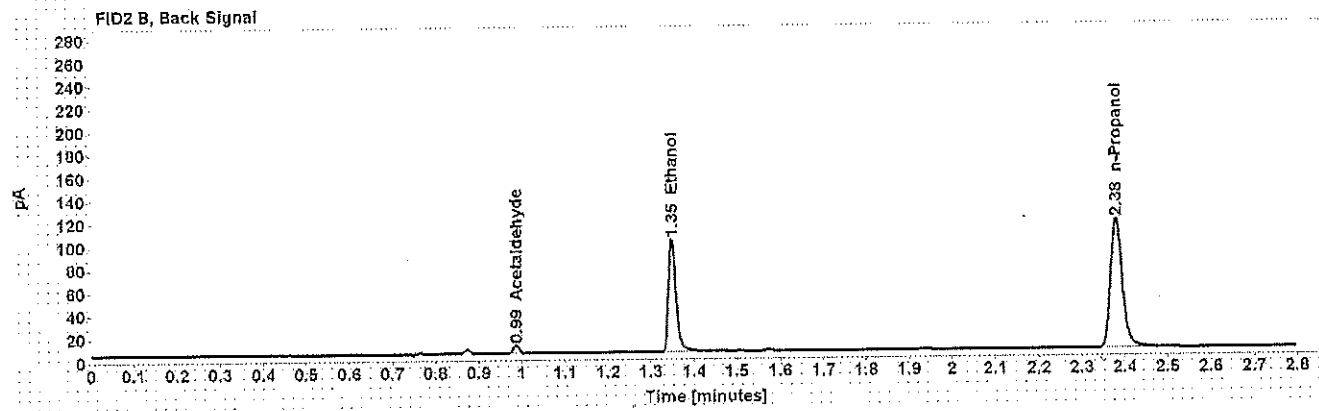
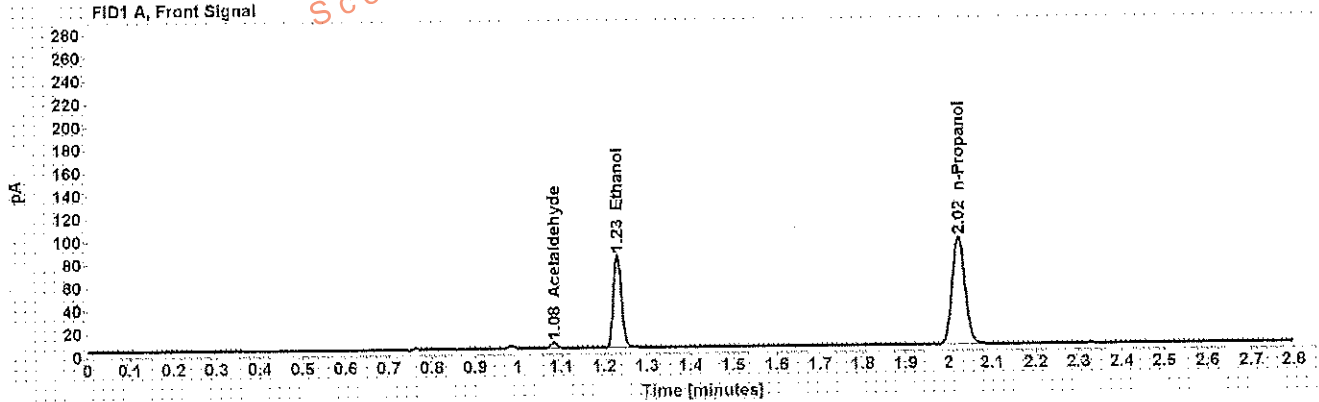


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.294
>Ethanol	0.1536	1.231	104.498
n-Propanol	-----	2.023	191.583

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	6.426
Ethanol	1.349	122.091
n-Propanol	2.380	217.208

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1165517
Injection date:	11/6/2017 2:13:48 PM	Vial:	29
Method:	ethanol quant.M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\6Nov17\29.D		

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

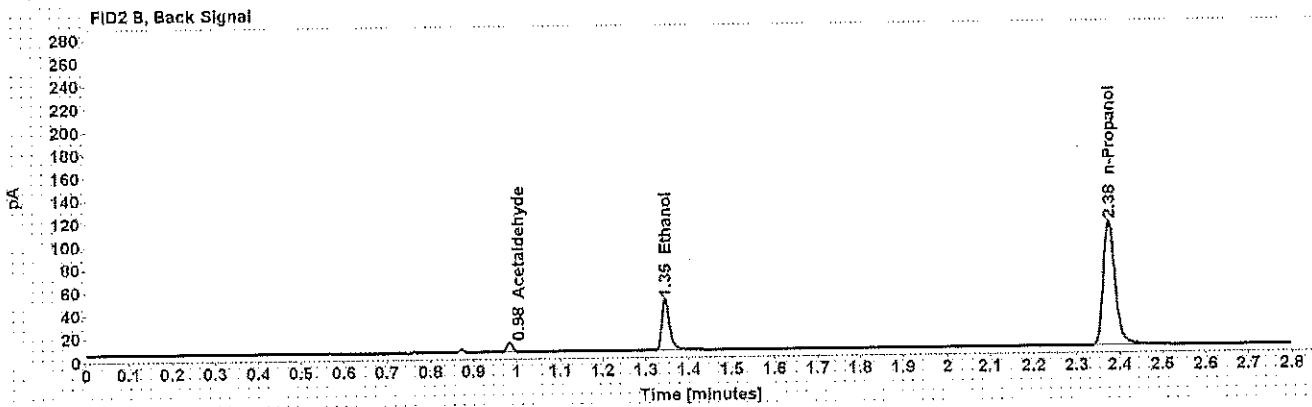
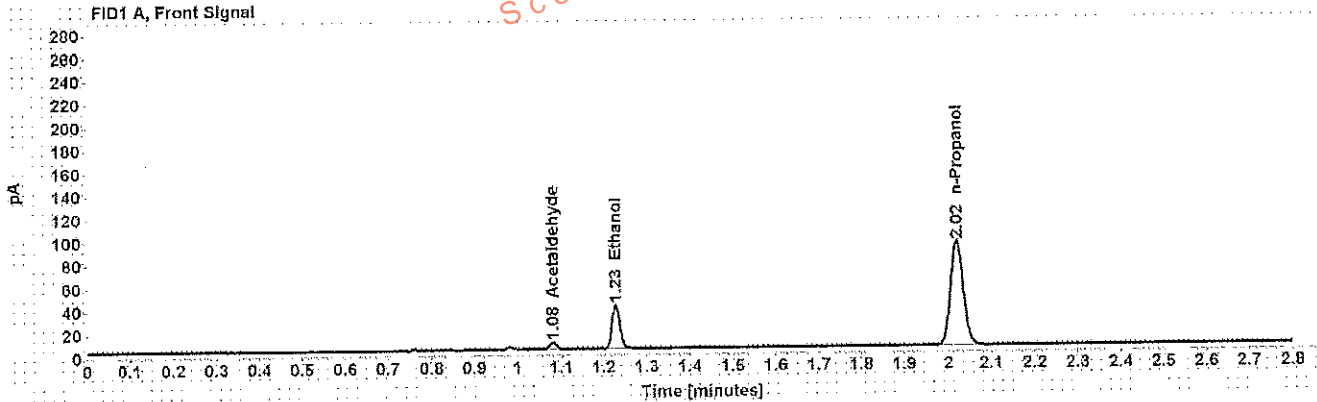


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	6.159
>Ethanol	0.0744	1.228	48.656
n-Propanol	-----	2.020	185.663

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	7.543
Ethanol	1.345	55.009
n-Propanol	2.376	209.340

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1165517
<b>Injection date:</b> 11/6/2017 2:17:48 PM	<b>Vial:</b> 30
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem3211\Data\6Nov17\30.D	

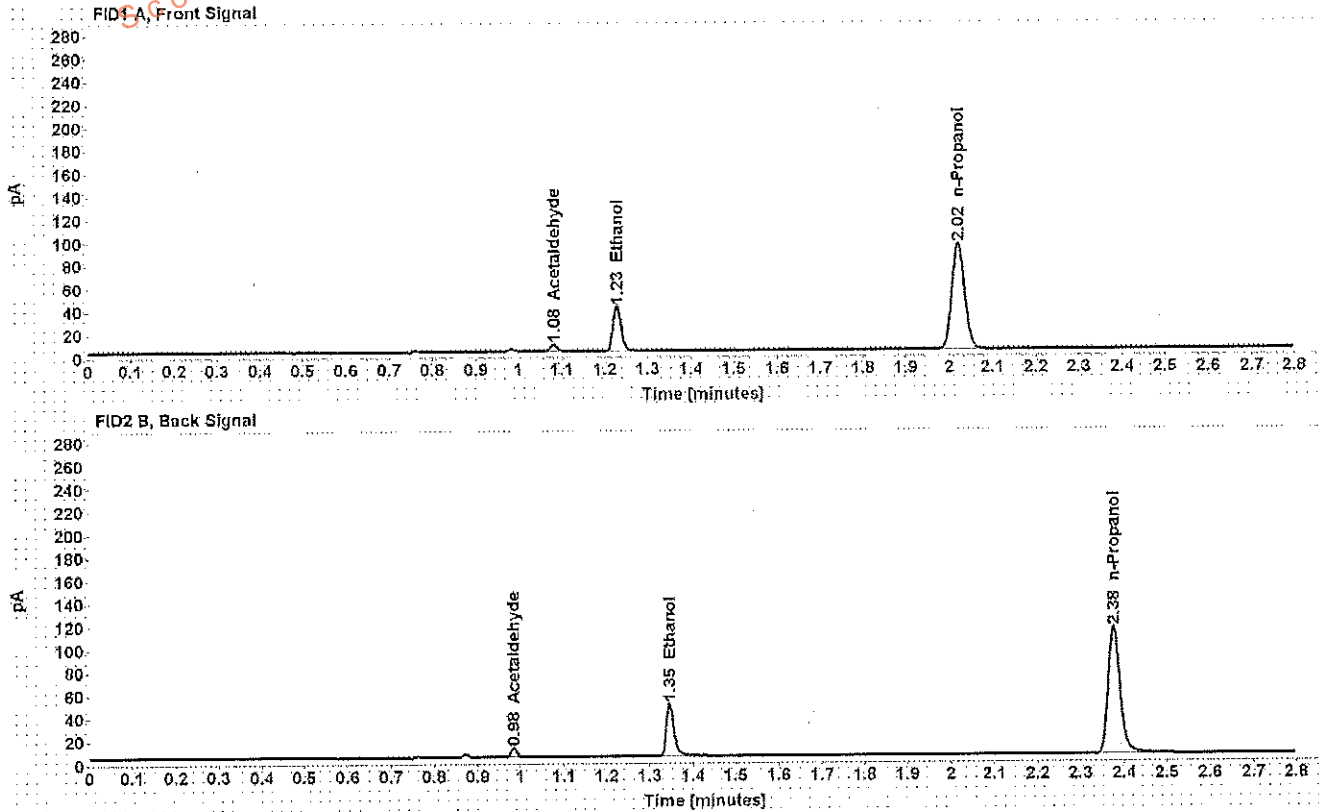


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	6.144
>Ethanol	0.0749	1.229	49.878
n-Propanol	-----	2.021	189.063

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	7.491
Ethanol	1.346	56.327
n-Propanol	2.376	213.120

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1158448
Injection date:	11/6/2017 2:26:03 PM	Vial:	32
Method:	ethanol quant.M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Nov17\32.D		

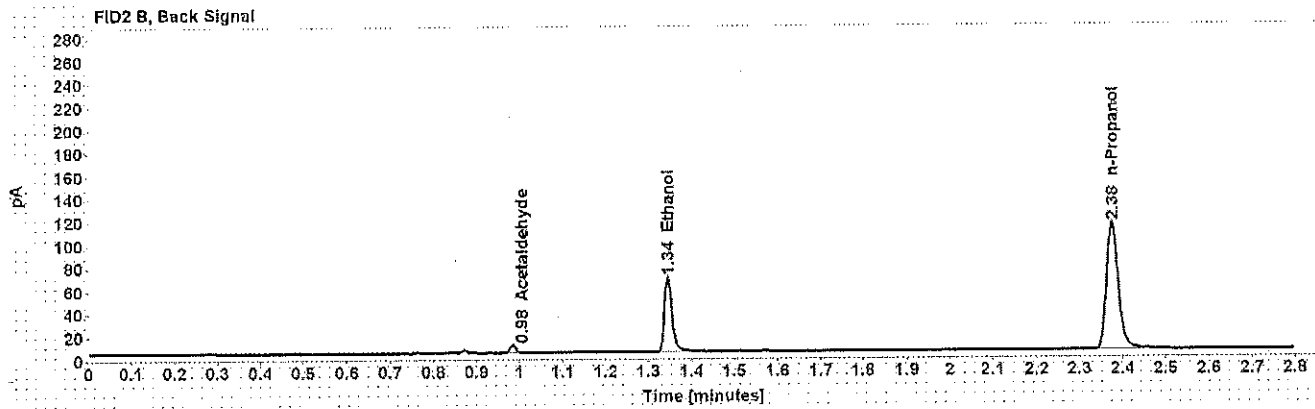
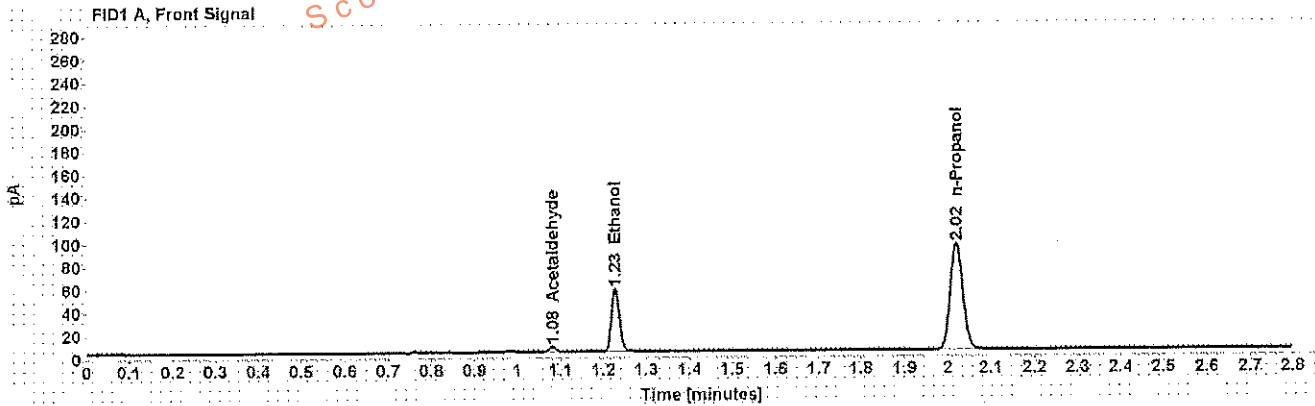


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.919
>Ethanol	0.1045	1.228	70.016
n-Propanol	-----	2.020	189.413

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.001
Ethanol	1.345	79.939
n-Propanol	2.376	213.916

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1158448
Injection date:	11/6/2017 2:30:03 PM	Vial:	33
Method:	ethanol quant.M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Nov17\33.D		

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

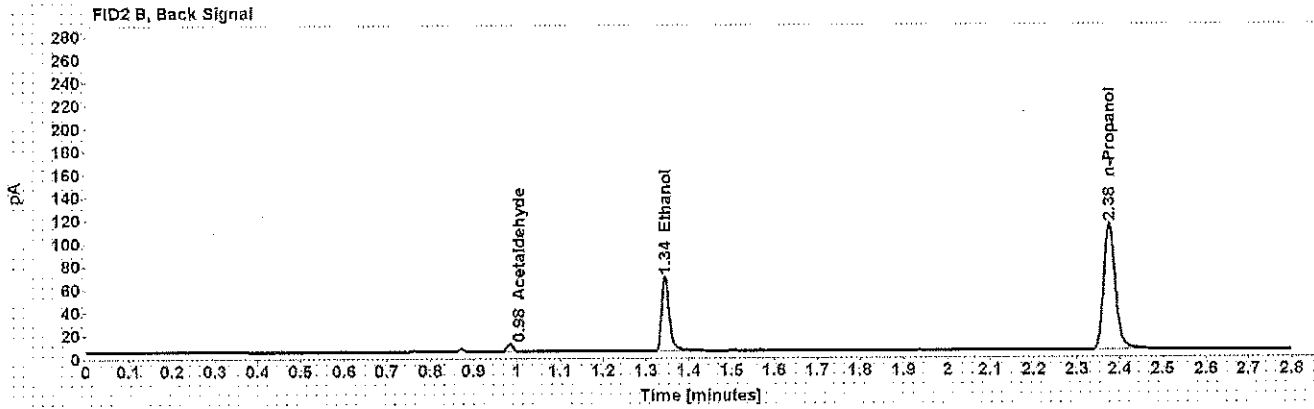
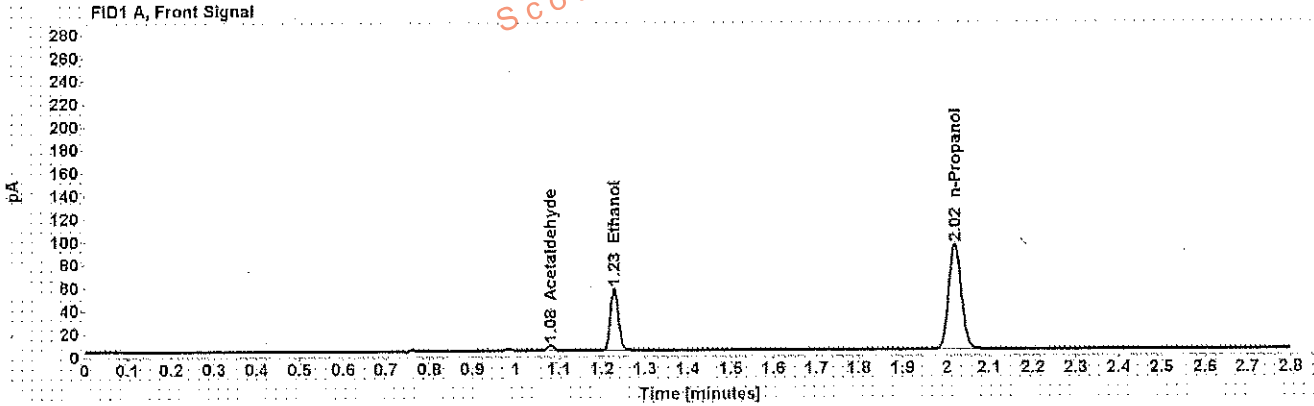


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.014
>Ethanol	0.1051	1.228	69.782
n-Propanol	-----	2.020	187.725

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.127
Ethanol	1.345	79.904
n-Propanol	2.375	212.832

Case: [REDACTED] User: wadrian 11/7/2017

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1166071
Injection date:	11/6/2017 2:34:03 PM	Vial:	34
Method:	ethanol quant.M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11Data\6Nov17\34.D		

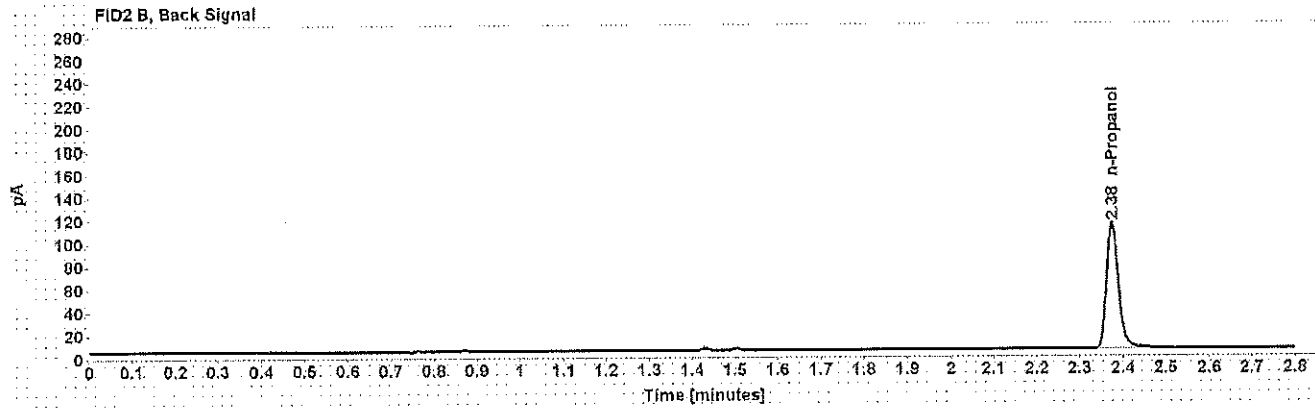
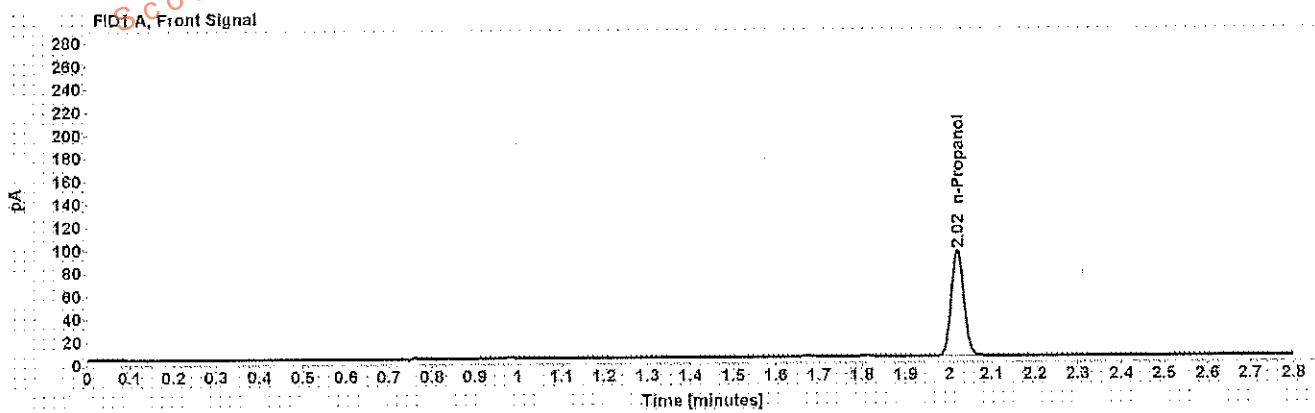


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.020	188.327

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

Compound	Time (min)	Peak Area
n-Propanol	2.375	213.085

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1166071
<b>Injection date:</b> 11/6/2017 2:38:03 PM	<b>Vial:</b> 35
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023.CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\6Nov17\35.D	

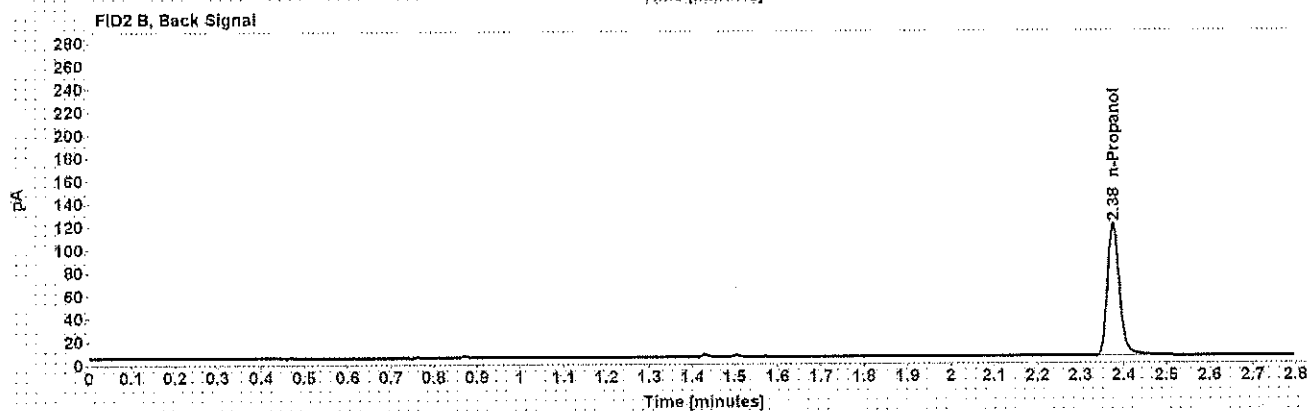
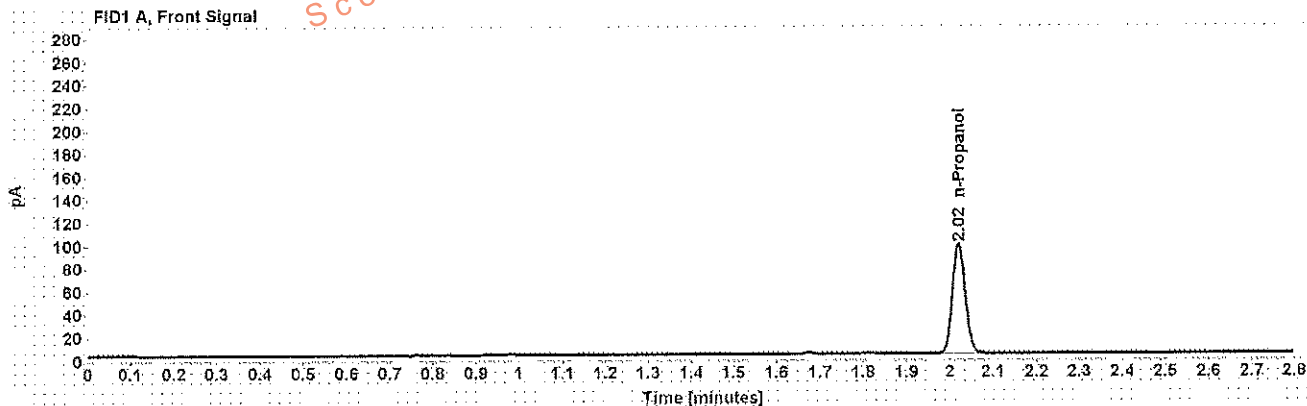


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.020	195.670

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

Compound	Time (min)	Peak Area
n-Propanol	2.376	221.504

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1177291
Injection date: 11/6/2017 2:42:04 PM	Vial: 36
Method: ethanol quant.M	Sequence: 6Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov17\136.D	

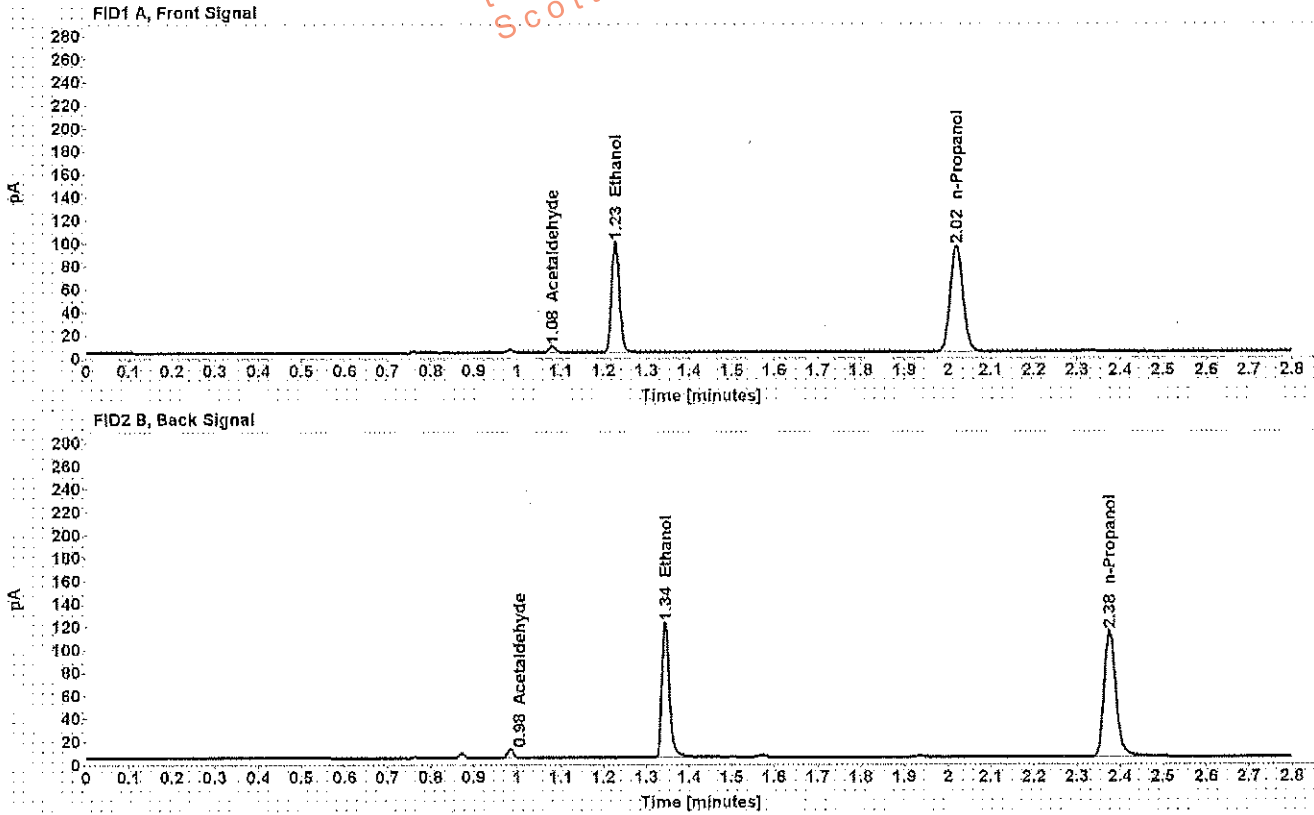


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.803
>Ethanol	0.1848	1.227	123.713
n-Propanol	-----	2.020	188.255

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	7.104
Ethanol	1.344	145.229
n-Propanol	2.375	214.054



## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1177291
<b>Injection date:</b> 11/6/2017 2:46:19 PM	<b>Vial:</b> 37
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\11Data\6Nov17\37.D	

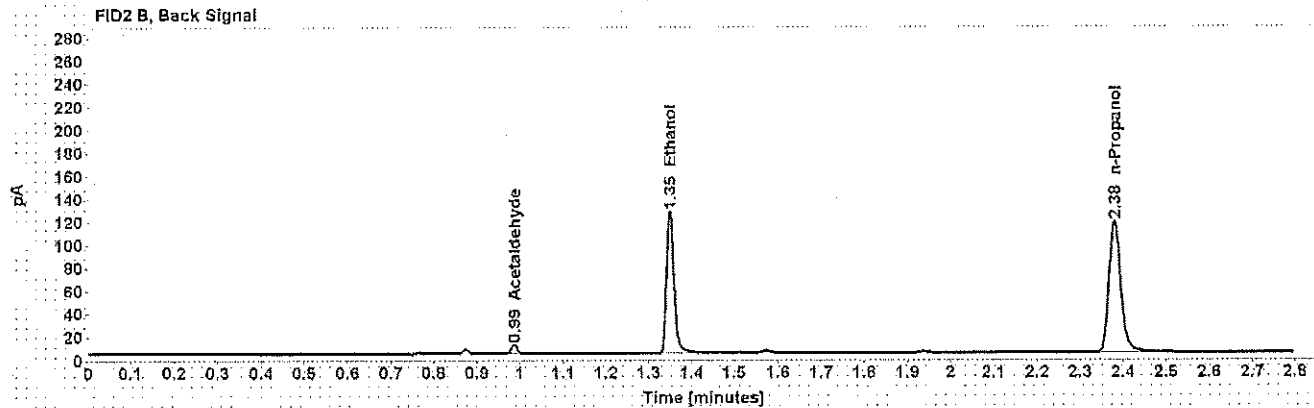
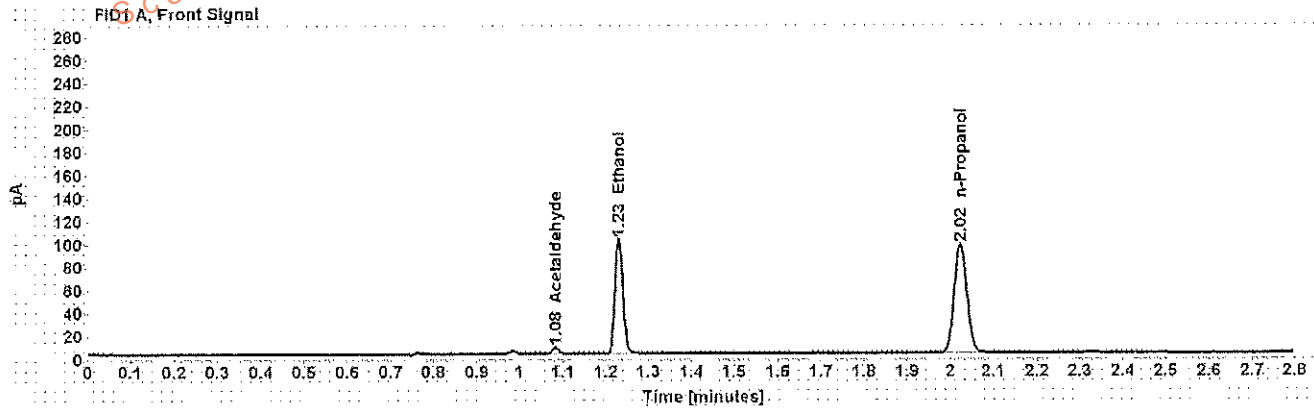


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.821
>Ethanol	0.1887	1.231	130.161
n-Propanol	-----	2.023	193.927

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	7.160
Ethanol	1.349	152.645
n-Propanol	2.380	221.343

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1176728
<b>Injection date:</b> 11/6/2017 2:50:19 PM	<b>Vial:</b> 38
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\6Nov17\38.D	

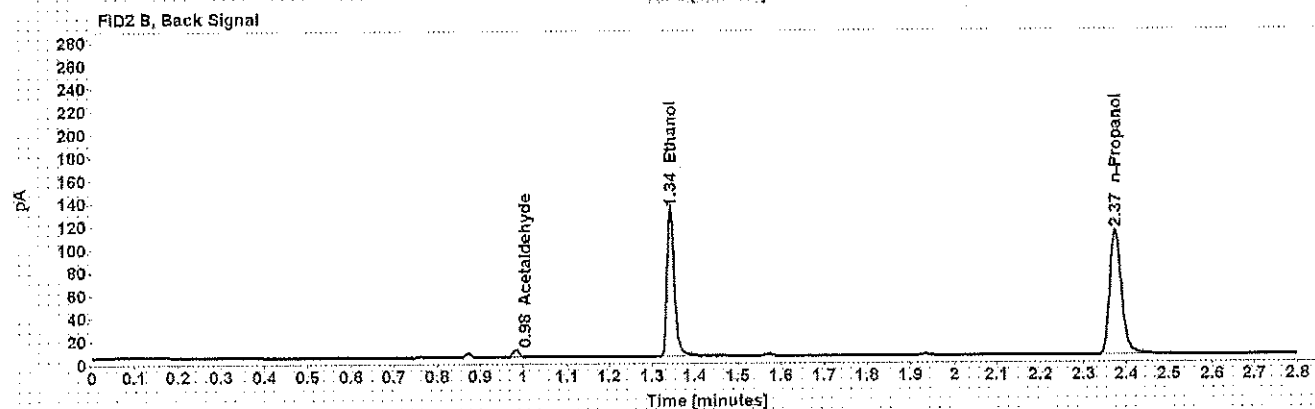
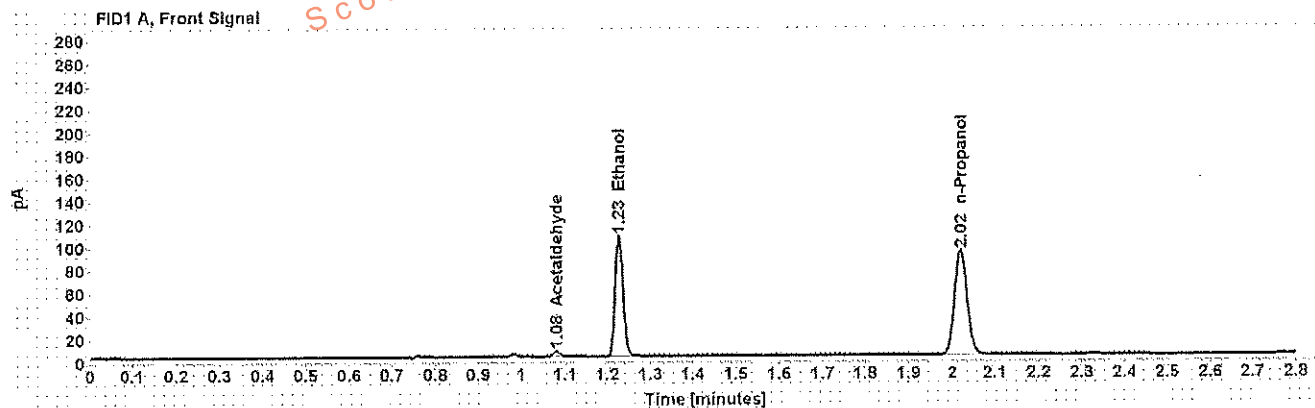


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.898
>Ethanol	0.2036	1.227	134.867
n-Propanol	-----	2.020	186.162

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.002
Ethanol	1.343	158.088
n-Propanol	2.375	210.836

Case: [REDACTED] User: wadrian 11/7/2017

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1176728
Injection date: 11/6/2017 2:54:18 PM	Vial: 39
Method: ethanol quant.M	Sequence: 6Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov17\139.D	

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

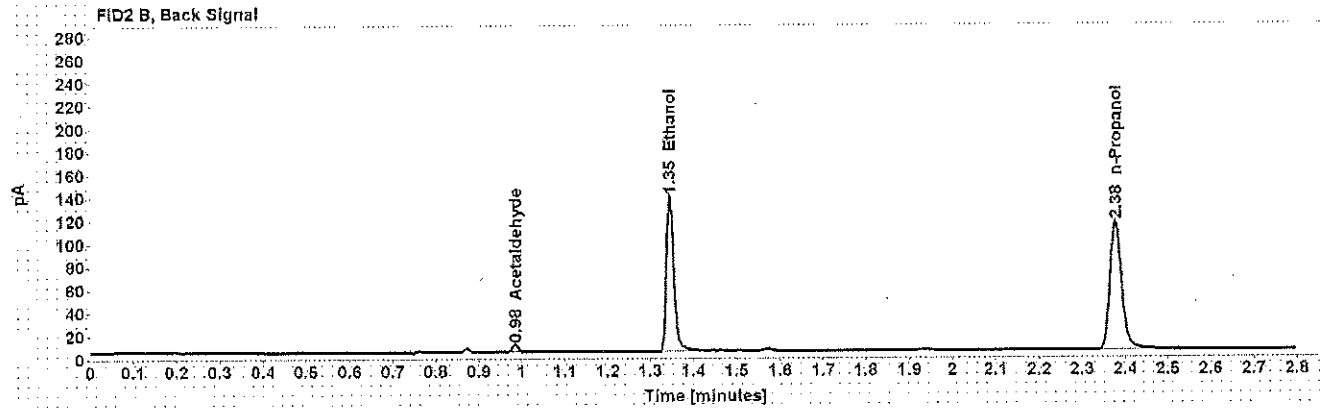
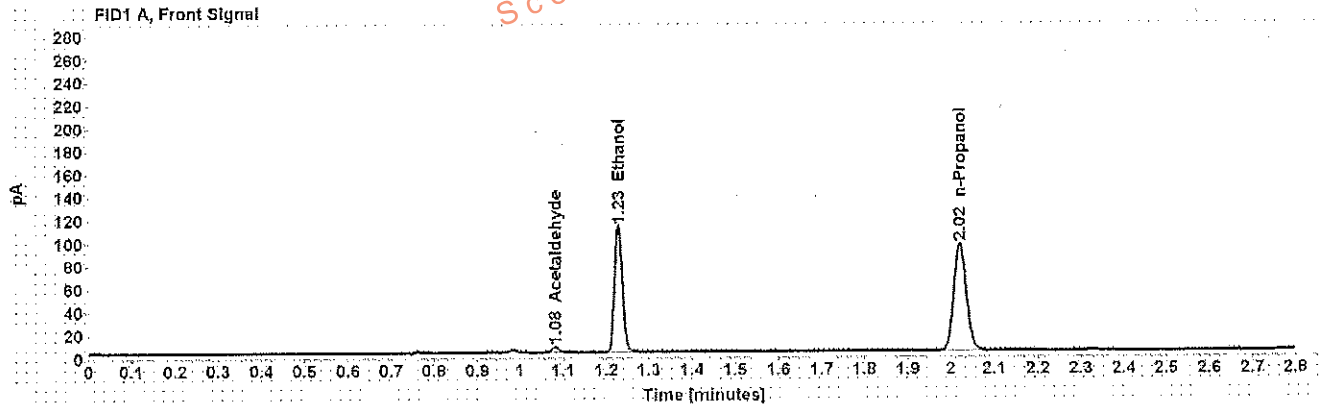


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.799
>Ethanol	0.2091	1.229	141.197
n-Propanol	-----	2.021	189.705

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	5.857
Ethanol	1.346	165.900
n-Propanol	2.377	216.523

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1176357
<b>Injection date:</b> 11/6/2017 2:58:18 PM	<b>Vial:</b> 40
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\11\Data\6Nov17\40.D	

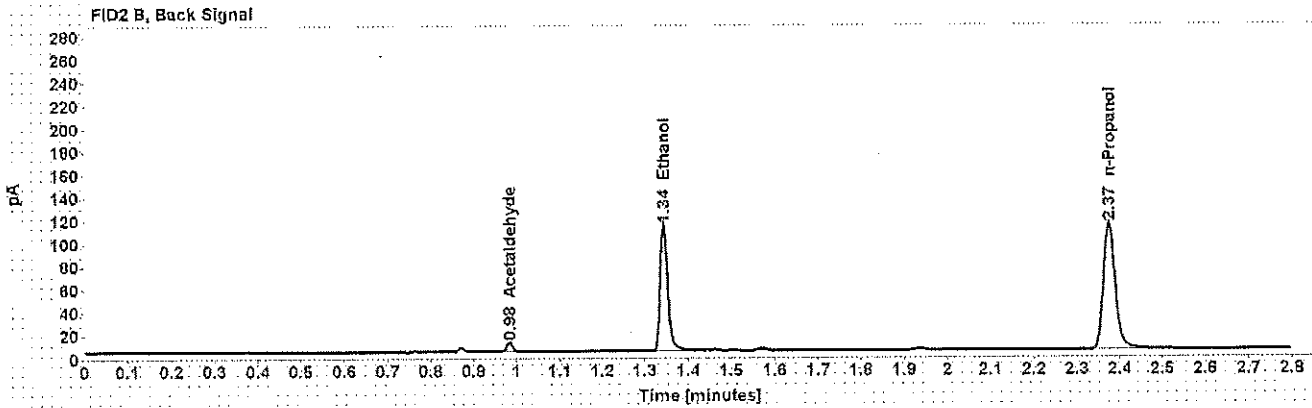
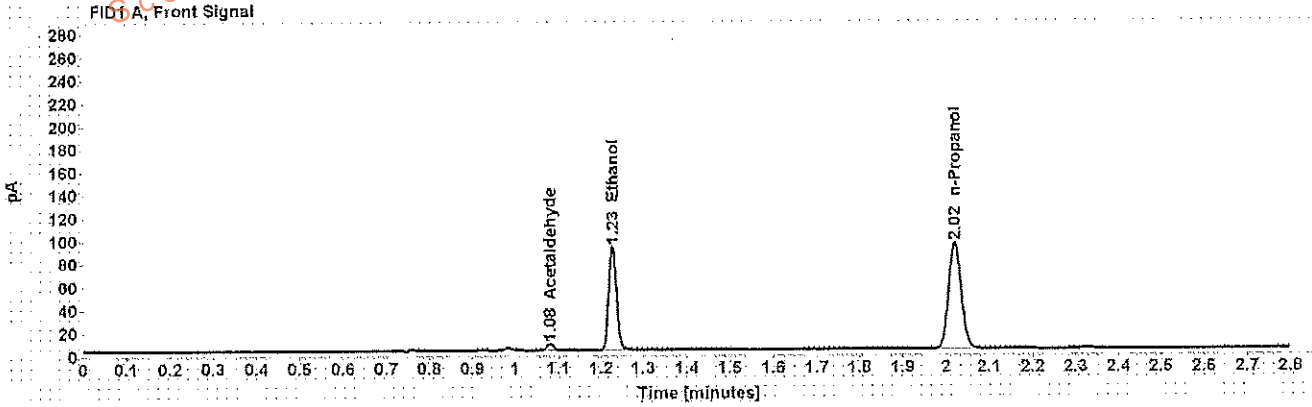


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.894
>Ethanol	0.1718	1.227	115.395
n-Propanol	-----	2.020	188.973

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	7.232
Ethanol	1.343	135.451
n-Propanol	2.375	213.979

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1176357
Injection date:	11/6/2017 3:02:18 PM	Vial:	41
Method:	ethanol quant.M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Nov17\41.D		

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED.  
 Scottsdale City Prosecutor's Office

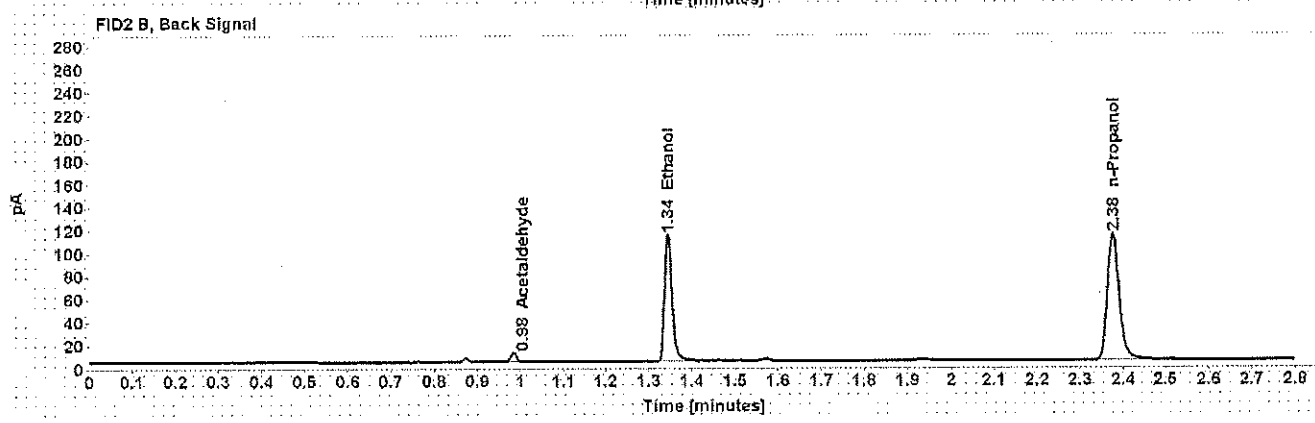
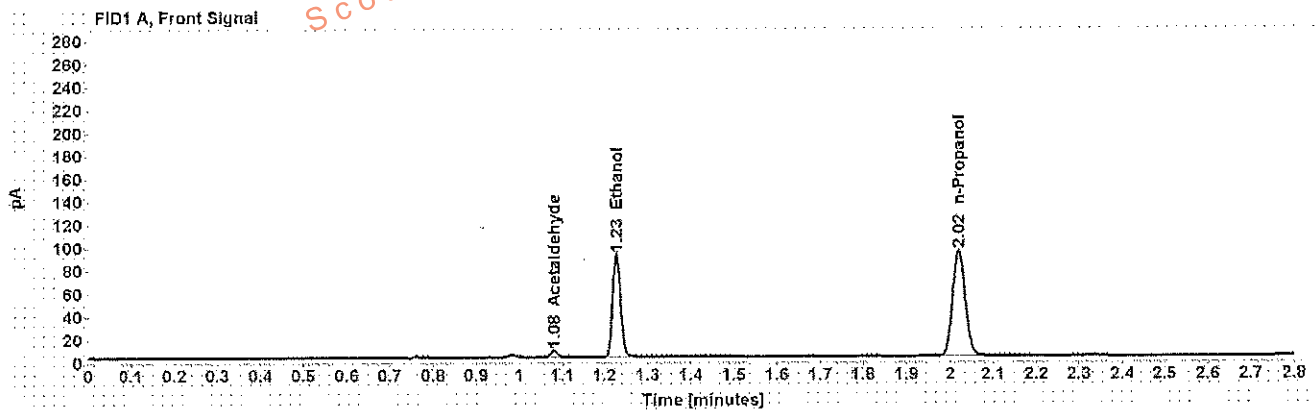


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.809
>Ethanol	0.1723	1.228	115.315
n-Propanol	-----	2.021	188.280

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	7.162
Ethanol	1.345	135.349
n-Propanol	2.376	212.769

## Scottsdale Police Department Crime Lab Volatiles Analysis

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED.  
Scottsdale City Prosecutor

Sample:	[REDACTED]	Item number:	1177247
Injection date:	11/6/2017 3:10:33 PM	Vial:	43
Method:	ethanol quant.M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Nov17\43.D		

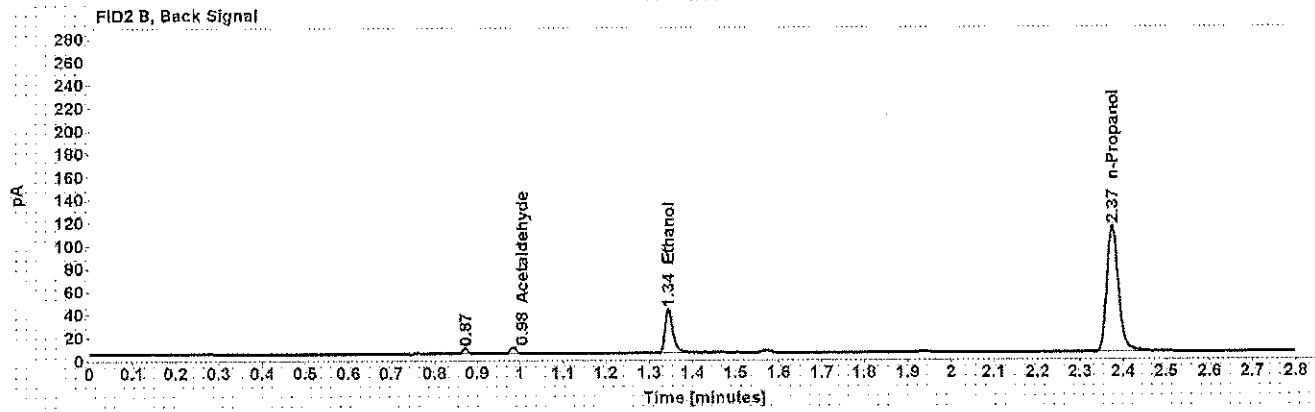
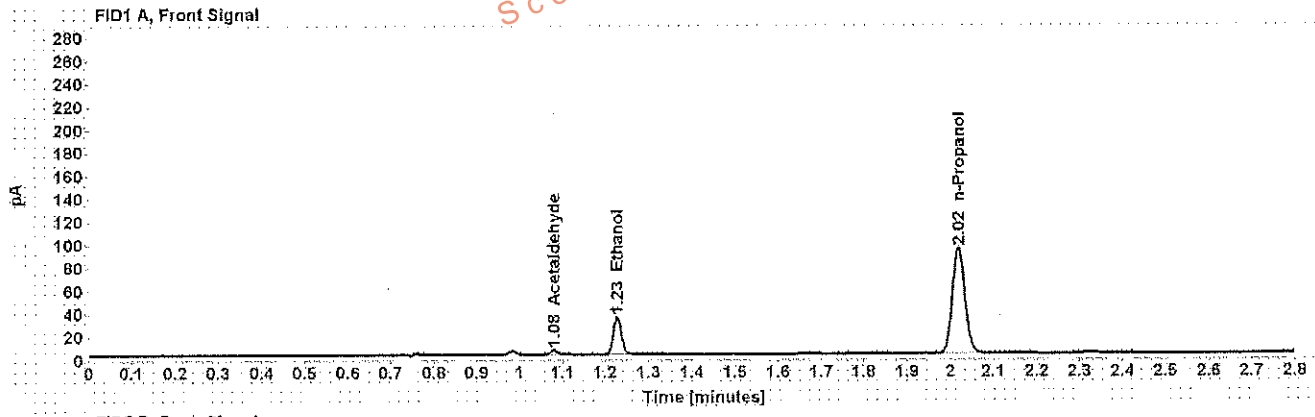


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.072
>Ethanol	0.0635	1.228	42.014
n-Propanol	-----	2.020	188.404

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.056
Ethanol	1.345	49.317
n-Propanol	2.375	213.439

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1177247
Injection date: 11/6/2017 3:14:33 PM	Vial: 44
Method: ethanol quant.M	Sequence: 6Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Nov17\44.D	

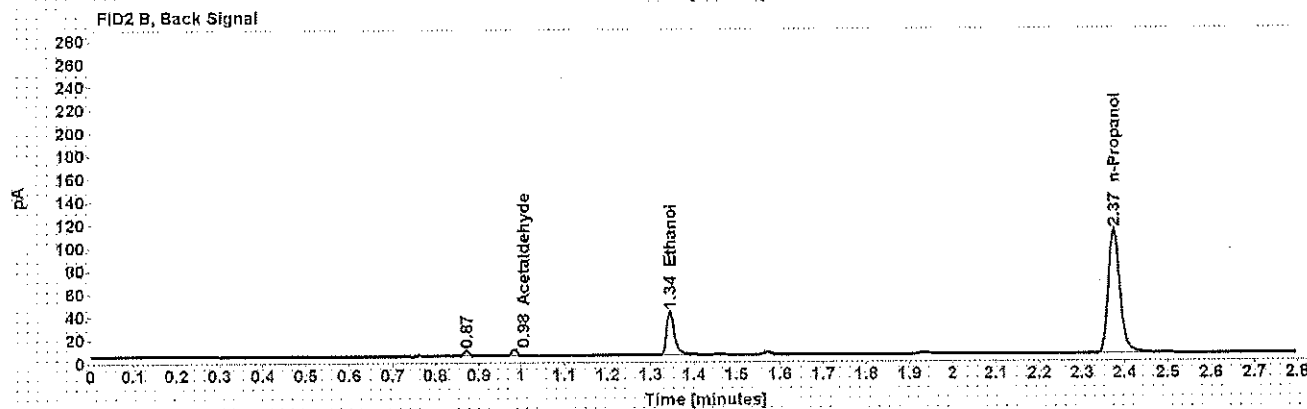
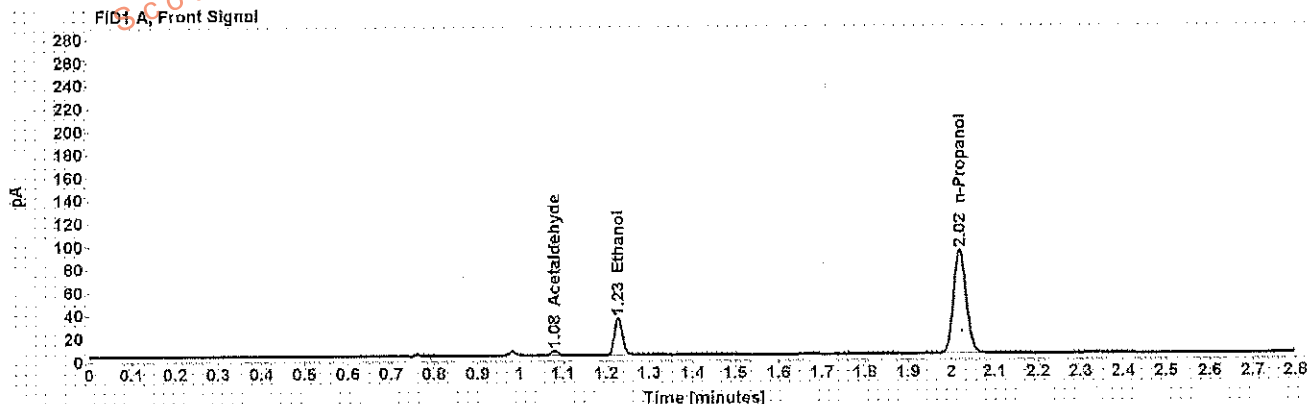


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.091
>Ethanol	0.0839	1.228	41.442
n-Propanol	-----	2.020	184.764

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.058
Ethanol	1.345	47.501
n-Propanol	2.375	209.114

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1176726
<b>Injection date:</b> 11/6/2017 3:18:34 PM	<b>Vial:</b> 45
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023.CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem3211\Data\6Nov17\45.D	

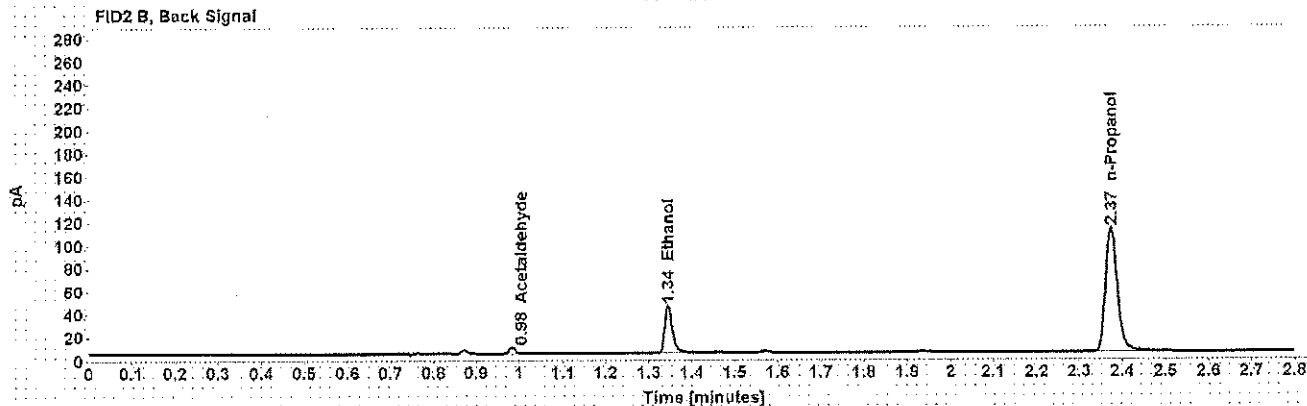
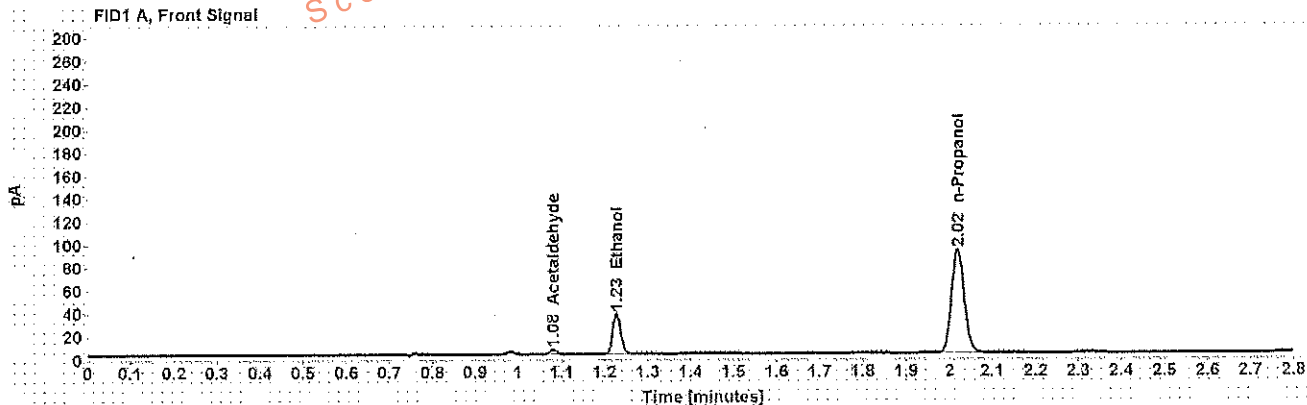


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.189
>Ethanol	0.0693	1.228	45.093
n-Propanol	-----	2.020	185.145

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.180
Ethanol	1.344	51.672
n-Propanol	2.375	209.821



## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1176726
<b>Injection date:</b> 11/6/2017 3:22:34 PM	<b>Vial:</b> 46
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\6Nov17\46.D	

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED.  
Scottsdale City Prosecutor

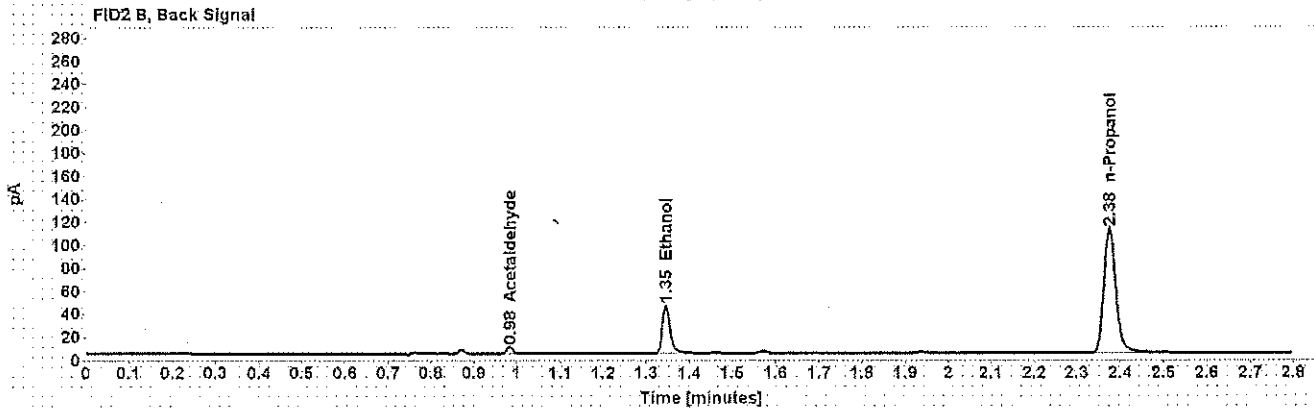
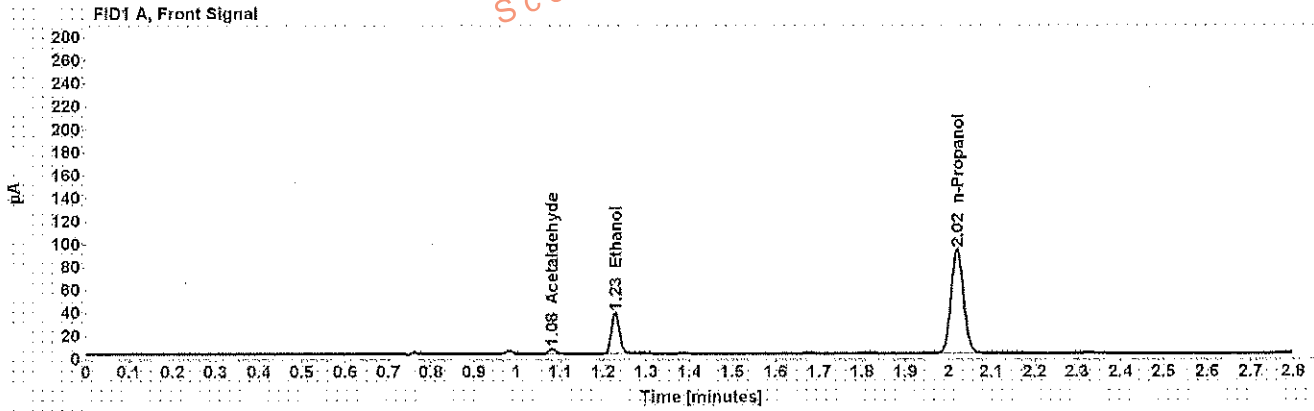


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.288
>Ethanol	0.0702	1.228	45.497
n-Propanol	-----	2.020	184.386

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.281
Ethanol	1.345	51.890
n-Propanol	2.375	210.162

Case: [REDACTED] User: wadrian 11/7/2017

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1170716  
Injection date: 11/6/2017 3:26:33 PM Vial: 47  
Method: ethanol:quant.M Sequence: 6Nov17  
Instrument: US14173023 CN14160045 Analyst: Adrian  
Data file: C:\Chem3211\Data\6Nov17\47.D

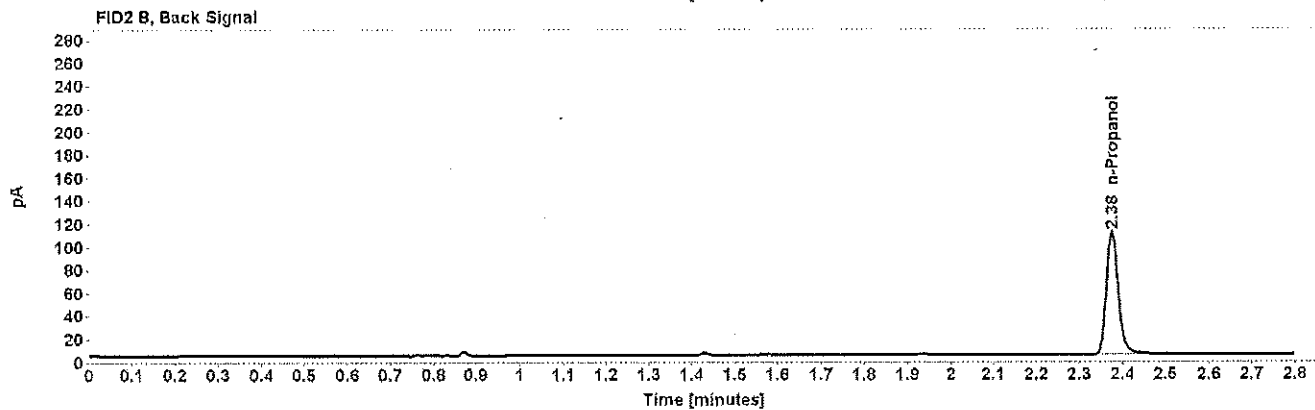
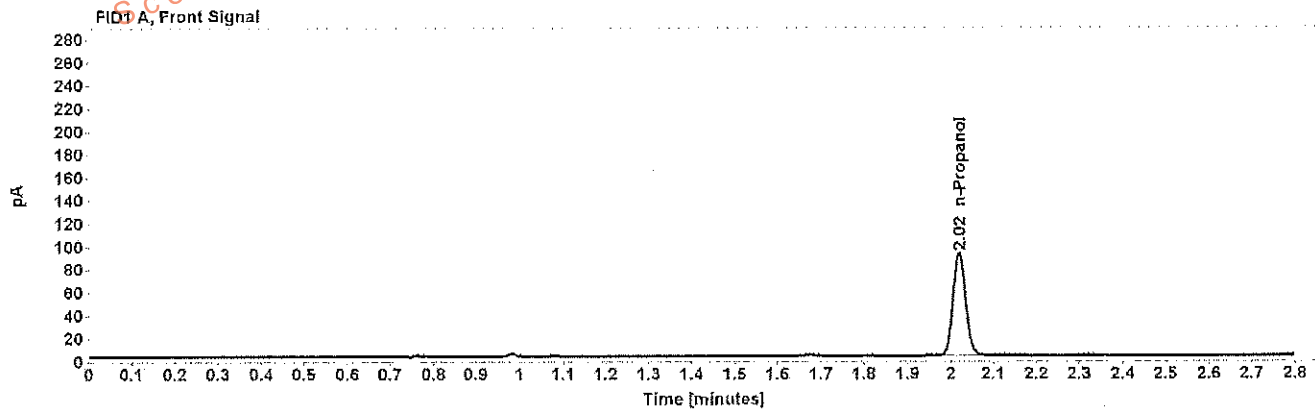


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.020	182.835

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

Compound	Time (min)	Peak Area
n-Propanol	2.375	207.626

## Scottsdale Police Department Crime Lab Volatiles Analysis

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor's Office

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1170716
<b>Injection date:</b> 11/6/2017 3:30:34 PM	<b>Vial:</b> 48
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023.CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\11\Data\6Nov17\48.D	

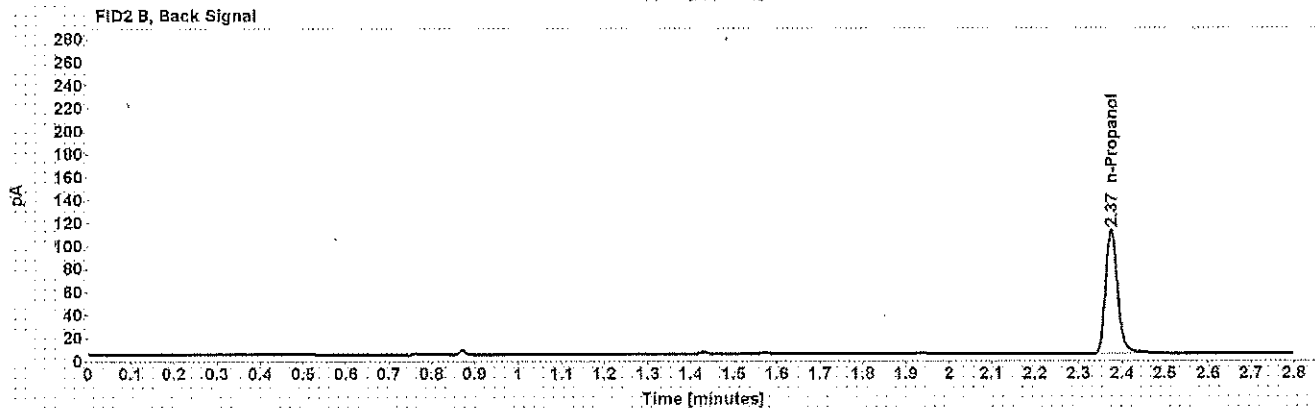
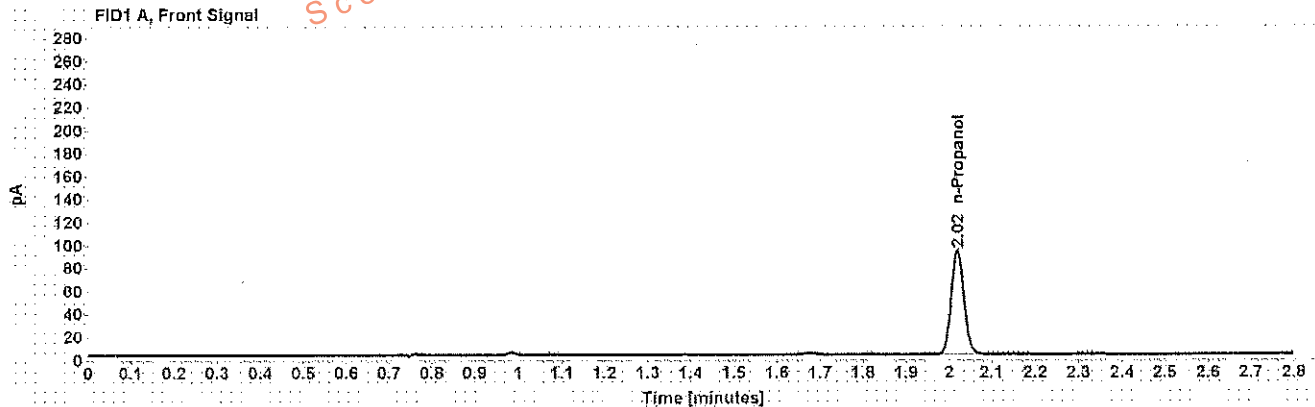


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.020	184.664

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

Compound	Time (min)	Peak Area
n-Propanol	2.375	210.182

## Scottsdale Police Department Crime Lab Volatiles Analysis

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED.  
Scottsdale City Prosecutor

Sample:	[REDACTED]	Item number:	1171735
Injection date:	11/6/2017 3:34:49 PM	Vial:	49
Method:	ethanol quant.M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Nov17\49.D		

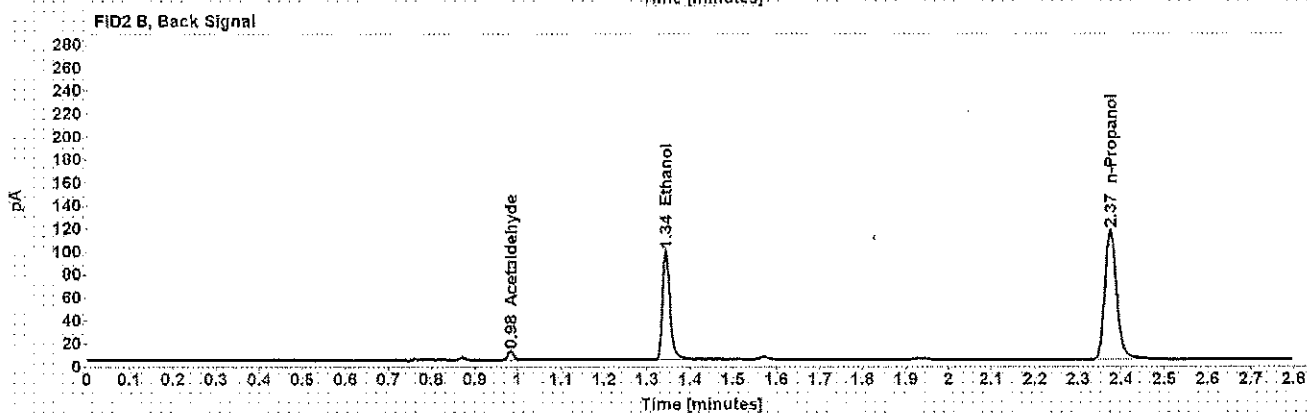
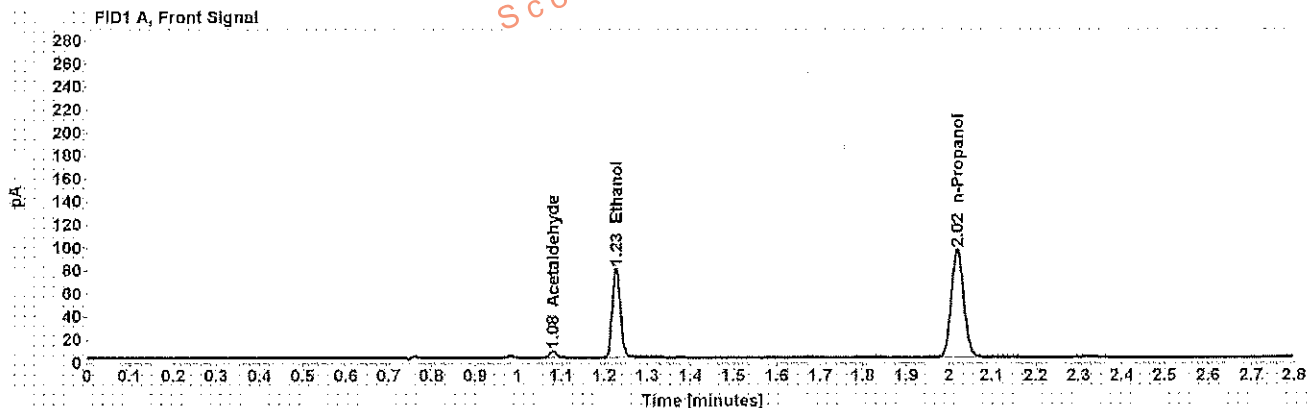


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.080	5.987
>Ethanol	0.1474	1.227	100.049
n-Propanol	-----	2.020	191.193

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	7.335
Ethanol	1.343	117.322
n-Propanol	2.375	218.966

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1171735
<b>Injection date:</b> 11/6/2017 3:38:49 PM	<b>Vial:</b> 50
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 6Nov17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem3211\Data\6Nov17\50.D	

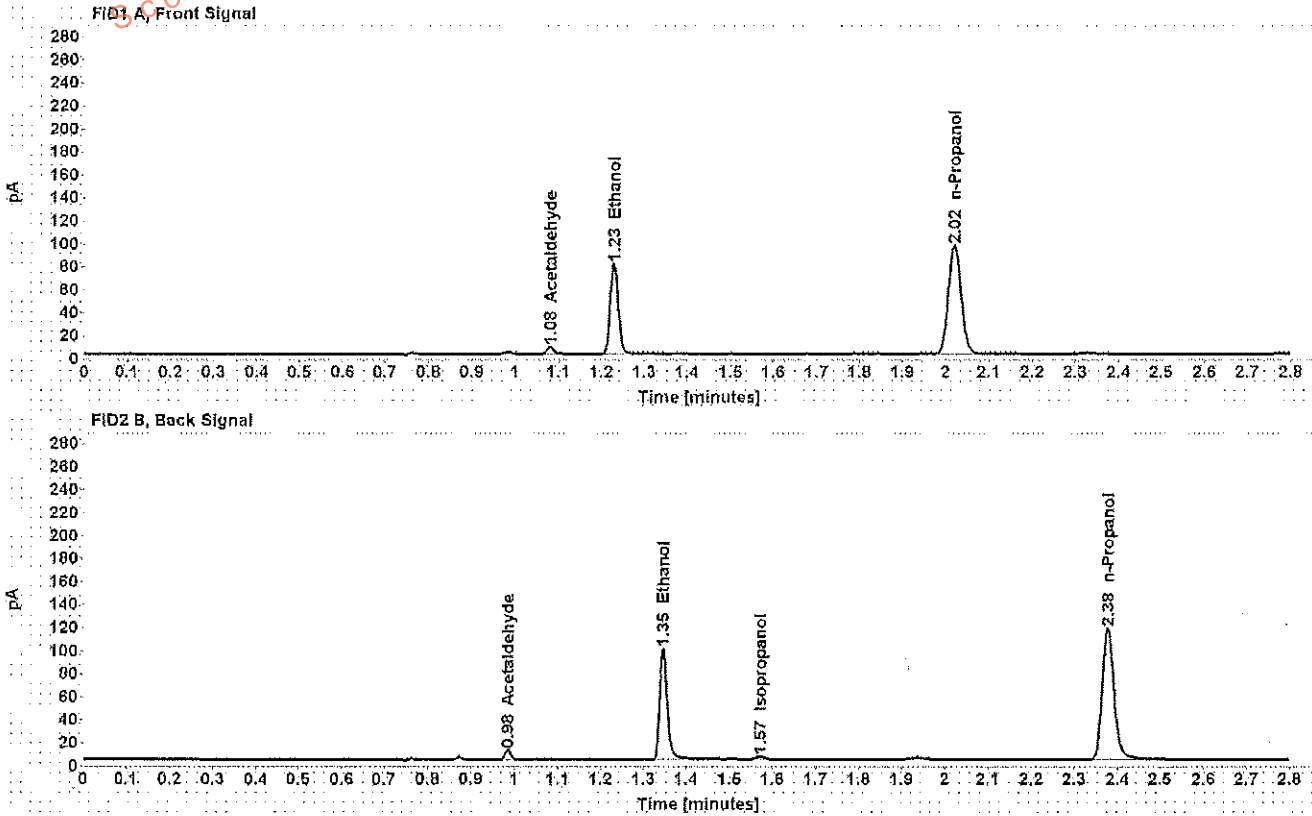


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	6.094
>Ethanol	0.1482	1.229	101.978
n-Propanol	-----	2.021	193.758

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	7.417
Ethanol	1.346	119.812
Isopropanol	1.572	3.767
n-Propanol	2.377	220.192

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	317-01A
Injection date:	11/6/2017 3:42:49 PM	Vial:	51
Method:	ethanol quant.M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\6Nov17\51.D		

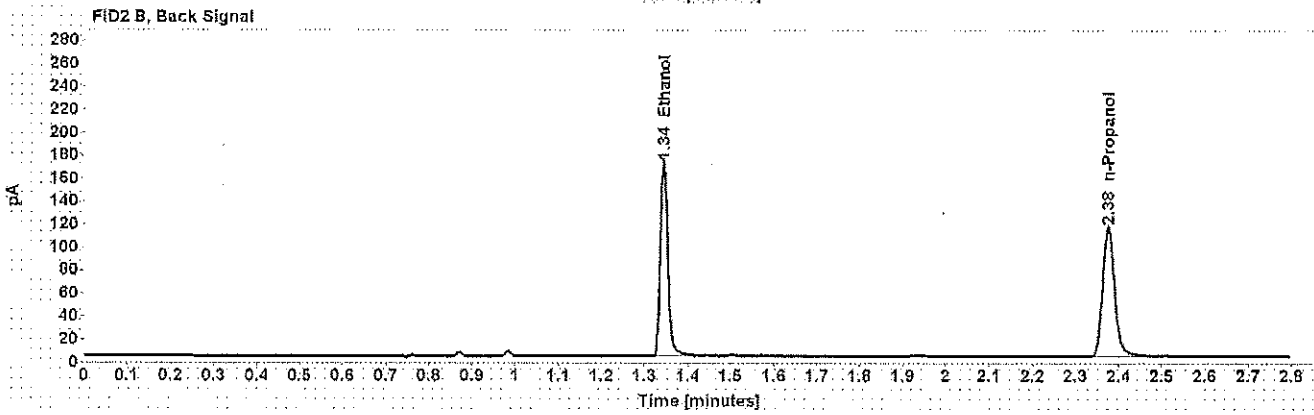
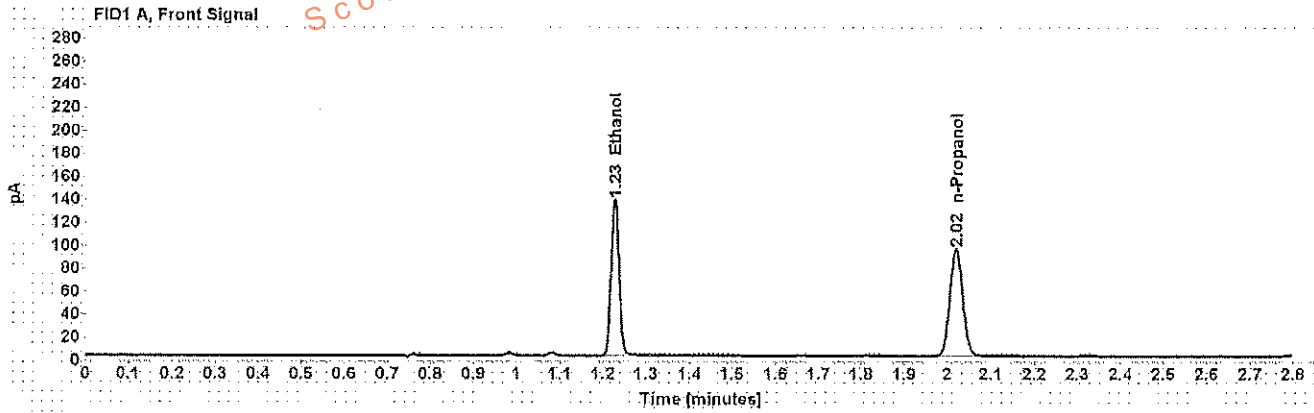


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2570	1.227	174.989
n-Propanol	-----	2.020	191.126

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

Compound	Time (min)	Peak Area
Ethanol	1.344	203.919
n-Propanol	2.375	218.533

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	317-01A
Injection date:	11/6/2017 3:46:49 PM	Vial:	52
Method:	ethanol quant.M	Sequence:	6Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\6Nov17\52.D		

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

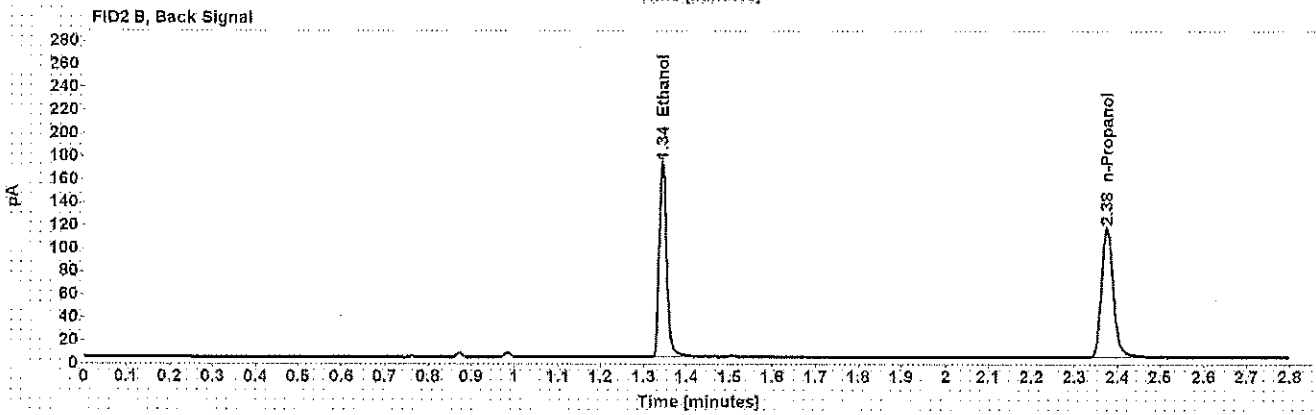
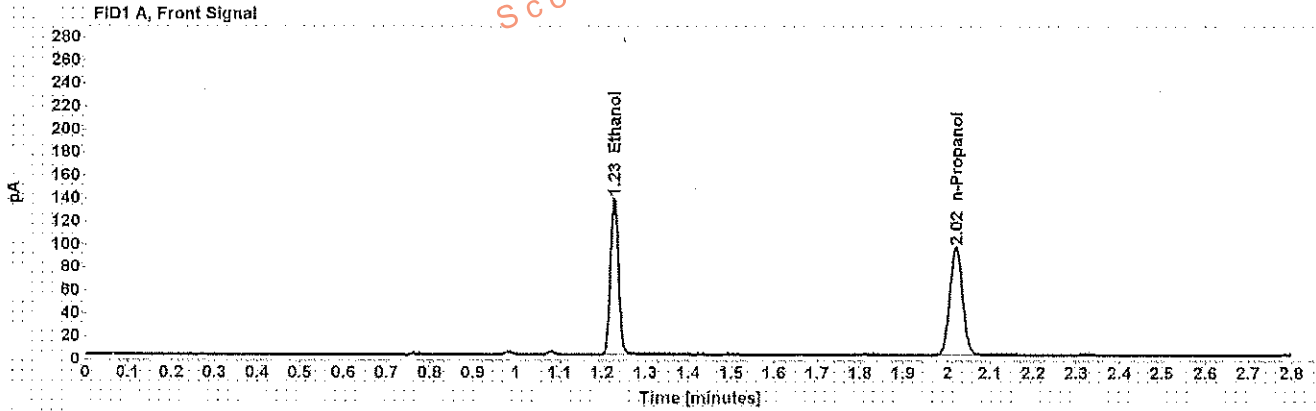


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2566	1.227	175,070
n-Propanol	-----	2.020	191,470

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

Compound	Time (min)	Peak Area
Ethanol	1.344	204,554
n-Propanol	2.375	218,598