

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 9/19/2017 SEQUENCE NAME 19Sep17

### 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 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 090517
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 020917WLA
7	Aqueous control	0.400 g/dL	0.405 g/dL	Lipomed 08012015-C
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
9	Blood control	0.200 g/dL	0.200 g/dL	ACQ 407041529/3
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.152 g/dL	Lipomed 09022015-C
42	Blood control	0.200 g/dL	0.199 g/dL	ACQ 407041529/3
49	Aqueous control	0.400 g/dL	0.412 g/dL	Lipomed 08012015-C
50	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
51	Blood control	0.200 g/dL	0.203 g/dL	ACQ 407041529/3
52	Blank	Not detected	Not detected	SPD lab 090517

### SUBJECT SAMPLES

Subjects in the sequence 18 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Run valid  Run invalid  WA B1570 9/20/17 Analyst  
 Run valid  Run invalid  KOSECKI 9/21/17 Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

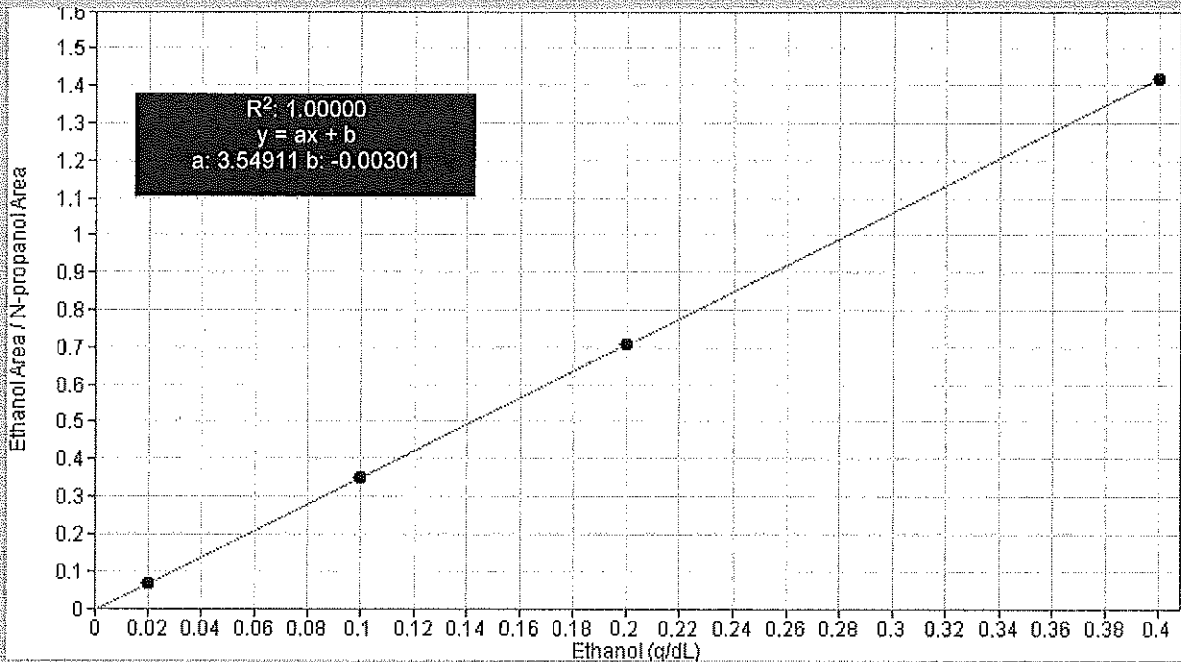
SEQUENCE NAME: 19Sep17

ANALYST: Adrian <sup>WA</sup>

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	0.405	0.400	1.25	0.005
0.040 Lipomed 09022015-A	8	0.040	0.040	0.00	0.000
0.20 ACQ 407041529/3	9	0.200	0.200	0.00	0.000
0.080 Lipomed 28082014-B	20	0.080	0.080	0.00	0.000
0.150 Lipomed 09022015-C	31	0.152	0.150	1.33	0.002
0.20 ACQ 407041529/3	42	0.199	0.200	0.50	-0.001
0.40 Lipomed 08012015-C	49	0.412	0.400	3.00	0.012
0.04 Lipomed 09022015-A	50	0.040	0.040	0.00	0.000
0.20 ACQ 407041529/3	51	0.203	0.200	1.50	0.003
blank 090517	52	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.652	184.107	0.069
0.100	63.926	181.954	0.351
0.200	128.212	181.538	0.706
0.400	257.610	181.797	1.417

### Calibration Line



# Scottsdale Police Department Crime Lab Volatiles Analysis

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WA

Sample: 0.020 Cerilliant FN03241604	Item number:
Injection date: 9/19/2017 11:29:02 AM	Vial: 1
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Sep17\1.D	

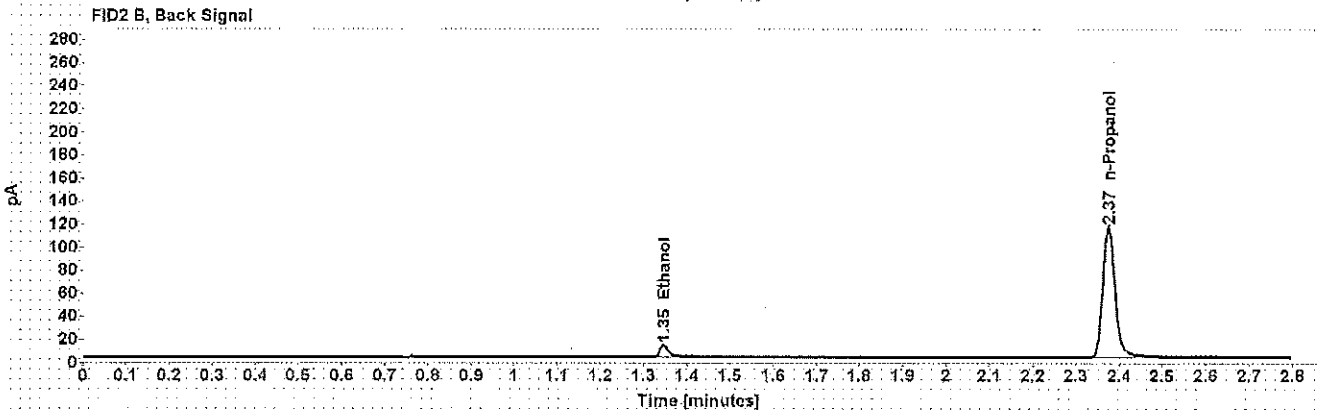
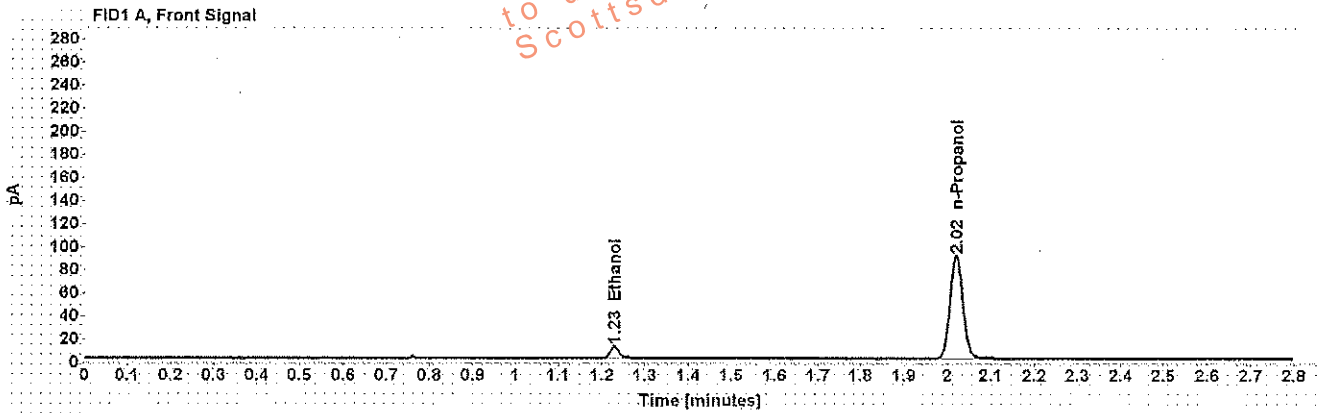


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.229	12.652
n-Propanol	2.020	184.107

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

Compound	Time (min)	Peak Area
Ethanol	1.346	14.296
n-Propanol	2.374	225.146

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> 0.100 Cerilliant FN06181501	<b>Item number:</b>
<b>Injection date:</b> 9/19/2017 11:33:02 AM	<b>Vial:</b> 2
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\19Sep17\2.D	

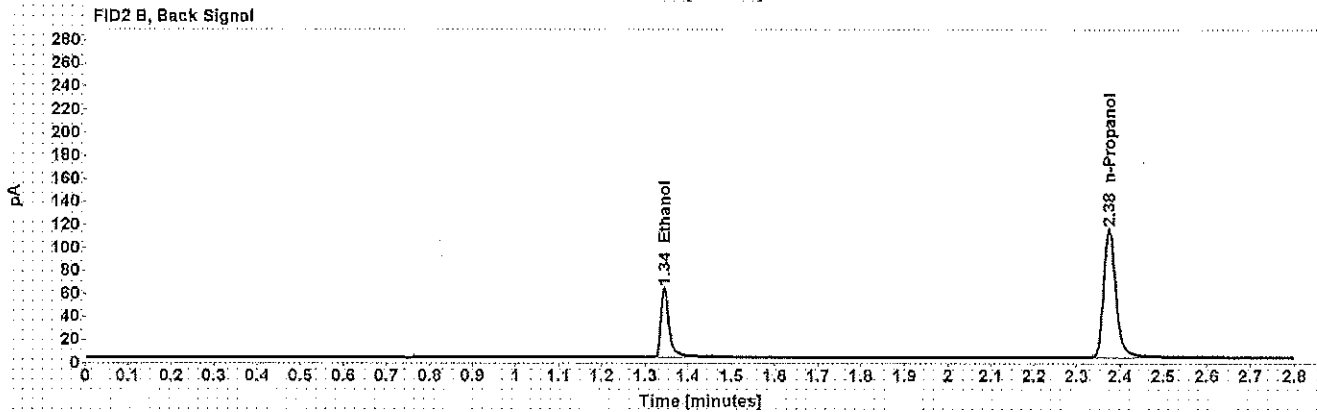
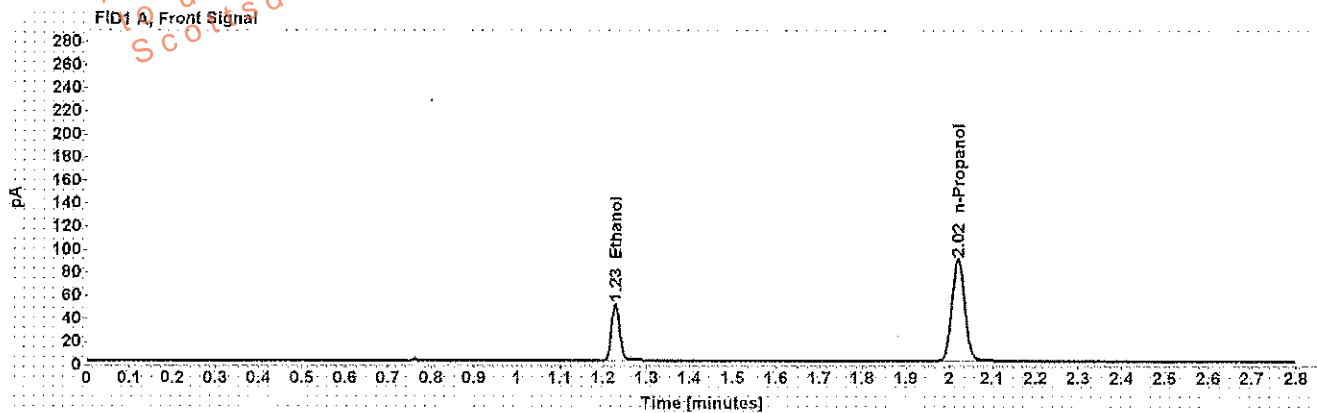


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.228	63.926
n-Propanol	2.021	181.954

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

Compound	Time (min)	Peak Area
Ethanol	1.344	80.040
n-Propanol	2.375	222.036

# Scottsdale Police Department Crime Lab Volatiles Analysis

WJA

<b>Sample:</b> 0.200 Cerilliant FN07201502	<b>Item number:</b>
<b>Injection date:</b> 9/19/2017 11:37:03 AM	<b>Vial:</b> 3
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023.CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\11\Data\19Sep17\3.D	

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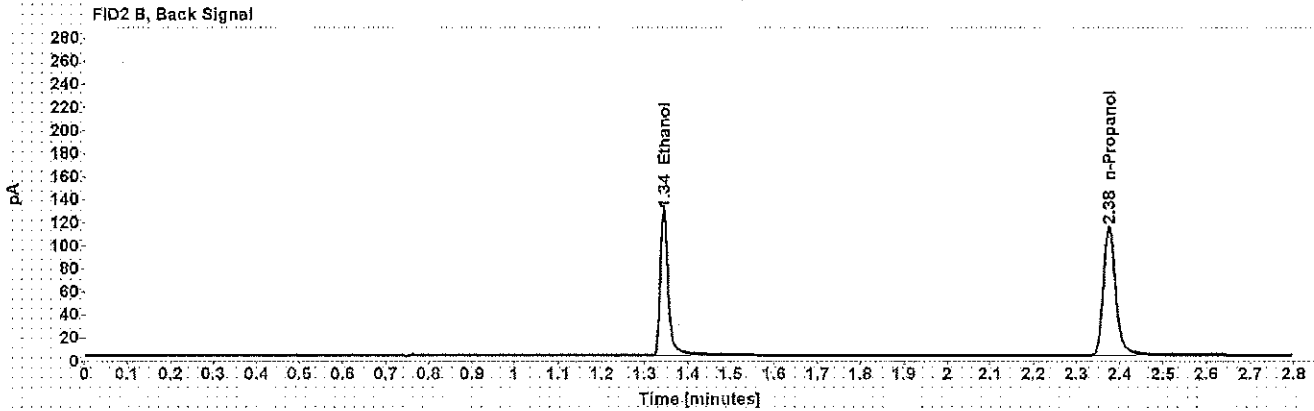
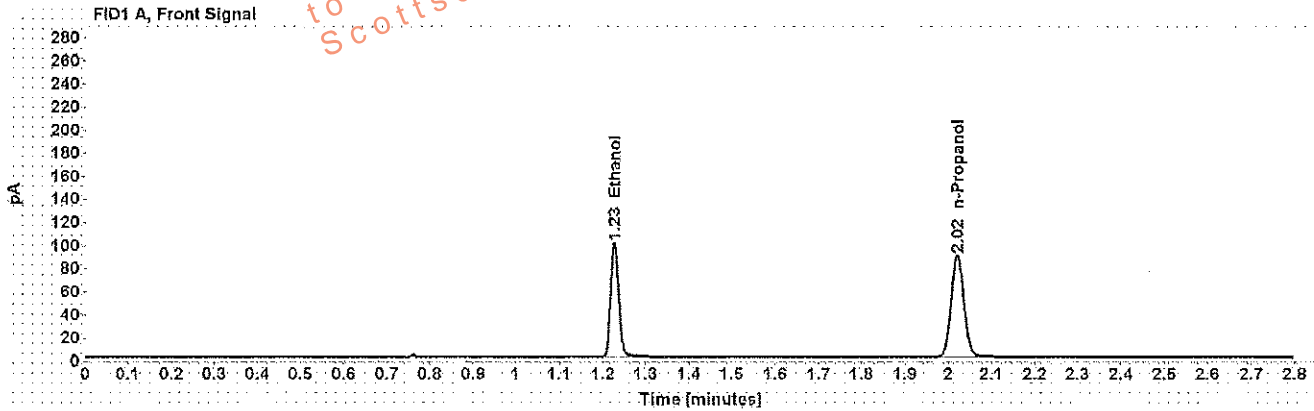


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.227	128.212
n-Propanol	2.021	181.538

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

Compound	Time (min)	Peak Area
Ethanol	1.343	161.943
n-Propanol	2.375	221.398

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WA

<b>Sample:</b> 0.400 Cerilliant FN11191402	<b>Item number:</b>
<b>Injection date:</b> 9/19/2017 11:41:02 AM	<b>Vial:</b> 4
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\19Sep17\4.D	

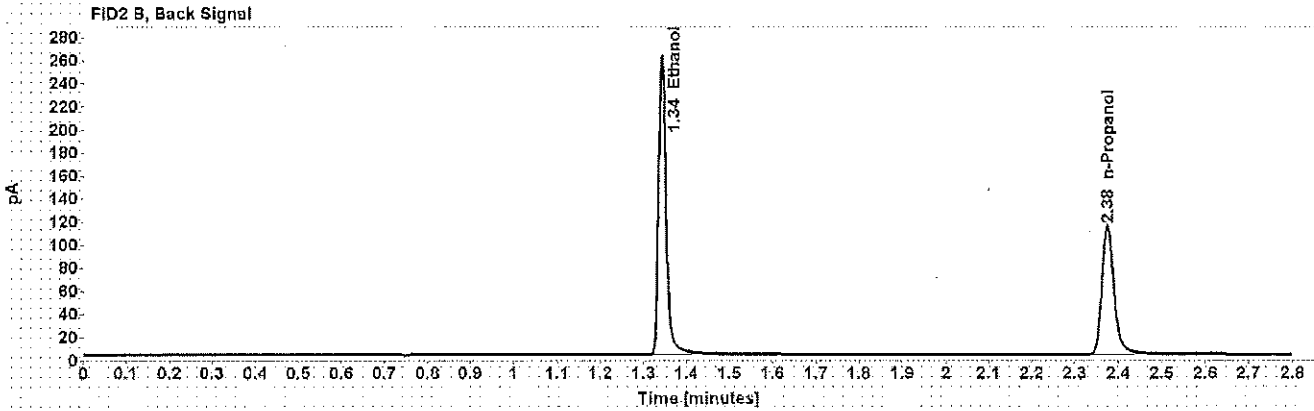
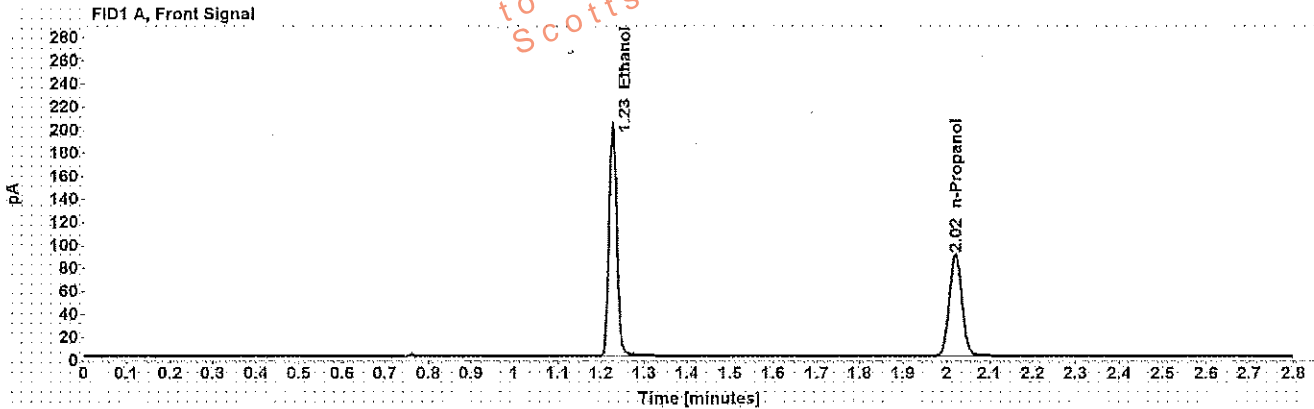


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.227	257.610
n-Propanol	2.021	181.797

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

Compound	Time (min)	Peak Area
Ethanol	1.343	324.036
n-Propanol	2.375	221.736

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> blank 090517	<b>Item number:</b>
<b>Injection date:</b> 9/19/2017 11:45:02 AM	<b>Vial:</b> 5
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\11\Data\19Sep17\5.D	

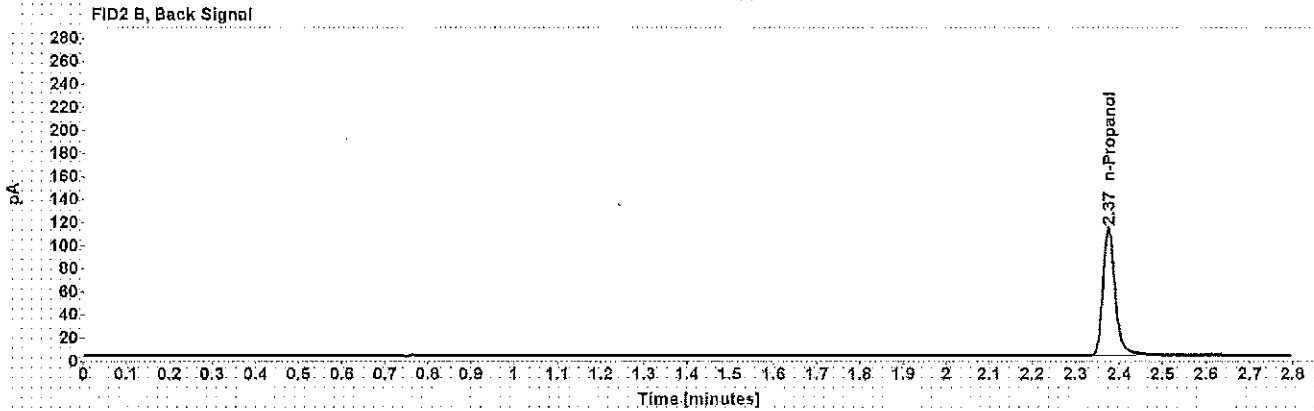
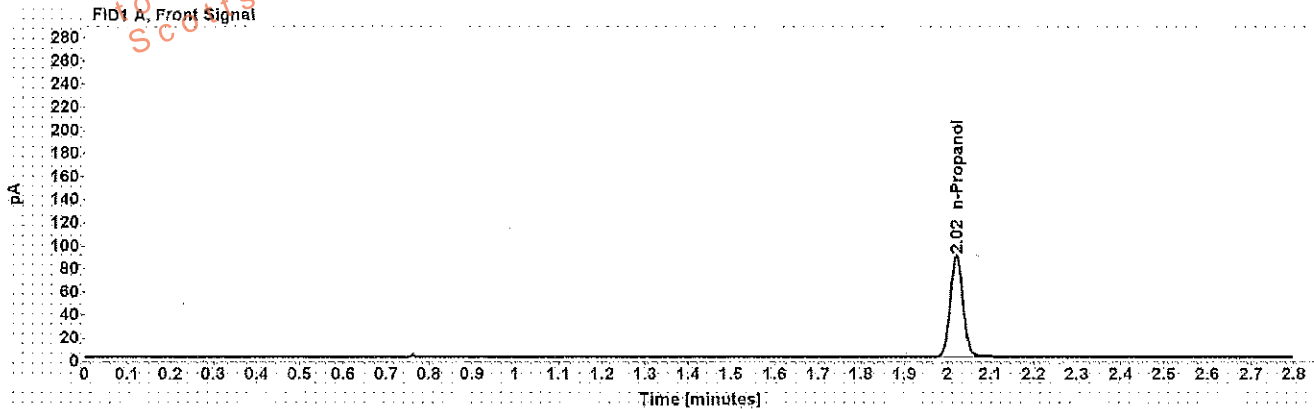


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.021	180.318

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

Compound	Time (min)	Peak Area
n-Propanol	2.375	218.592

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> volatiles mix 020917 WLA	<b>Item number:</b>
<b>Injection date:</b> 9/19/2017 11:49:02 AM	<b>Vial:</b> 6
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
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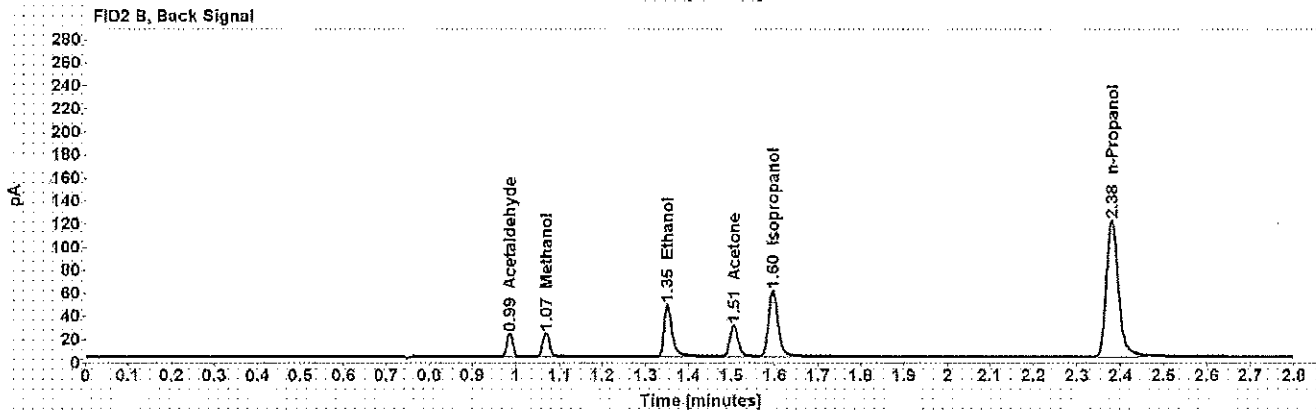
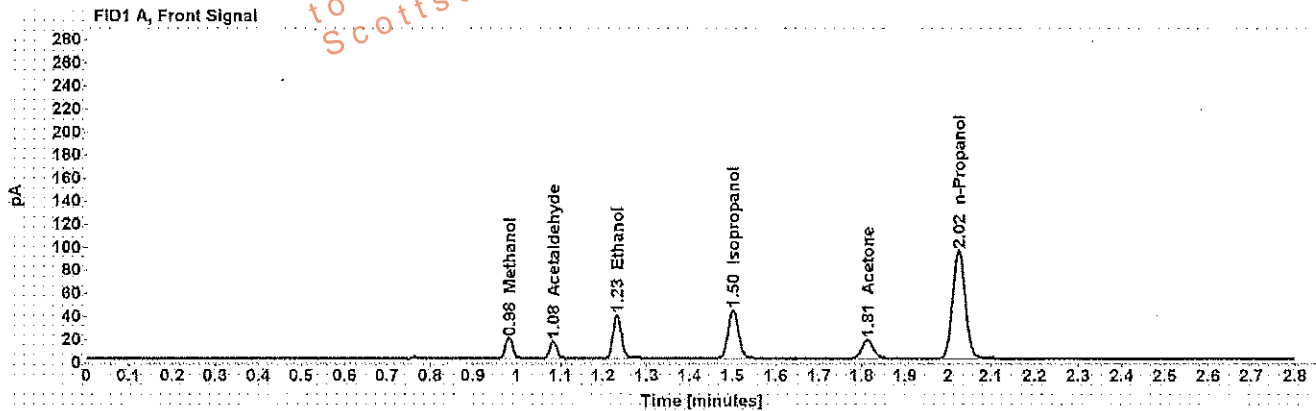


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.982	20.791
Acetaldehyde	-----	1.083	16.272
>Ethanol	0.0732	1.232	49.416
Isopropanol	-----	1.502	68.912
Acetone	-----	1.813	28.730
n-Propanol	-----	2.024	192.422

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	19.361
Methanol	1.069	22.992
Ethanol	1.351	61.007
Acetone	1.506	36.188
Isopropanol	1.596	87.223
n-Propanol	2.380	234.471



# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> 0.400 Lipomed 08012015-C	<b>Item number:</b>
<b>Injection date:</b> 9/19/2017 11:53:17 AM	<b>Vial:</b> 7
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\19Sep17\7.D	

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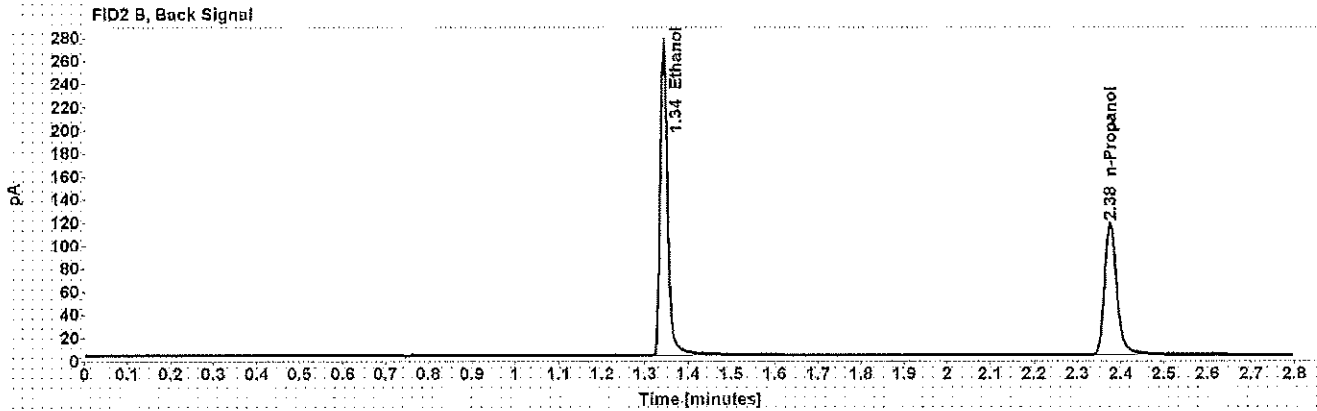
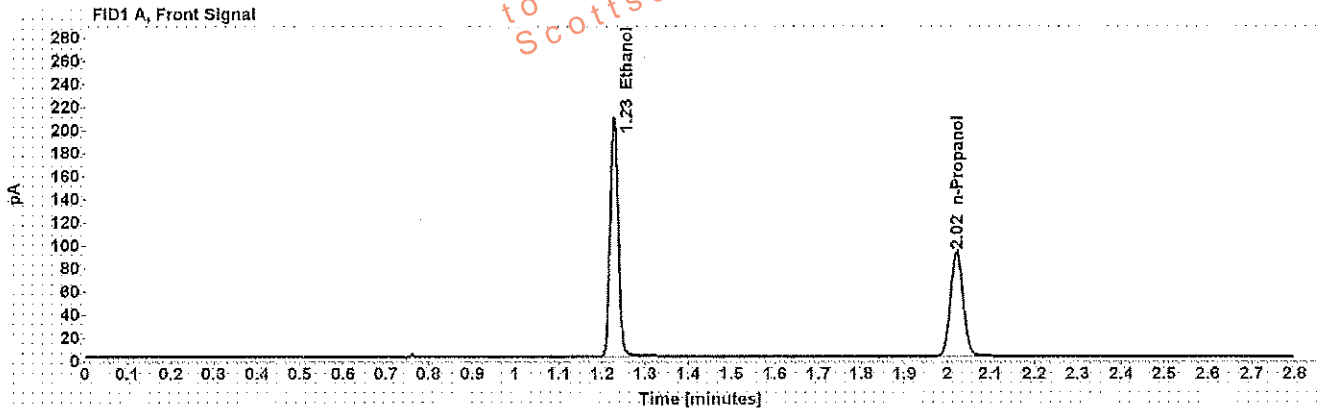


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4059	1.227	267.656
n-Propanol	-----	2.021	186.179

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

Compound	Time (min)	Peak Area
Ethanol	1.343	332.396
n-Propanol	2.375	226.661

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> 0.040 Lipomed 09022015-A	<b>Item number:</b>
<b>Injection date:</b> 9/19/2017 11:57:18 AM	<b>Vial:</b> 8
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
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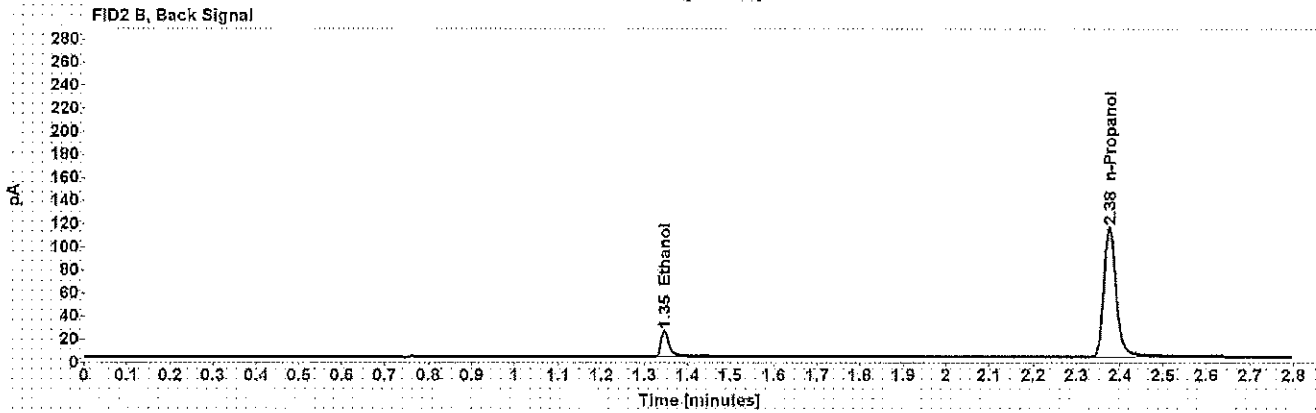
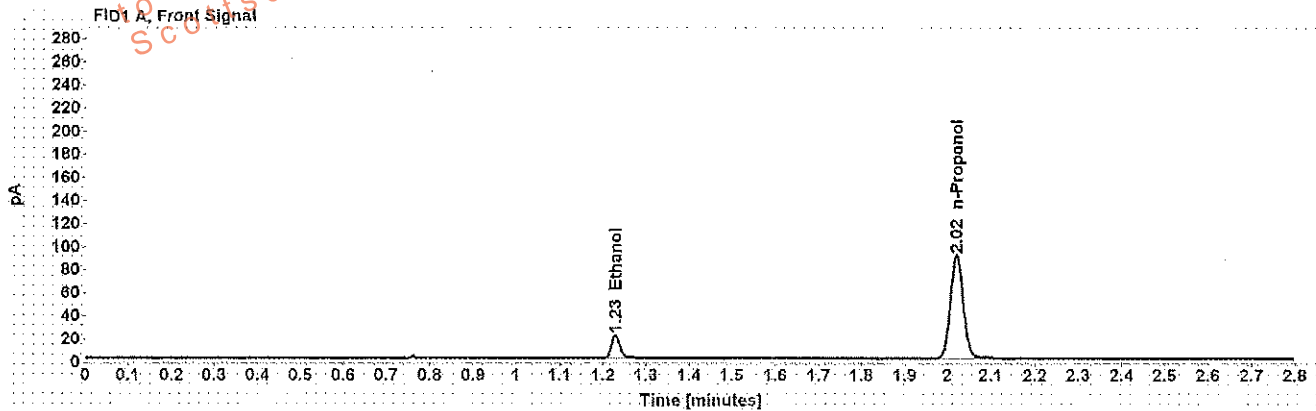


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0400	1.229	25.461
n-Propanol	-----	2.021	183.286

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

Compound	Time (min)	Peak Area
Ethanol	1.346	30.367
n-Propanol	2.376	222.581

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b>	0.20 ACQ 407041529/3	<b>Item number:</b>	
<b>Injection date:</b>	9/19/2017 12:01:17 PM	<b>Vial:</b>	9
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	19Sep17
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Adrian
<b>Data file:</b>	C:\Chem\3211\Data\19Sep17\9.D		

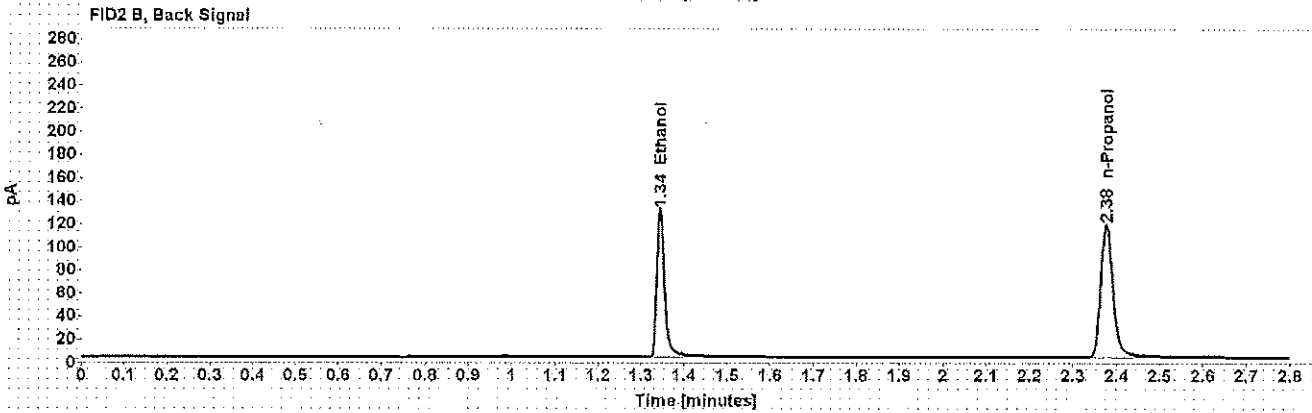
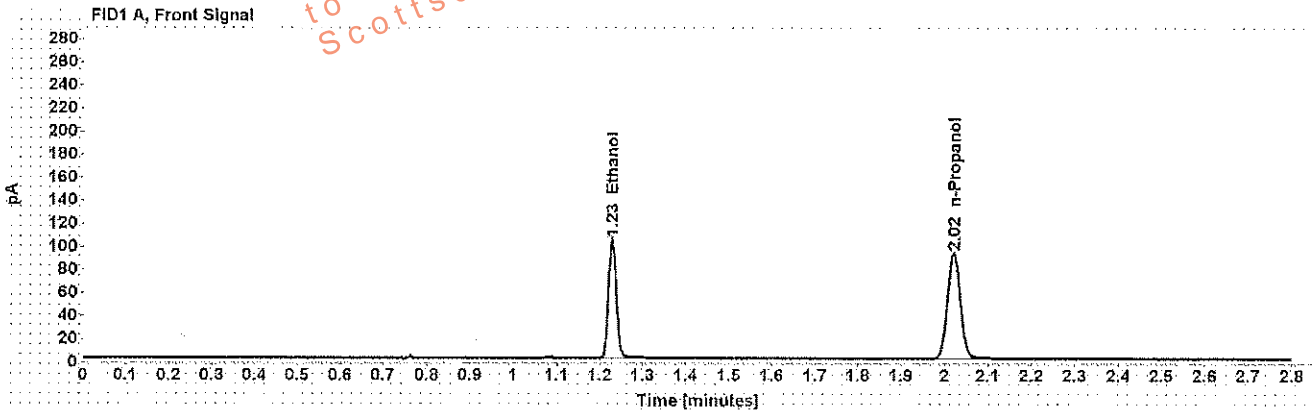


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2004	1.228	132.951
n-Propanol	-----	2.021	187.736

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

Compound	Time (min)	Peak Area
Ethanol	1.345	164.056
n-Propanol	2.376	228.101

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> 0.080 Lipomed 28082014-B	<b>Item number:</b>
<b>Injection date:</b> 9/19/2017 12:45:47 PM	<b>Vial:</b> 20
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\19Sep17\20.D	

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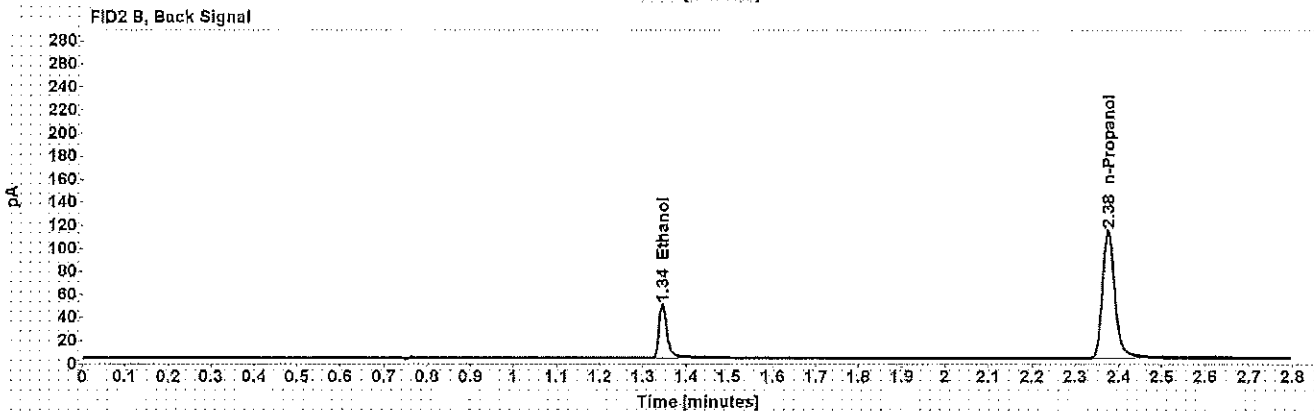
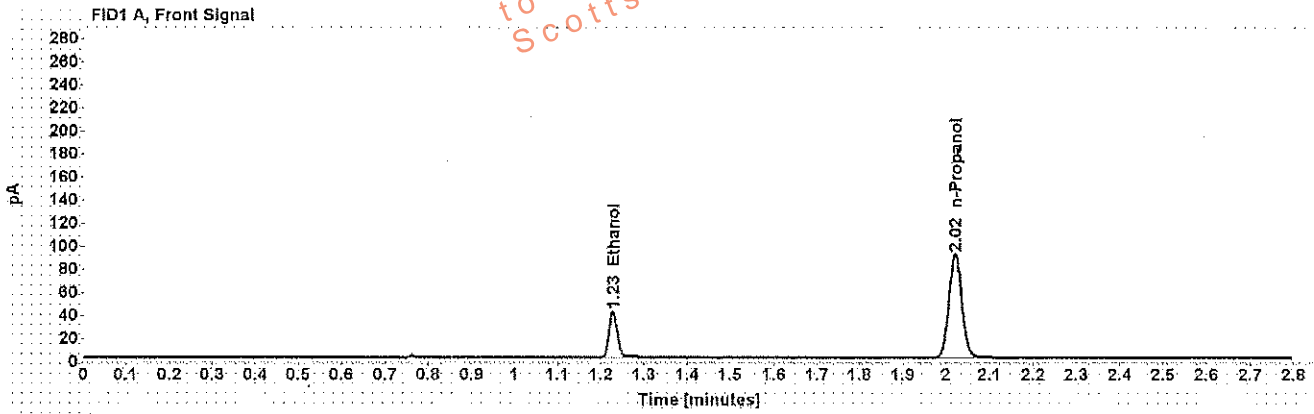


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0801	1.229	51.772
n-Propanol	-----	2.021	184.020

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

Compound	Time (min)	Peak Area
Ethanol	1.345	60.597
n-Propanol	2.376	220.892

# Scottsdale Police Department Crime Lab Volatiles Analysis

W4

<b>Sample:</b> 0.150 Lipomed 09022015-C	<b>Item number:</b>
<b>Injection date:</b> 9/19/2017 1:30:17 PM	<b>Vial:</b> 31
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
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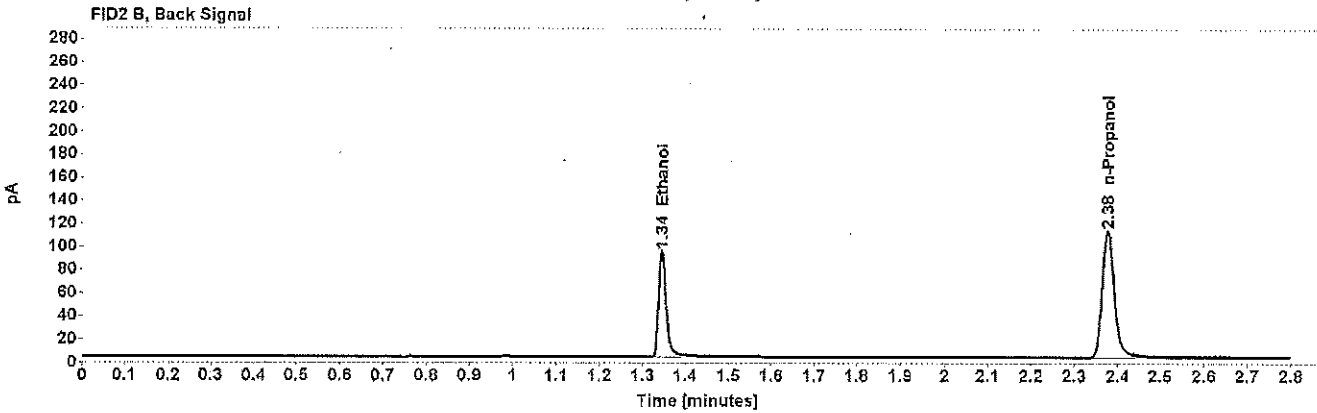
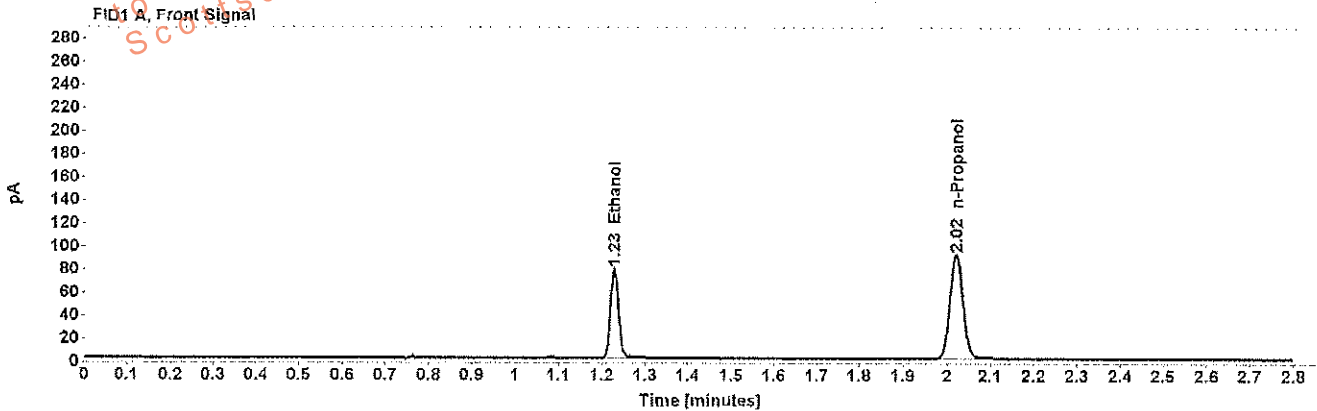


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1527	1.229	99.828
n-Propanol	-----	2.022	185.220

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

Compound	Time (min)	Peak Area
Ethanol	1.345	115.777
n-Propanol	2.376	219.989

# Scottsdale Police Department Crime Lab Volatiles Analysis

w/A

Sample: 0.20 ACQ 407041529/3	Item number:
Injection date: 9/19/2017 2:14:33 PM	Vial: 42
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Sep17\42.D	

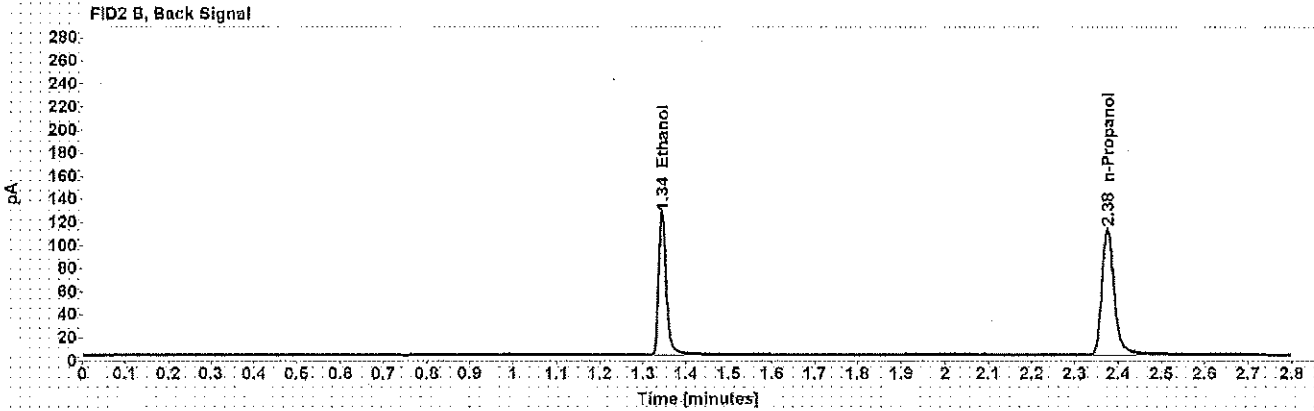
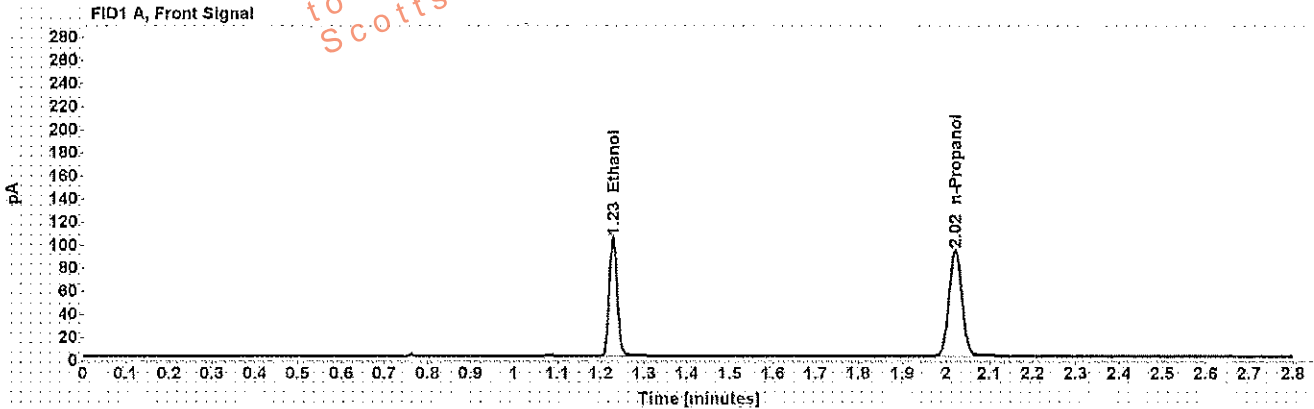


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1995	1.228	133.009
n-Propanol	-----	2.021	188.658

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

Compound	Time (min)	Peak Area
Ethanol	1.344	155.401
n-Propanol	2.376	220.412

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> 0.40 Lipomed 08012015-C	<b>Item number:</b>
<b>Injection date:</b> 9/19/2017 2:43:03 PM	<b>Vial:</b> 49
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
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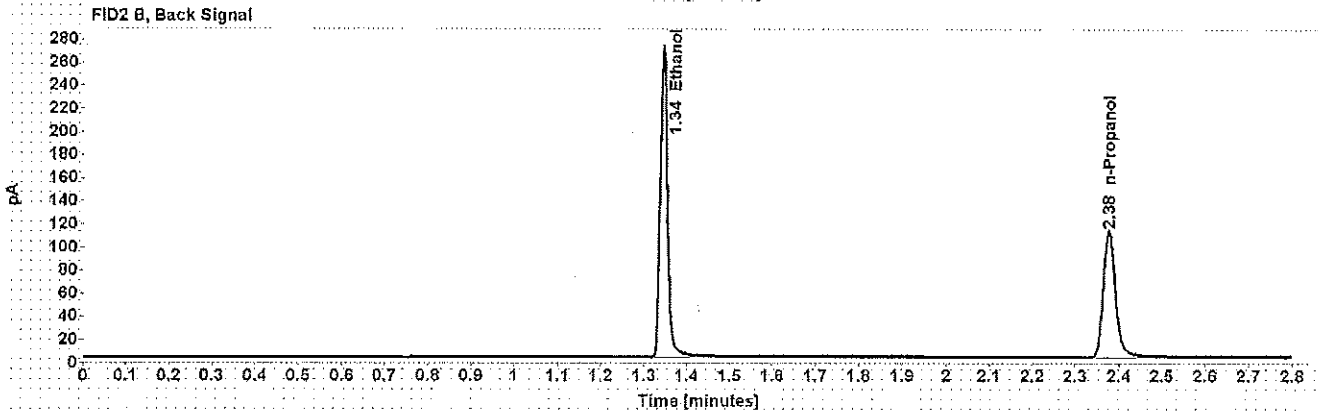
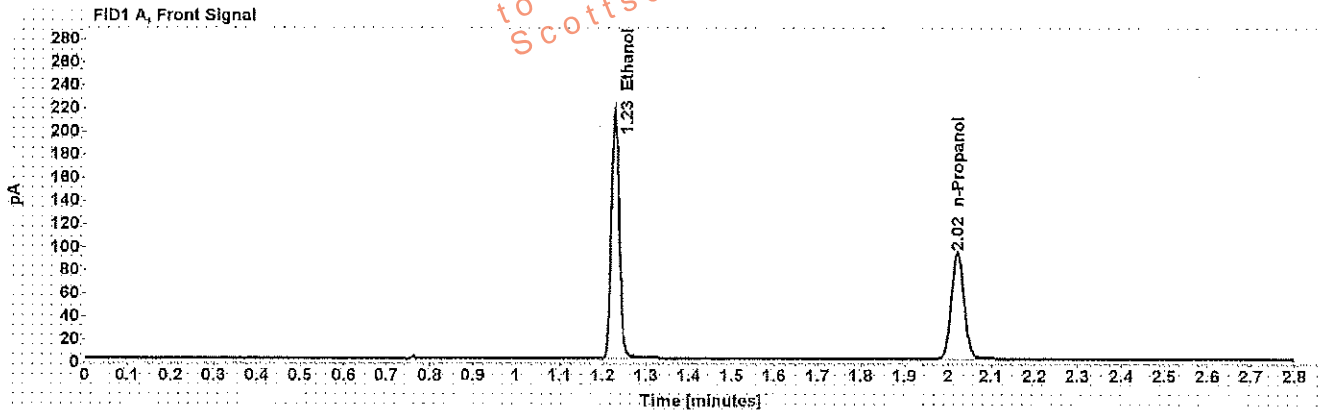


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4128	1.228	276.945
n-Propanol	-----	2.022	189.412

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

Compound	Time (min)	Peak Area
Ethanol	1.345	324.108
n-Propanol	2.377	219.314

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> 0.04 Lipomed 09022015-A	<b>Item number:</b>
<b>Injection date:</b> 9/19/2017 2:47:02 PM	<b>Vial:</b> 50
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
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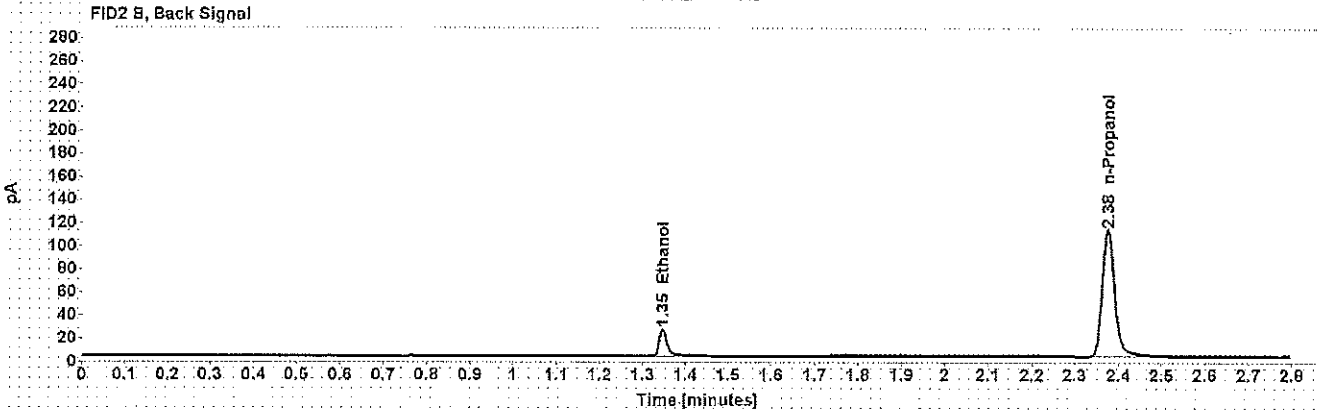
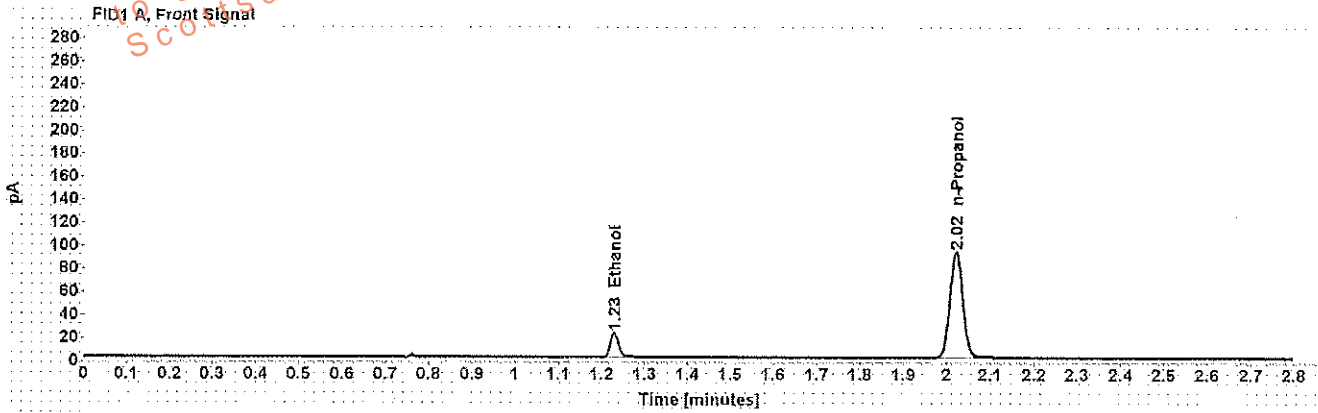


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0405	1.230	26.613
n-Propanol	-----	2.021	189.122

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

Compound	Time (min)	Peak Area
Ethanol	1.347	29.986
n-Propanol	2.376	219.674



# Scottsdale Police Department Crime Lab Volatiles Analysis

LMA

Sample: 0.20 ACQ 407041529/3	Item number:
Injection date: 9/19/2017 2:51:03 PM	Vial: 51
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023.CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\19Sep17\51.D	

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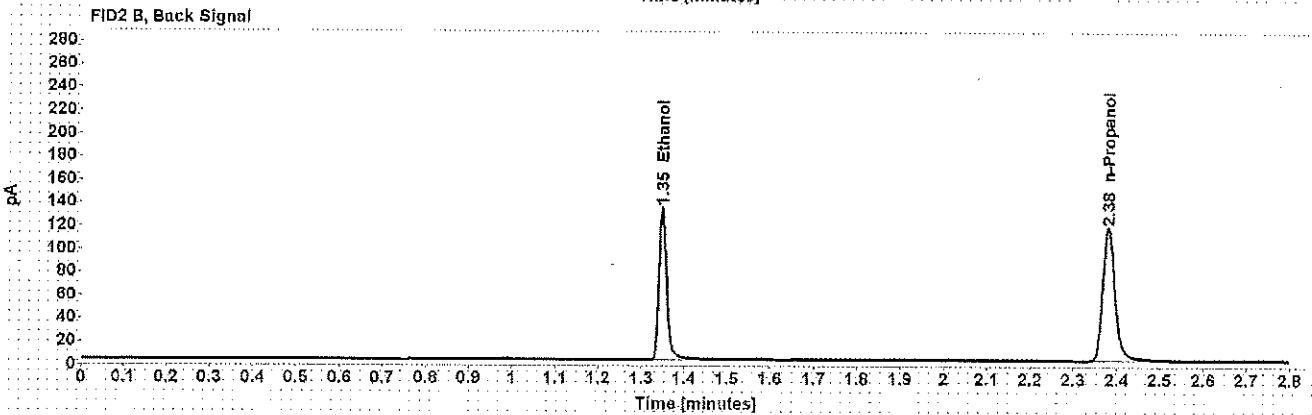
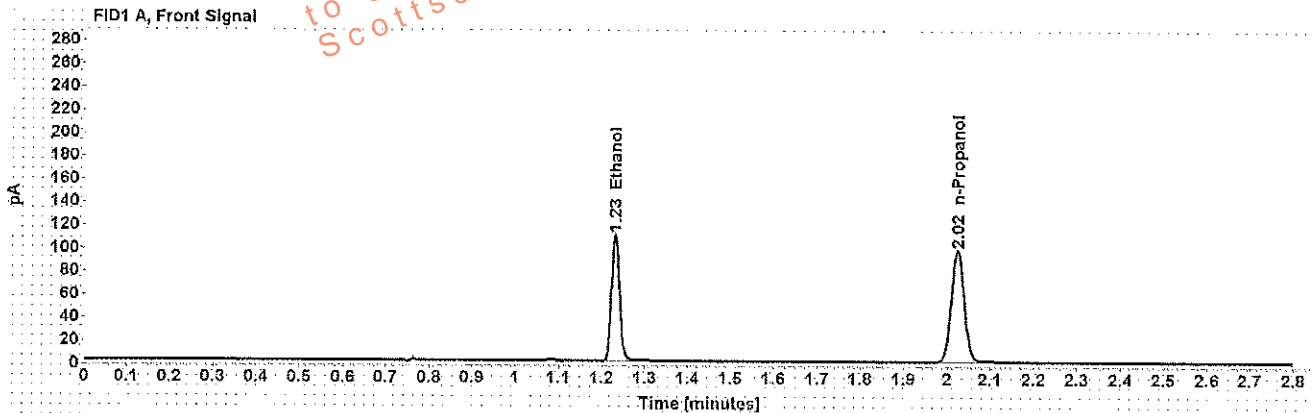


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2031	1.231	142.769
n-Propanol	-----	2.024	198.916

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

Compound	Time (min)	Peak Area
Ethanol	1.349	165.468
n-Propanol	2.380	230.943

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 090517	Item number: <span style="float: right;">WA</span>
Injection date: 9/19/2017 2:55:02 PM	Vial: 52
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Sep17\52.D	

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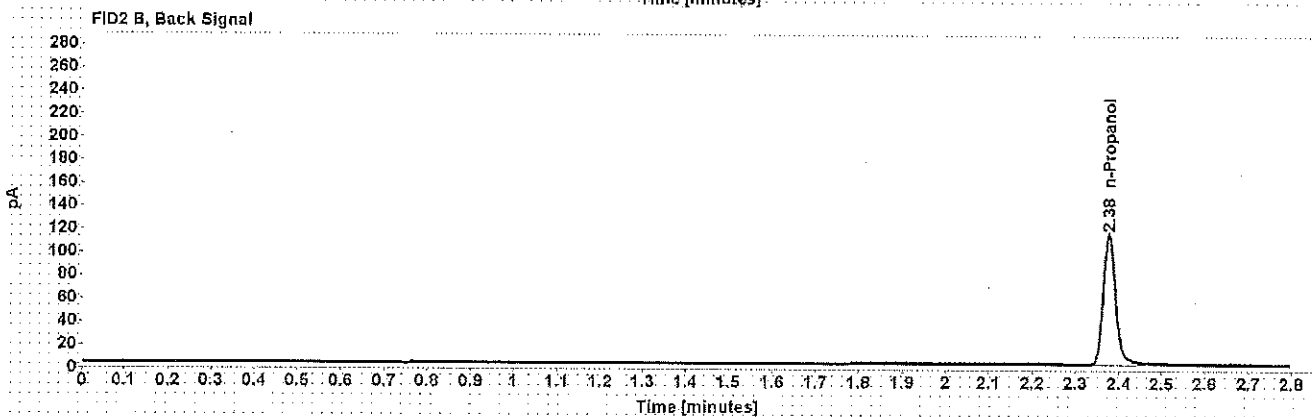
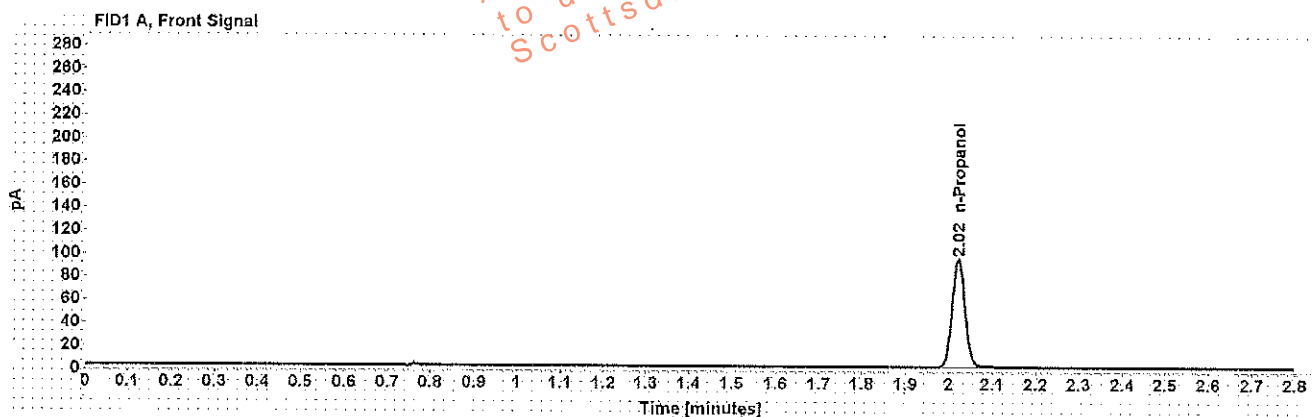


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.022	193.488

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

Compound	Time (min)	Peak Area
n-Propanol	2.376	226.276

# Sequence Summary

WA

Sequence name: 19Sep17 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	0.20 ACQ 407041529/3	Control		ethanol quant.M
10	[REDACTED]	Sample	1161800	ethanol quant.M
11	[REDACTED]	Sample	1161800	ethanol quant.M
12	[REDACTED]	Sample	1173849	ethanol quant.M
13	[REDACTED]	Sample	1173849	ethanol quant.M
14	[REDACTED]	Sample	1173471	ethanol quant.M
15	[REDACTED]	Sample	1173471	ethanol quant.M
16	[REDACTED]	Sample	1173600	ethanol quant.M
17	[REDACTED]	Sample	1173600	ethanol quant.M
18	[REDACTED]	Sample	1174186	ethanol quant.M
19	[REDACTED]	Sample	1174186	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21	[REDACTED]	Sample	1173865	ethanol quant.M
22	[REDACTED]	Sample	1173865	ethanol quant.M
23	[REDACTED]	Sample	1170350	ethanol quant.M
24	[REDACTED]	Sample	1170350	ethanol quant.M
25	[REDACTED]	Sample	1170784	ethanol quant.M
26	[REDACTED]	Sample	1170784	ethanol quant.M
27	[REDACTED]	Sample	1171369	ethanol quant.M
28	[REDACTED]	Sample	1171369	ethanol quant.M
29	[REDACTED]	Sample	1170963	ethanol quant.M
30	[REDACTED]	Sample	1170963	ethanol quant.M
31	0.150 Lipomed 09022015-C	Control		ethanol quant.M
32	[REDACTED]	Sample	1173266	ethanol quant.M
33	[REDACTED]	Sample	1173266	ethanol quant.M
34	[REDACTED]	Sample	1170960	ethanol quant.M
35	[REDACTED]	Sample	1170960	ethanol quant.M
36	[REDACTED]	Sample	1170256	ethanol quant.M
37	[REDACTED]	Sample	1170256	ethanol quant.M
38	[REDACTED]	Sample	1170354	ethanol quant.M
39	[REDACTED]	Sample	1170354	ethanol quant.M
40	[REDACTED]	Sample	1170346	ethanol quant.M
41	[REDACTED]	Sample	1170346	ethanol quant.M
42	0.20 ACQ 407041529/3	Control		ethanol quant.M
43	[REDACTED]	Sample	150-01A	ethanol quant.M
44	[REDACTED]	Sample	150-01A	ethanol quant.M
45	[REDACTED]	Sample	72-01A	ethanol quant.M
46	[REDACTED]	Sample	72-01A	ethanol quant.M
47	[REDACTED]	Sample	323-01A	ethanol quant.M

# Sequence Summary

WA

48	[REDACTED]	Sample	323-01A	ethanol quant.M
49	0.40 Lipomed 08012015-C	Control		ethanol quant.M
50	0.04 Lipomed 09022015-A	Control		ethanol quant.M
51	0.20 ACQ 407041529/3	Control		ethanol quant.M
52	blank 090517	Control		ethanol quant.M

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# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 19Sep17

ANALYST: Adrian WA

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0554	0.0551	0.05525	0.27	0.00015
12 13	0.1703	0.1755	0.17290	3.50	0.00260
14 15	0.1953	0.1955	0.19540	0.05	0.00010
16 17	0.2636	0.2587	0.26115	0.94	0.00245
18 19	0.0925	0.0917	0.09210	0.43	0.00040
21 22	0.0924	0.0943	0.09335	1.02	0.00095
23 24	0.0778	0.0797	0.07875	1.21	0.00095
25 26	0.0935	0.0918	0.09265	0.92	0.00085
27 28	0.1703	0.1662	0.16825	1.22	0.00205
29 30	0.1536	0.1544	0.15400	0.26	0.00040
32 33	0.1513	0.1518	0.15155	0.16	0.00025
34 35	0.2131	0.2150	0.21405	0.44	0.00095
36 37	0.1916	0.1888	0.19020	0.74	0.00140
38 39	0.1060	0.1068	0.10640	0.38	0.00040
40 41	0.0733	0.0717	0.07250	1.10	0.00080
43 44	0.1526	0.1515	0.15205	0.36	0.00055
45 46	0.2105	0.2138	0.21215	0.78	0.00165
47 48	0.1723	0.1719	0.17210	0.12	0.00020

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

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1161800
<b>Injection date:</b> 9/19/2017 12:05:17 PM	<b>Vial:</b> 10
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023.CN14160046	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\11\Data\19Sep17\10.D	

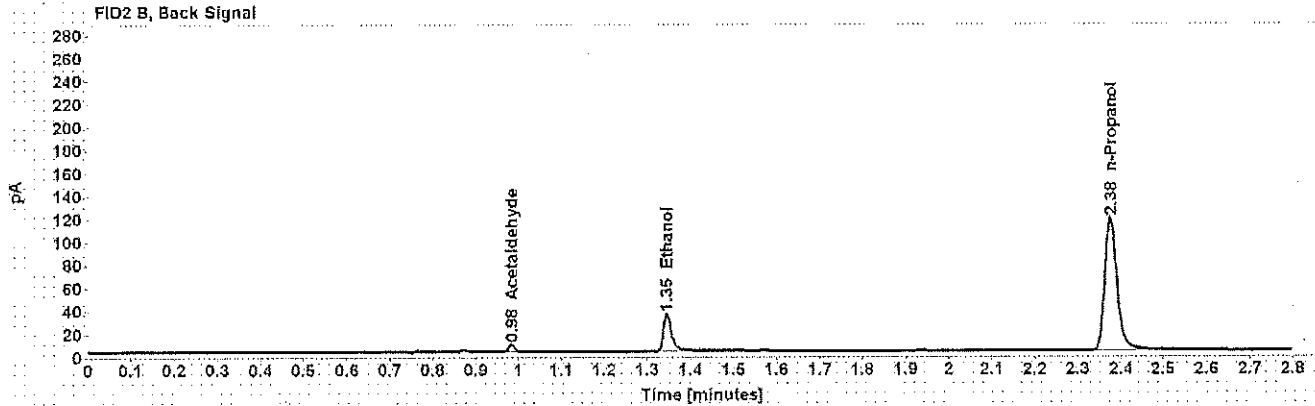
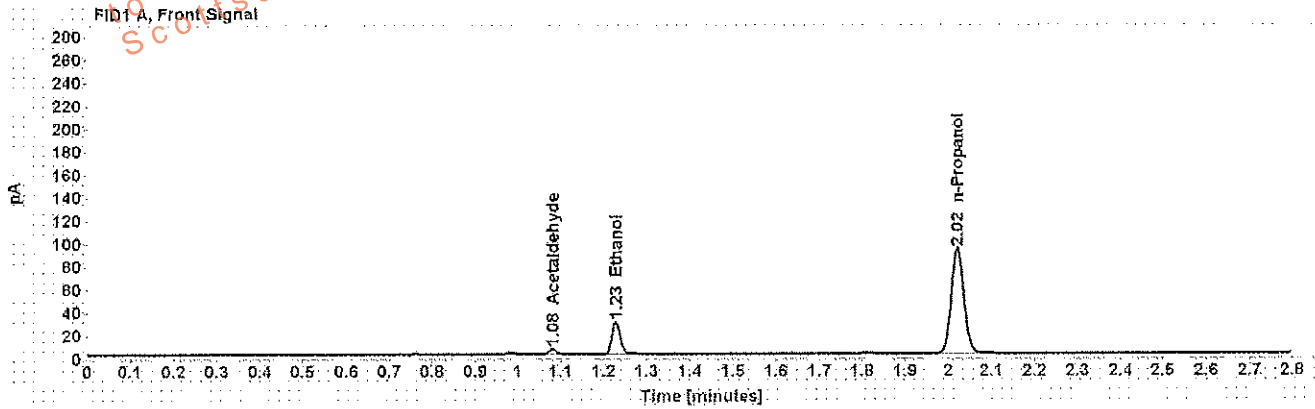


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.641
>Ethanol	0.0554	1.229	36.295
n-Propanol	-----	2.021	187.500

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.623
Ethanol	1.346	41.940
n-Propanol	2.376	227.760

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1161800
<b>Injection date:</b> 9/19/2017 12:09:18 PM	<b>Vial:</b> 11
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\11\Data\19Sep17\11.D	

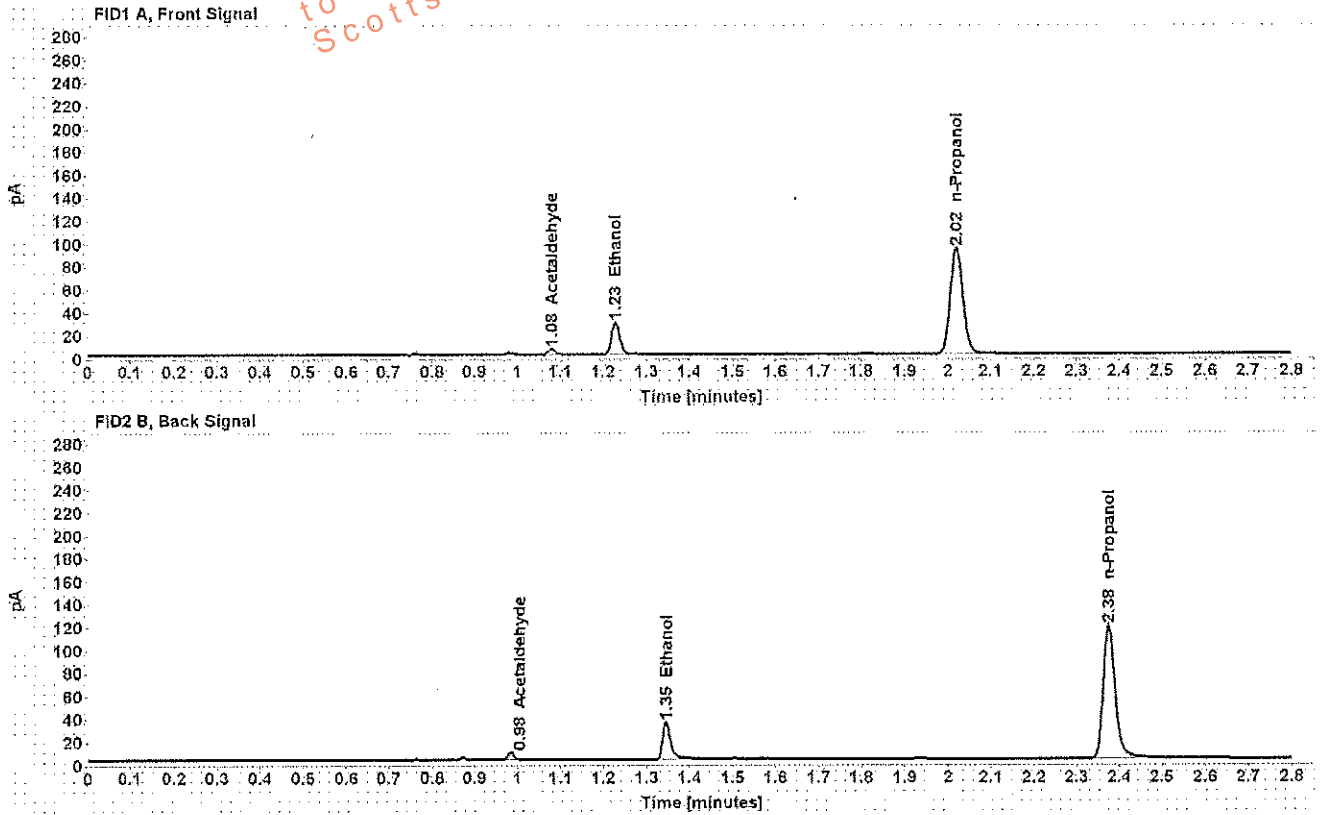


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.024
>Ethanol	0.0551	1.229	36.311
n-Propanol	-----	2.021	188.500

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.044
Ethanol	1.345	41.828
n-Propanol	2.375	228.790

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4173849
Injection date: 9/19/2017 12:13:17 PM	Vial: 12
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Sep17\12.D	

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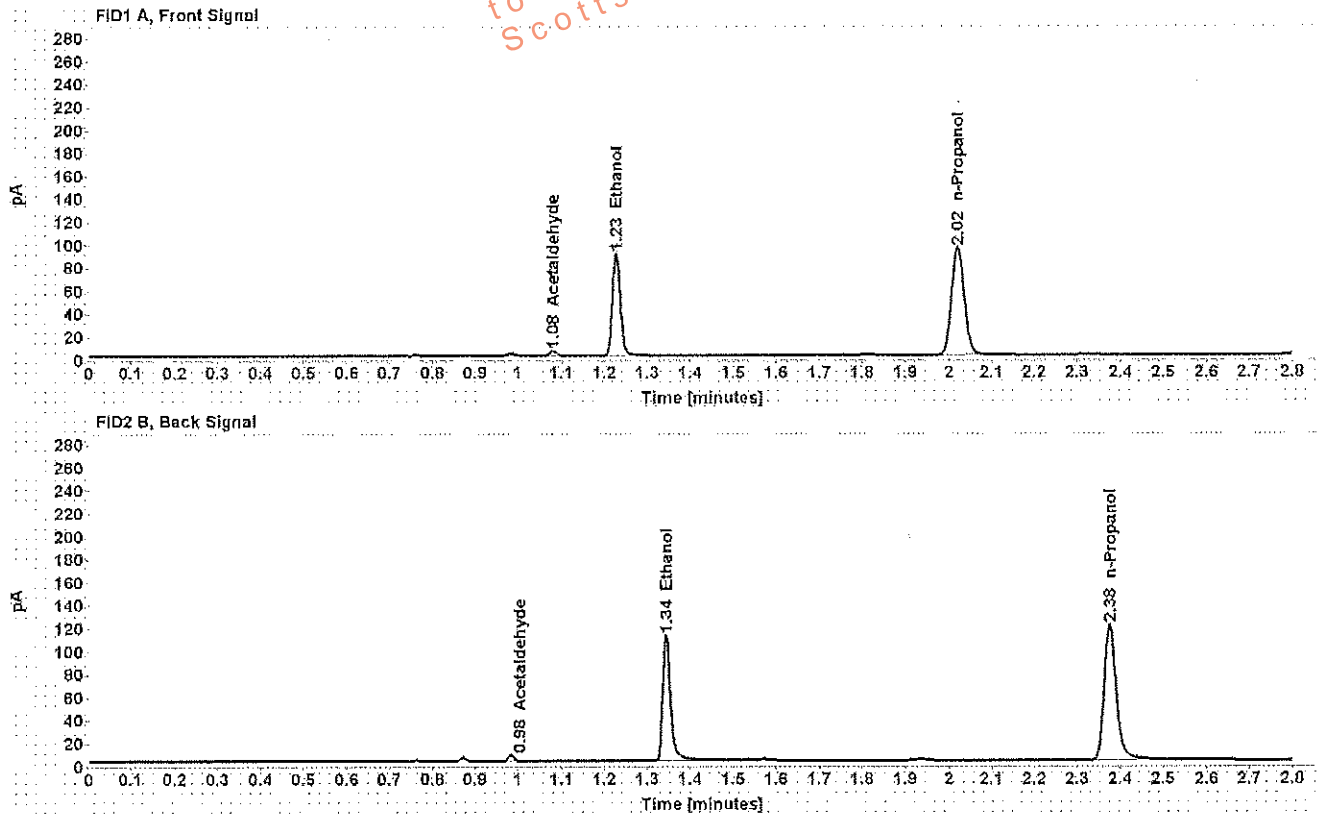


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.053
>Ethanol	0.1703	1.228	115.296
n-Propanol	-----	2.021	191.711

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.882
Ethanol	1.344	140.863
n-Propanol	2.376	233.917



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1173849
Injection date: 9/19/2017 12:17:32 PM	Vial: 13
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14180045	Analyst: Adrian
Data file: C:\Chem32\11\Data\19Sep17\13.D	

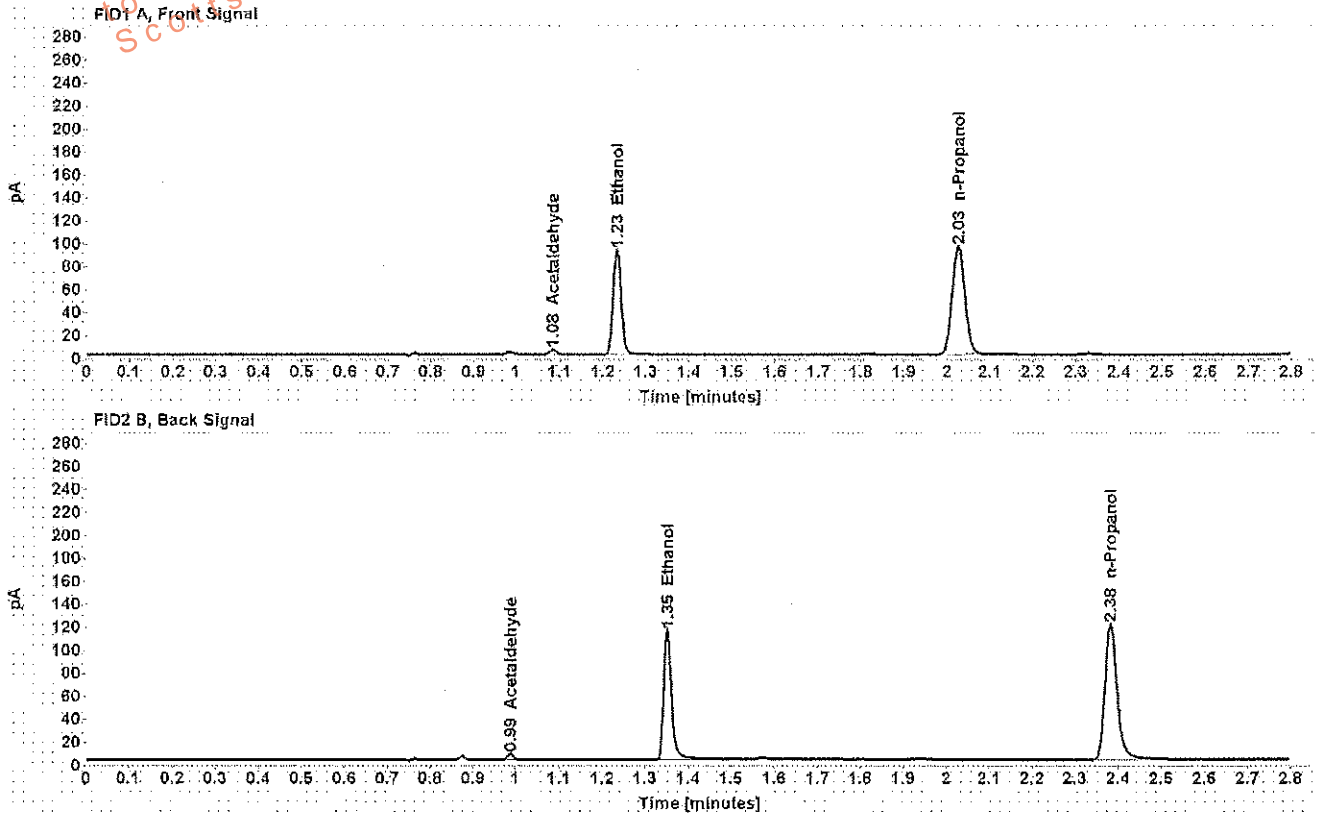


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.085	4.100
>Ethanol	0.1755	1.233	119.644
n-Propanol	-----	2.026	192.985

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	4.976
Ethanol	1.352	144.804
n-Propanol	2.382	235.337

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1173471
Injection date: 9/19/2017 12:21:33 PM	Vial: 14
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Sep17\14.D	

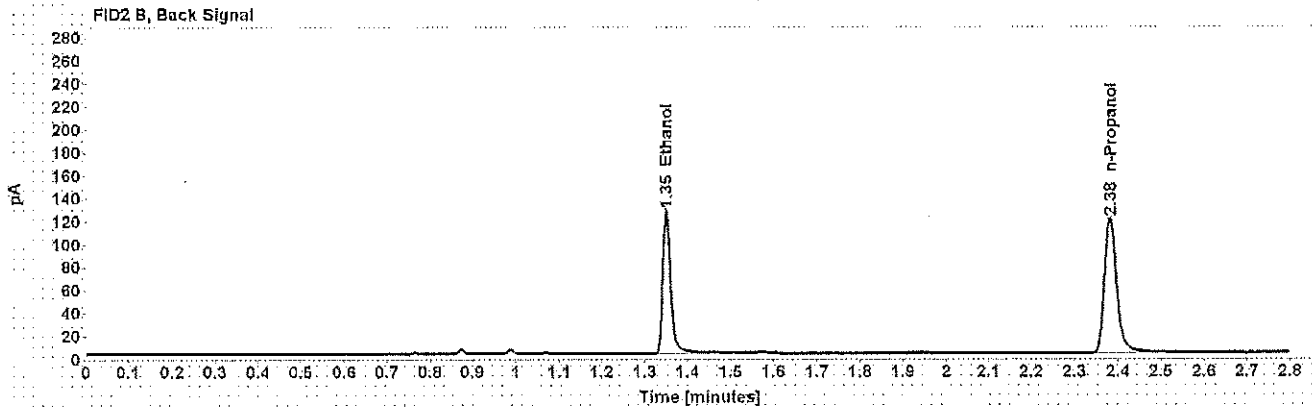
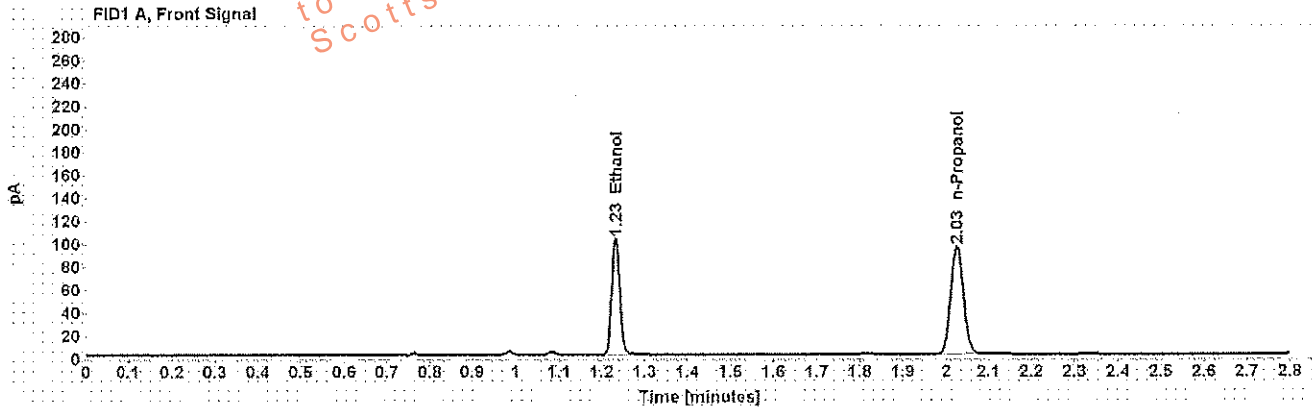


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1953	1.232	132.536
n-Propanol	-----	2.025	192.050

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

Compound	Time (min)	Peak Area
Ethanol	1.350	160.327
n-Propanol	2.382	233.595

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1173471
Injection date: 9/19/2017 12:25:32 PM	Vial: 15
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Sep17\15.D	

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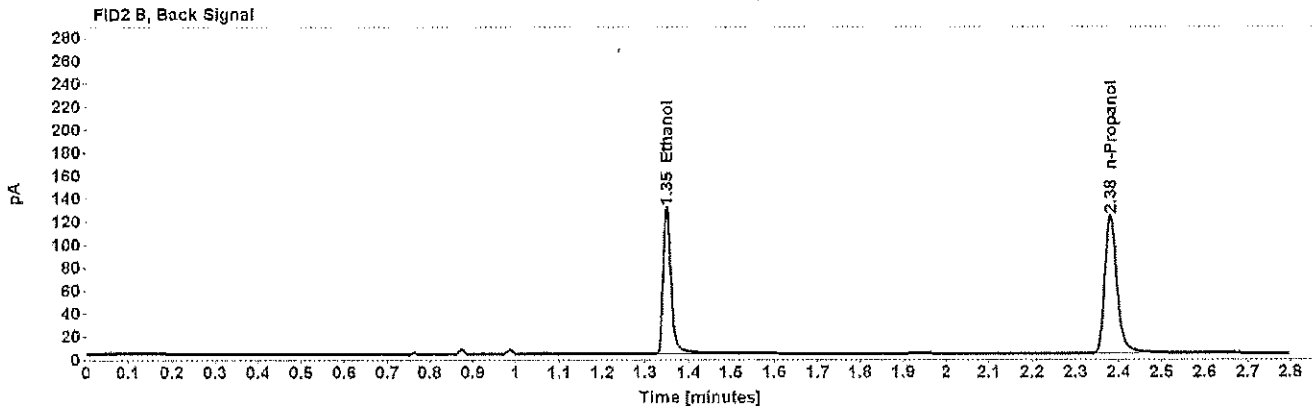
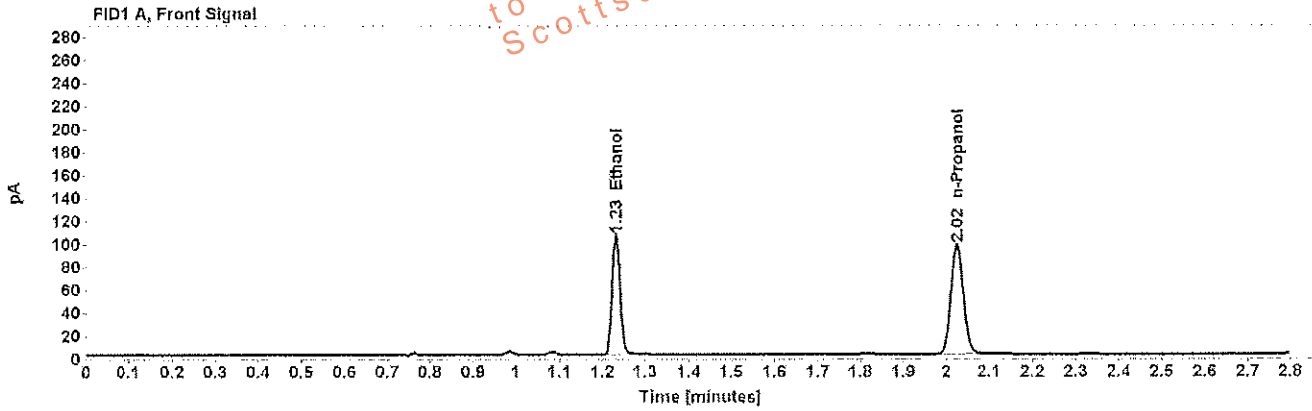


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1955	1.232	135.094
n-Propanol	-----	2.025	195.531

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

Compound	Time (min)	Peak Area
Ethanol	1.350	163.104
n-Propanol	2.381	237.947

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1173600
Injection date: 9/19/2017 12:29:33 PM	Vial: 16
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Sep17\16.D	

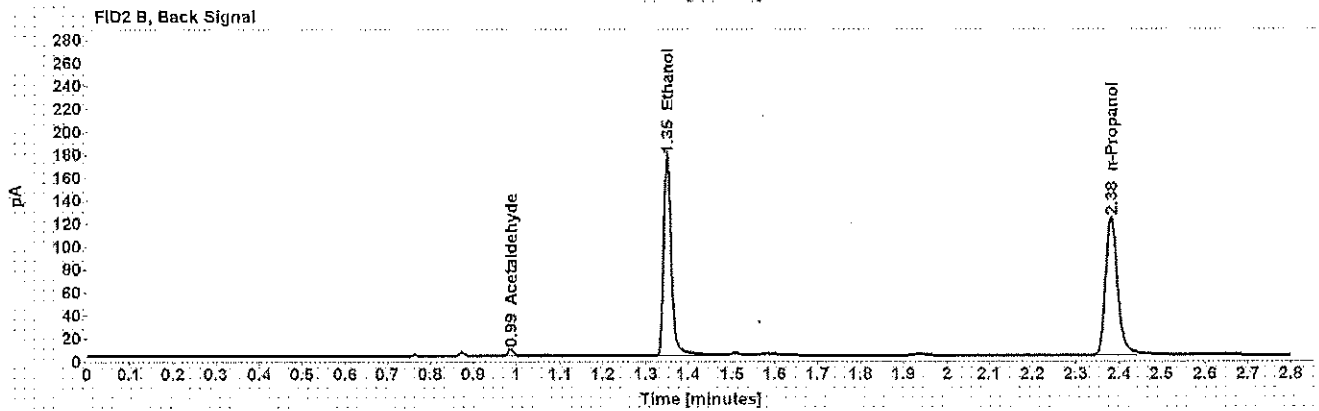
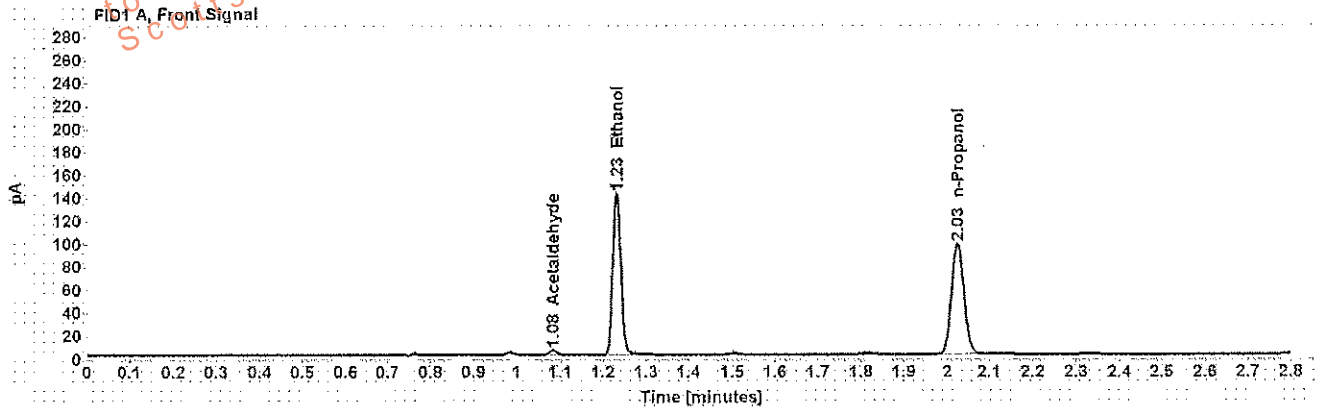


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.084	4.138
>Ethanol	0.2636	1.232	183.582
n-Propanol	-----	2.025	196.885

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	5.027
Ethanol	1.350	221.188
n-Propanol	2.381	239.465

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1173600
Injection date: 9/19/2017 12:33:34 PM	Vial: 17
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 GN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Sep17\17.D	

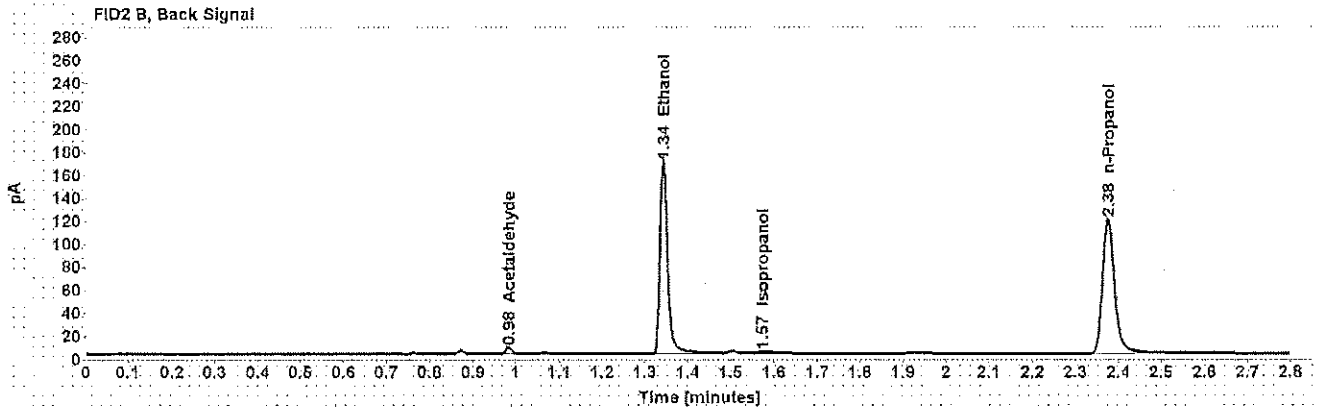
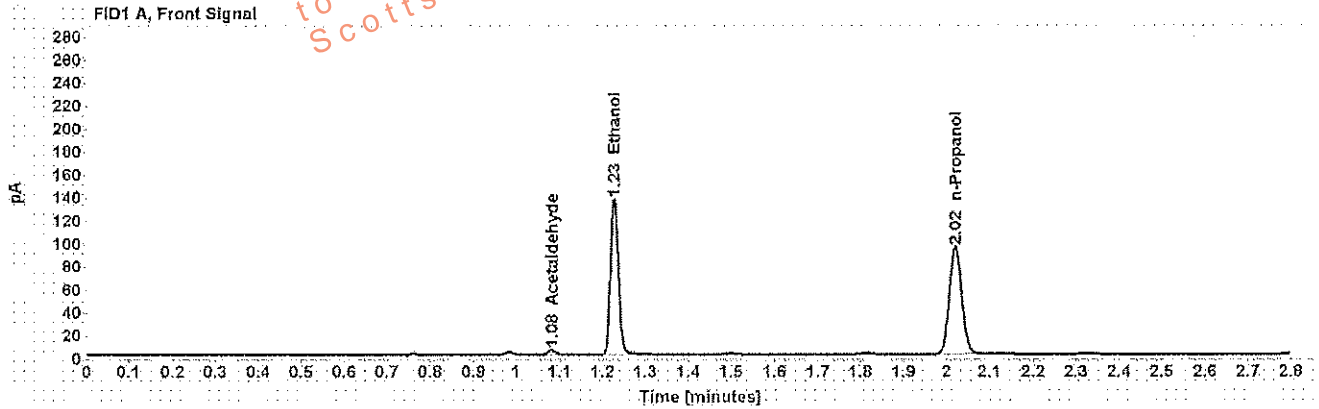


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.194
>Ethanol	0.2587	1.228	174.913
n-Propanol	-----	2.021	191.145

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.056
Ethanol	1.344	211.560
Isopropanol	1.573	4.164
n-Propanol	2.376	232.634

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 4174186
<b>Injection date:</b> 9/19/2017 12:37:32 PM	<b>Vial:</b> 18
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\19Sep17\18.D	

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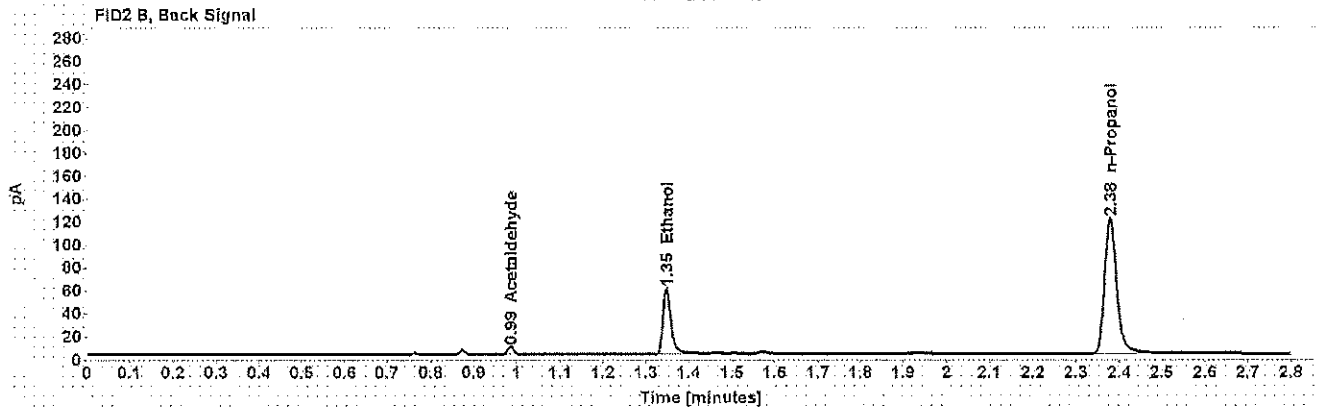
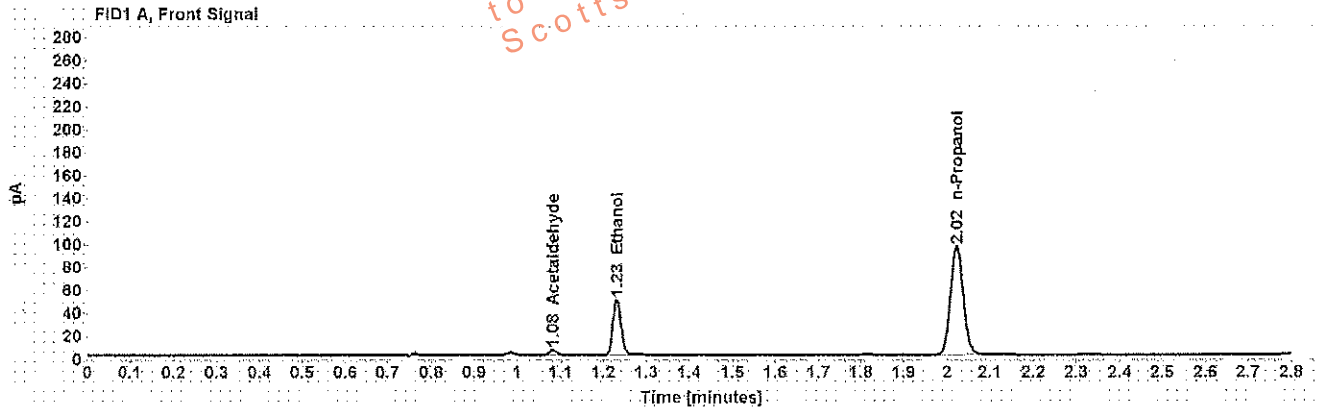


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	4.951
>Ethanol	0.0925	1.231	62.799
n-Propanol	-----	2.023	193.127

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	5.902
Ethanol	1.348	75.385
n-Propanol	2.379	234.035

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1174186
Injection date: 9/19/2017 12:41:47 PM	Vial: 19
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Sep17\19.D	

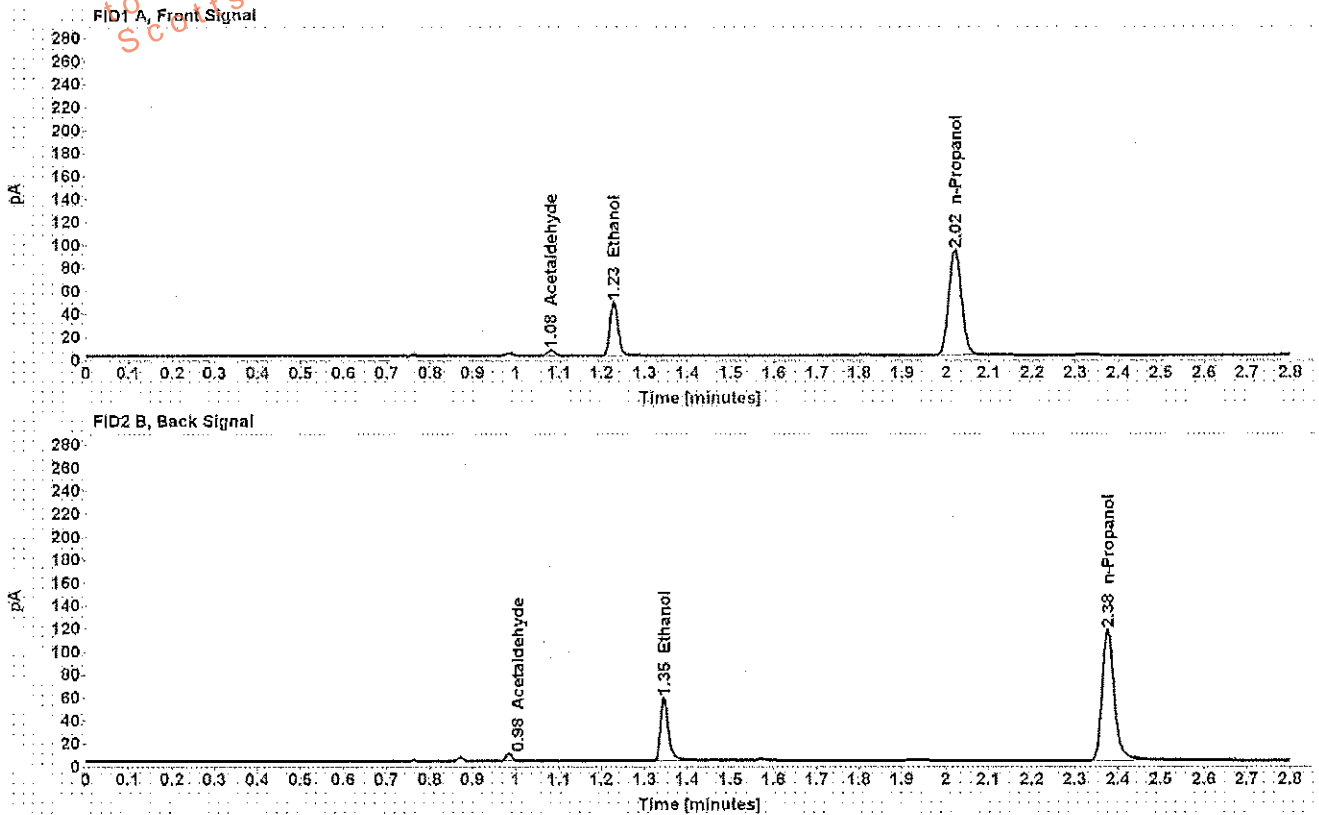


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.952
>Ethanol	0.0917	1.229	60.299
n-Propanol	-----	2.021	186.988

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.993
Ethanol	1.345	72.211
n-Propanol	2.376	226.611

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1173865
Injection date:	9/19/2017 12:49:48 PM	Vial:	21
Method:	ethanol quant.M	Sequence:	19Sep17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\19Sep17\21.D		

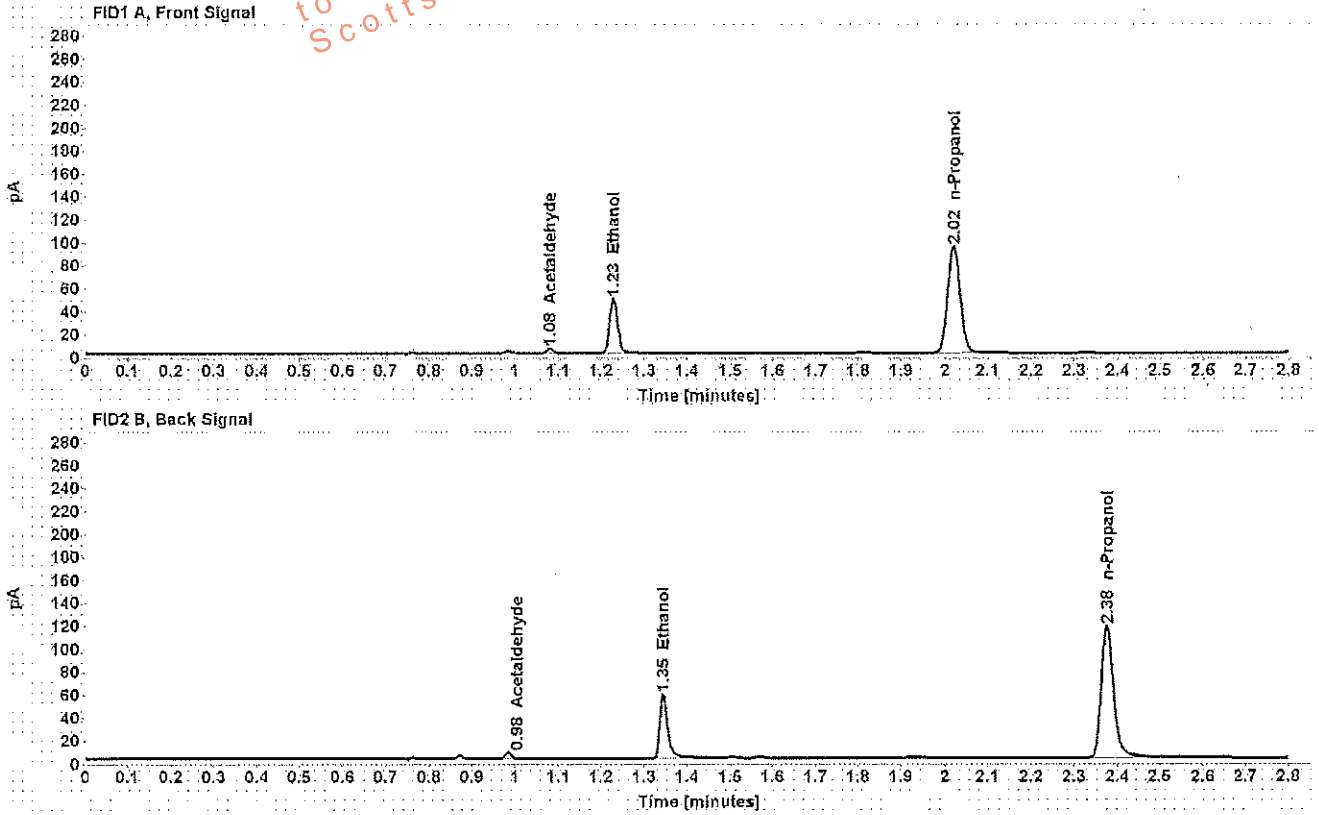


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	3.969
>Ethanol	0.0924	1.229	61.882
n-Propanol	-----	2.021	189.920

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.789
Ethanol	1.345	73.321
n-Propanol	2.376	228.504



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4173865
Injection date: 9/19/2017 12:53:47 PM	Vial: 22
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\19Sep17\22.D	

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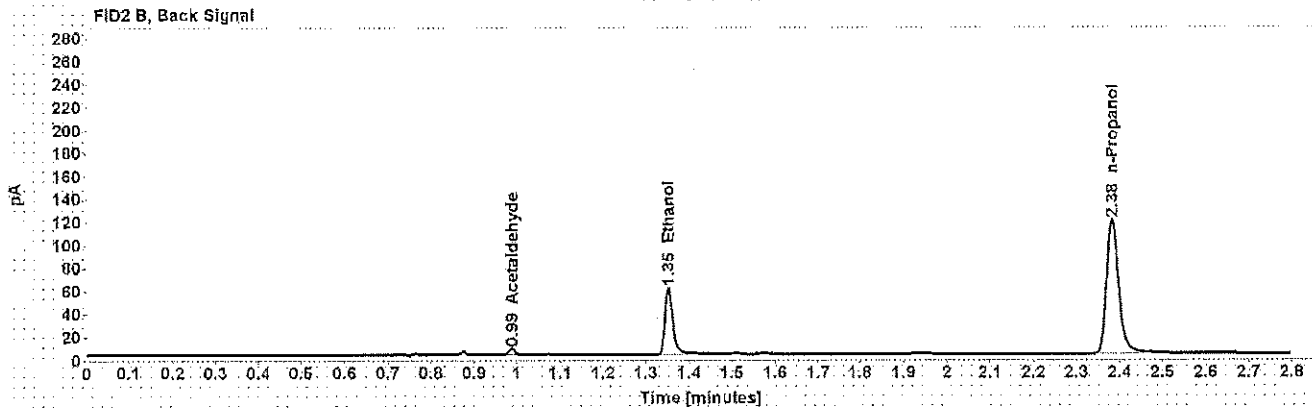
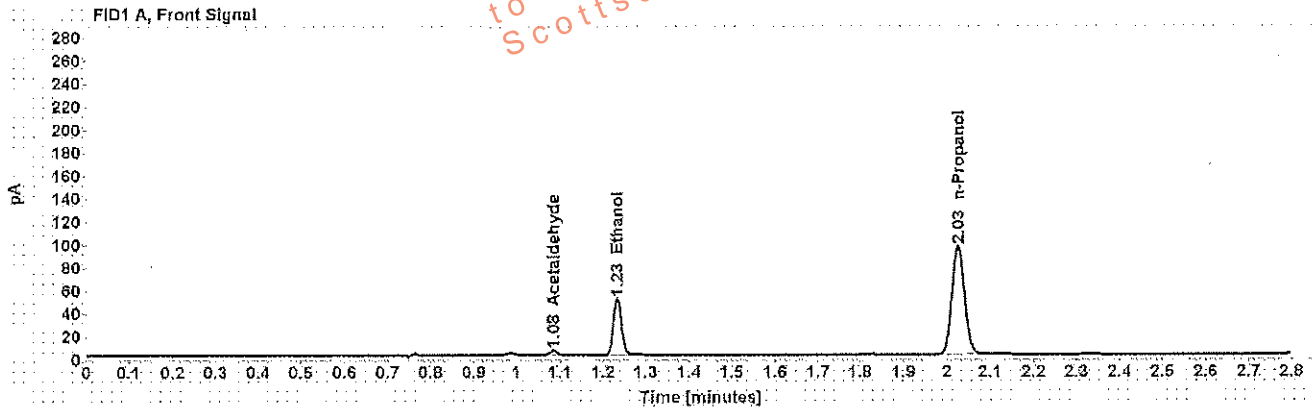


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.085	4.041
>Ethanol	0.0943	1.233	64.273
n-Propanol	-----	2.026	193.870

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	4.889
Ethanol	1.352	75.815
n-Propanol	2.383	232.867

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1170350
<b>Injection date:</b> 9/19/2017 12:57:47 PM	<b>Vial:</b> 23
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem3211\Data\19Sep17\23.D	

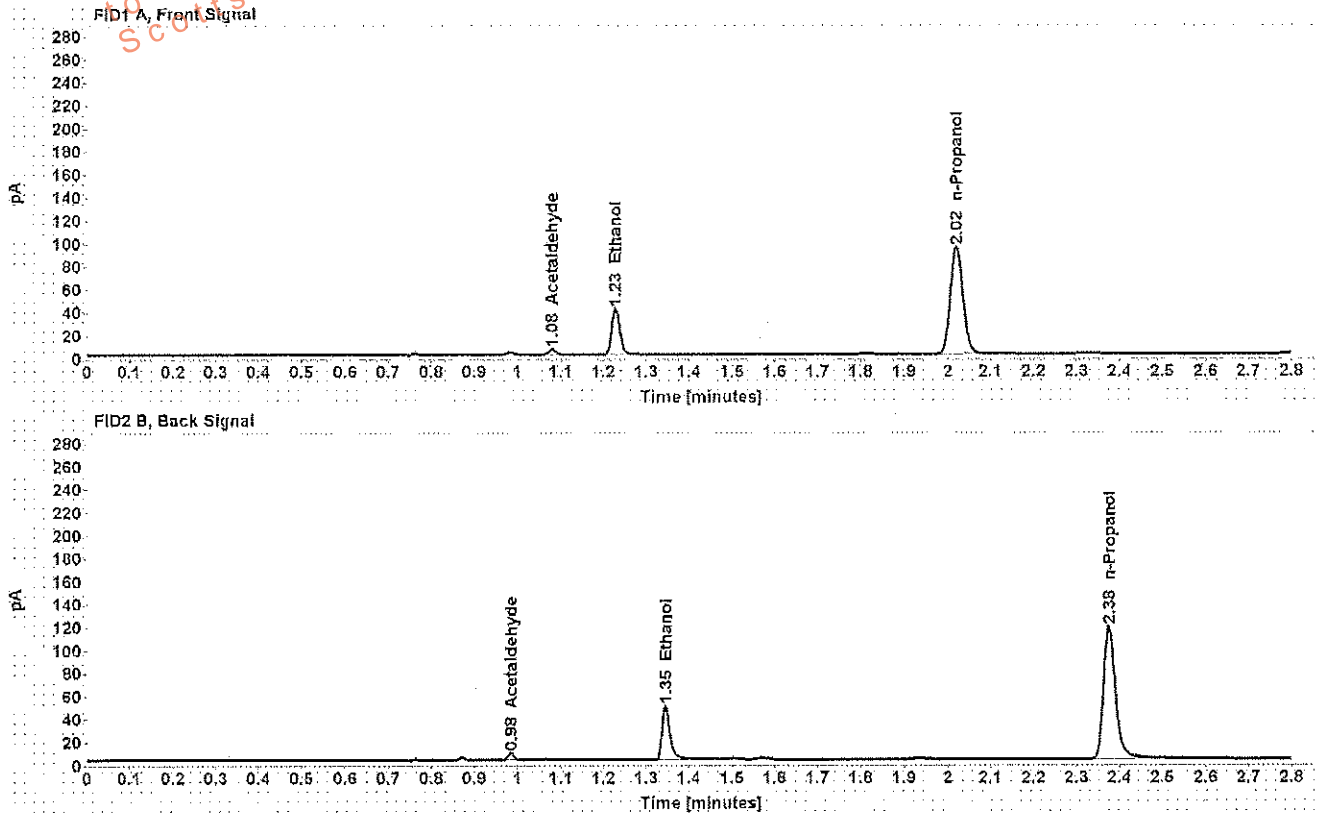


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.650
>Ethanol	0.0778	1.229	51.960
n-Propanol	-----	2.021	190.258

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.596
Ethanol	1.345	61.393
n-Propanol	2.376	229.293

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1170350
<b>Injection date:</b> 9/19/2017 1:01:47 PM	<b>Vial:</b> 24
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
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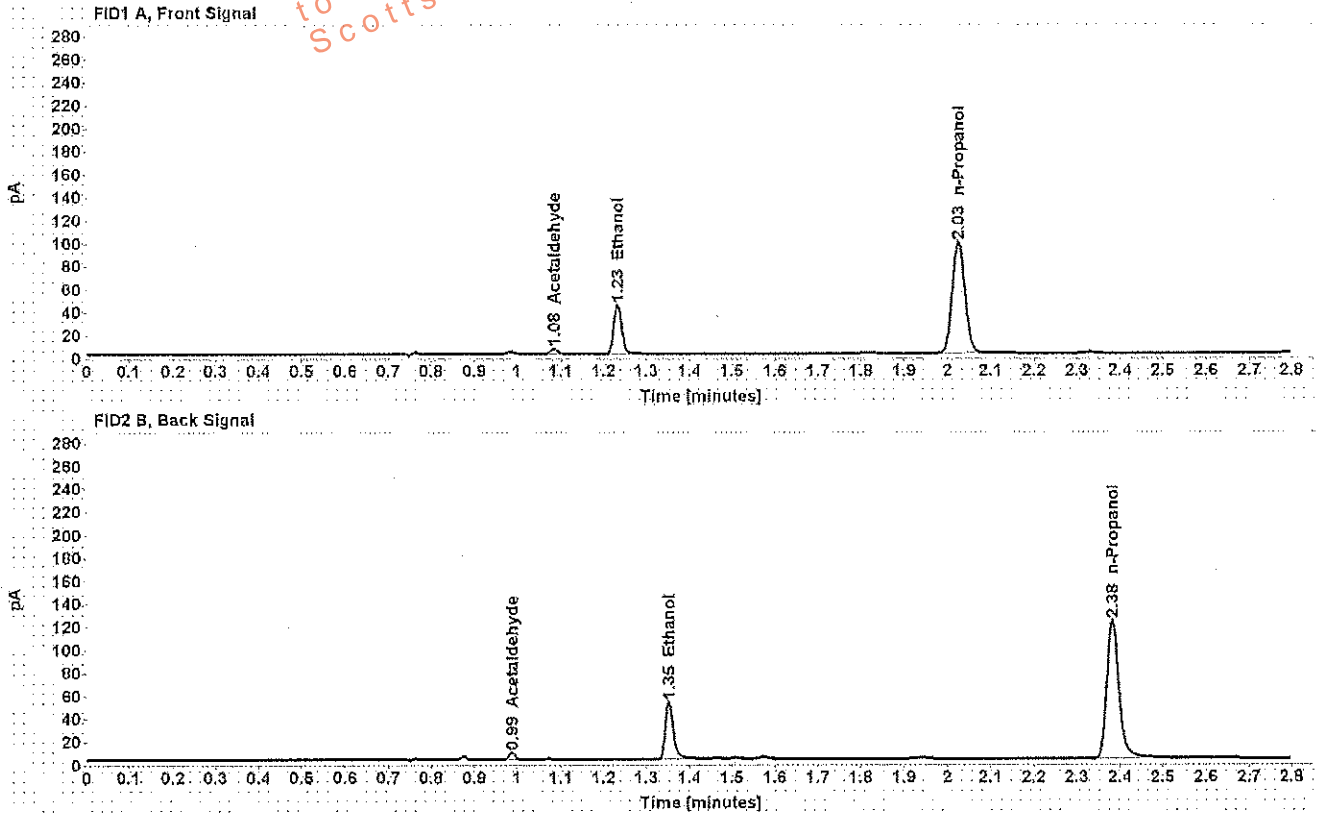


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.084	4.774
>Ethanol	0.0797	1.233	55.953
n-Propanol	-----	2.026	199.949

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	5.744
Ethanol	1.352	65.425
n-Propanol	2.382	239.673

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4170784
Injection date: 9/19/2017 1:06:02 PM	Vial: 25
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\19Sep17\25.D	

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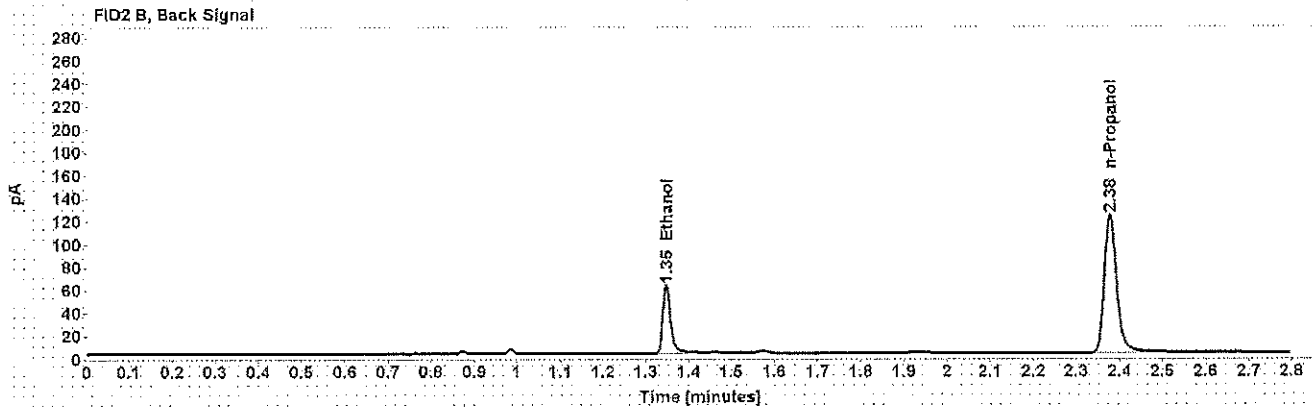
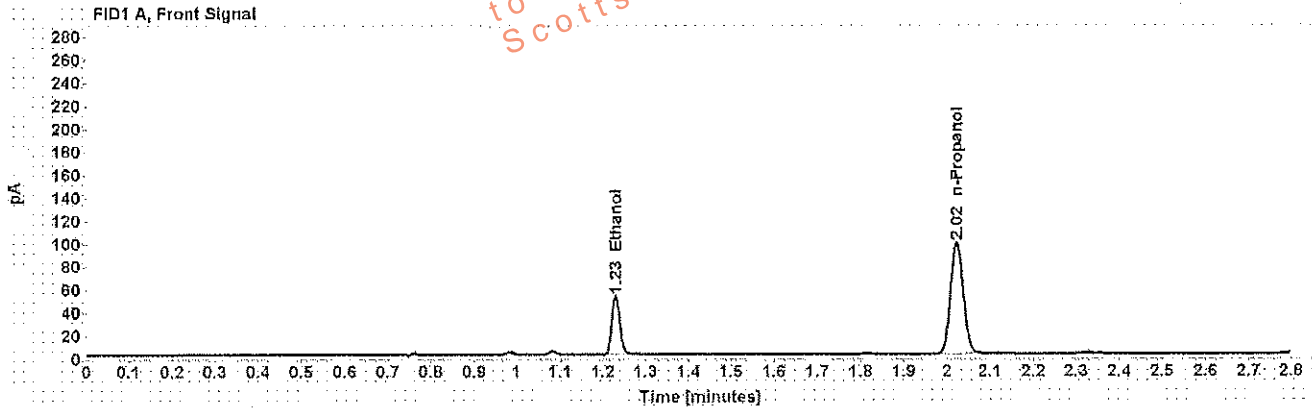


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0935	1.230	65.530
n-Propanol	-----	2.023	199.253

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

Compound	Time (min)	Peak Area
Ethanol	1.347	77.409
n-Propanol	2.378	240.212

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1170784
<b>Injection date:</b> 9/19/2017 1:10:03 PM	<b>Vial:</b> 26
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem3211\Data\19Sep17\26.D	

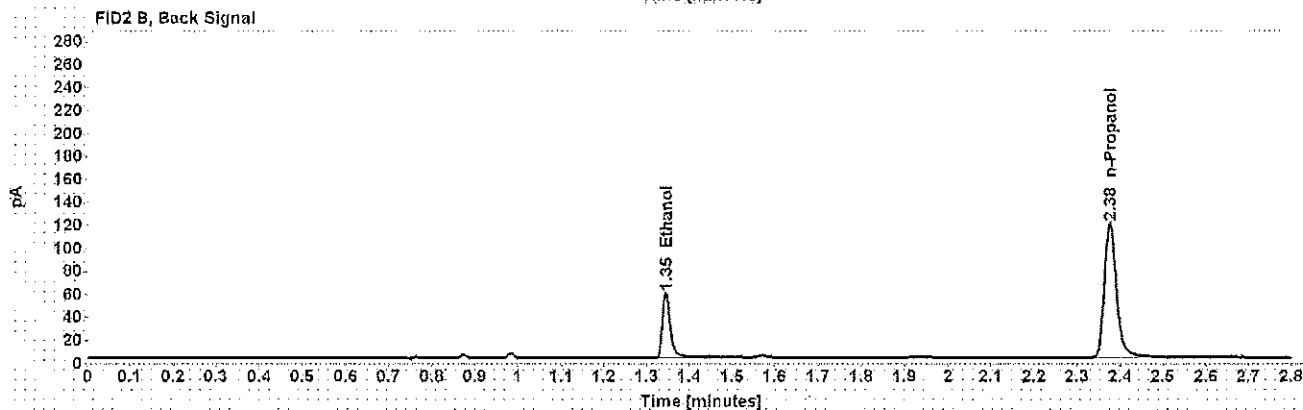
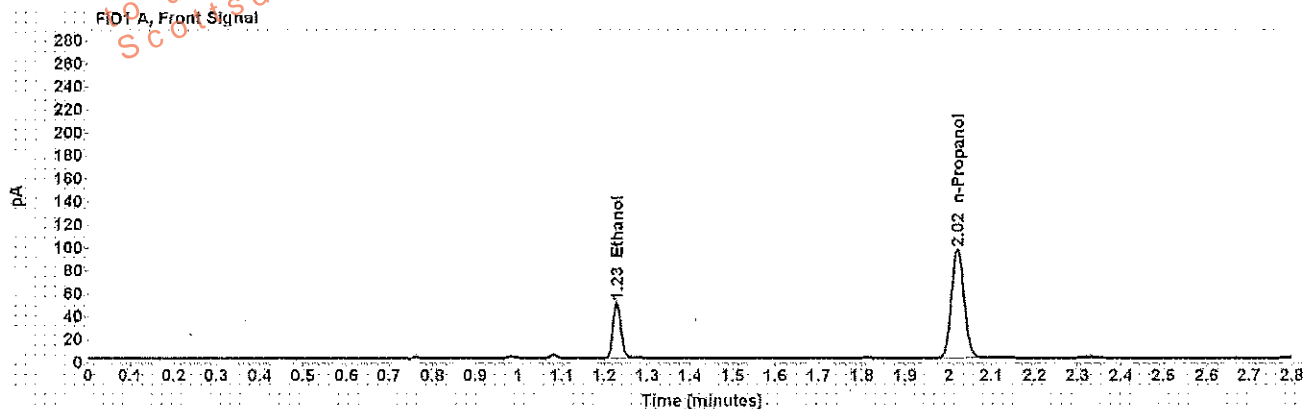


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0918	1.229	62.641
n-Propanol	-----	2.021	194.080

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

Compound	Time (min)	Peak Area
Ethanol	1.345	73.332
n-Propanol	2.376	232.664

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1171369
Injection date: 9/19/2017 1:14:02 PM	Vial: 27
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Sep17\27.D	

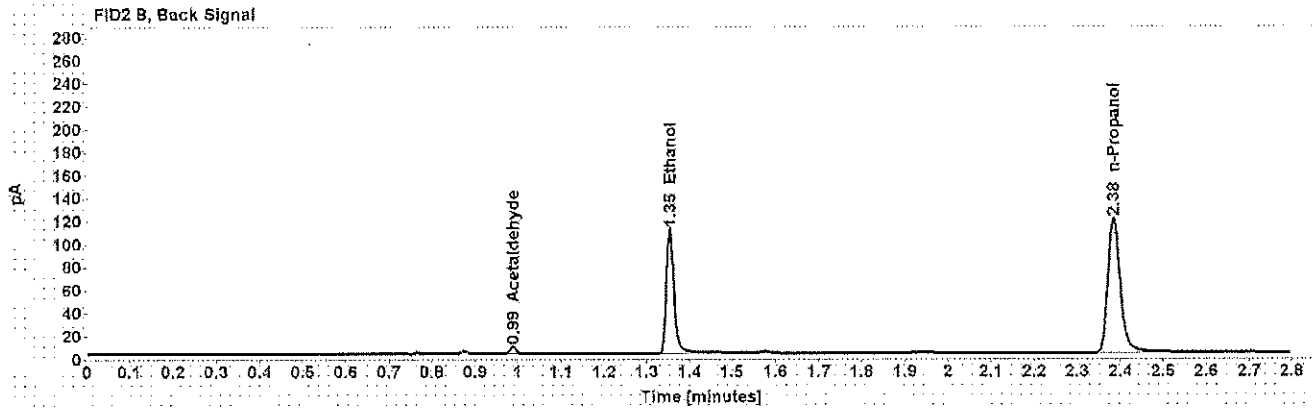
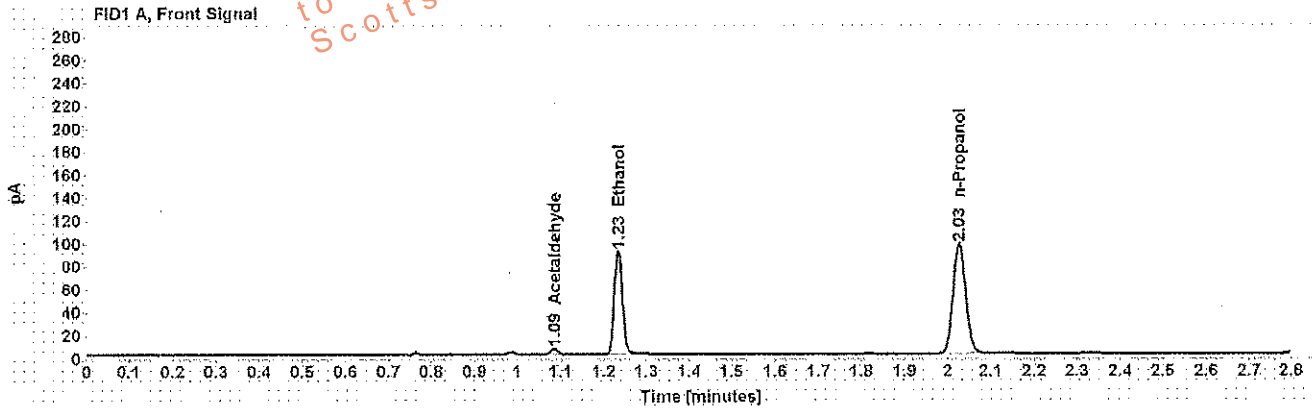


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.085	4.939
>Ethanol	0.1703	1.234	118.054
n-Propanol	-----	2.027	196.278

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.989	5.945
Ethanol	1.353	138.455
n-Propanol	2.384	234.398

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4171369
Injection date: 9/19/2017 1:18:02 PM	Vial: 28
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Sep17\28.D	

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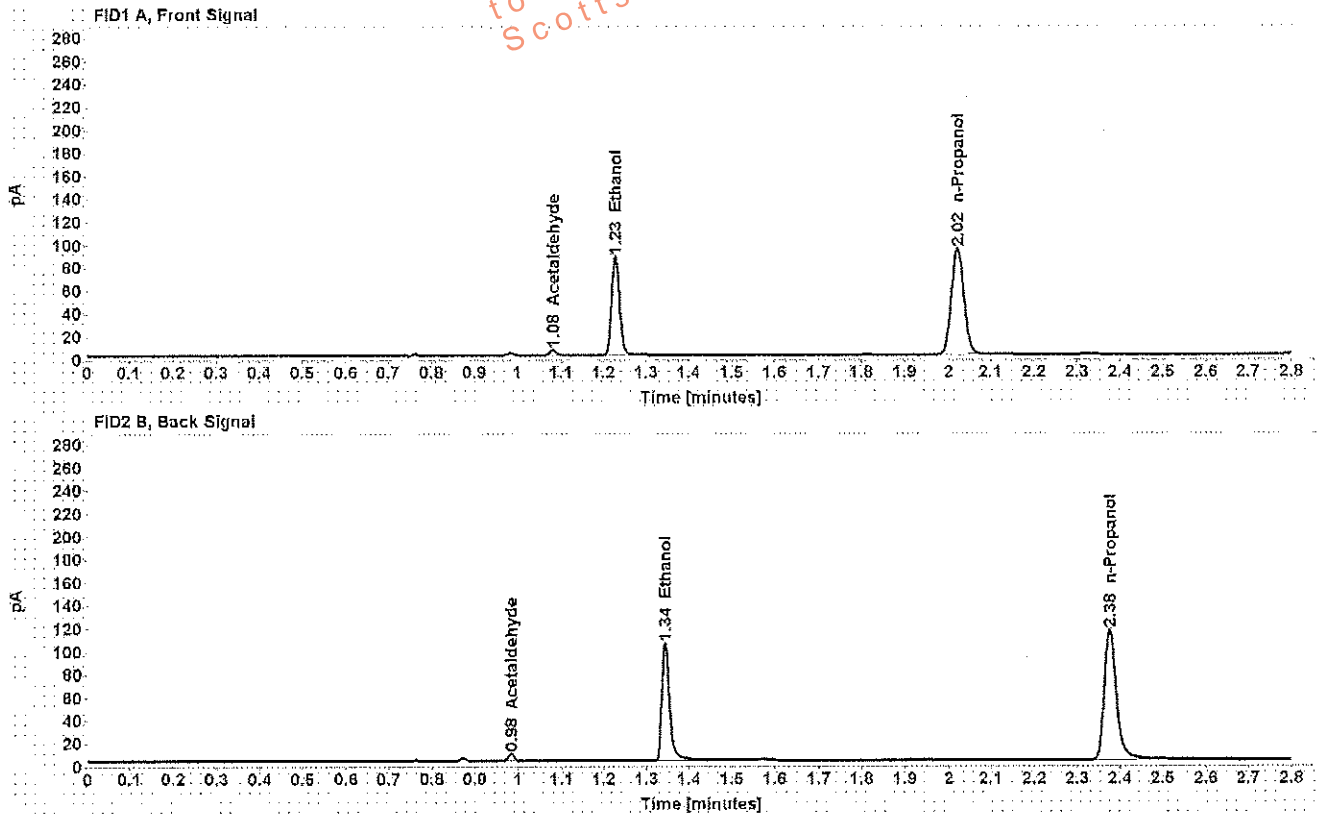


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.622
>Ethanol	0.1662	1.228	111.042
n-Propanol	-----	2.021	189.240

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.567
Ethanol	1.344	131.020
n-Propanol	2.376	226.922

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1170963
Injection date: 9/19/2017 1:22:02 PM	Vial: 29
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Sep17\29.D	

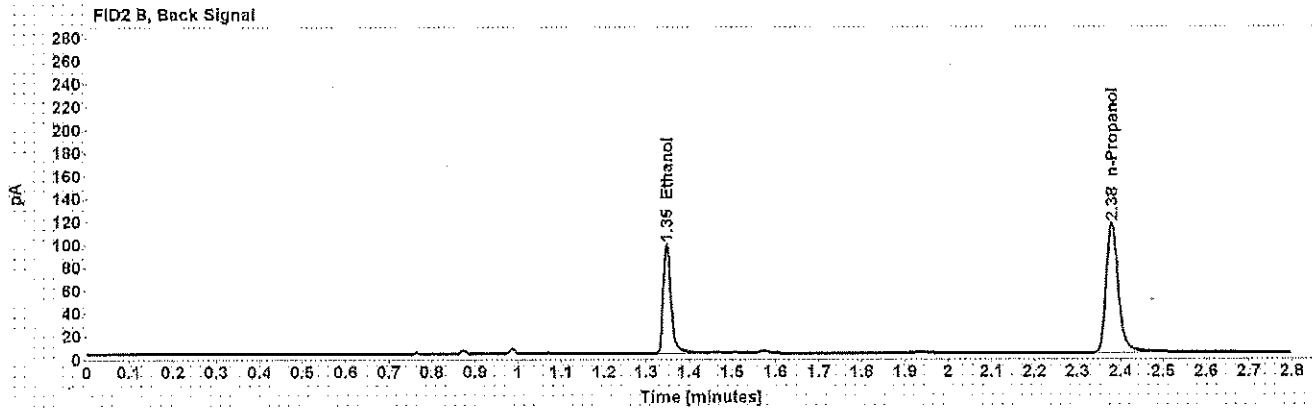
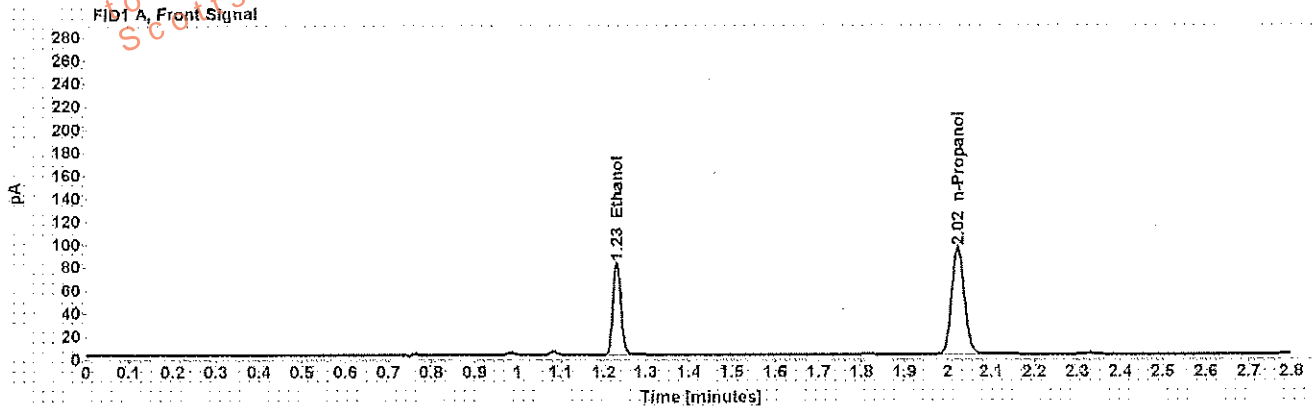


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1536	1.230	104.055
n-Propanol	-----	2.023	191.957

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

Compound	Time (min)	Peak Area
Ethanol	1.348	121.859
n-Propanol	2.379	226.102



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1170963
Injection date: 9/19/2017 1:26:02 PM	Vial: 30
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Sep17\30.D	

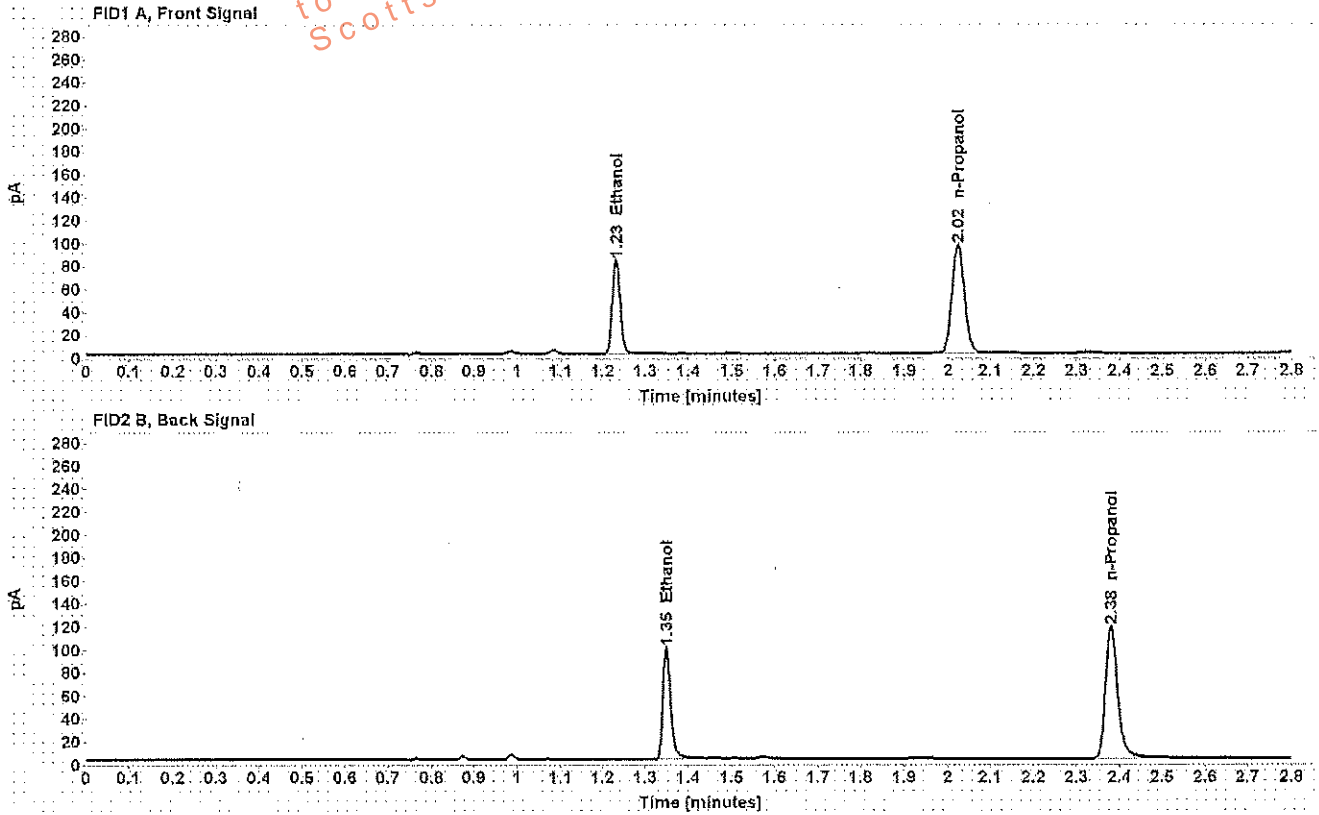


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1544	1.232	105.963
n-Propanol	-----	2.025	194.440

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

Compound	Time (min)	Peak Area
Ethanol	1.350	123.883
n-Propanol	2.381	229.348

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4173266
Injection date: 9/19/2017 1:34:17 PM	Vial: 32
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\19Sep17\32.D	

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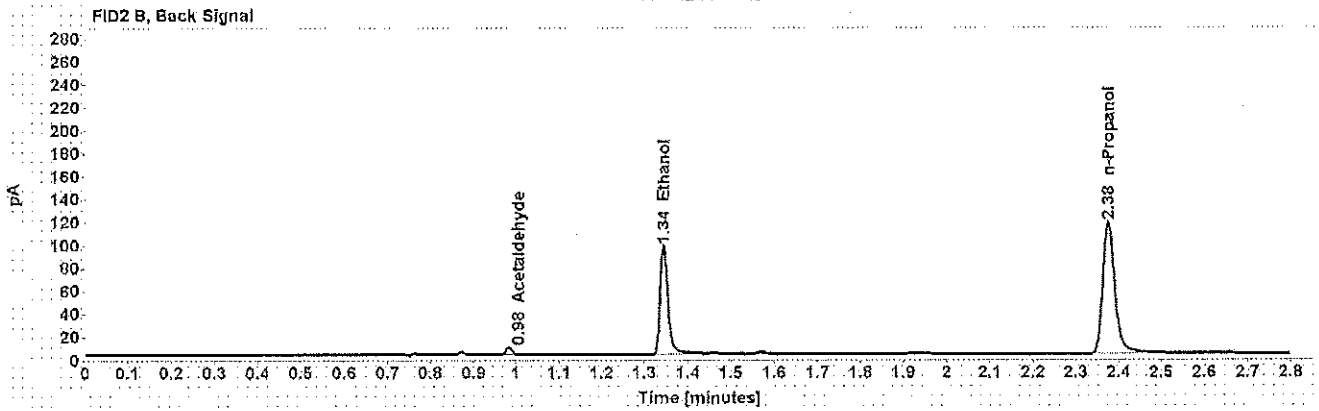
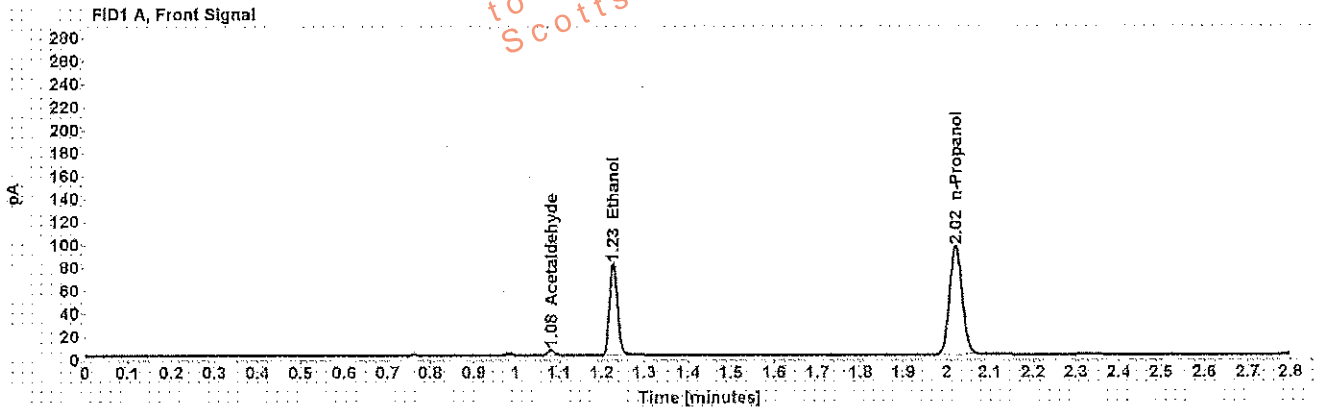


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.861
>Ethanol	0.1513	1.228	103.071
n-Propanol	-----	2.021	193.018

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.843
Ethanol	1.344	120.642
n-Propanol	2.375	229.497

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1173266
Injection date: 9/19/2017 1:38:17 PM	Vial: 33
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Sep17\33.D	

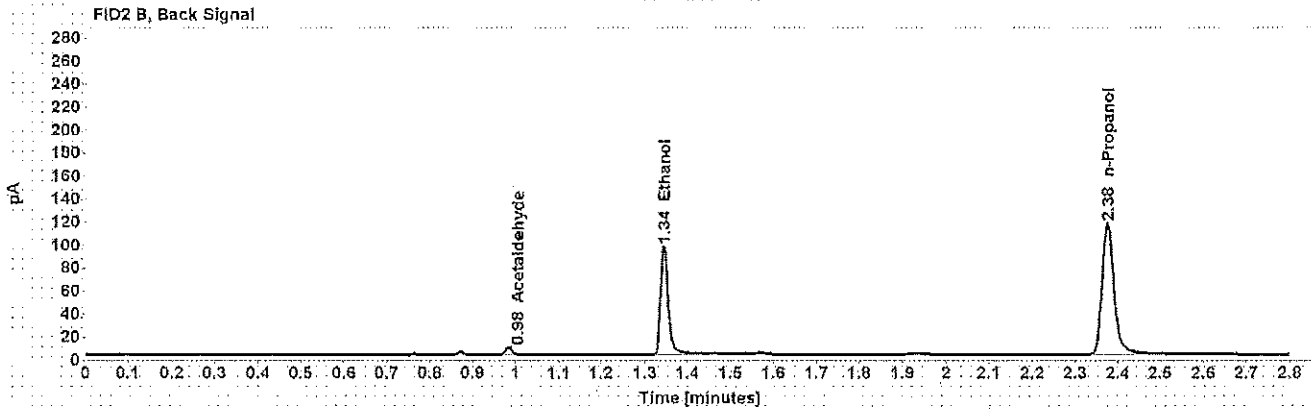
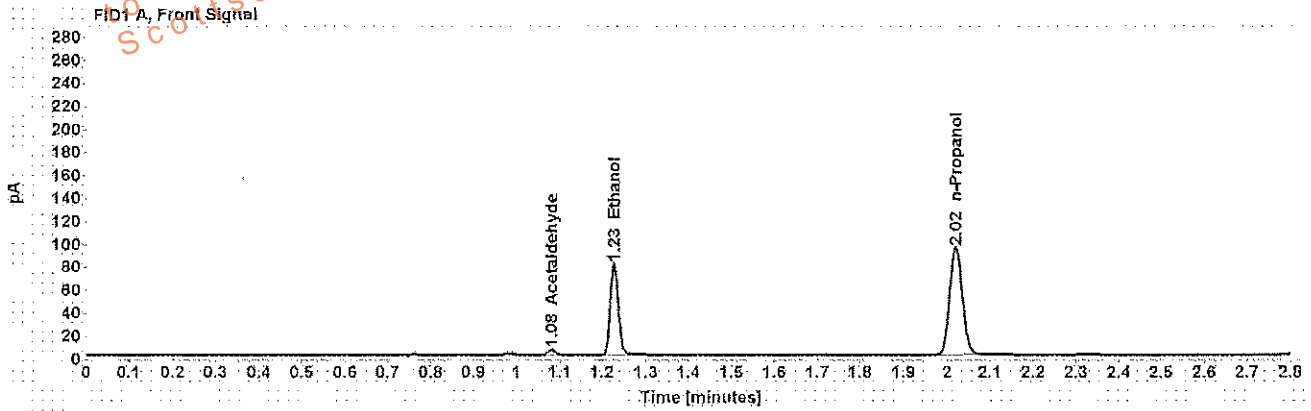


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.857
>Ethanol	0.1518	1.228	102.718
n-Propanol	-----	2.021	191.685

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.822
Ethanol	1.344	120.121
n-Propanol	2.376	227.874

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1170960
Injection date: 9/19/2017 1:42:18 PM	Vial: 34
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Sep17\34.D	

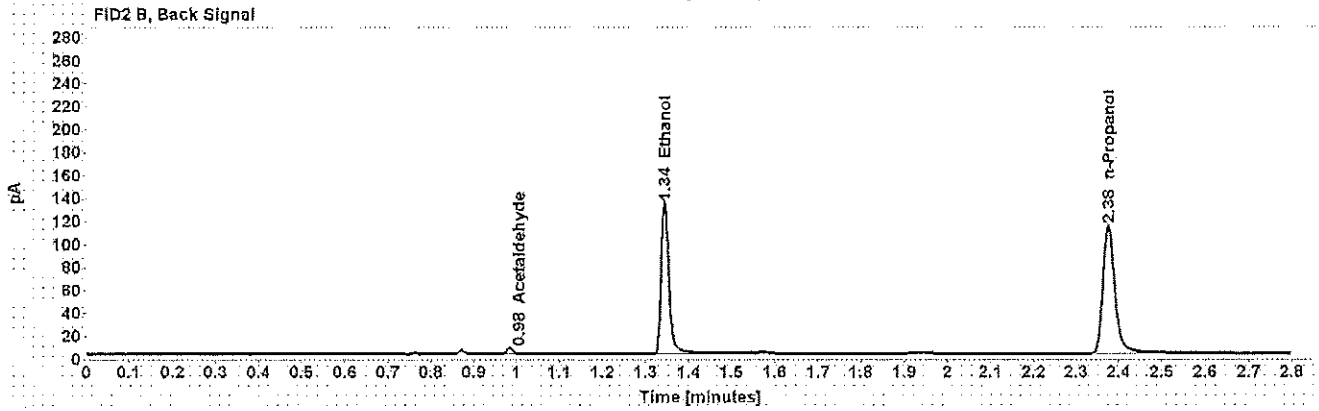
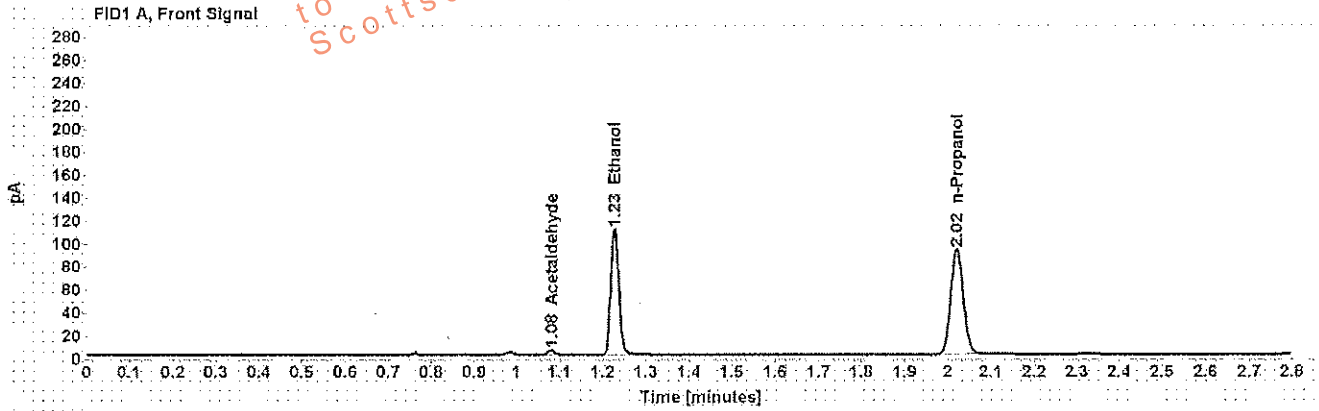


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	3.912
>Ethanol	0.2131	1.228	141.263
n-Propanol	-----	2.021	187.526

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.722
Ethanol	1.344	165.580
n-Propanol	2.376	223.099

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1170960
Injection date: 9/19/2017 1:46:17 PM	Vial: 35
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Sep17\35.D	

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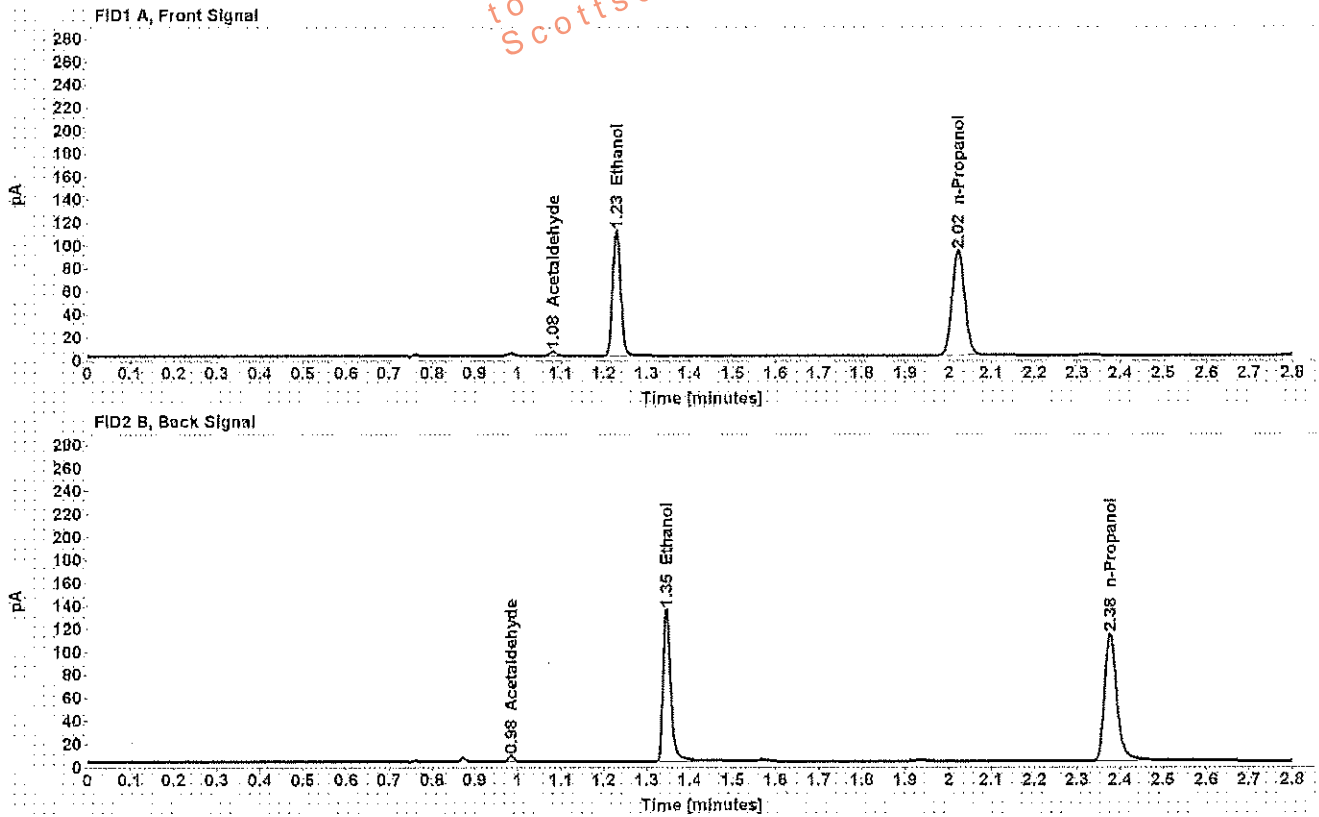


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	3.928
>Ethanol	0.2150	1.229	142.174
n-Propanol	-----	2.023	187.095

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	4.685
Ethanol	1.346	166.216
n-Propanol	2.378	221.905

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1170256
Injection date: 9/19/2017 1:50:17 PM	Vial: 36
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
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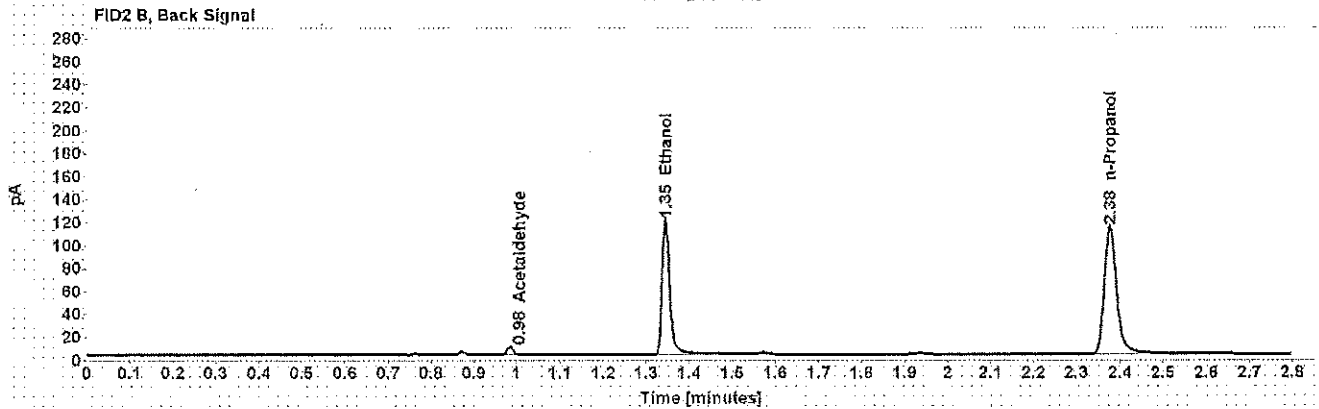
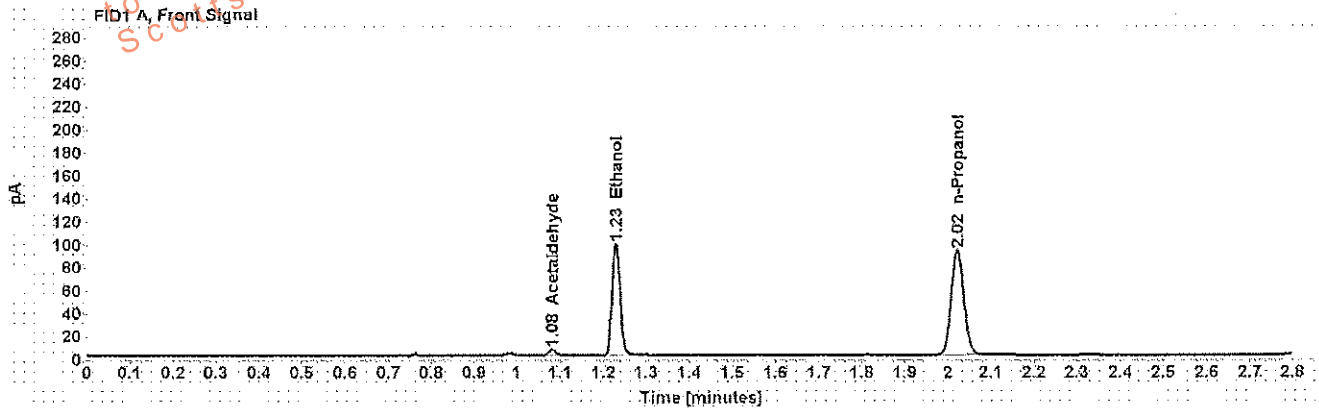


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	5.295
>Ethanol	0.1916	1.229	126.551
n-Propanol	-----	2.022	186.896

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	6.345
Ethanol	1.345	148.031
n-Propanol	2.377	221.854

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1170256
Injection date: 9/19/2017 1:54:32 PM	Vial: 37
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Sep17\37.D	

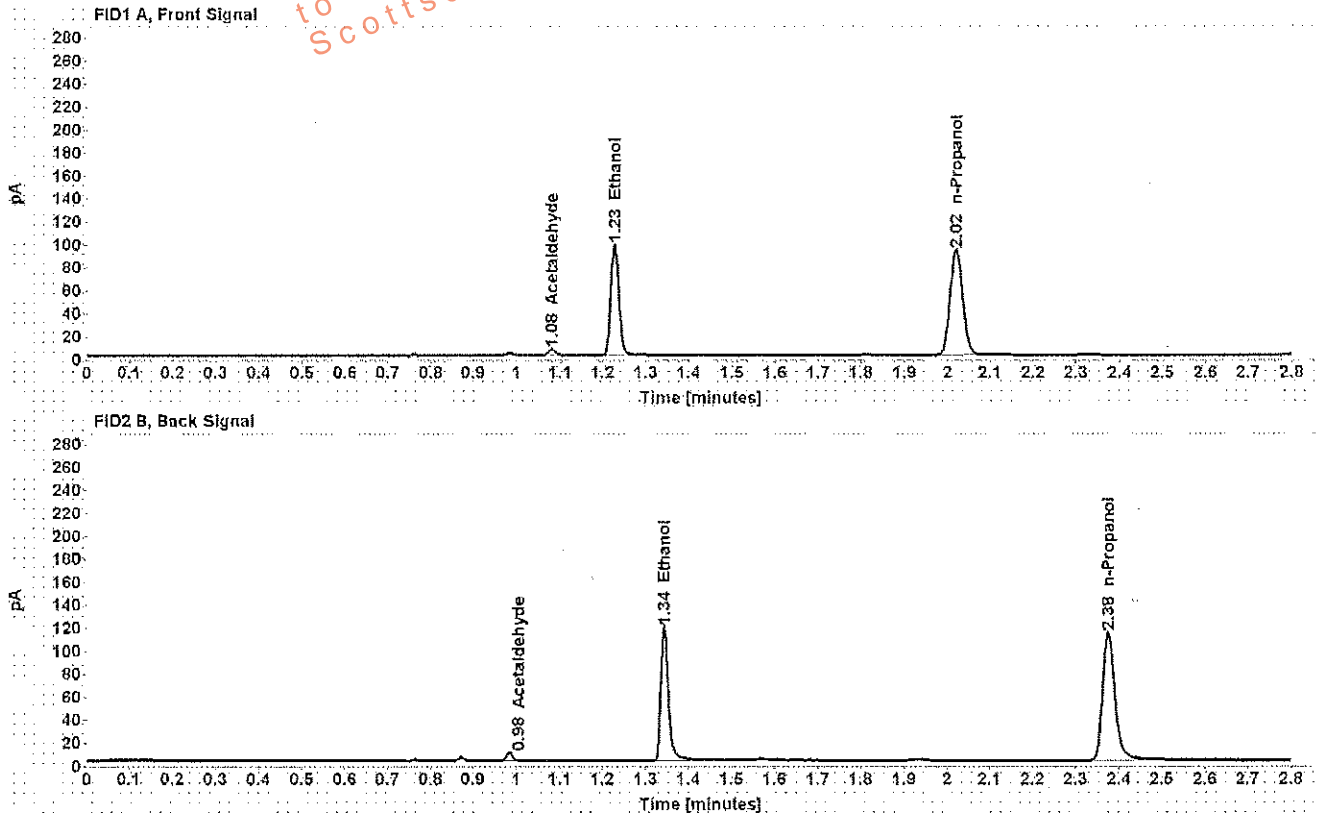


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.367
>Ethanol	0.1888	1.228	124.805
n-Propanol	-----	2.021	187.111

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.432
Ethanol	1.344	145.938
n-Propanol	2.375	222.111

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1170354
Injection date: 9/19/2017 1:58:32 PM	Vial: 38
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
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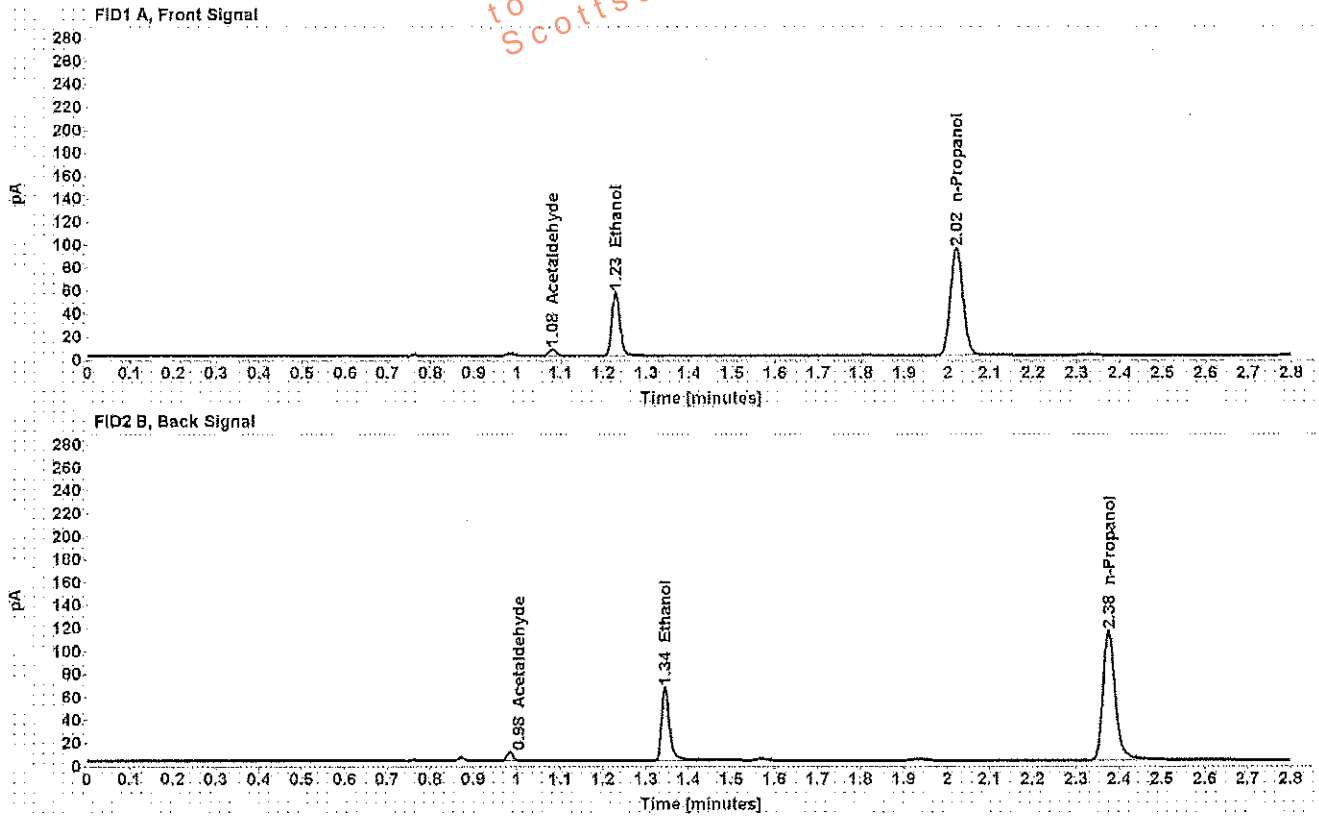


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.701
>Ethanol	0.1060	1.228	70.934
n-Propanol	-----	2.021	190.156

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.859
Ethanol	1.344	82.900
n-Propanol	2.376	225.602



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1170354
Injection date: 9/19/2017 2:02:33 PM	Vial: 39
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Sep17\39.D	

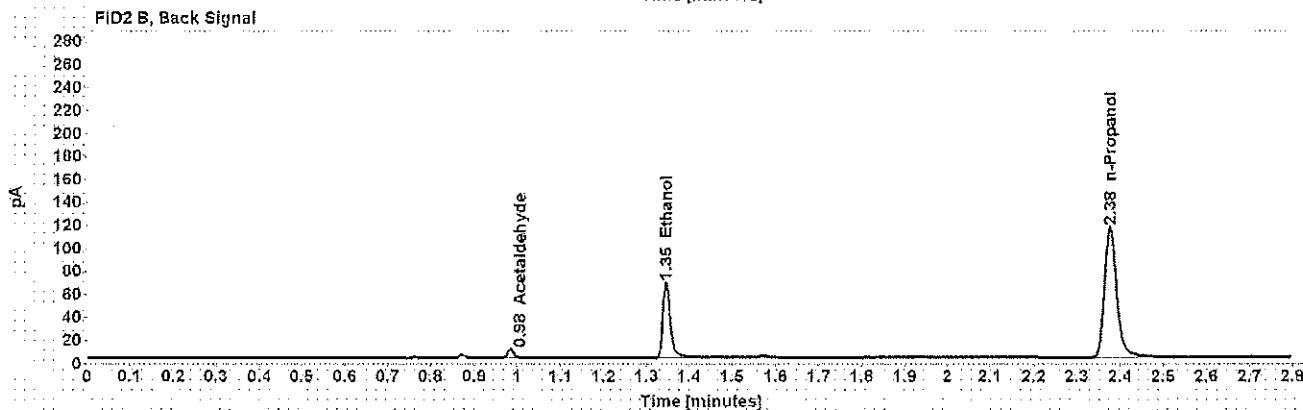
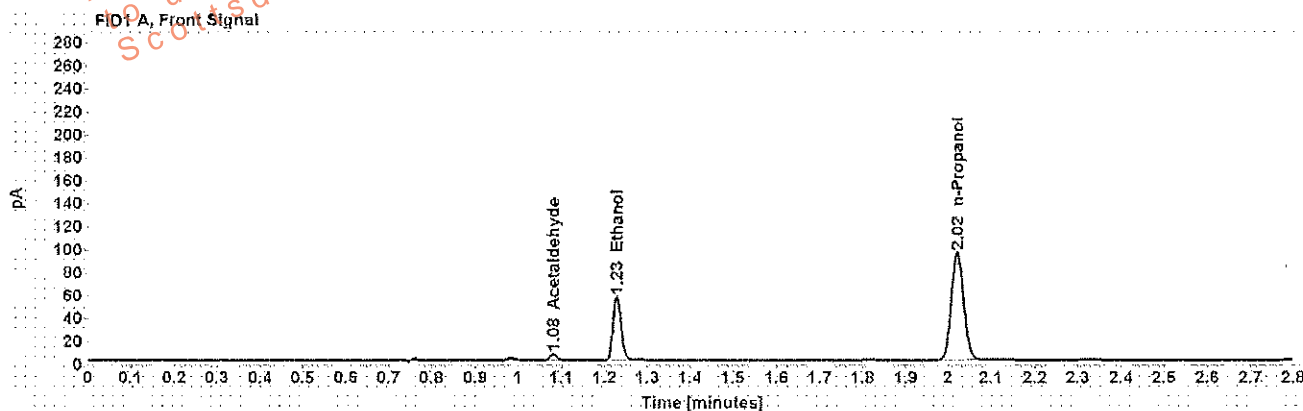


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	5.710
>Ethanol	0.1068	1.229	72.065
n-Propanol	-----	2.022	191.605

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.890
Ethanol	1.346	84.138
n-Propanol	2.377	226.467

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1170346
Injection date: 9/19/2017 2:06:33 PM	Vial: 40
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Sep17\40.D	

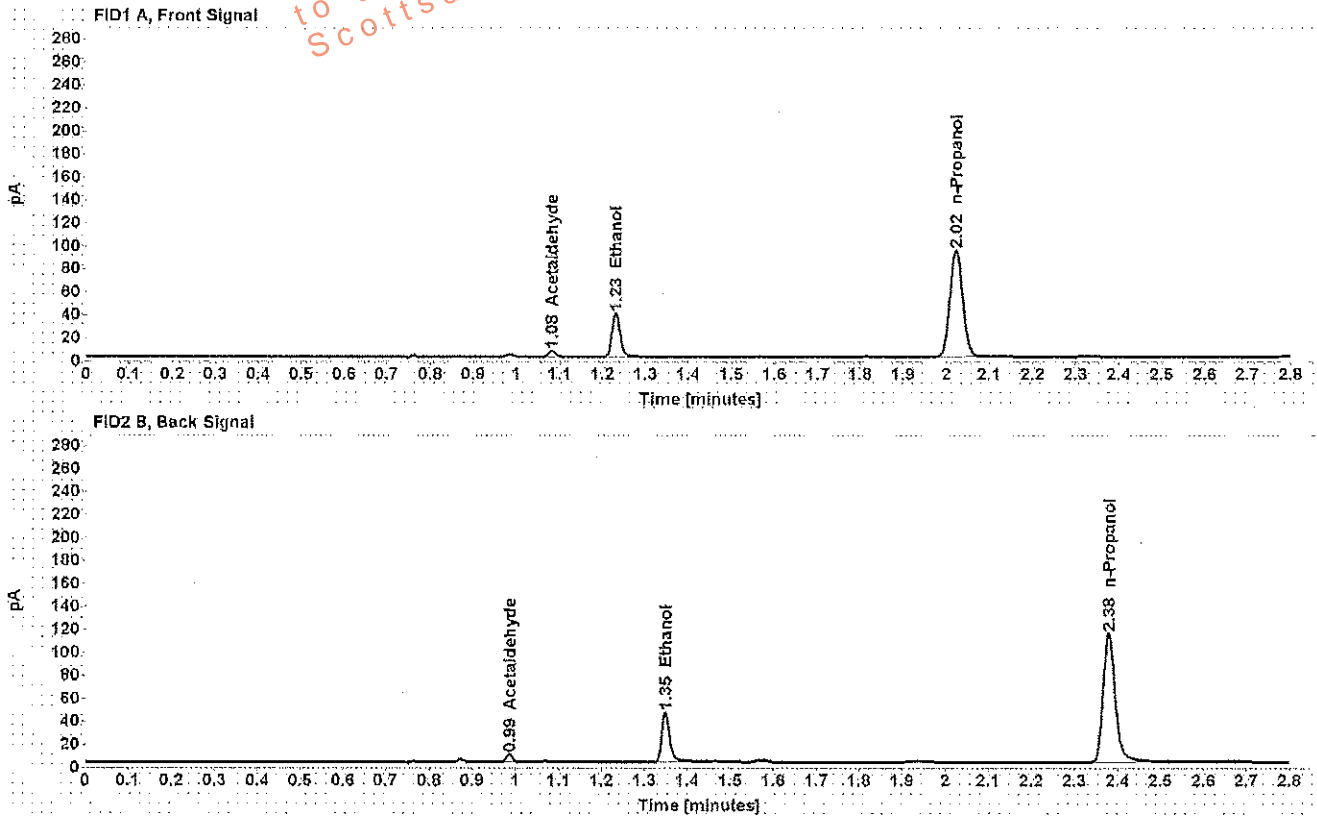


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5,118
>Ethanol	0.0733	1.231	49,043
n-Propanol	-----	2.023	190,647

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	6,089
Ethanol	1.348	55,208
n-Propanol	2.379	224,712

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1170346
Injection date: 9/19/2017 2:10:32 PM	Vial: 41
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Sep17\41.D	

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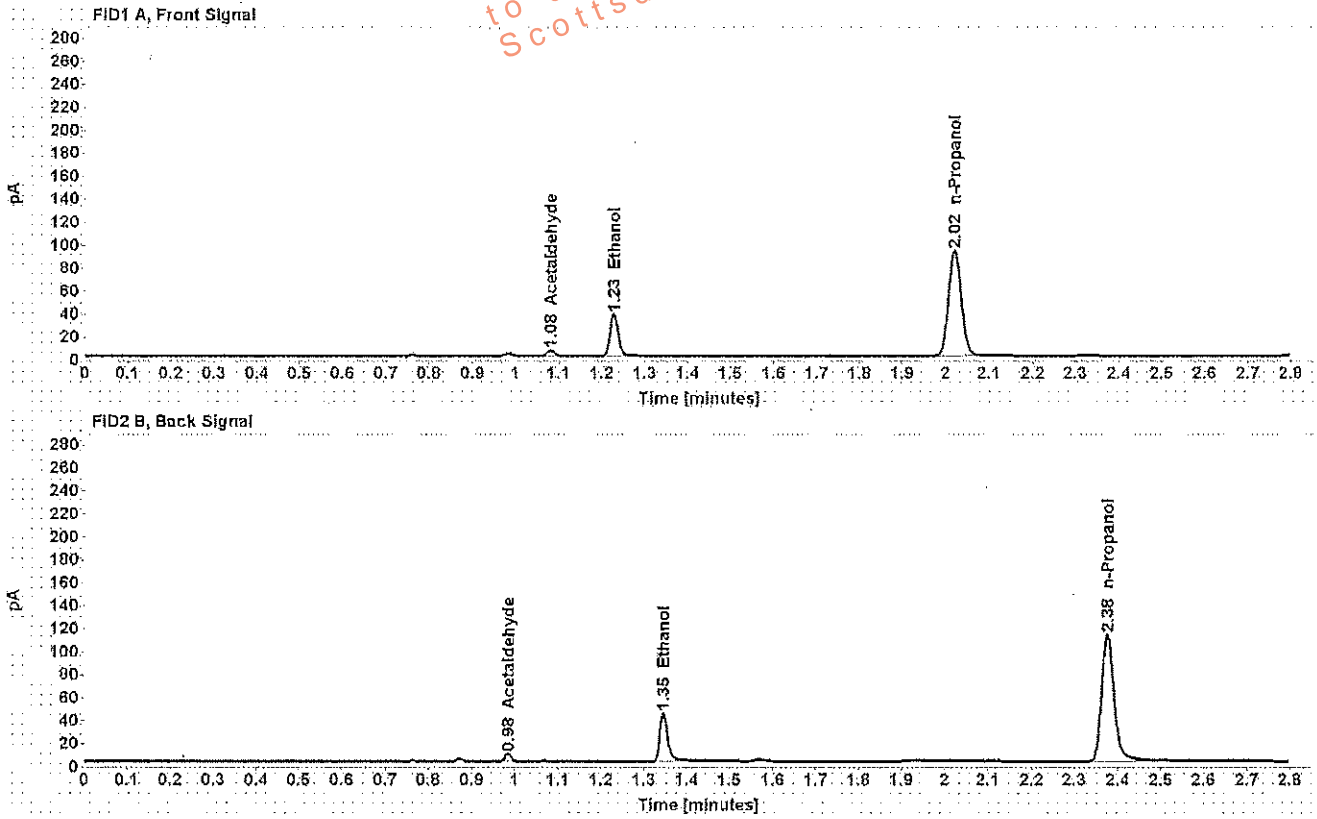


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.112
>Ethanol	0.0717	1.229	47.234
n-Propanol	-----	2.021	187.959

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.163
Ethanol	1.345	53.129
n-Propanol	2.376	221.530

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 150-01A
<b>Injection date:</b> 9/19/2017 2:18:47 PM	<b>Vial:</b> 43
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
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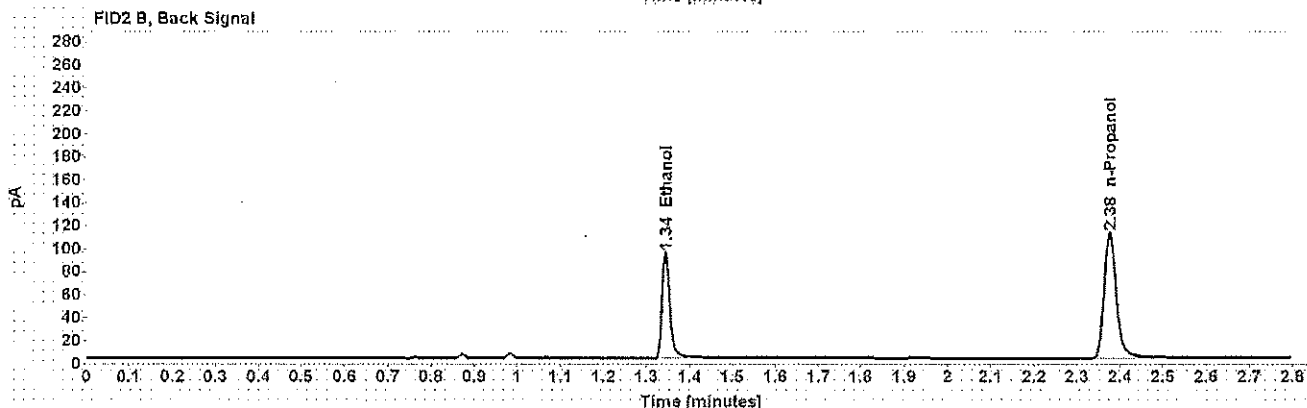
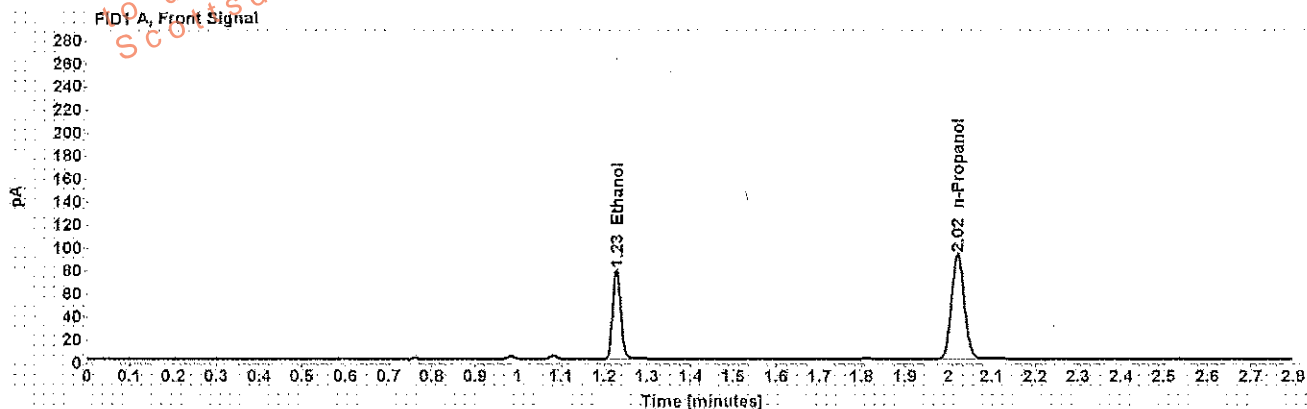


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1526	1.228	100.668
n-Propanol	-----	2.021	186.910

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

Compound	Time (min)	Peak Area
Ethanol	1.344	115.171
n-Propanol	2.376	218.969

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 150-01A
Injection date: 9/19/2017 2:22:47 PM	Vial: 44
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
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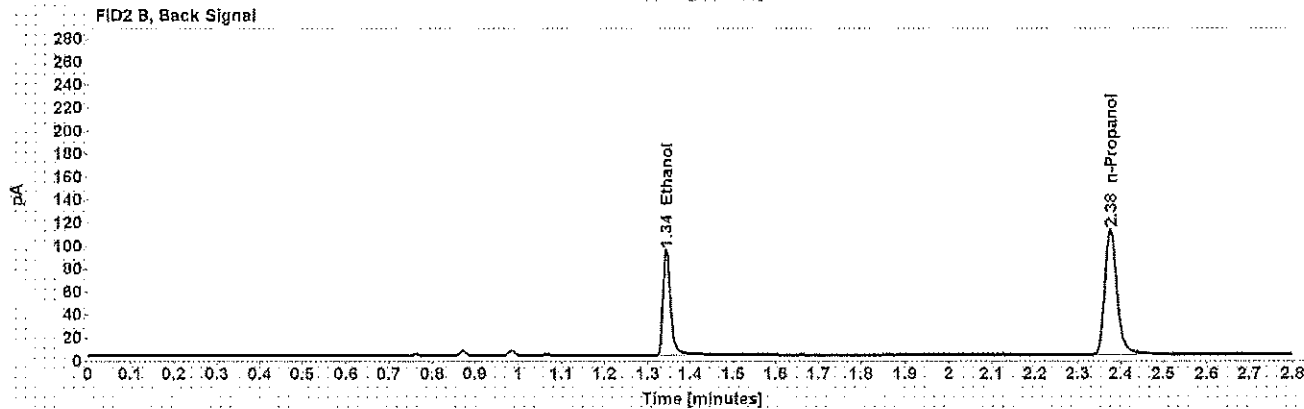
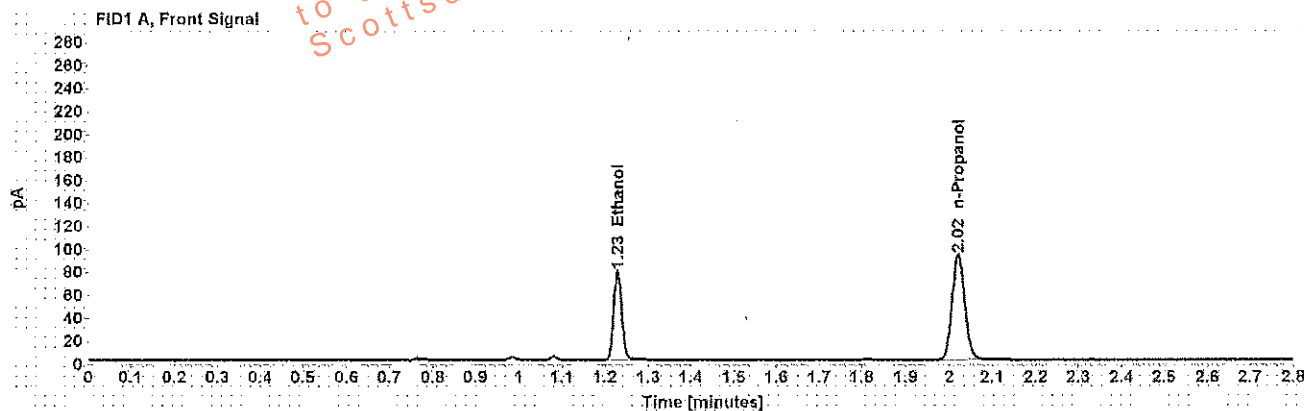


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1515	1.228	100.102
n-Propanol	-----	2.021	187.214

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

Compound	Time (min)	Peak Area
Ethanol	1.344	116.735
n-Propanol	2.376	218.909

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: Z2-01A
Injection date: 9/19/2017 2:26:48 PM	Vial: 45
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Sep17\45.D	

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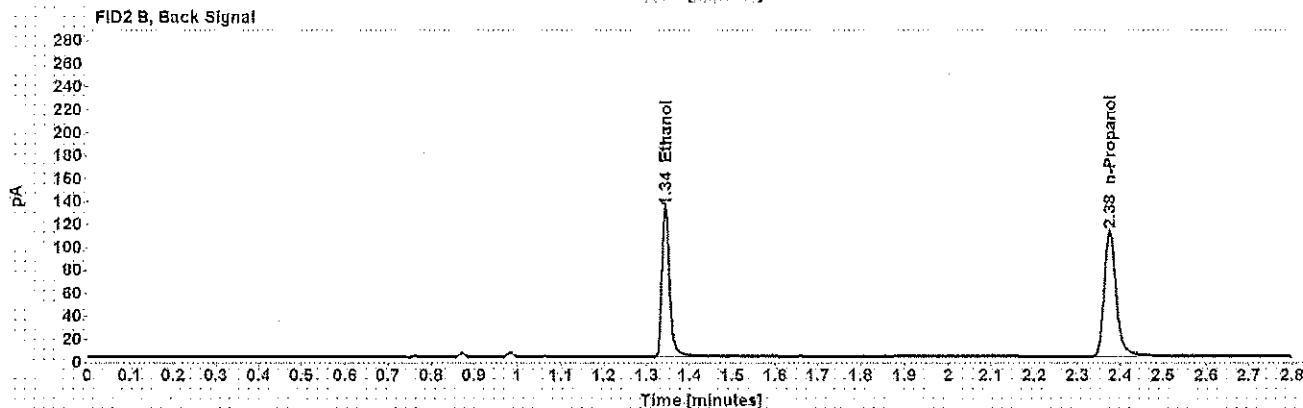
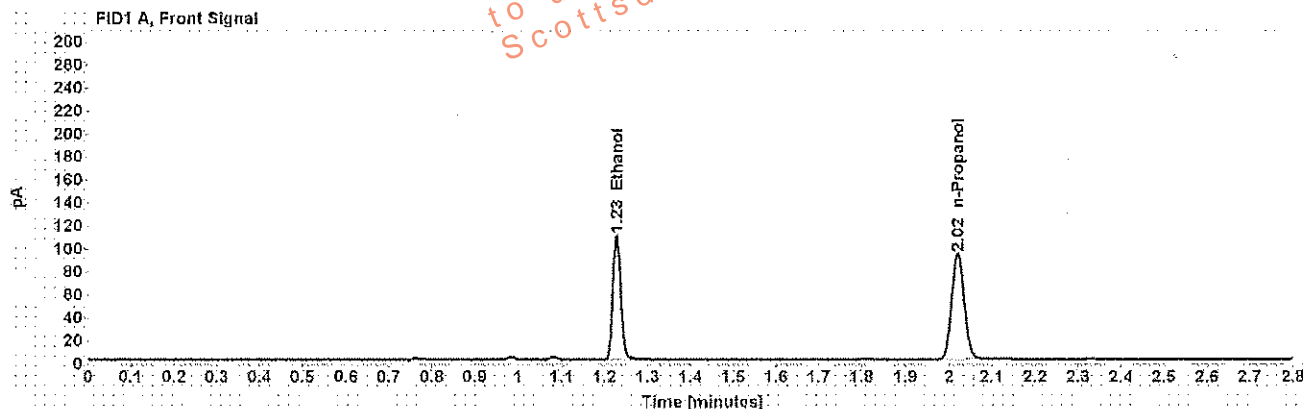


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2105	1.228	139.990
n-Propanol	-----	2.021	188.157

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

Compound	Time (min)	Peak Area
Ethanol	1.344	163.216
n-Propanol	2.375	219.722

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 72-01A
Injection date: 9/19/2017 2:30:48 PM	Vial: 46
Method: ethanol quant.M	Sequence: 19Sep17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\19Sep17\46.D	

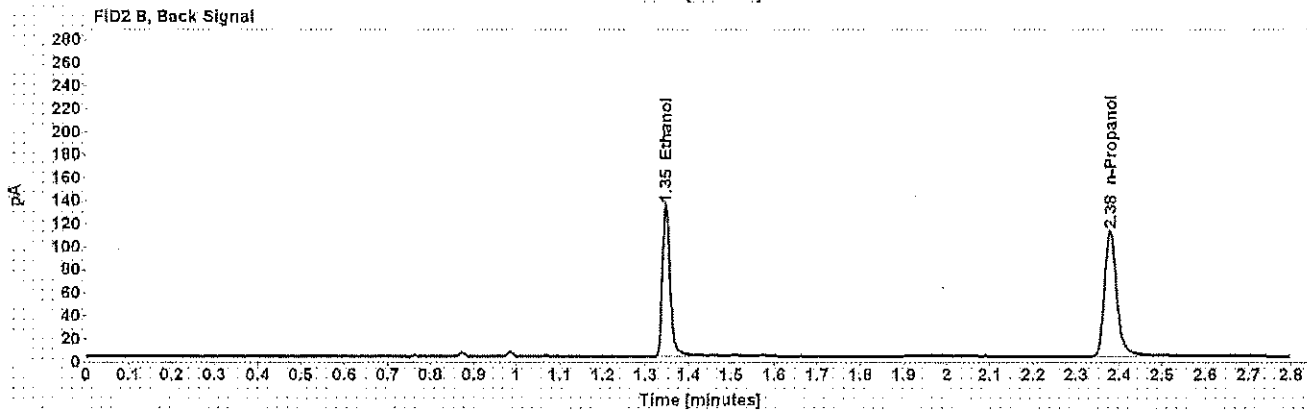
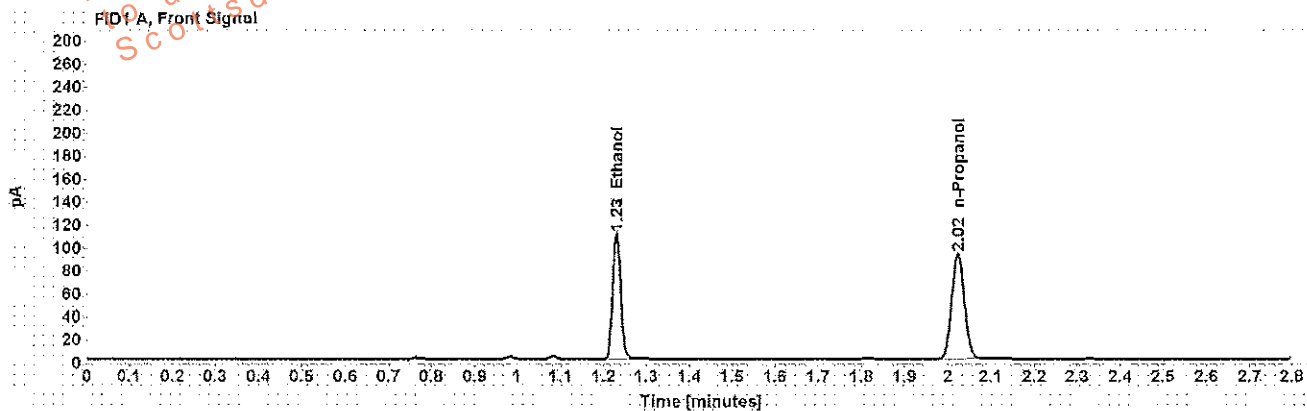


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2138	1.230	141.783
n-Propanol	-----	2.023	187.602

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

Compound	Time (min)	Peak Area
Ethanol	1.347	165.286
n-Propanol	2.379	218.670

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 323-01A
<b>Injection date:</b> 9/19/2017 2:34:47 PM	<b>Vial:</b> 47
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160046	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem3211\Data\19Sep17\47.D	

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 Scottsdale City Prosecutor's Office

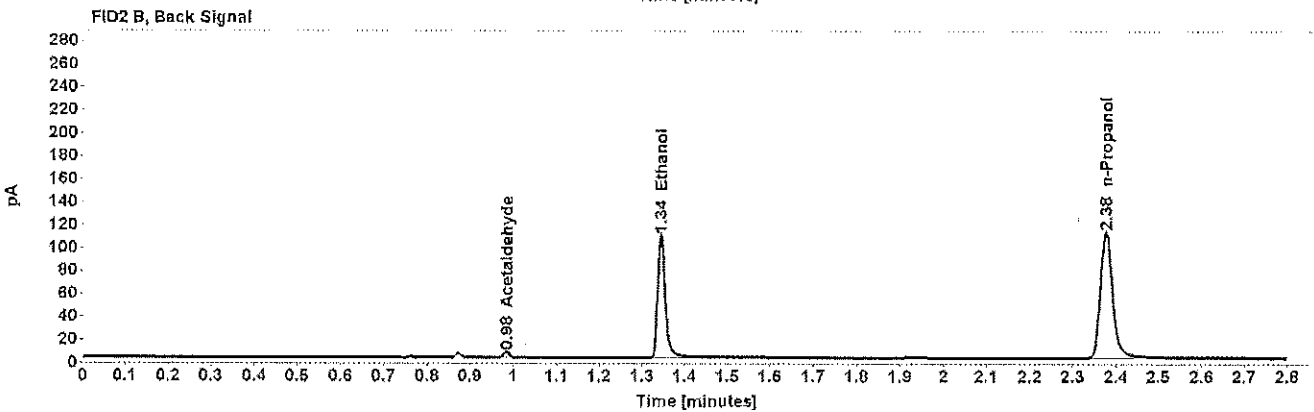
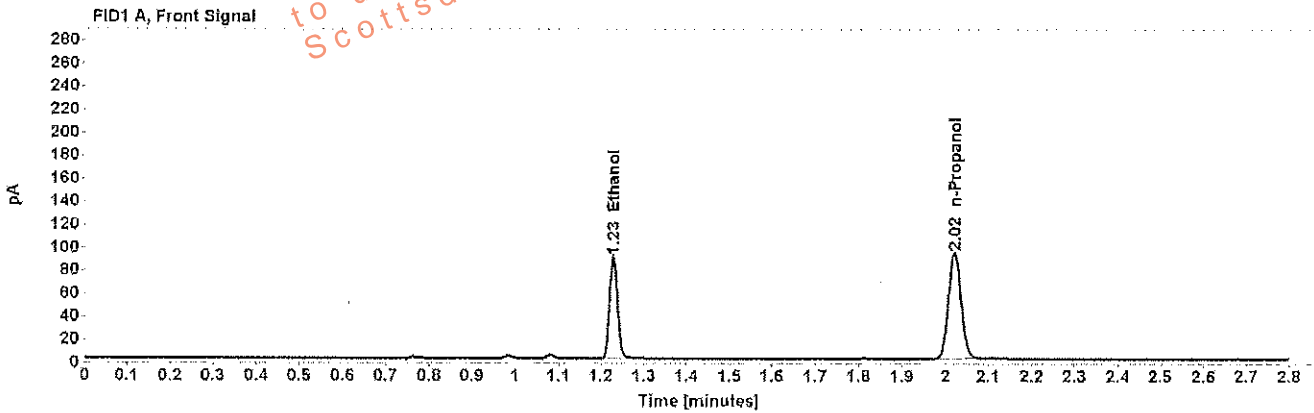


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1723	1.229	115.032
n-Propanol	-----	2.022	189.017

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	3.955
Ethanol	1.345	134.063
n-Propanol	2.376	219.803



## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 323-01A
<b>Injection date:</b> 9/19/2017 2:38:48 PM	<b>Vial:</b> 48
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 19Sep17
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\19Sep17\48.D	

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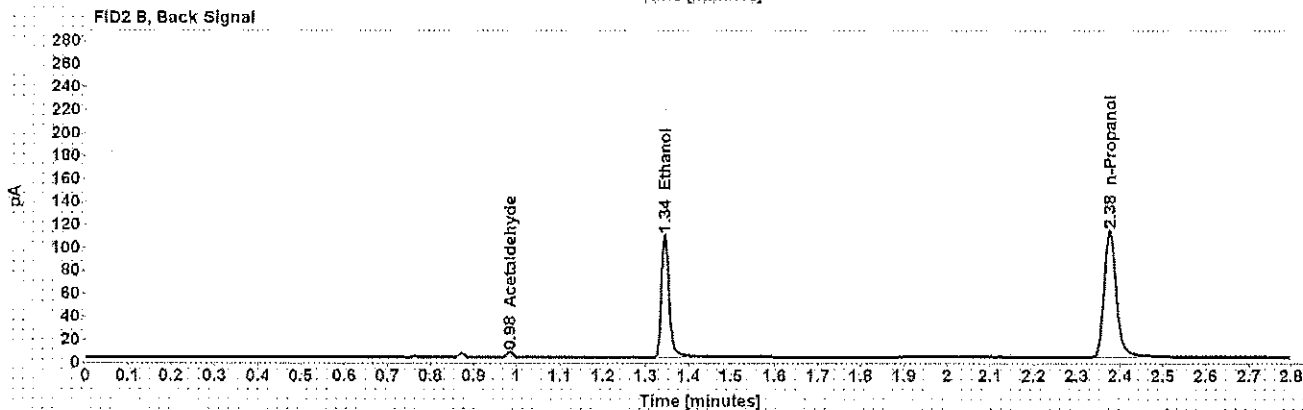
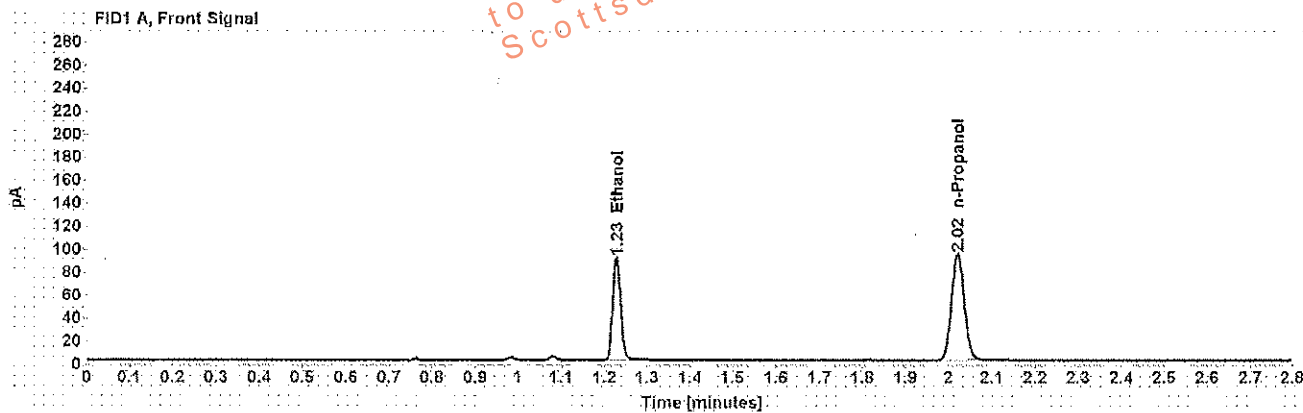


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1719	1.228	115.328
n-Propanol	-----	2.021	190.011

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	3.979
Ethanol	1.344	132.143
n-Propanol	2.376	220.709