

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 4/19/2017 SEQUENCE NAME 19Apr17

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

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

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 012517
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 020917WLA
7	Aqueous control	0.400 g/dL	0.398 g/dL	Lipomed 08012015-C
8	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 09022015-A
9	Blood control	0.200 g/dL	0.200 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	0.201 g/dL	ACQ 407041529/3
53	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
64	Aqueous control	0.150 g/dL	0.153 g/dL	Lipomed 09022015-C
75	Blood control	0.200 g/dL	0.201 g/dL	ACQ 407041529/3
80	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 08012015-C
81	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
82	Blood control	0.200 g/dL	0.202 g/dL	ACQ 407041529/3
83	Blank	Not detected	Not detected	SPD lab 012517

SUBJECT SAMPLES

Subjects in the sequence 32 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid WA B1570 4/26/17 Run valid
 Run invalid Analyst Run invalid KOSECKI 4/27/17 Technical Reviewer

WAA

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

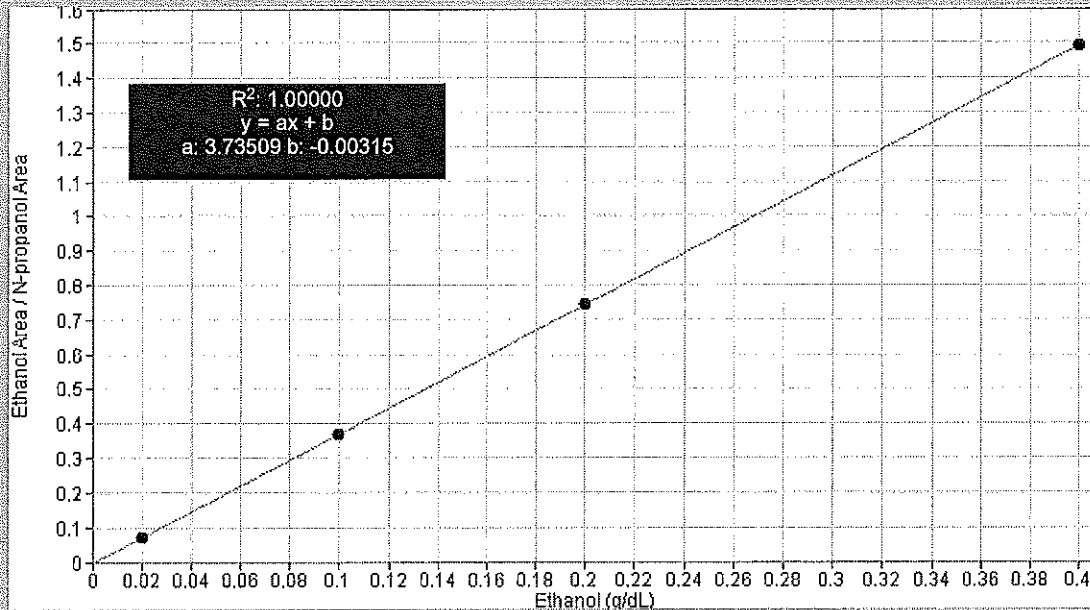
SEQUENCE NAME: 19Apr17

ANALYST: Adrian

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 012517	5	negative	negative	-	-
0.400 Lipomed 08012015-C	7	0.398	0.400	0.50	-0.002
0.040 Lipomed 09022015-A	8	0.039	0.040	2.50	-0.001
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	0.201	0.200	0.50	0.001
0.080 Lipomed 28082014-B	53	0.081	0.080	1.25	0.001
0.150 Lipomed 09022015-C	64	0.153	0.150	2.00	0.003
0.20 ACQ 407041529/3	75	0.201	0.200	0.50	0.001
0.40 Lipomed 08012015-C	80	0.402	0.400	0.50	0.002
0.04 Lipomed 09022015-A	81	0.040	0.040	0.00	0.000
0.20 ACQ 407041529/3	82	0.202	0.200	1.00	0.002
blank 012517	83	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.778	162.014	0.073
0.100	58.328	158.198	0.369
0.200	117.087	157.334	0.744
0.400	237.570	159.327	1.491

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.020 Cerilliant FN03241604	Item number:
Injection date: 4/19/2017 12:25:46 PM	Vial: 1
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\1.D	

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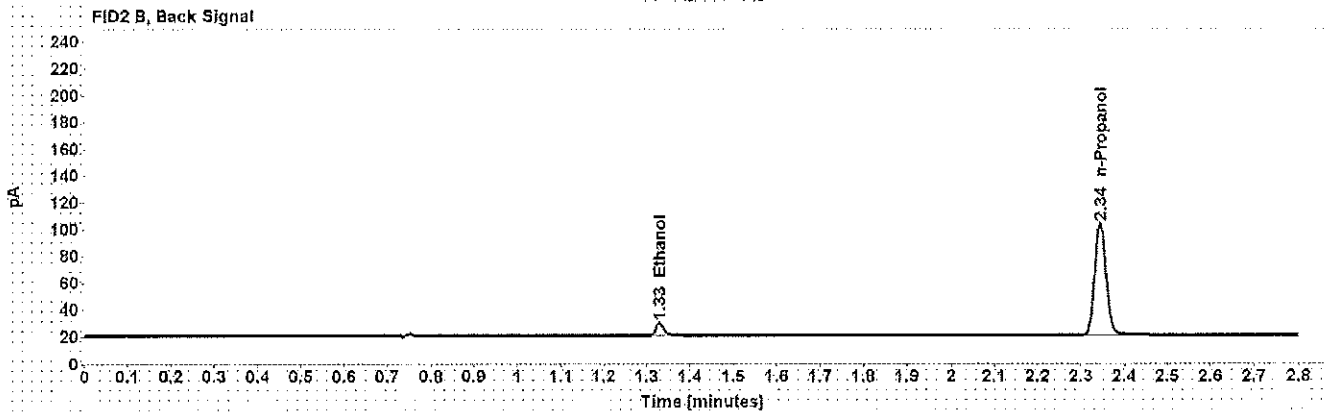
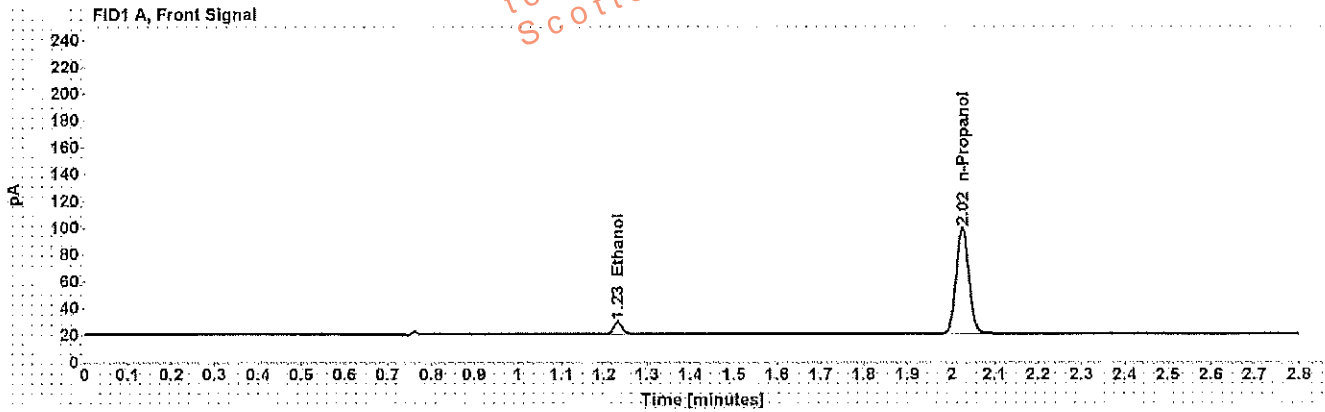


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.232	11.778
n-Propanol	2.024	162.014

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

Compound	Time (min)	Peak Area
Ethanol	1.330	11.132
n-Propanol	2.344	154.768

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.100 Cerilliant FN06181501	Item number:
Injection date: 4/19/2017 12:29:45 PM	Vial: 2
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Apr17\2.D	

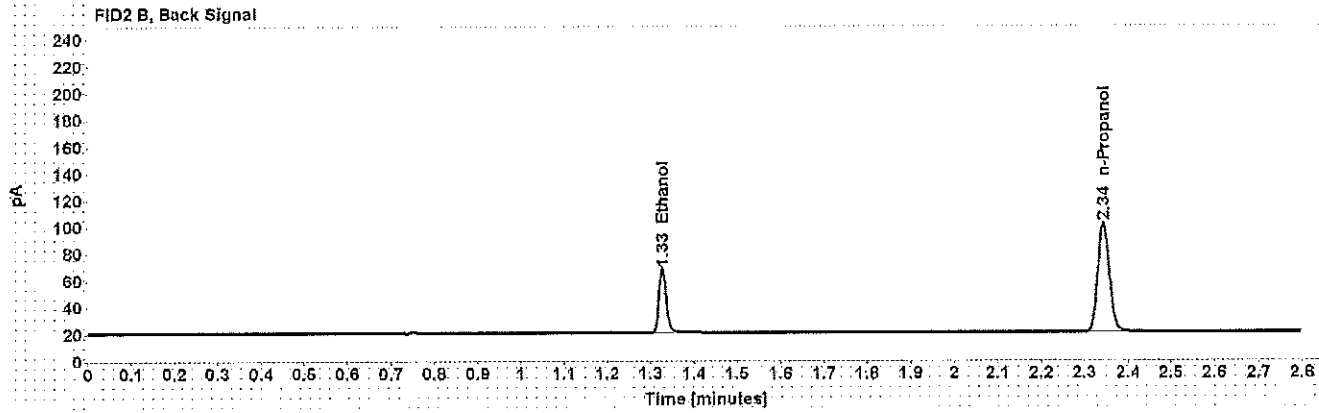
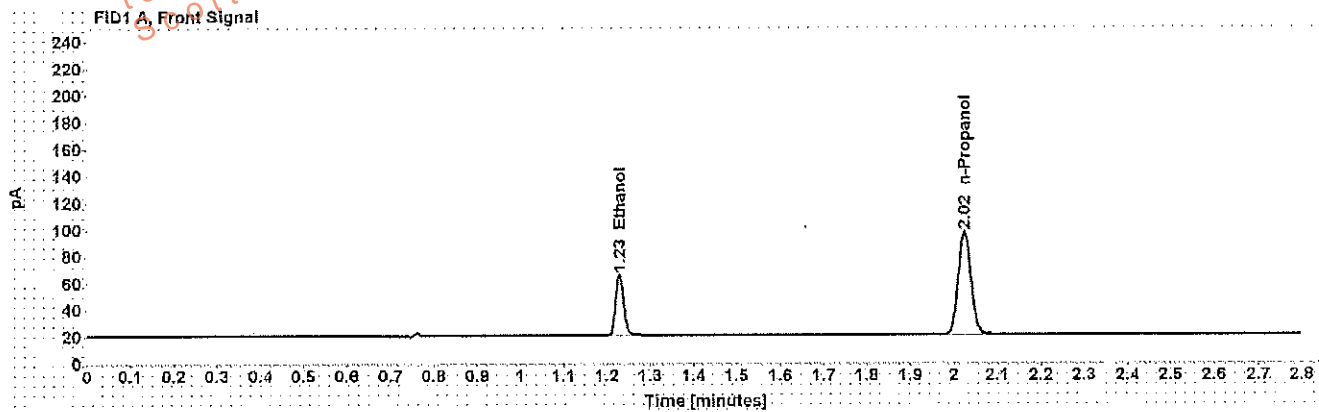


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.230	58.328
n-Propanol	2.024	158.198

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

Compound	Time (min)	Peak Area
Ethanol	1.326	55.799
n-Propanol	2.344	151.204

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.200 Cerilliant FN07201502	Item number: 3
Injection date: 4/19/2017 12:33:45 PM	Vial: 3
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1\Data\19Apr17\3.D	

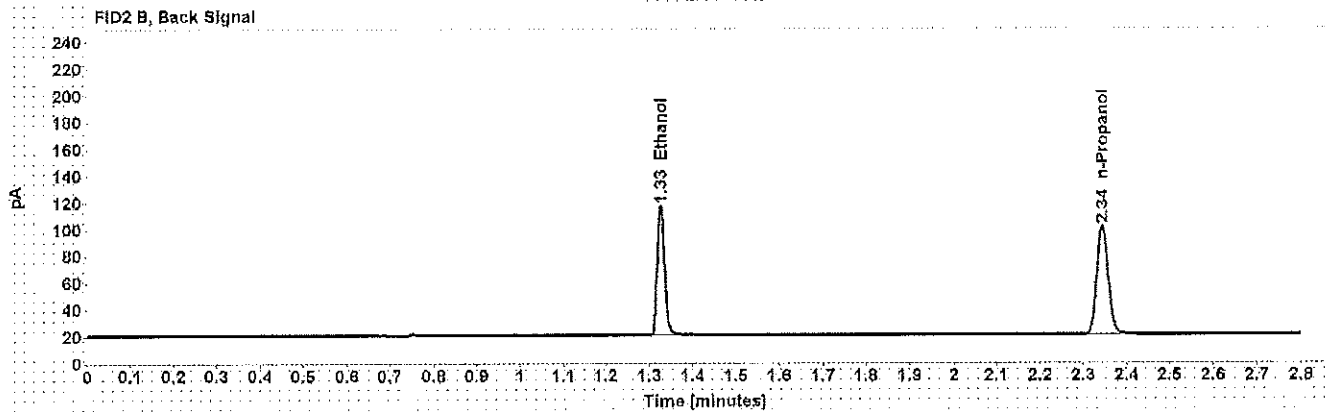
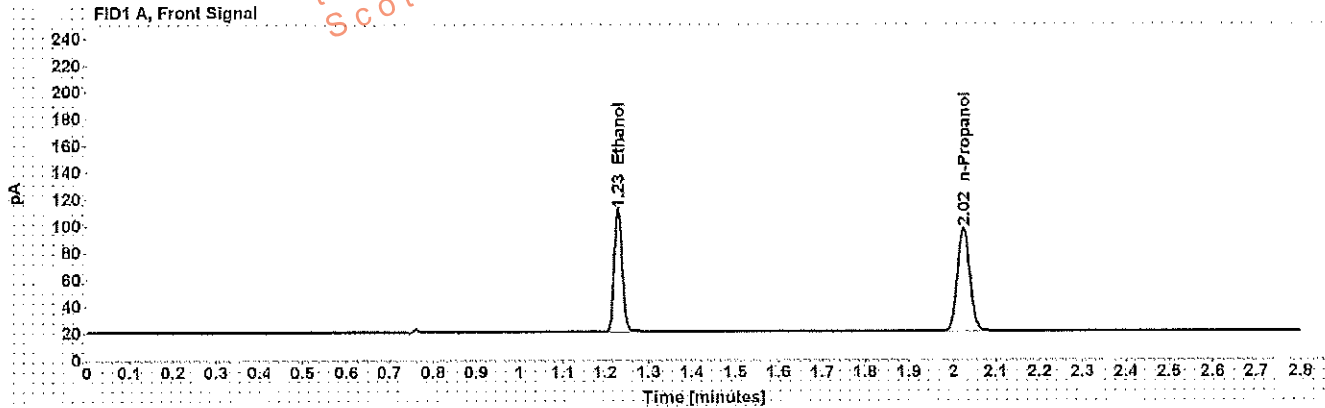


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.230	117.087
n-Propanol	2.024	157.334

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

Compound	Time (min)	Peak Area
Ethanol	1.326	112.607
n-Propanol	2.344	150.446

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.400 Cerilliant FN11191402	Item number:
Injection date: 4/19/2017 12:37:45 PM	Vial: 4
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\19Apr17\4.D	

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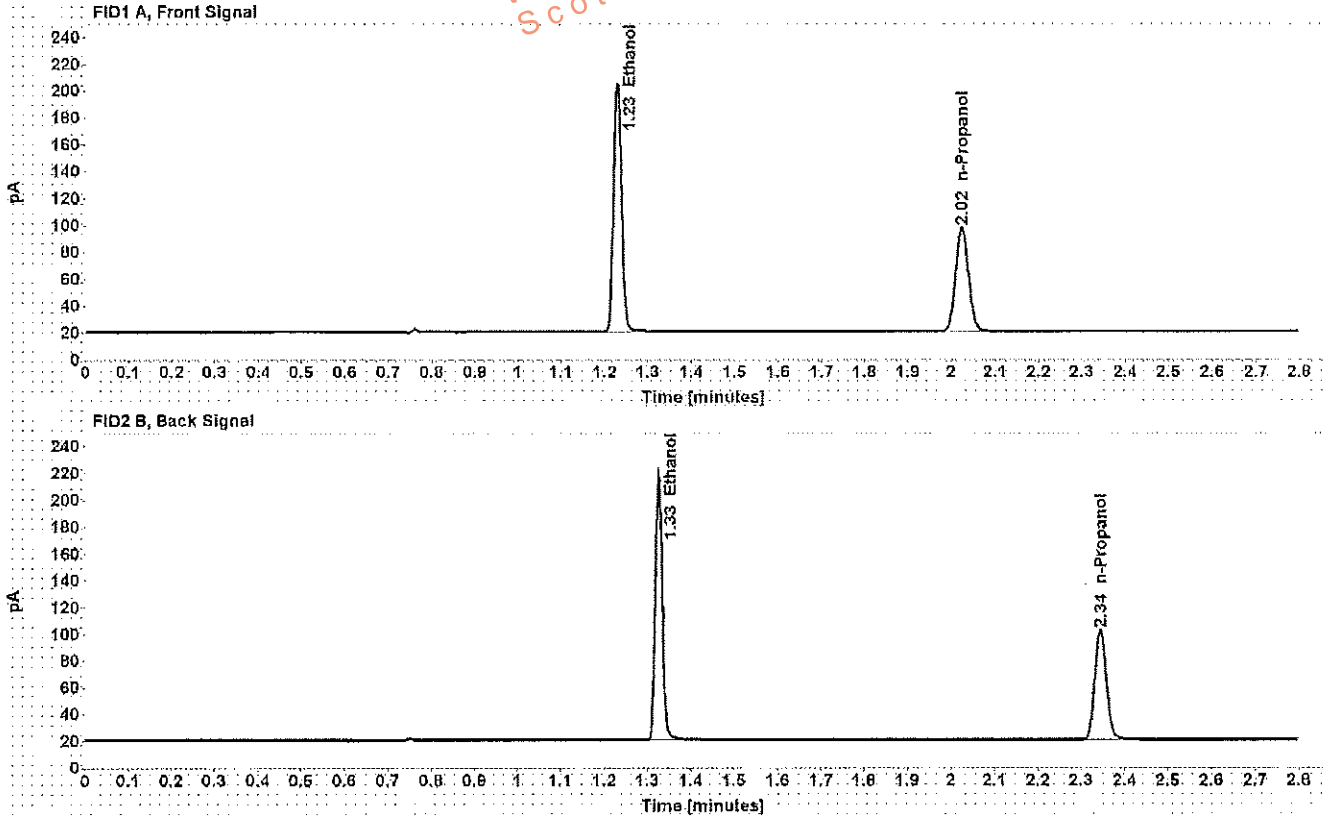


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.229	237.570
n-Propanol	2.024	159.327

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

Compound	Time (min)	Peak Area
Ethanol	1.326	229.181
n-Propanol	2.344	152.479

uA

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	blank 012517	Item number:	
Injection date:	4/19/2017 12:41:45 PM	Vial:	5
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11>Data\19Apr17\5.D		

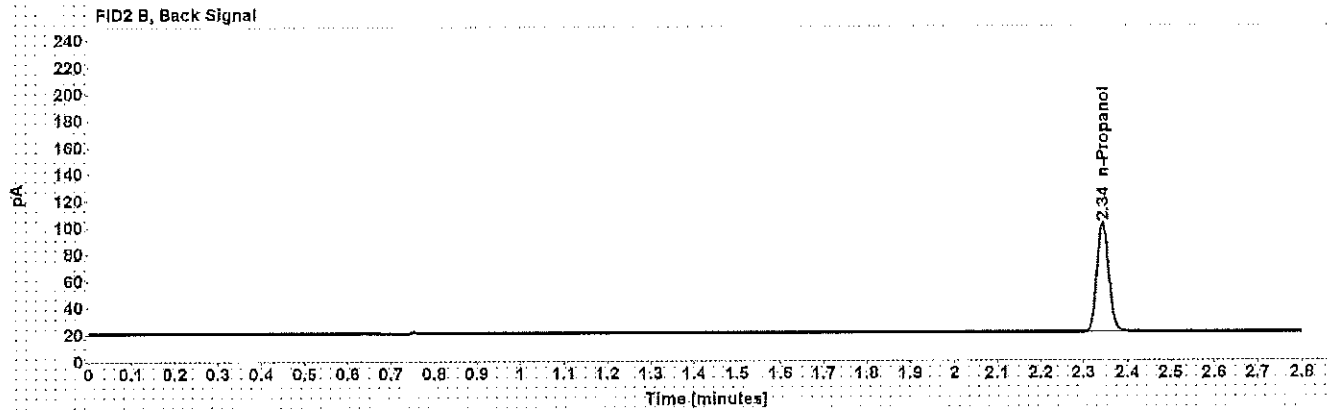
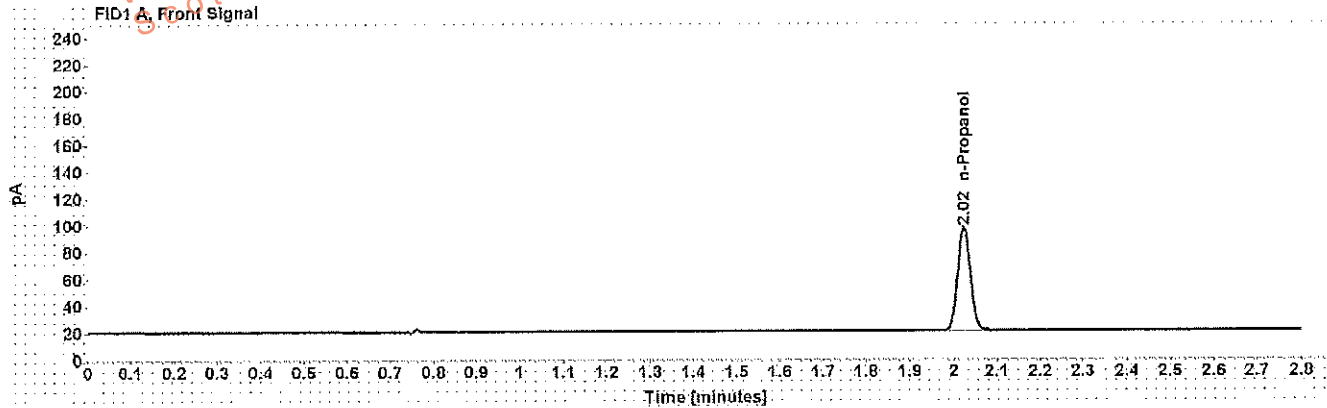


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.024	157.545

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

Compound	Time (min)	Peak Area
n-Propanol	2.344	150.713

Scottsdale Police Department Crime Lab Volatiles Analysis

WLA

Sample: volatiles mix 020917 WLA	Item number:
Injection date: 4/19/2017 12:45:45 PM	Vial: 6
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\6.D	

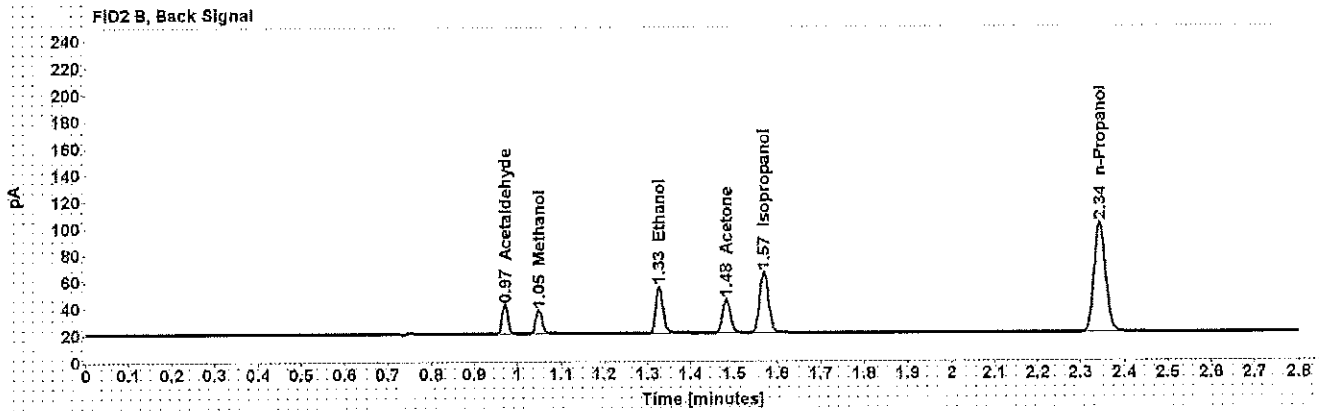
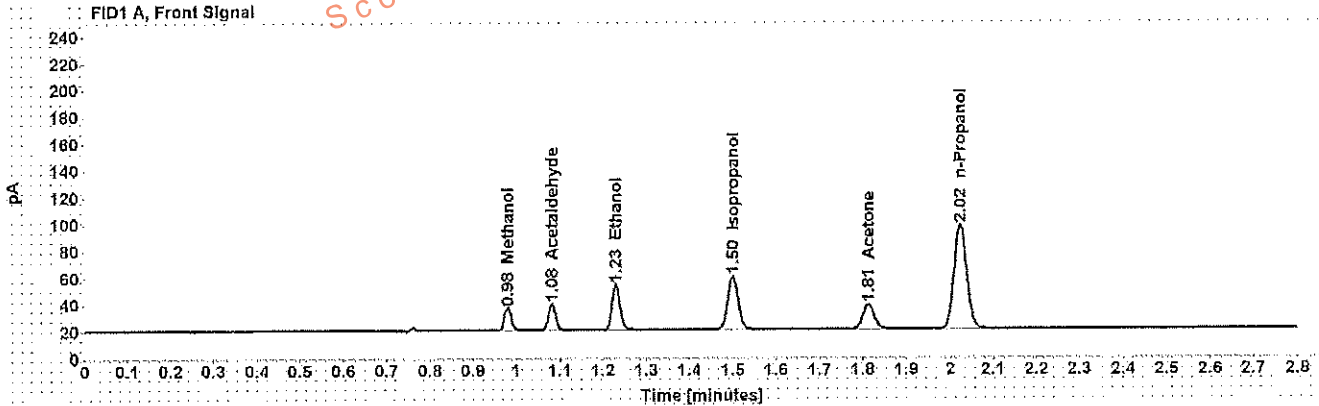


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.981	18.720
Acetaldehyde	-----	1.082	21.405
>Ethanol	0.0729	1.230	42.805
Isopropanol	-----	1.500	65.987
Acetone	-----	1.813	32.816
n-Propanol	-----	2.024	159.057

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.971	21.099
Methanol	1.049	17.914
Ethanol	1.327	40.682
Acetone	1.482	31.525
Isopropanol	1.569	63.900
n-Propanol	2.343	152.112

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.400 Lipomed 08012015-C	Item number: 7
Injection date: 4/19/2017 12:50:00 PM	Vial: 7
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\7.D	

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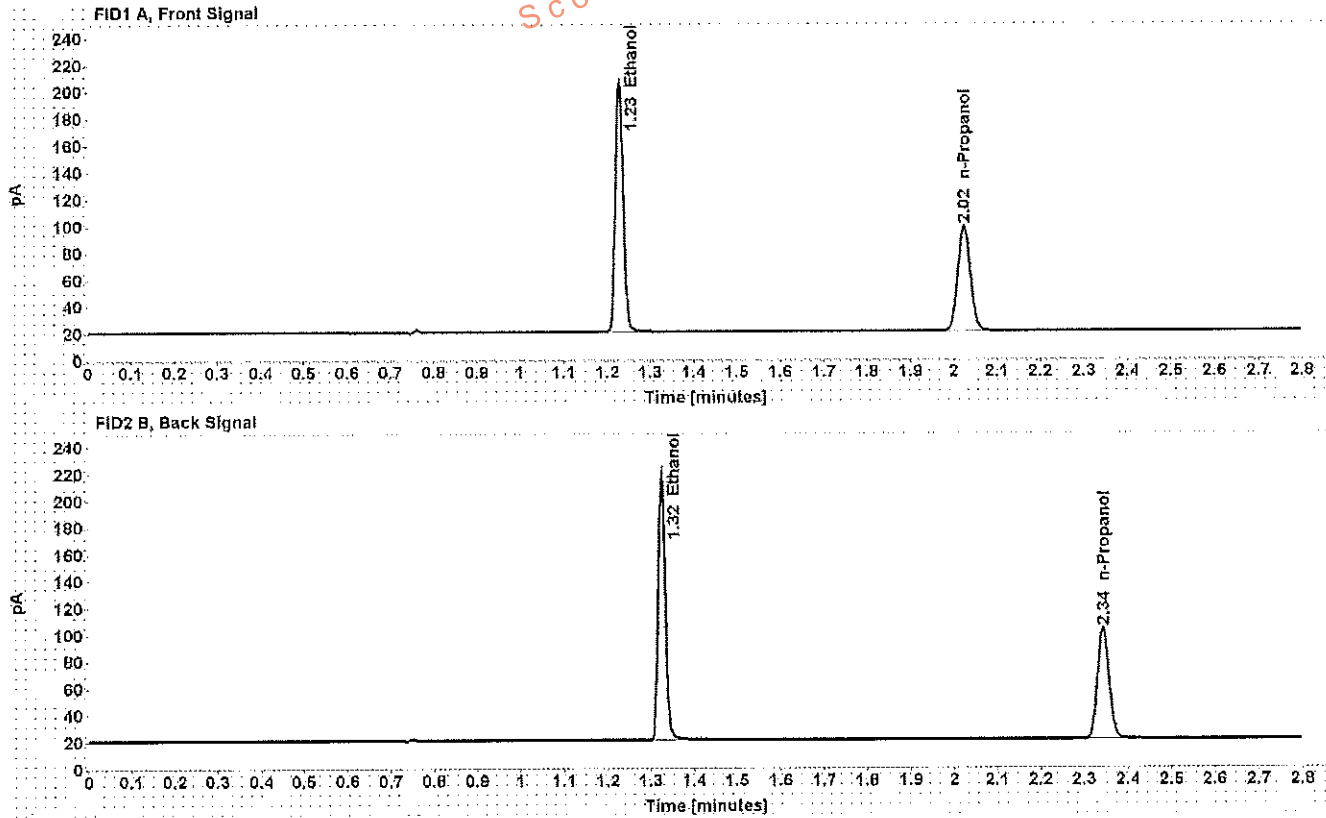


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3981	1.229	238,238
n-Propanol	-----	2.024	160,570

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

Compound	Time (min)	Peak Area
Ethanol	1.325	229,922
n-Propanol	2.343	153,662

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.040 Lipomed 09022015-A	Item number:
Injection date: 4/19/2017 12:54:00 PM	Vial: 8
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\8.D	

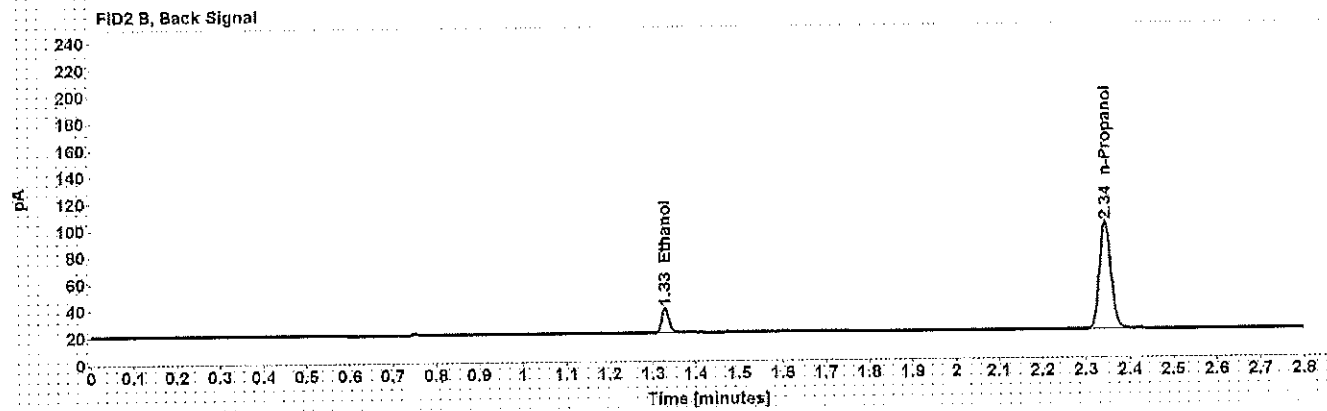
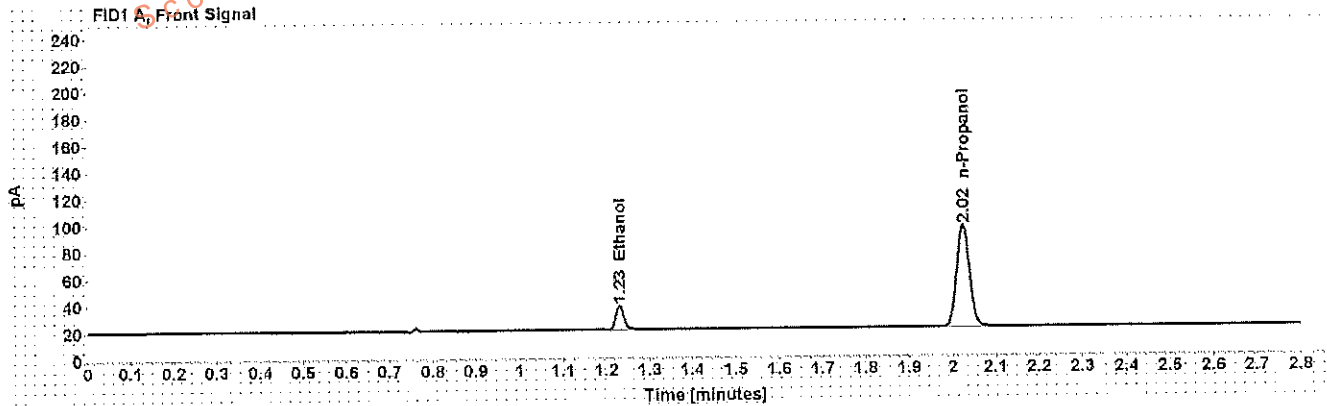


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0398	1.231	22.553
n-Propanol	-----	2.024	155.115

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

Compound	Time (min)	Peak Area
Ethanol	1.328	21.391
n-Propanol	2.344	148.494

WA

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Sample:	0.20 ACQ 407041529/3	Item number:	
Injection date:	4/19/2017 12:58:00 PM	Vial:	9
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\19Apr17\9.D		

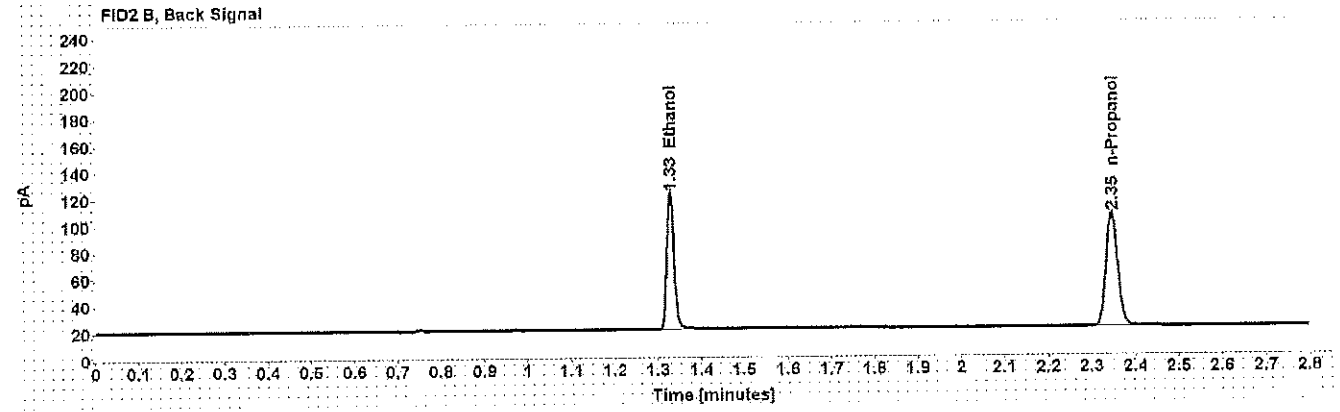
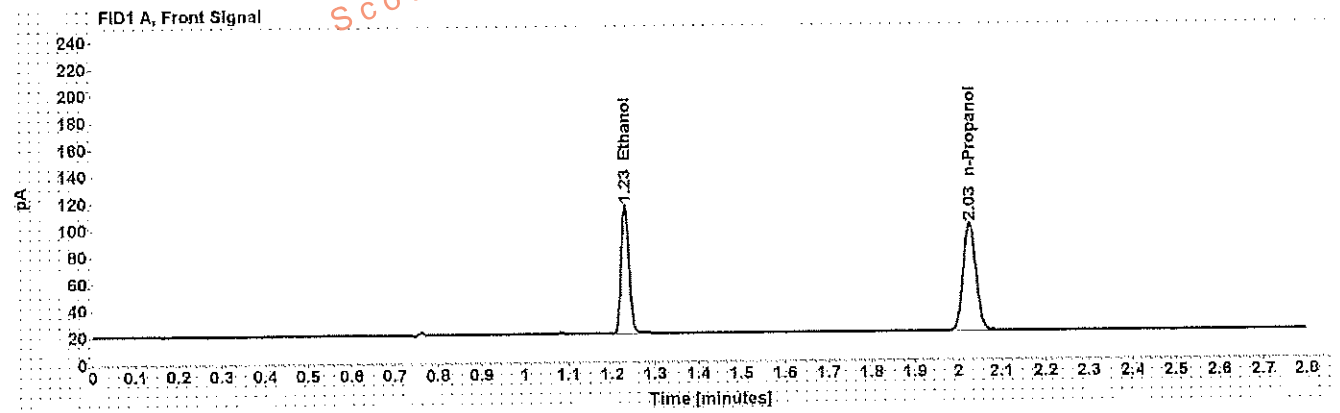


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2004	1.231	122.813
n-Propanol	-----	2.026	164.733

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

Compound	Time (min)	Peak Area
Ethanol	1.328	117.939
n-Propanol	2.346	157.743

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 4/19/2017 1:42:30 PM	Vial: 20
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\20.D	

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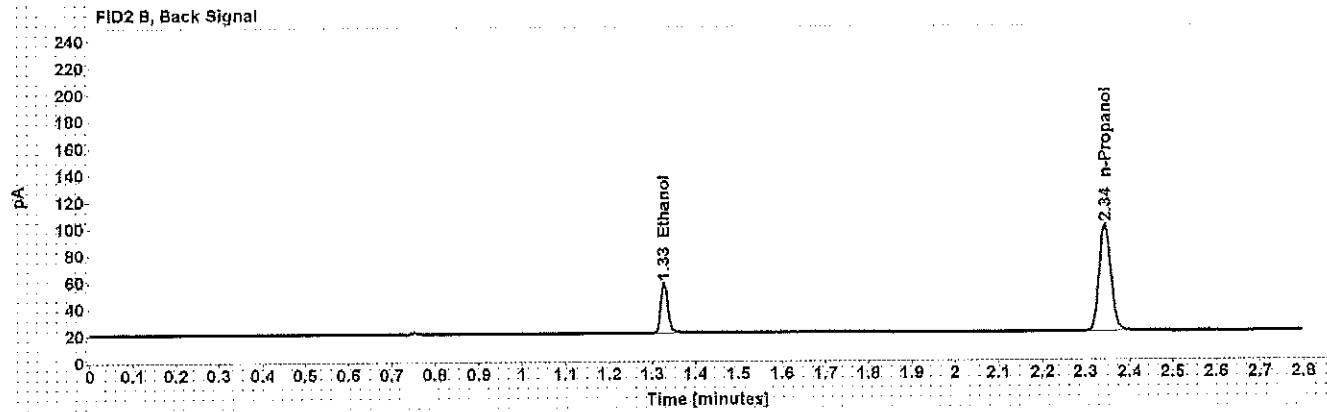
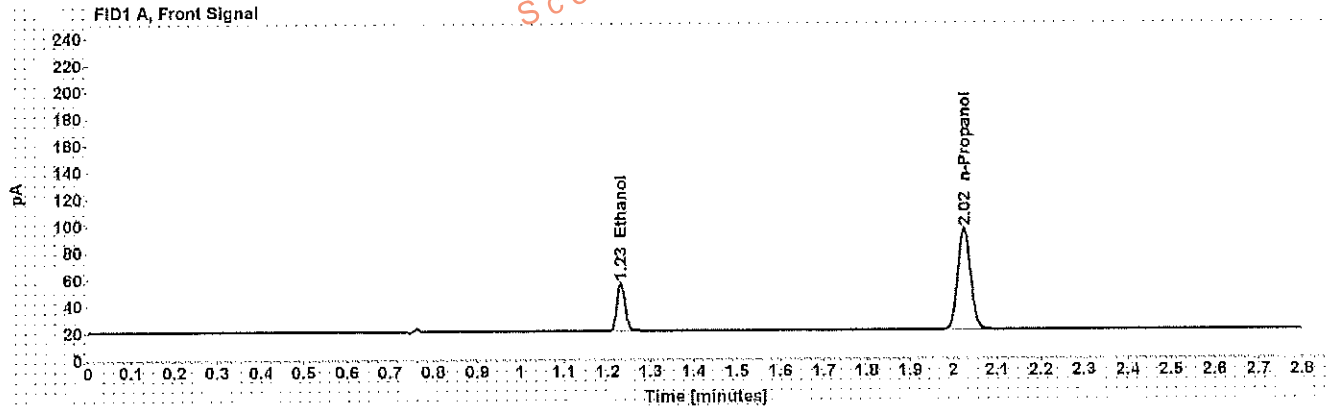


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0802	1.230	45.960
n-Propanol	-----	2.024	154.976

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

Compound	Time (min)	Peak Area
Ethanol	1.327	43.836
n-Propanol	2.344	148.751

Scottsdale Police Department Crime Lab Volatiles Analysis

JA

Sample: 0.150 Lipomed 09022015-C	Item number:
Injection date: 4/19/2017 2:27:00 PM	Vial: 31
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Apr17\31.D	

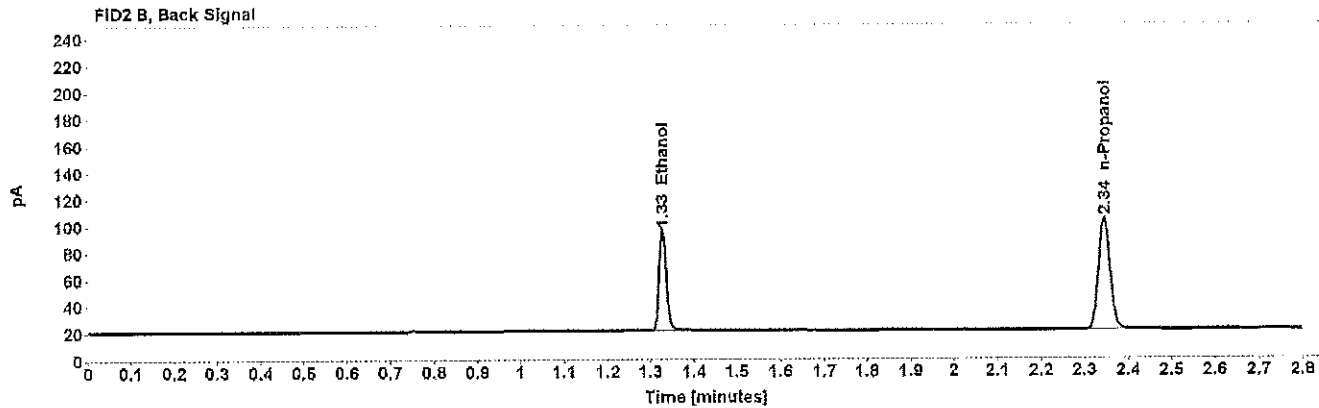
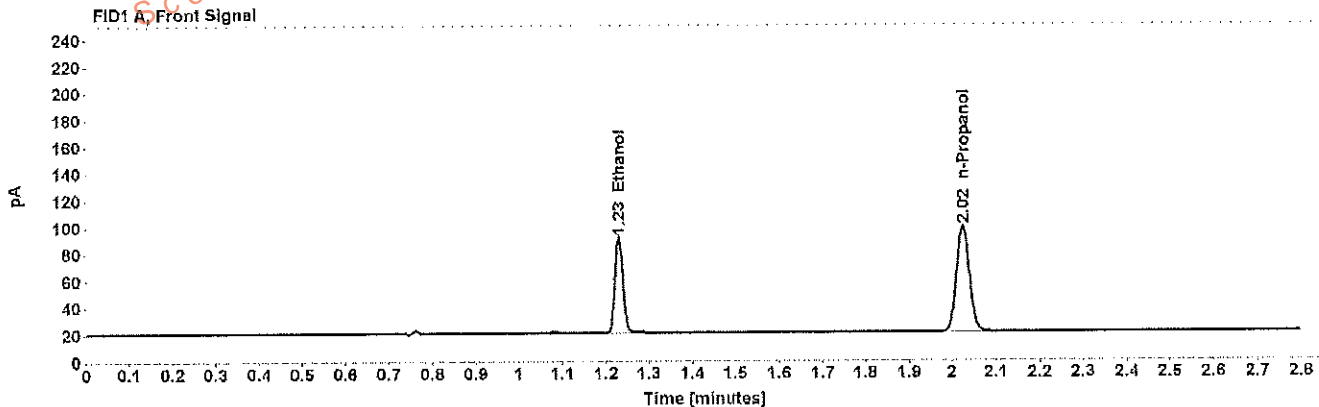


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1523	1.230	91.470
n-Propanol	-----	2.024	161.655

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

Compound	Time (min)	Peak Area
Ethanol	1.327	87.984
n-Propanol	2.345	155.292

WA

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Sample:	0.20 ACQ 407041529/3	Item number:	
Injection date:	4/19/2017 3:11:16 PM	Vial:	42
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\19Apr17\42.D		

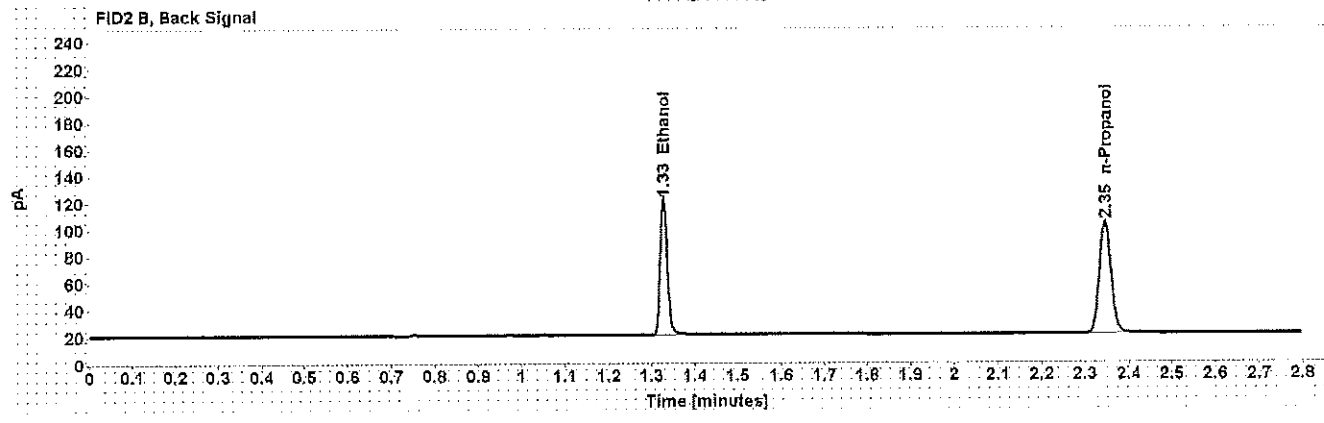
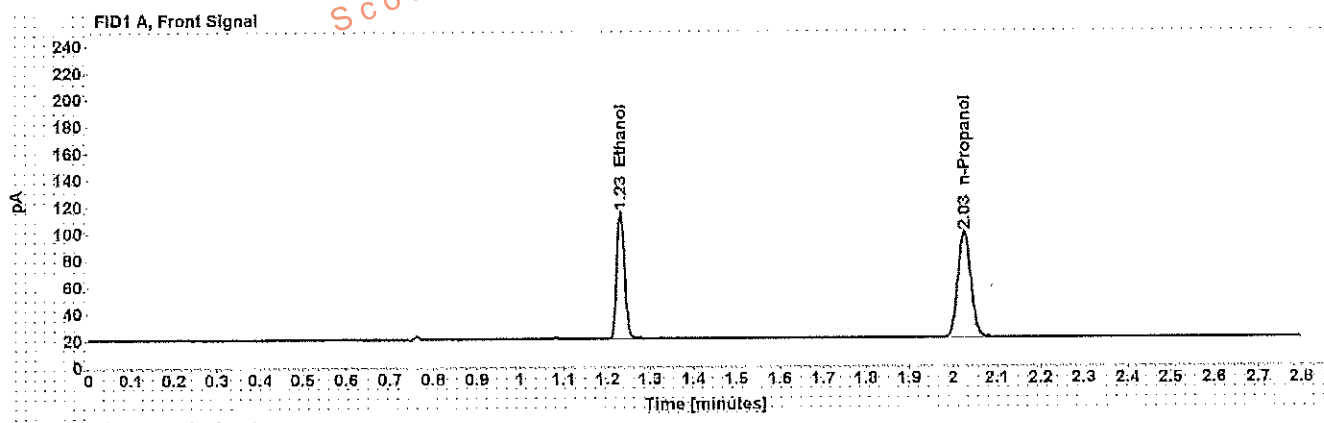


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2019	1.231	121.693
n-Propanol	-----	2.025	162.030

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

Compound	Time (min)	Peak Area
Ethanol	1.328	117.233
n-Propanol	2.346	155.650

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 4/19/2017 3:55:46 PM	Vial: 53
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
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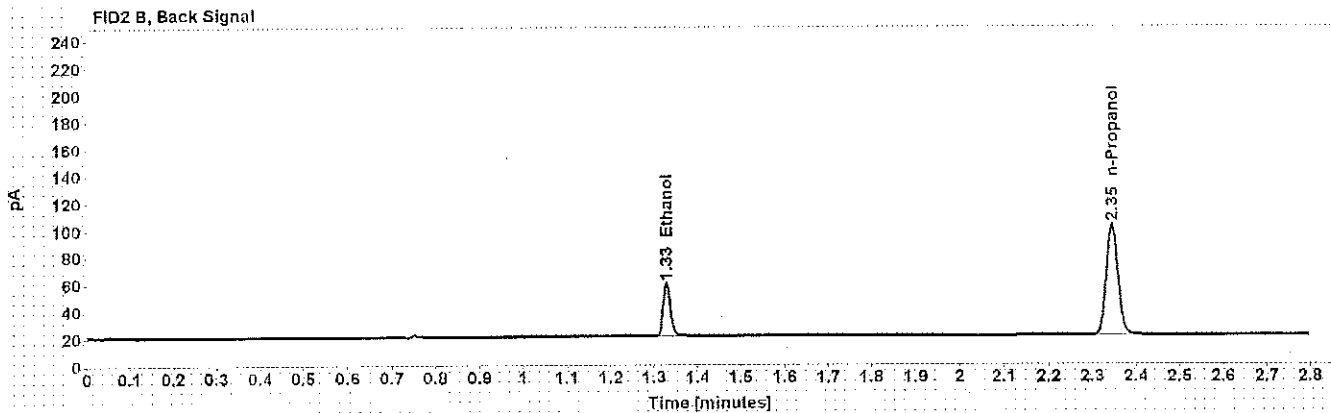
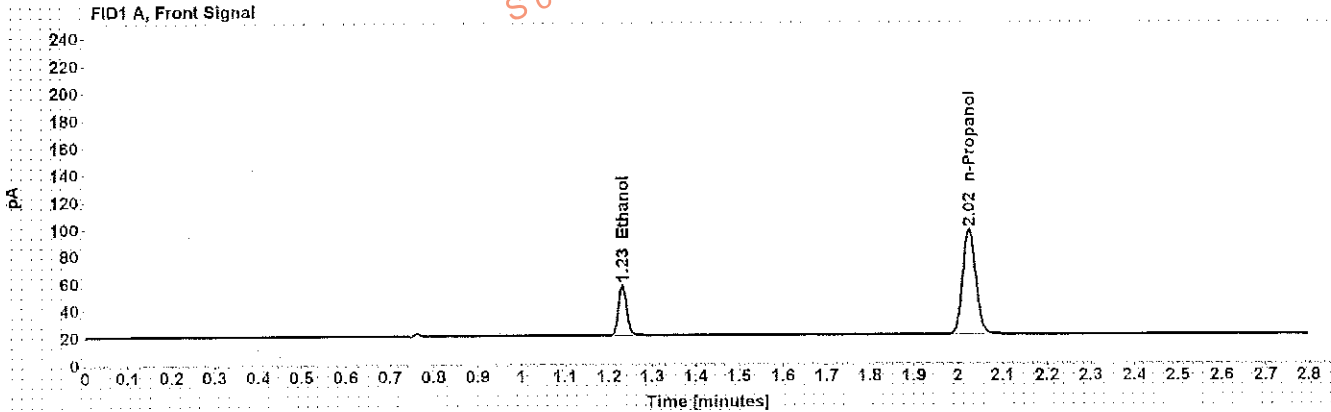


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0811	1.231	47.537
n-Propanol	-----	2.025	158.578

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

Compound	Time (min)	Peak Area
Ethanol	1.328	45.432
n-Propanol	2.345	152.371

Scottsdale Police Department Crime Lab Volatiles Analysis

LW

Sample: 0.150 Lipomed 09022015-C	Item number:
Injection date: 4/19/2017 4:40:15 PM	Vial: 64
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\64.D	

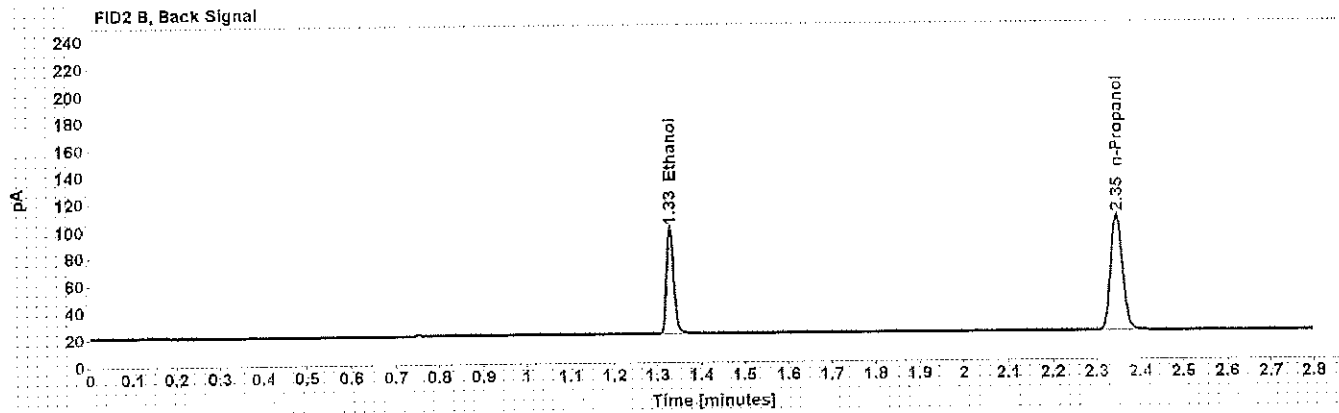
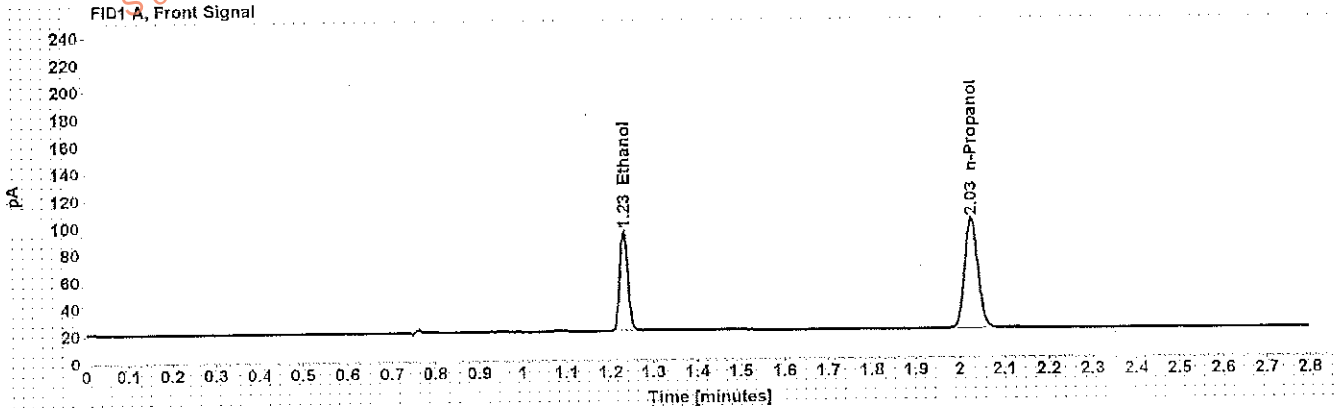


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1533	1.231	95.082
n-Propanol	-----	2.026	166.974

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

Compound	Time (min)	Peak Area
Ethanol	1.328	91.382
n-Propanol	2.346	160.493

WAA

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	0.20 ACQ 407041529/3	Item number:	
Injection date:	4/19/2017 5:24:45 PM	Vial:	75
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
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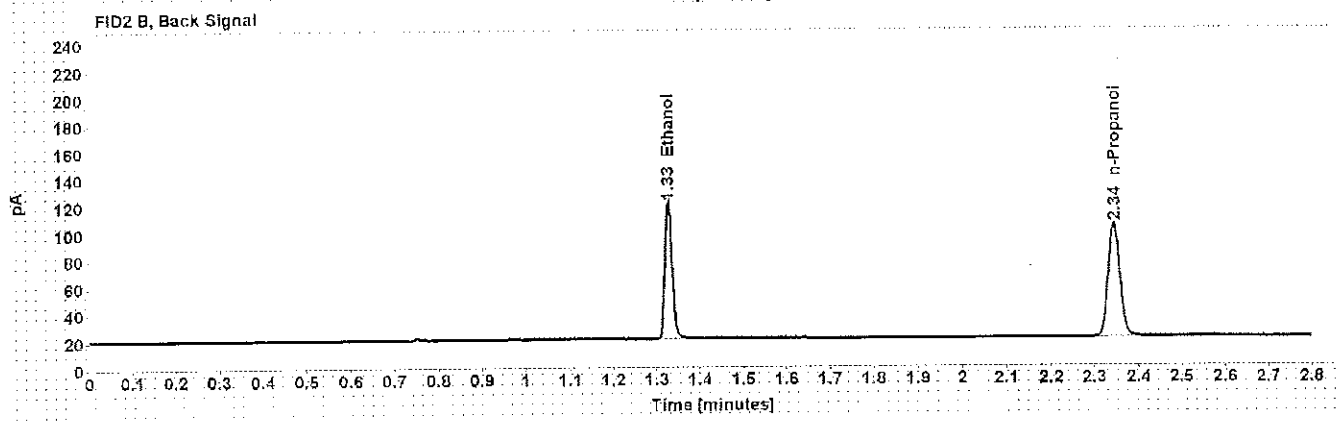
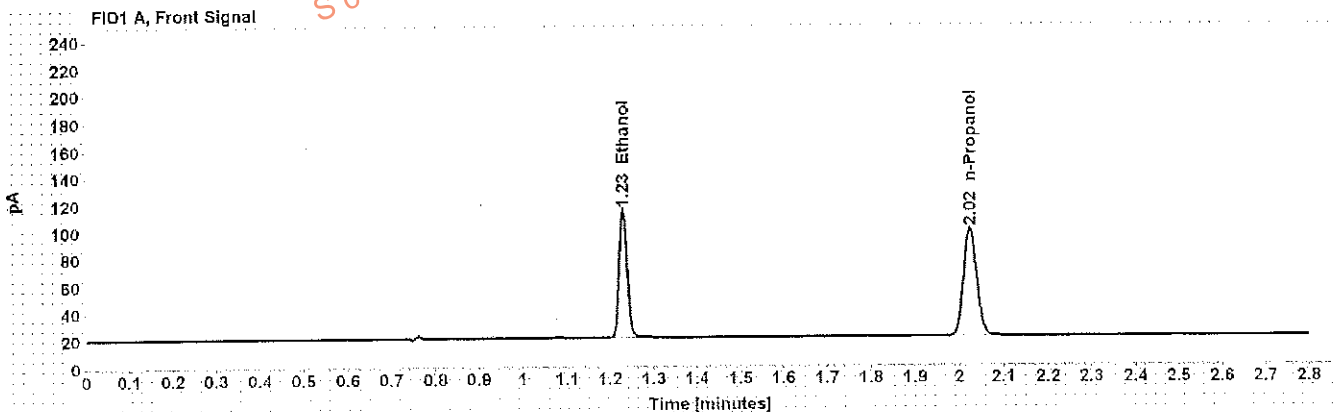


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2010	1.230	121.297
n-Propanol	-----	2.024	162.286

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

Compound	Time (min)	Peak Area
Ethanol	1.327	116.893
n-Propanol	2.344	156.301

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Sample:	0.40 Lipomed 08012015-C	Item number:	80
Injection date:	4/19/2017 5:45:00 PM	Vial:	80
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\Data\19Apr17\180.D		

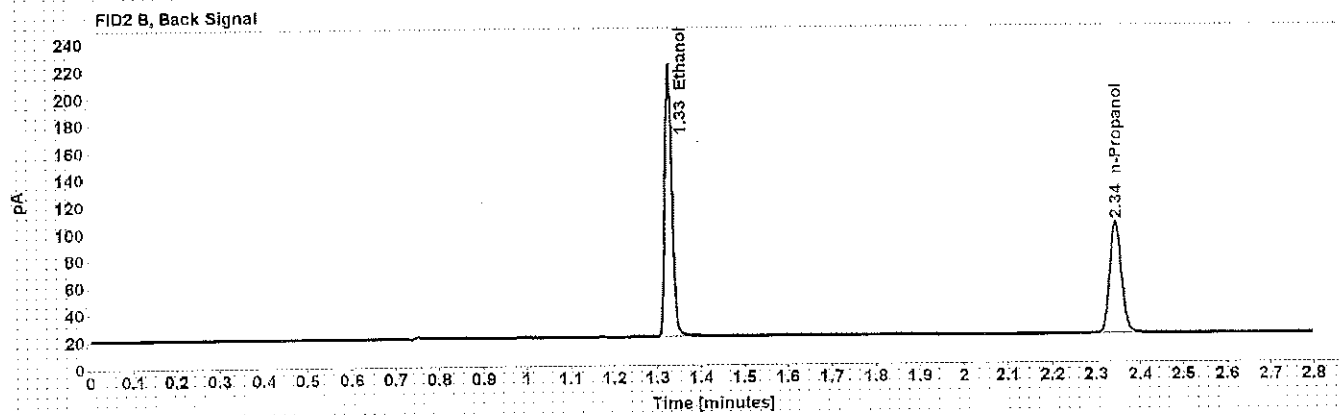
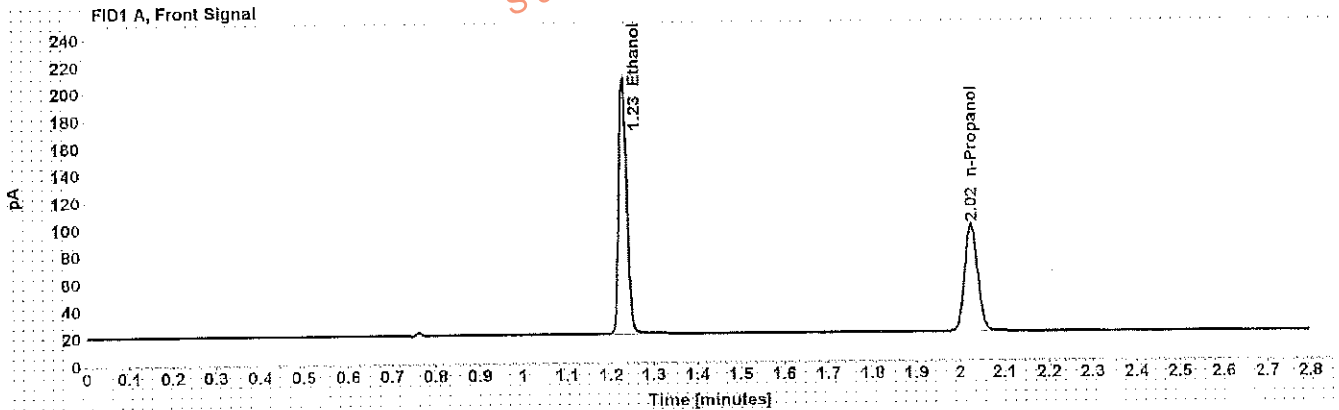


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4026	1.229	241.770
n-Propanol	-----	2.024	161.116

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

Compound	Time (min)	Peak Area
Ethanol	1.326	233.690
n-Propanol	2.344	154.932

WA

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.04 Lipomed 09022015-A **Item number:**
Injection date: 4/19/2017 5:49:00 PM **Vial:** 81
Method: ethanol quant.M **Sequence:** 19Apr17
Instrument: US14173023 CN14160045 **Analyst:** Adrian
Data file: C:\Chem32\1\Data\19Apr17\81.D

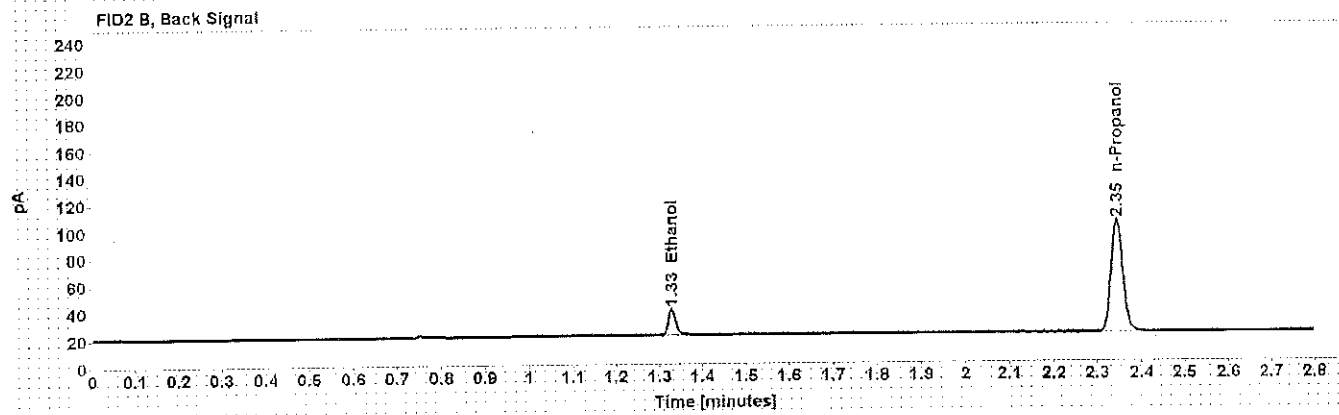
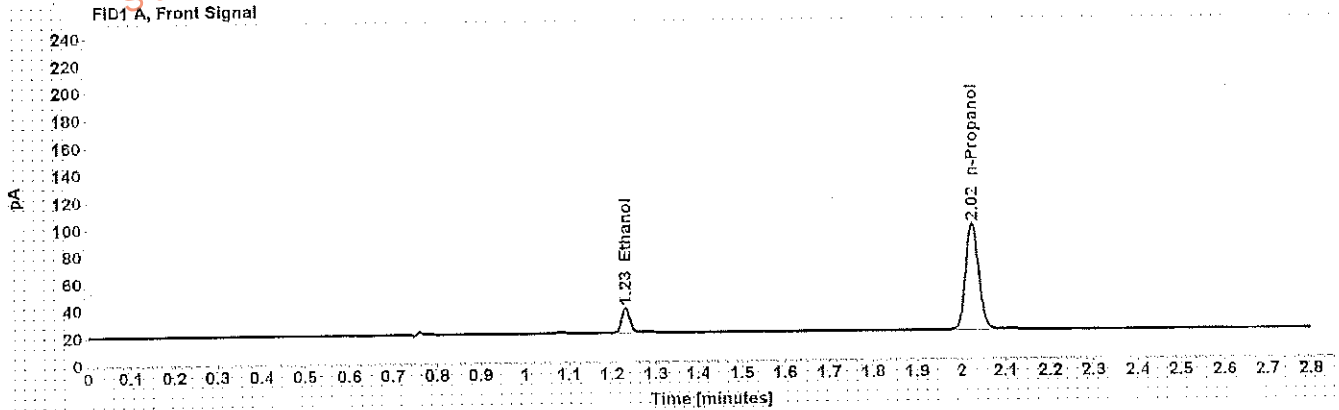


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0402	1.231	23.572
n-Propanol	-----	2.025	160.312

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

Compound	Time (min)	Peak Area
Ethanol	1.329	22.480
n-Propanol	2.345	154.293

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	0.20 ACQ 407041529/3	Item number:	
Injection date:	4/19/2017 5:53:01 PM	Vial:	82
Method:	ethanol quant M	Sequence:	19Apr17
Instrument:	US14173023 CN14160046	Analyst:	Adrian
Data file:	C:\Chem3211\Data\19Apr17\82.D		

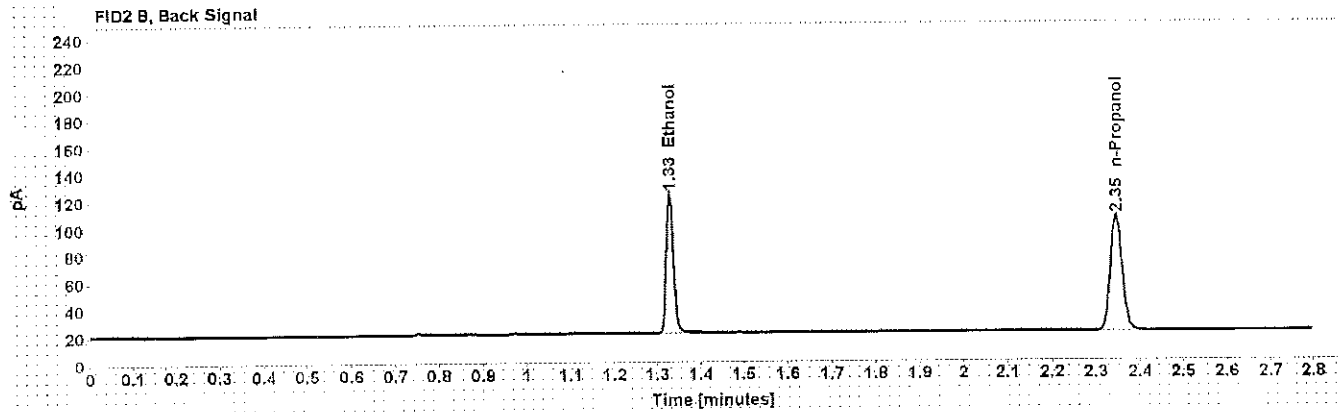
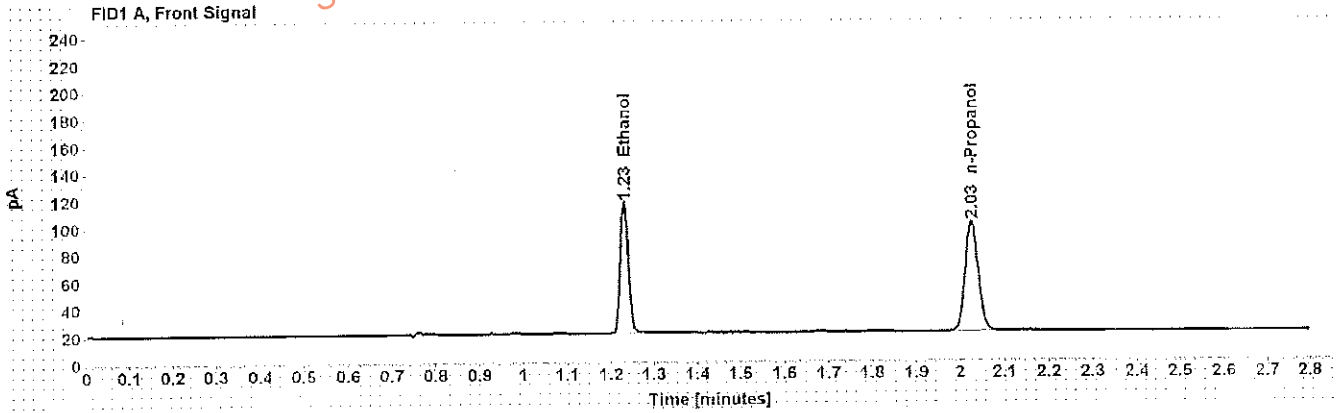


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2023	1.231	124.125
n-Propanol	-----	2.026	164.996

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

Compound	Time (min)	Peak Area
Ethanol	1.328	119.407
n-Propanol	2.346	158.788

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 012517	Item number: 83
Injection date: 4/19/2017 5:57:00 PM	Vial: 83
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\183.D	

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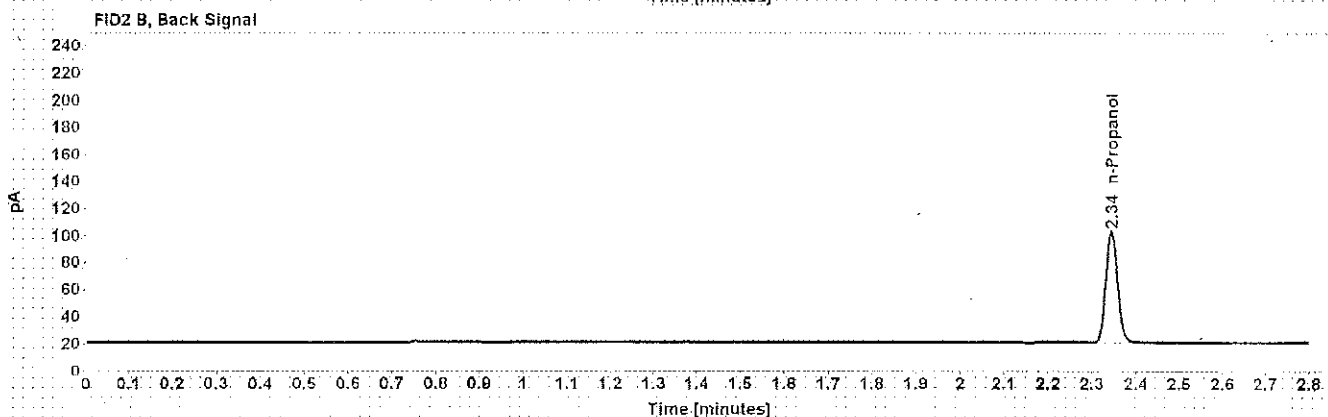
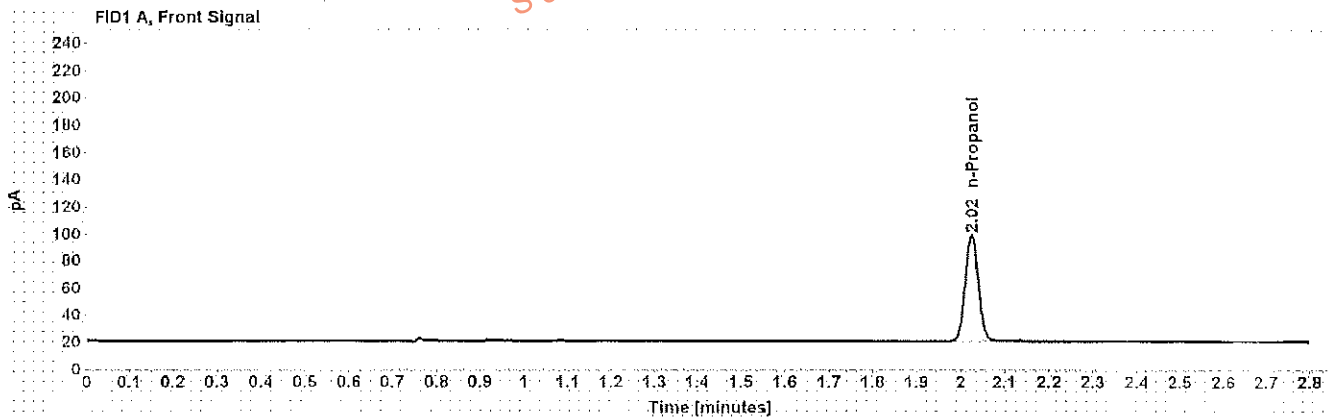


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.024	161.131

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

Compound	Time (min)	Peak Area
n-Propanol	2.344	151.898

Sequence Summary

Sequence name: 19Apr17 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 012517	Control		ethanol quant.M
6	volatiles mix 020917 WLA	Control		ethanol quant.M
7	0.400 Lipomed 08012015-C	Control		ethanol quant.M
8	0.040 Lipomed 09022015-A	Control		ethanol quant.M
9	0.20 ACQ 407041529/3	Control		ethanol quant.M
10		Sample	1109471	ethanol quant.M
11		Sample	1109471	ethanol quant.M
12		Sample	1144149	ethanol quant.M
13		Sample	1144149	ethanol quant.M
14		Sample	150-01A	ethanol quant.M
15		Sample	150-01A	ethanol quant.M
16		Sample	327-01A	ethanol quant.M
17		Sample	327-01A	ethanol quant.M
18		Sample	1147856	ethanol quant.M
19		Sample	1147856	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21		Sample	1145326	ethanol quant.M
22		Sample	1145326	ethanol quant.M
23		Sample	1143560	ethanol quant.M
24		Sample	1143560	ethanol quant.M
25		Sample	1143537	ethanol quant.M
26		Sample	1143537	ethanol quant.M
27		Sample	1123484	ethanol quant.M
28		Sample	1123484	ethanol quant.M
29		Sample	1105816	ethanol quant.M
30		Sample	1105816	ethanol quant.M
31	0.150 Lipomed 09022015-C	Control		ethanol quant.M
32		Sample	1103663	ethanol quant.M
33		Sample	1103663	ethanol quant.M
34		Sample	1144690	ethanol quant.M
35		Sample	1144690	ethanol quant.M
36		Sample	1148129	ethanol quant.M
37		Sample	1148129	ethanol quant.M
38		Sample	1148389	ethanol quant.M
39		Sample	1148389	ethanol quant.M
40		Sample	1148548	ethanol quant.M
41		Sample	1148548	ethanol quant.M
42	0.20 ACQ 407041529/3	Control		ethanol quant.M
43		Sample	1144684	ethanol quant.M
44		Sample	1144684	ethanol quant.M
45		Sample	1145545	ethanol quant.M
46		Sample	1145545	ethanol quant.M
47		Sample	1144699	ethanol quant.M

Sequence Summary

48		Sample	1144699	ethanol quant.M
49		Sample	1144566	ethanol quant.M
50		Sample	1144566	ethanol quant.M
51		Sample	317-01A	ethanol quant.M
52		Sample	317-01A	ethanol quant.M
53	0.080 Lipomed 28082014-B	Control		ethanol quant.M
54		Sample	312-01A	ethanol quant.M
55		Sample	312-01A	ethanol quant.M
56		Sample	1140520	ethanol quant.M
57		Sample	1140520	ethanol quant.M
58		Sample	1149757	ethanol quant.M
59		Sample	1149757	ethanol quant.M
60		Sample	1149637	ethanol quant.M
61		Sample	1149637	ethanol quant.M
62		Sample	1149645	ethanol quant.M
63		Sample	1149645	ethanol quant.M
64	0.150 Lipomed 09022015-C	Control		ethanol quant.M
65		Sample	1127726	ethanol quant.M
66		Sample	1127726	ethanol quant.M
67		Sample	1149524	ethanol quant.M
68		Sample	1149524	ethanol quant.M
69		Sample	1147064	ethanol quant.M
70		Sample	1147064	ethanol quant.M
71		Sample	1147356	ethanol quant.M
72		Sample	1147356	ethanol quant.M
73		Sample	1147072	ethanol quant.M
74		Sample	1147072	ethanol quant.M
75	0.20 ACQ 407041529/3	Control		ethanol quant.M
76		Sample	1147082	ethanol quant.M
77		Sample	1147082	ethanol quant.M
78		Sample	1145917	ethanol quant.M
79		Sample	1145917	ethanol quant.M
80	0.40 Lipomed 08012015-C	Control		ethanol quant.M
81	0.04 Lipomed 09022015-A	Control		ethanol quant.M
82	0.20 ACQ 407041529/3	Control		ethanol quant.M
83	blank 012517	Control		ethanol quant.M

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NA

WA

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 19Apr17

ANALYST: Adrian

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1955	0.1965	0.19600	0.26	0.00050
12 13	0.1320	0.1332	0.13260	0.45	0.00060
14 15	0.1237	0.1260	0.12485	0.92	0.00115
16 17	0.1436	0.1437	0.14365	0.03	0.00005
18 19	0.2048	0.2014	0.20310	0.84	0.00170
21 22	0.0335	0.0334	0.03345	0.15	0.00005
23 24	0.1042	0.1039	0.10405	0.14	0.00015
25 26	0.1548	0.1543	0.15455	0.16	0.00025
27 28	0.1468	0.1479	0.14735	0.37	0.00055
29 30	0.1704	0.1719	0.17115	0.44	0.00075
32 33	0.3070	0.3071	0.30705	0.02	0.00005
34 35	0.1775	0.1788	0.17815	0.36	0.00065
36 37	0.2988	0.2960	0.29740	0.47	0.00140
38 39	0.1657	0.1681	0.16690	0.72	0.00120
40 41	0.0000	0.0000	0.00000	0.00	0.00000
43 44	0.2630	0.2626	0.26280	0.08	0.00020
45 46	0.0803	0.0806	0.08045	0.19	0.00015
47 48	0.2203	0.2212	0.22075	0.20	0.00045
49 50	0.1516	0.1527	0.15215	0.36	0.00055
51 52	0.1804	0.1805	0.18045	0.03	0.00005
54 55	0.1838	0.1854	0.18460	0.43	0.00080
56 57	0.0713	0.0721	0.07170	0.56	0.00040
58 59	0.2099	0.2095	0.20970	0.10	0.00020
60 61	0.0137	0.0137	0.01370	0.00	0.00000
62 63	0.0923	0.0928	0.09255	0.27	0.00025
65 66	0.1090	0.1088	0.10890	0.09	0.00010
67 68	0.1659	0.1647	0.16530	0.36	0.00060
69 70	0.1818	0.1840	0.18290	0.60	0.00110
71 72	0.2811	0.2816	0.28135	0.09	0.00025
73 74	0.1225	0.1226	0.12255	0.04	0.00005
76 77	0.1468	0.1484	0.14760	0.54	0.00080
78 79	0.1160	0.1169	0.11645	0.39	0.00045

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1109471
Injection date: 4/19/2017 1:02:00 PM	Vial: 10
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\10.D	

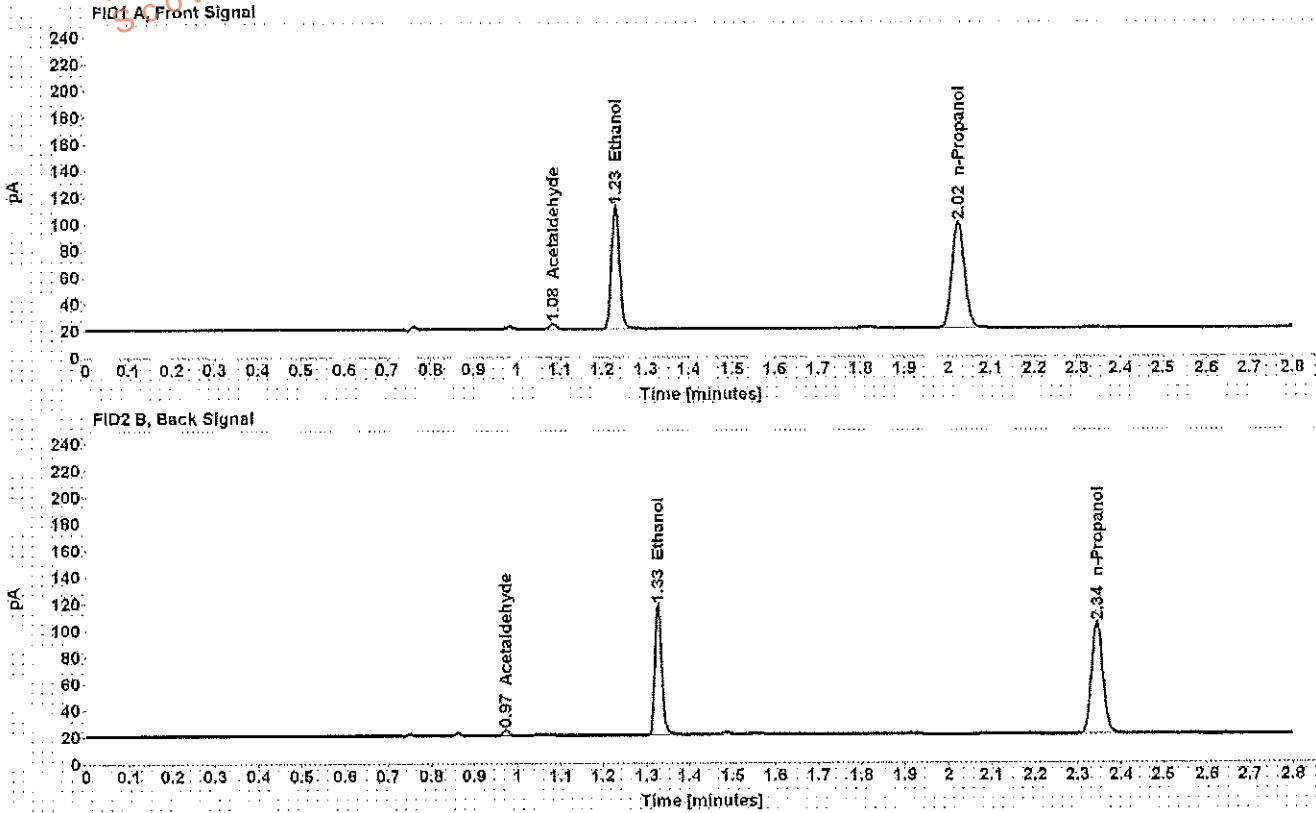


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	3.919
>Ethanol	0.1955	1.230	117.582
n-Propanol	-----	2.025	161.739

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	3.944
Ethanol	1.327	112.950
n-Propanol	2.344	155.343

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1109471
Injection date: 4/19/2017 1:06:01 PM	Vial: 11
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Dat\19Apr17\19.D	

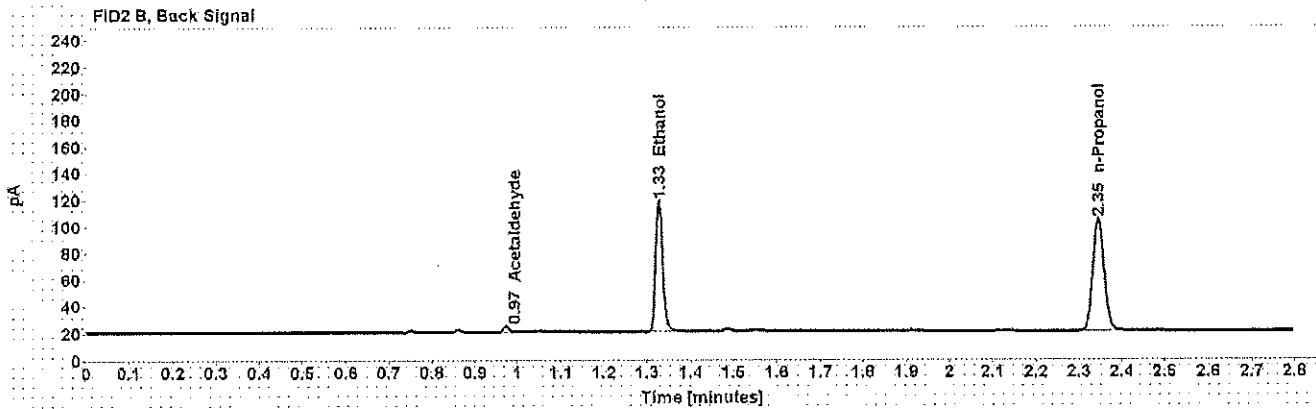
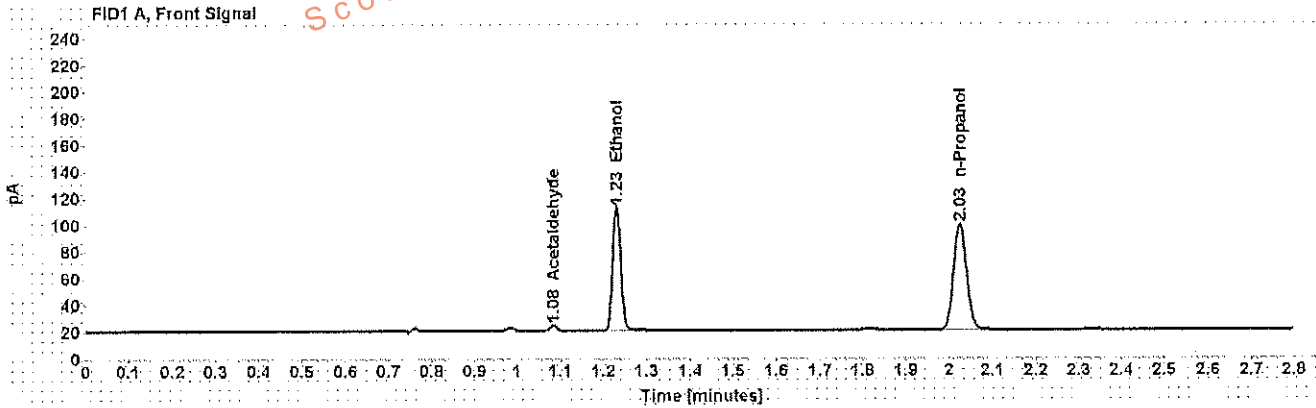


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	3.988
>Ethanol	0.1965	1.230	118.567
n-Propanol	-----	2.025	162.207

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	3.858
Ethanol	1.327	114.002
n-Propanol	2.345	155.823

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1144149
Injection date:	4/19/2017 1:10:01 PM	Vial:	12
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\19Apr17\12.D		

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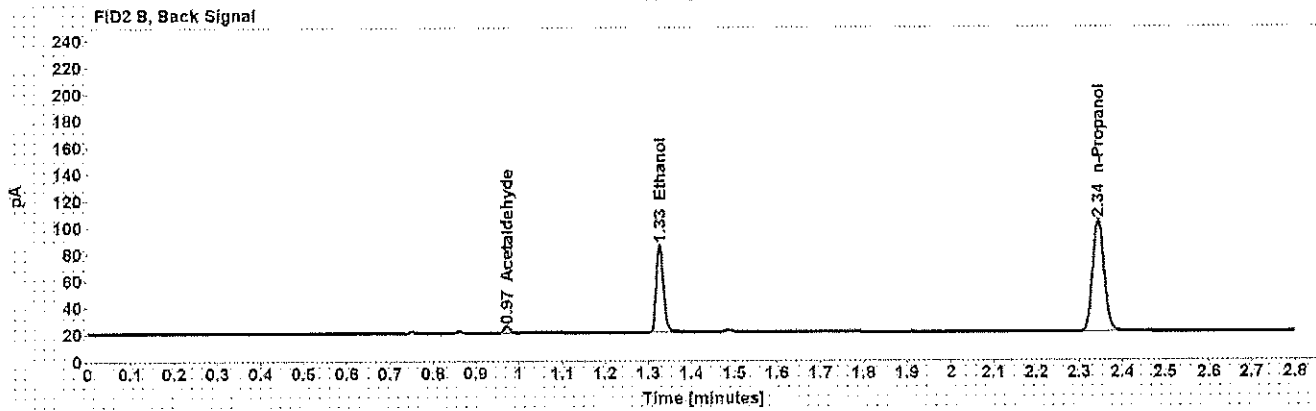
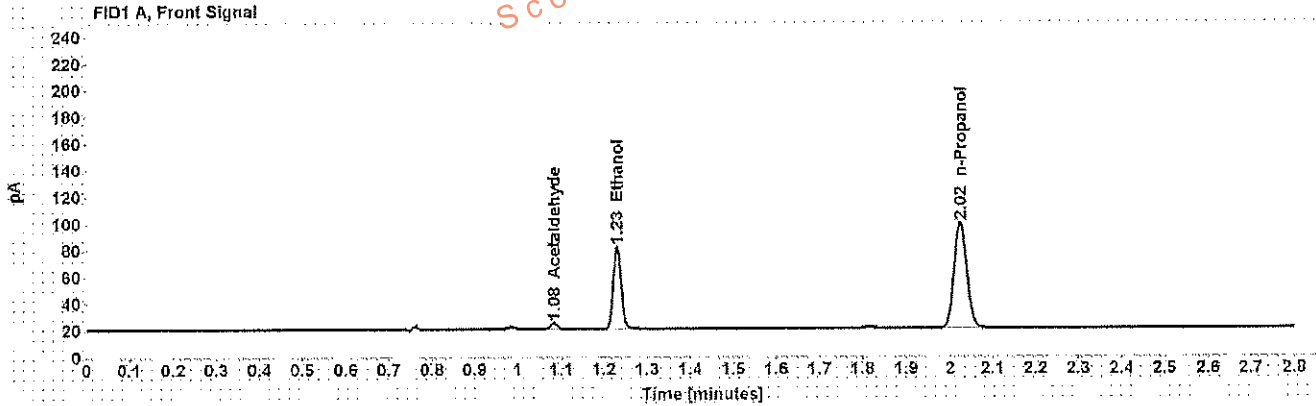


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	4.765
>Ethanol	0.1320	1.230	79.065
n-Propanol	-----	2.024	181.373

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.660
Ethanol	1.327	75.635
n-Propanol	2.344	154.645

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1144149
Injection date: 4/19/2017 1:14:15 PM	Vial: 13
Method: ethanol quant M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\19Apr17\13.D	

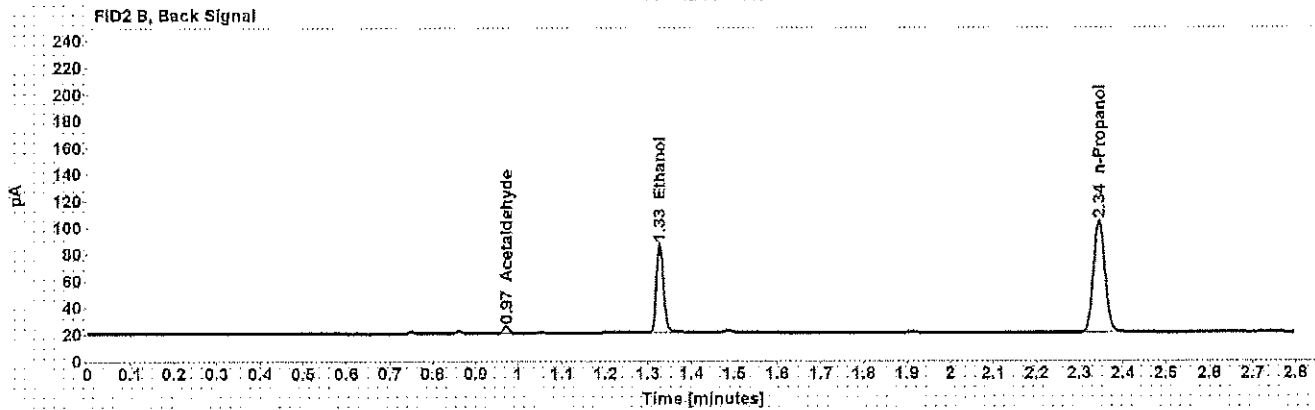
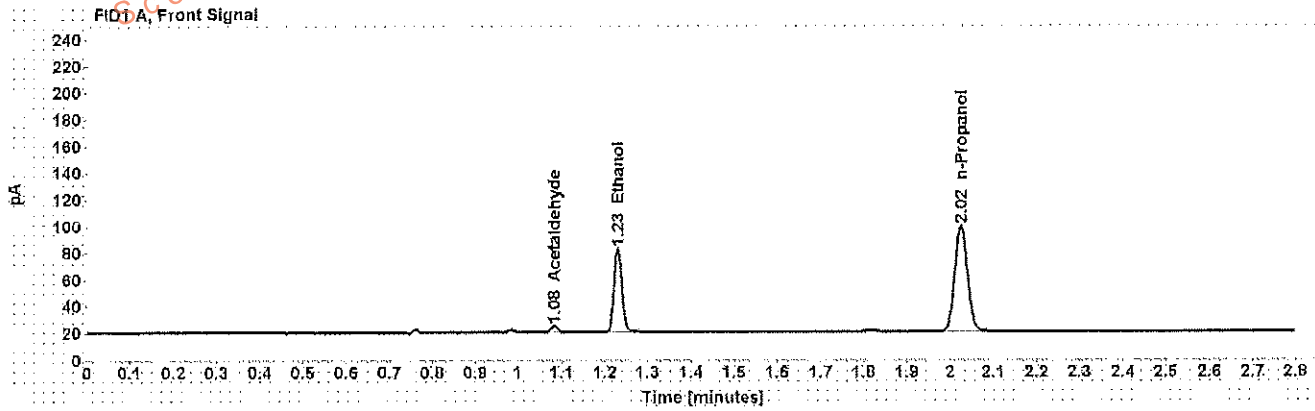


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	4.820
>Ethanol	0.1332	1.230	80.227
n-Propanol	-----	2.025	162.340

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.844
Ethanol	1.327	76.807
n-Propanol	2.345	155.419

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	150-01A
Injection date:	4/19/2017 1:18:16 PM	Vial:	14
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\1\Data\19Apr17\14.D		

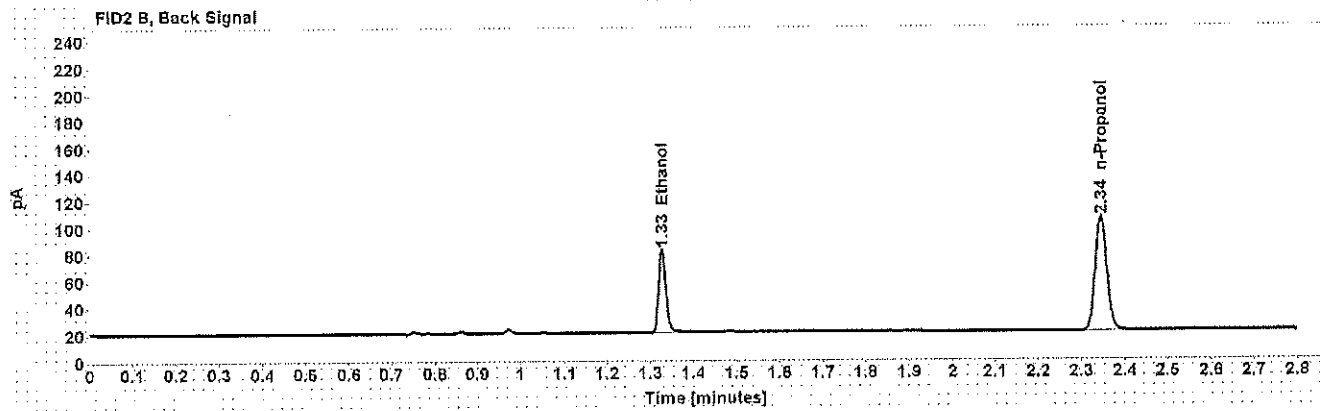
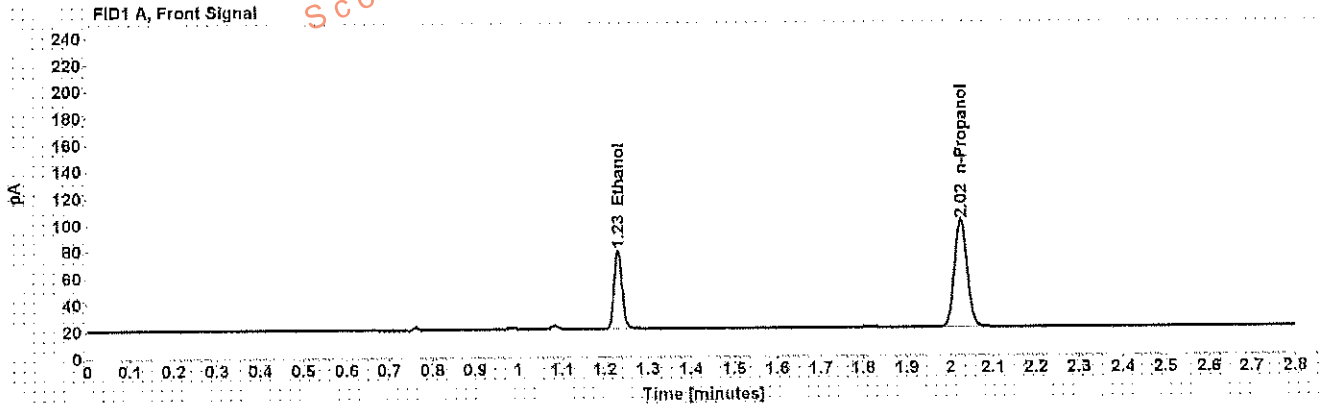


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1237	1.230	75.467
n-Propanol	-----	2.025	164.411

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

Compound	Time (min)	Peak Area
Ethanol	1.327	72.226
n-Propanol	2.345	157.754

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	150-01A
Injection date:	4/19/2017 1:22:15 PM	Vial:	15
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\19Apr17\15.D		

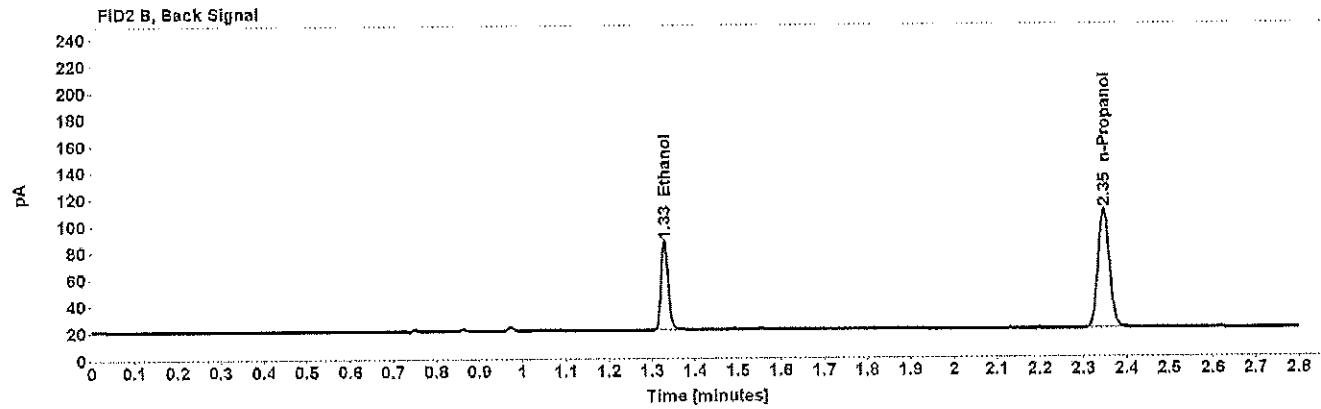
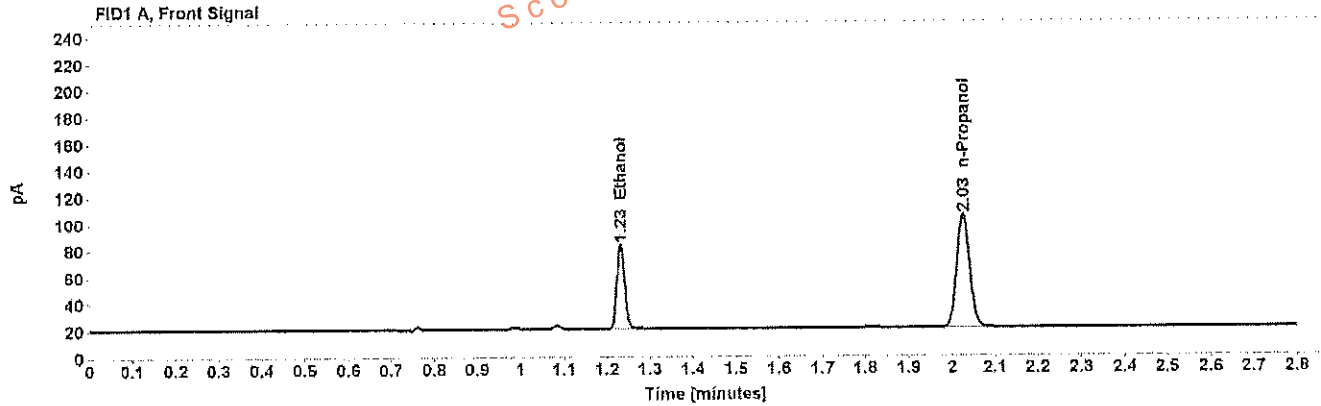


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1260	1.231	80.569
n-Propanol	-----	2.026	172.297

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

Compound	Time (min)	Peak Area
Ethanol	1.329	77.185
n-Propanol	2.348	165.601

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 327-01A
Injection date: 4/19/2017 1:26:16 PM	Vial: 16
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160048	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\16.D	

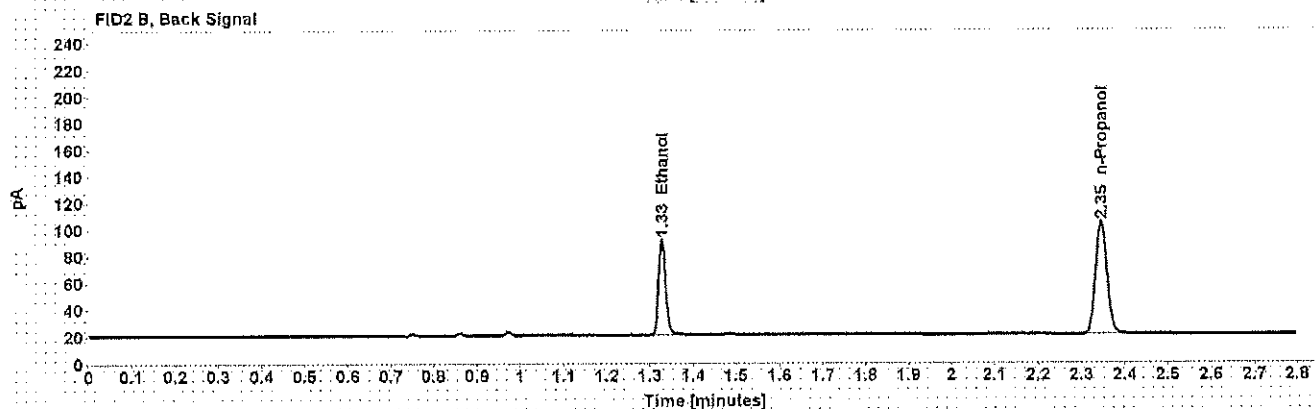
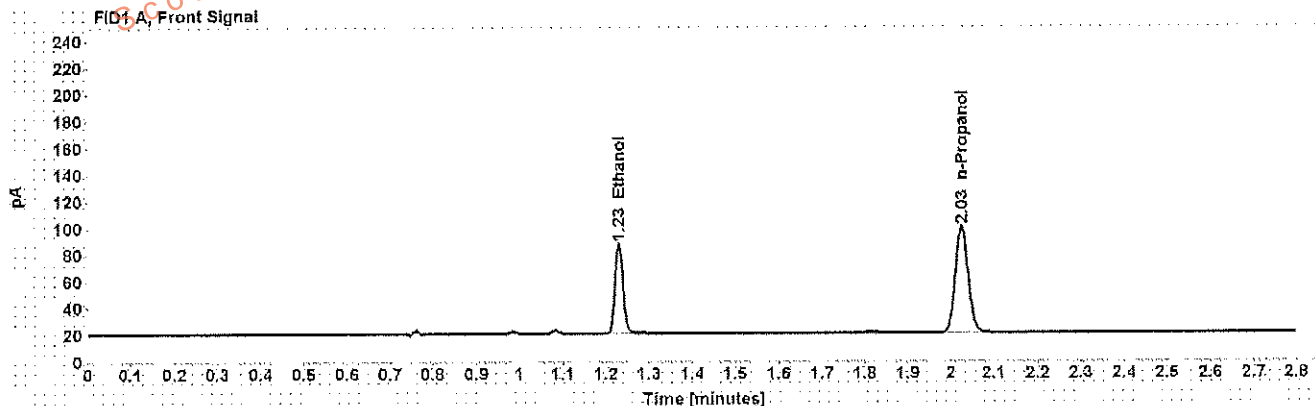


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1436	1.231	86.678
n-Propanol	-----	2.025	162.594

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

Compound	Time (min)	Peak Area
Ethanol	1.328	83.162
n-Propanol	2.345	156.000

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	327-01A
Injection date:	4/19/2017 1:30:15 PM	Vial:	17
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\19Apr17\17.D		

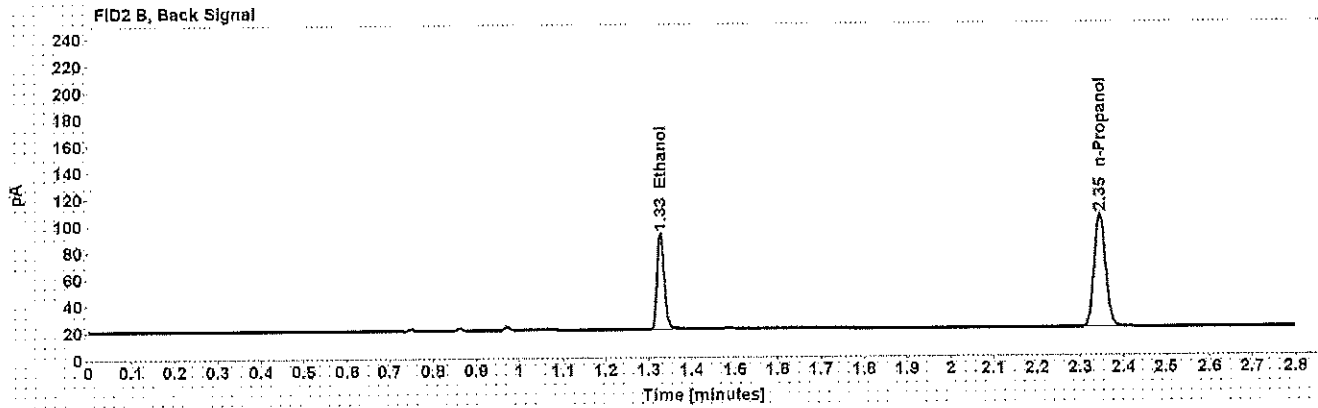
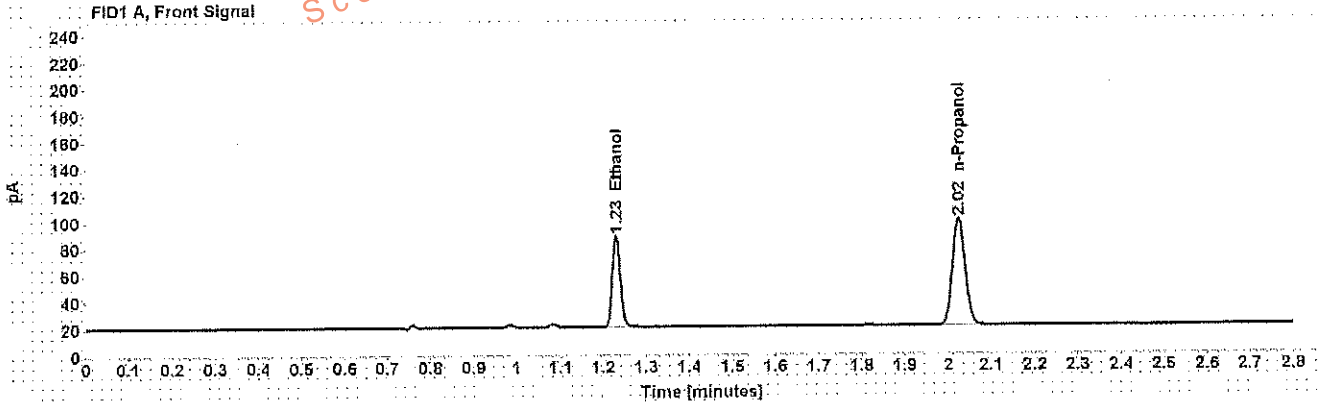


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1437	1.230	87.177
n-Propanol	-----	2.025	163.400

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

Compound	Time (min)	Peak Area
Ethanol	1.328	83.733
n-Propanol	2.345	156.917

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	[REDACTED]	Item number:	1147856
Injection date:	4/19/2017 1:34:15 PM	Vial:	18
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\19Apr17\18.D		

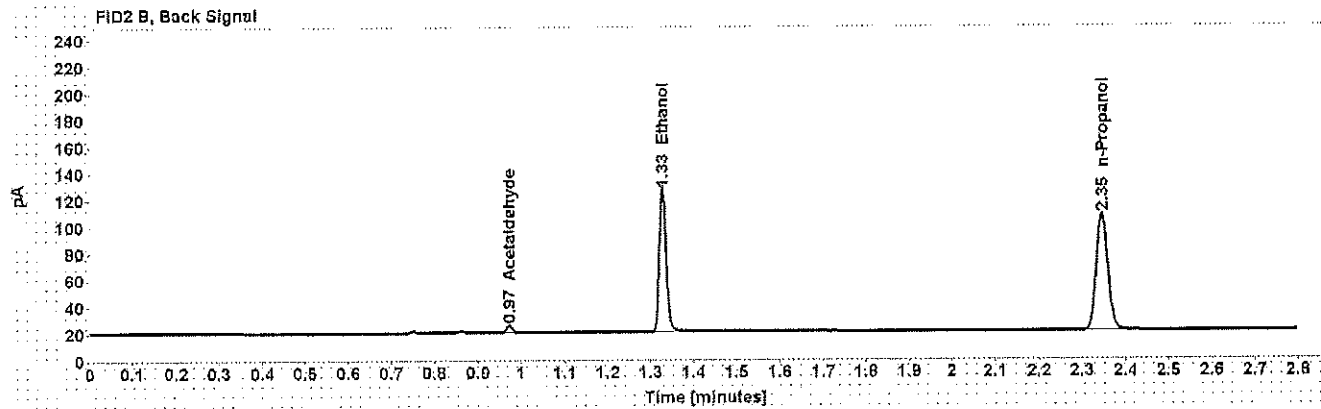
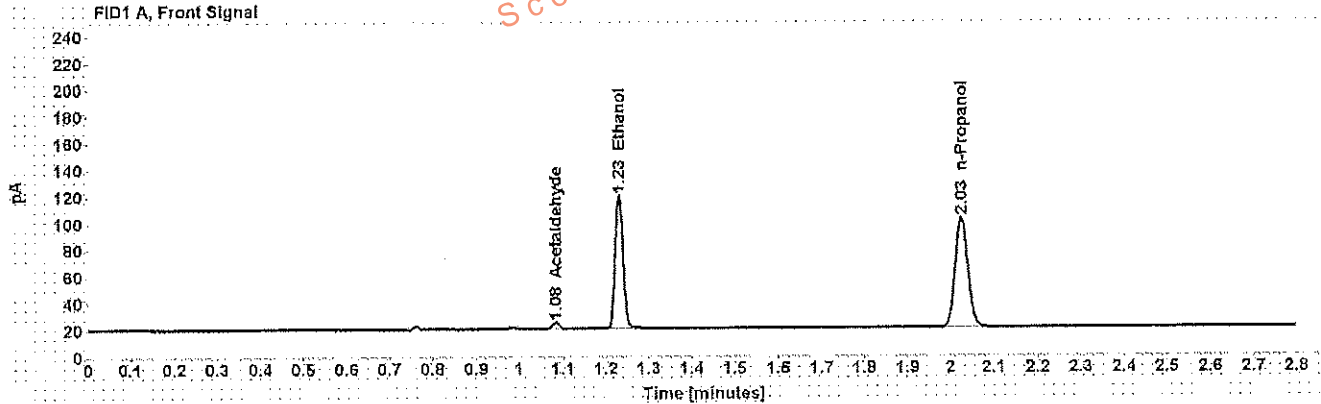


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.084	4.964
>Ethanol	0.2048	1.231	128.503
n-Propanol	-----	2.025	168.697

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.859
Ethanol	1.328	123.530
n-Propanol	2.346	161.834

Case: [REDACTED] User: wadrian 4/20/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1147856
Injection date: 4/19/2017 1:38:30 PM	Vial: 19
Method: ethanol.quant.M	Sequence: 19Apr17
Instrument: US14173023.CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\19.D	

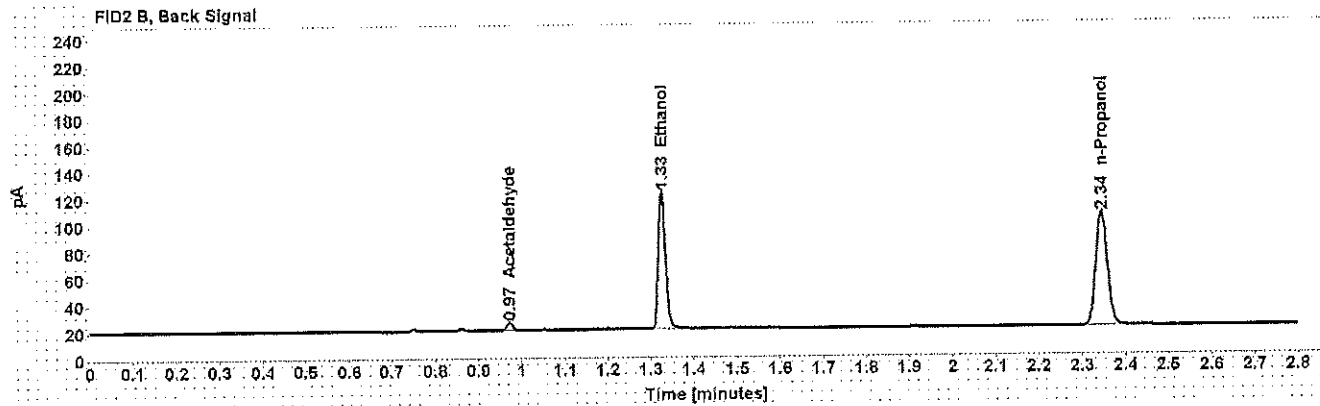
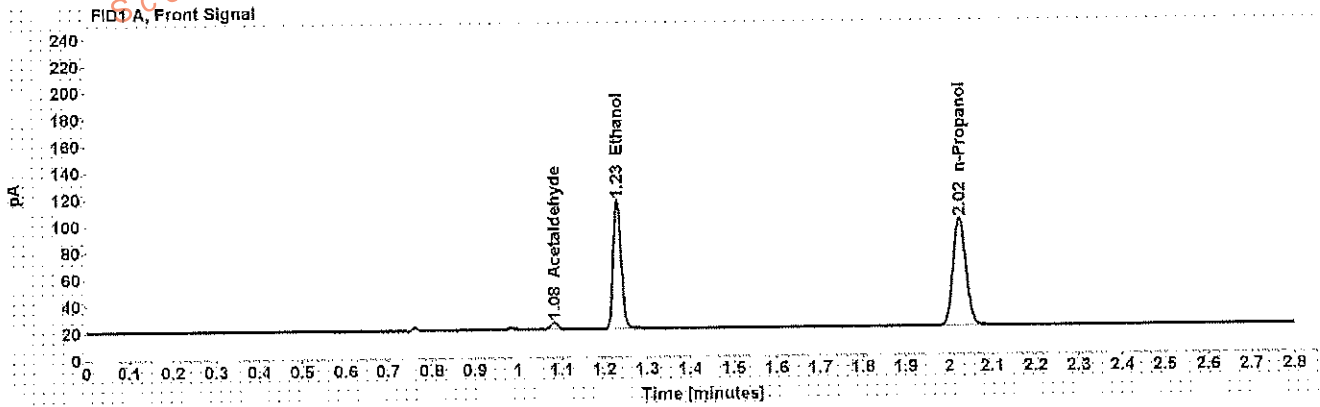


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.214
>Ethanol	0.2014	1.230	123.292
n-Propanol	-----	2.025	164.550

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.193
Ethanol	1.327	118.411
n-Propanol	2.345	157.838

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1145326
Injection date: 4/19/2017 1:46:30 PM	Vial: 21
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Apr17\21.D	

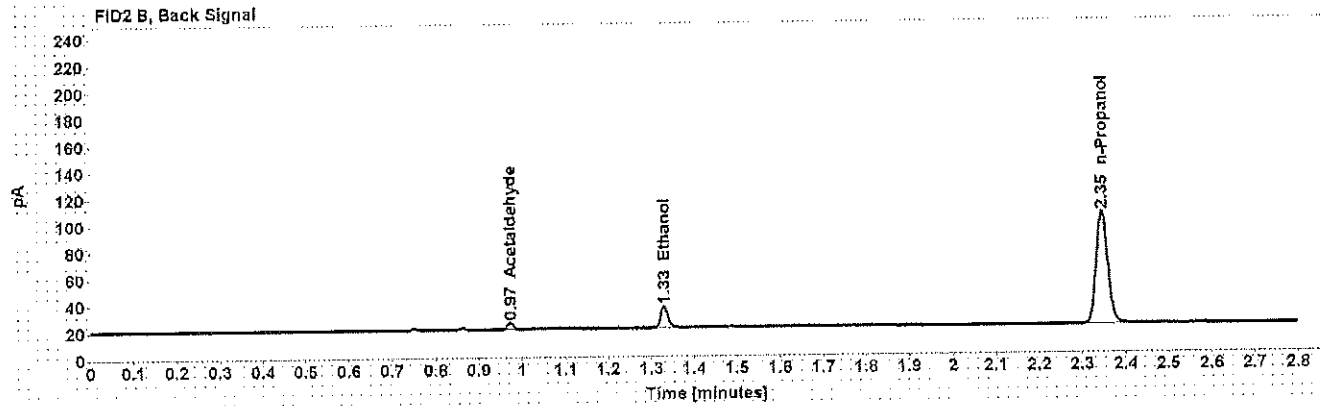
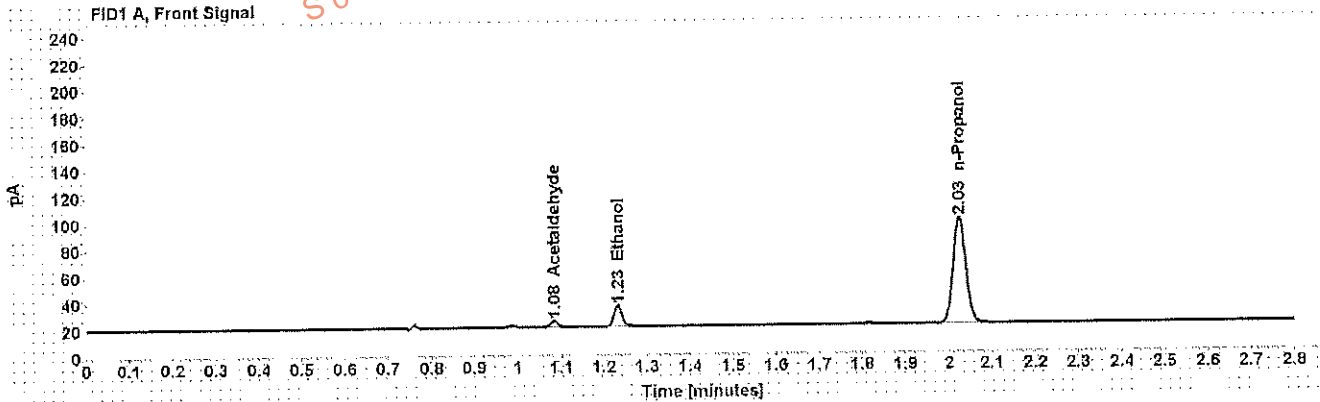


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	4.816
>Ethanol	0.0335	1.232	19.817
n-Propanol	-----	2.025	162.251

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.739
Ethanol	1.330	19.052
n-Propanol	2.346	155.896

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1145326
Injection date:	4/19/2017 1:50:30 PM	Vial:	22
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\19Apr17\22.D		

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Scottsdale City Prosecutor

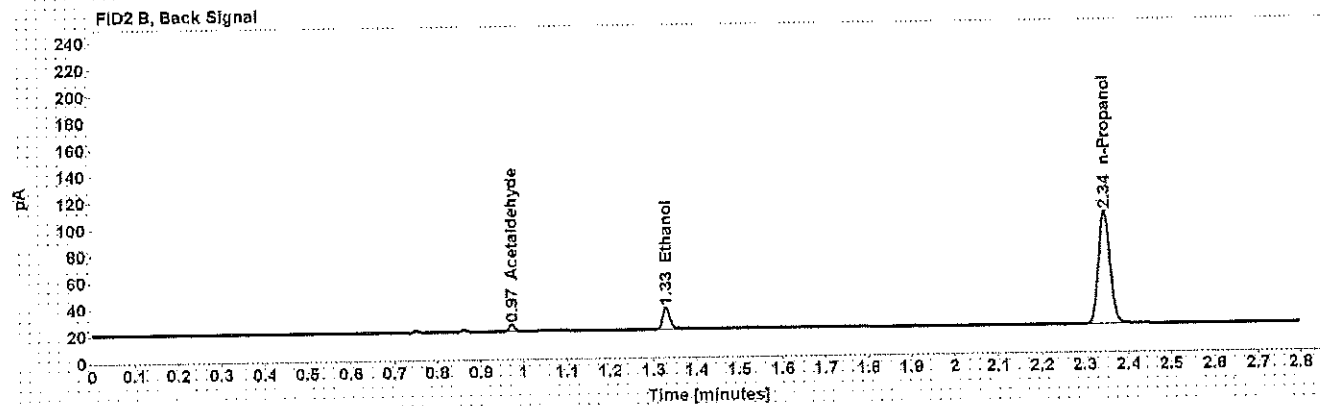
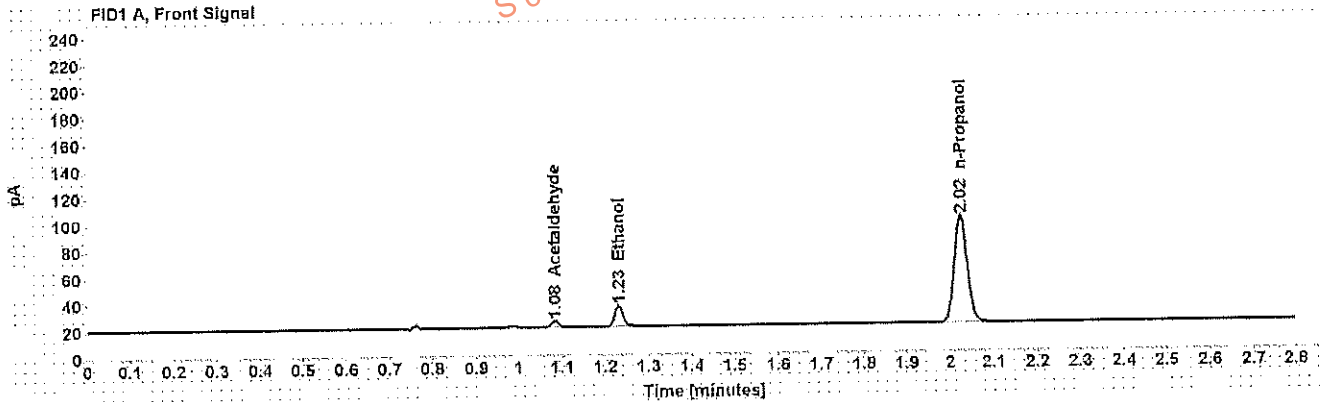


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	4.818
>Ethanol	0.0334	1.231	19.907
n-Propanol	-----	2.025	163.748

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.769
Ethanol	1.329	19.164
n-Propanol	2.345	157.324

Case: [REDACTED] User: wadrian 4/20/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1143560
Injection date: 4/19/2017 1:54:30 PM Vial: 23
Method: ethanol quant.M Sequence: 19Apr17
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\23.D

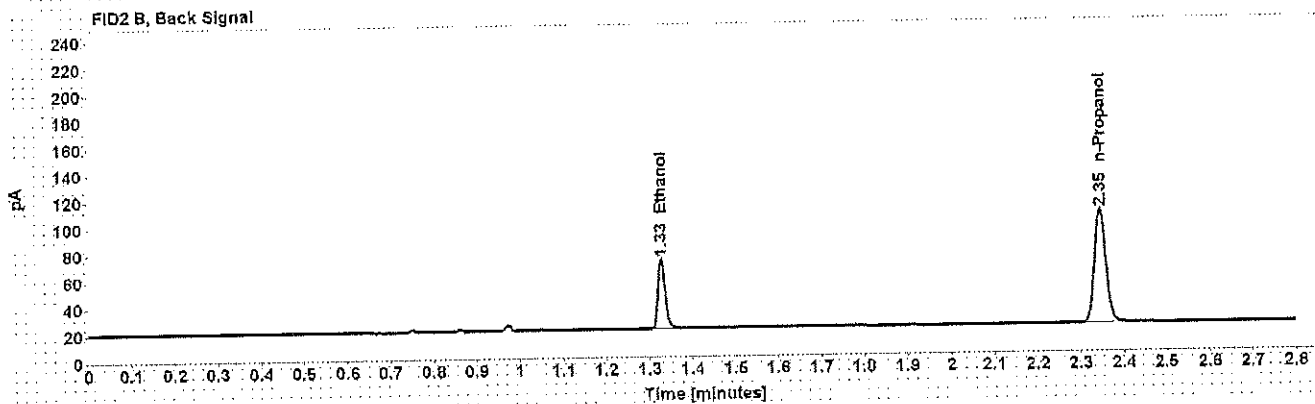
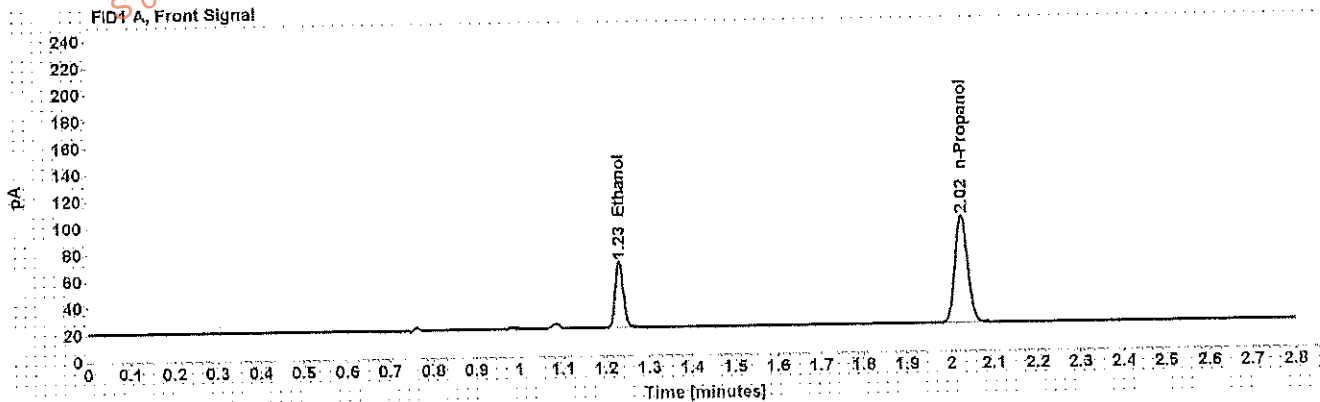


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1042	1.231	63.279
n-Propanol	-----	2.025	163.992

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

Compound	Time (min)	Peak Area
Ethanol	1.328	60.646
n-Propanol	2.345	157.512

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1143560
Injection date: 4/19/2017 1:58:30 PM	Vial: 24
Method: ethanol quant M	Sequence: 19Apr17
Instrument: US14073023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Apr17\24.D	

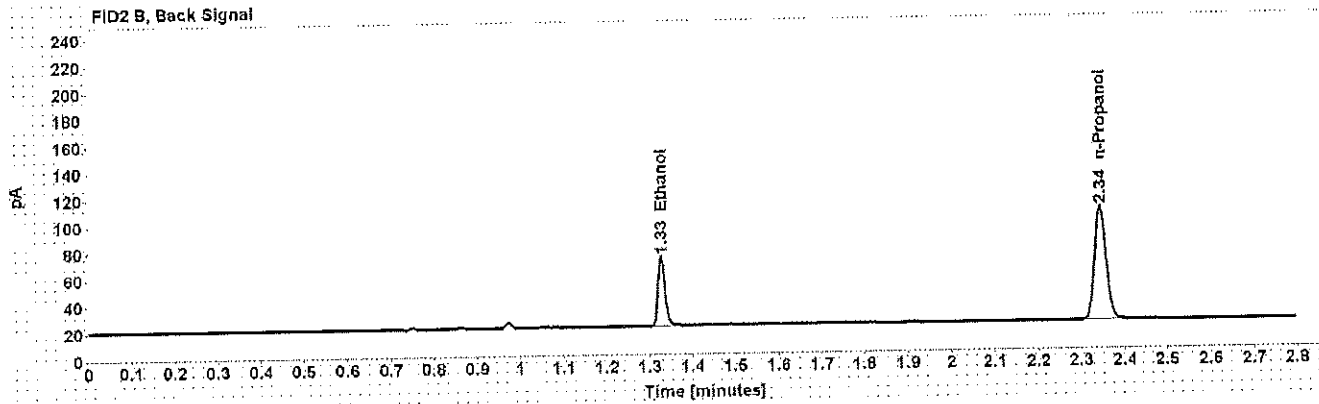
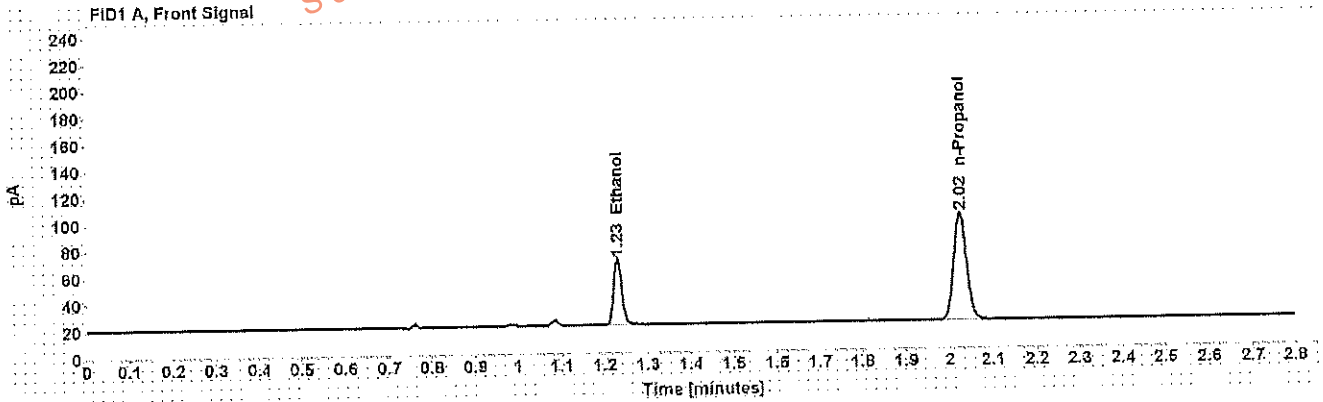


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1039	1.230	63.279
n-Propanol	-----	2.025	164.423

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

Compound	Time (min)	Peak Area
Ethanol	1.327	60.616
n-Propanol	2.345	157.769

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1143537
Injection date:	4/19/2017 2:02:45 PM	Vial:	25
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\19Apr17\25.D		

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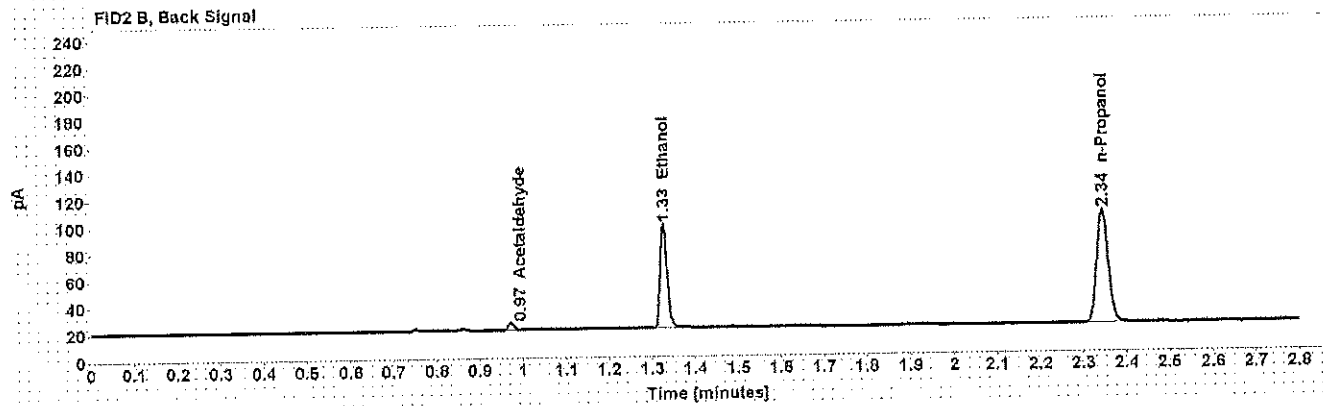
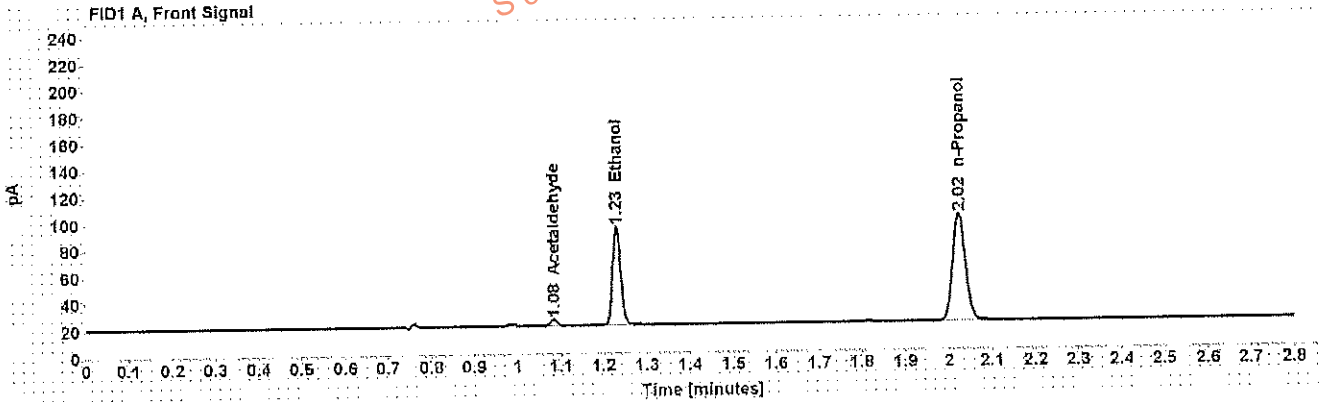


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	4.807
>Ethanol	0.1548	1.230	94.256
n-Propanol	-----	2.025	163.951

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.801
Ethanol	1.327	90.347
n-Propanol	2.345	157.358

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1143537
Injection date: 4/19/2017 2:06:45 PM	Vial: 26
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
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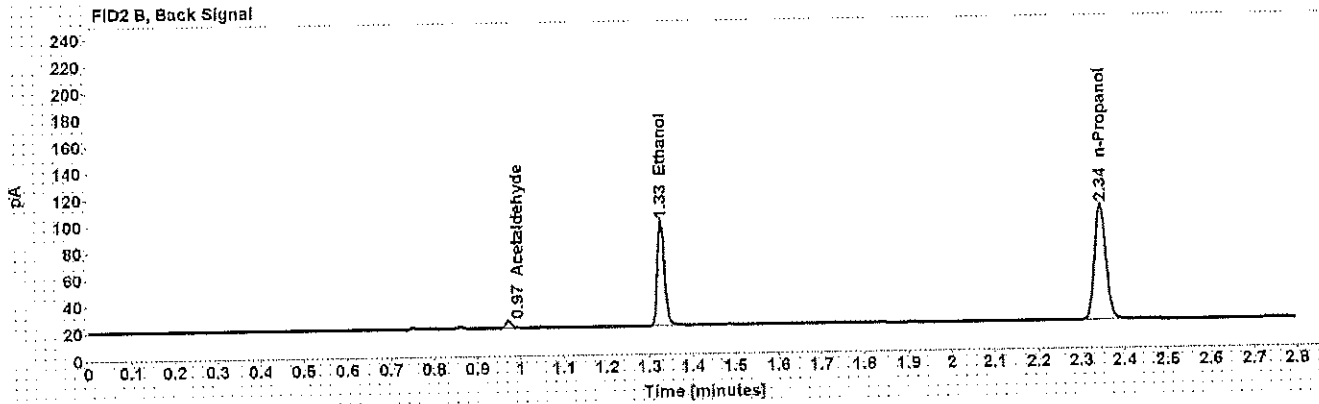
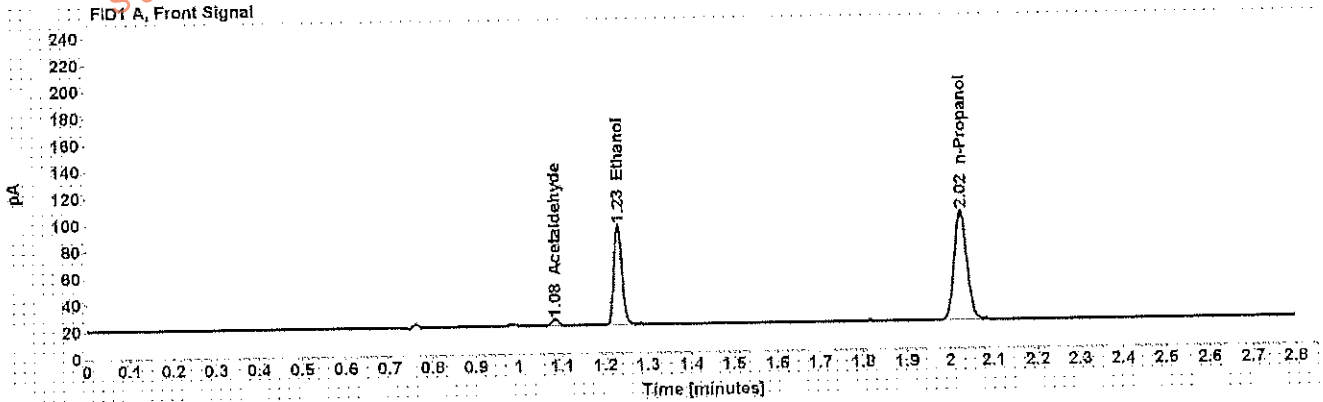


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	4.886
>Ethanol	0.1543	1.230	95.547
n-Propanol	-----	2.025	166.704

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.880
Ethanol	1.327	91.407
n-Propanol	2.345	159.949

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1123484
Injection date: 4/19/2017 2:10:45 PM	Vial: 27
Method: ethanol quant M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Apr17\27.D	

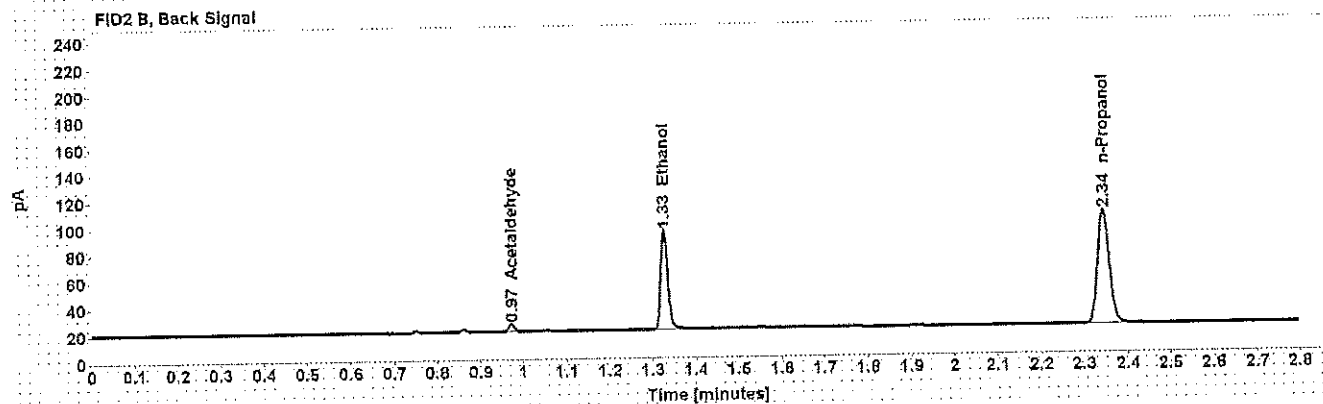
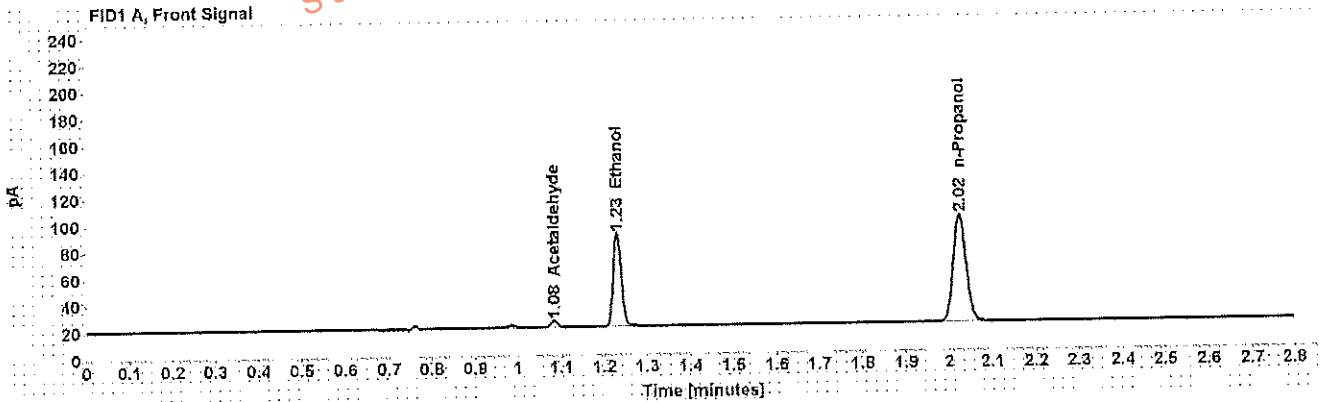


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	4.913
>Ethanol	0.1468	1.230	89.333
n-Propanol	-----	2.025	163.814

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.793
Ethanol	1.327	85.662
n-Propanol	2.344	157.729

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1123484
Injection date: 4/19/2017 2:14:45 PM	Vial: 28
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\28.D	

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Scottsdale City Prosecutor

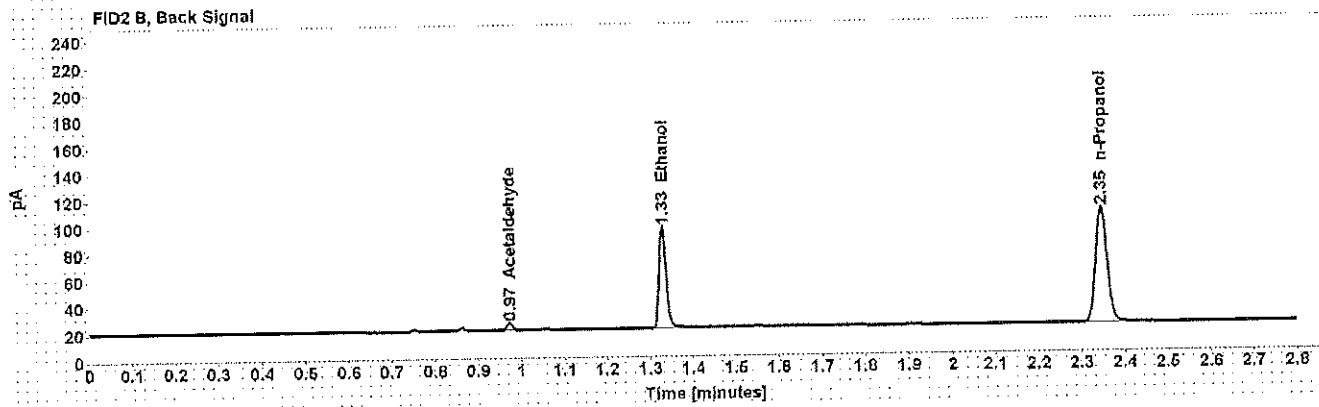
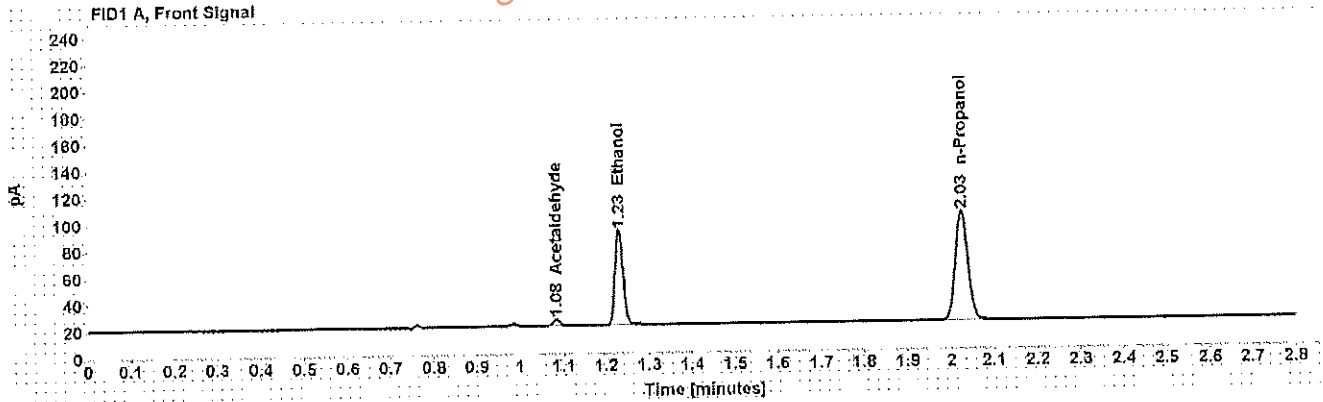


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.005
>Ethanol	0.1479	1.231	91.342
n-Propanol	-----	2.025	166.277

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.956
Ethanol	1.328	87.538
n-Propanol	2.346	160.237

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1105816
Injection date: 4/19/2017 2:18:45 PM	Vial: 29
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
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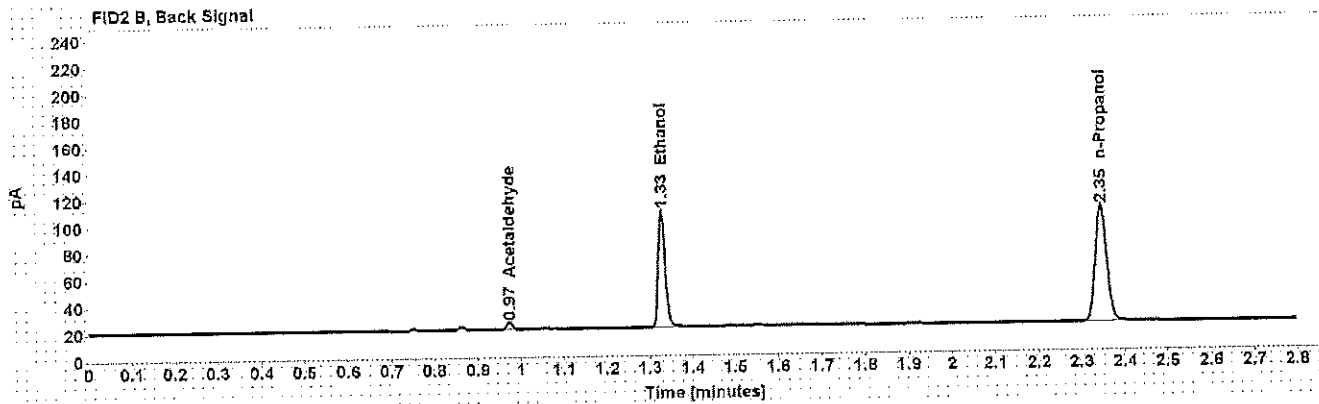
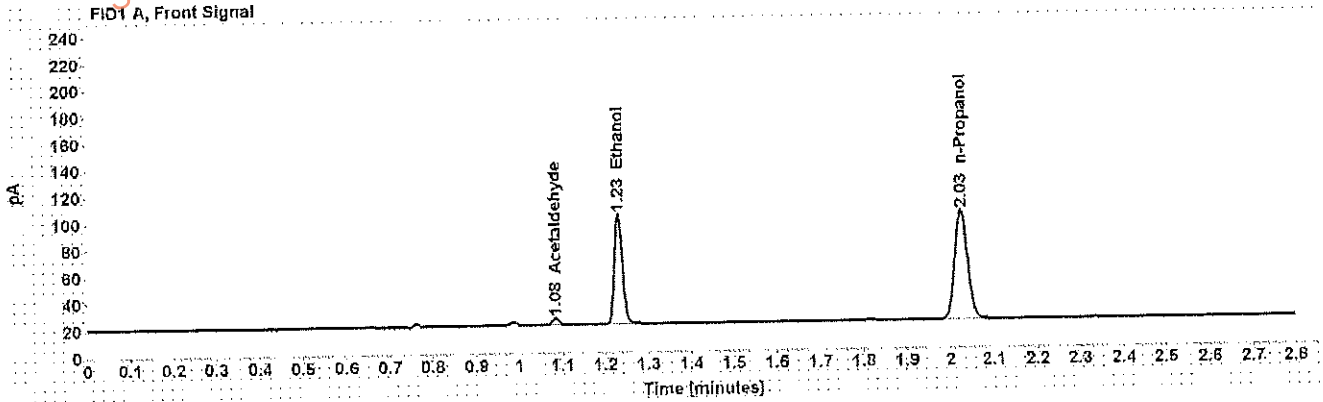


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	4.986
>Ethanol	0.1704	1.231	105.760
n-Propanol	-----	2.025	166.952

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.903
Ethanol	1.328	101.691
n-Propanol	2.345	160.717

Case: [REDACTED] User: wadrian 4/20/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1105816
Injection date:	4/19/2017 2:22:45 PM	Vial:	30
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\1Data\19Apr17\30.D		

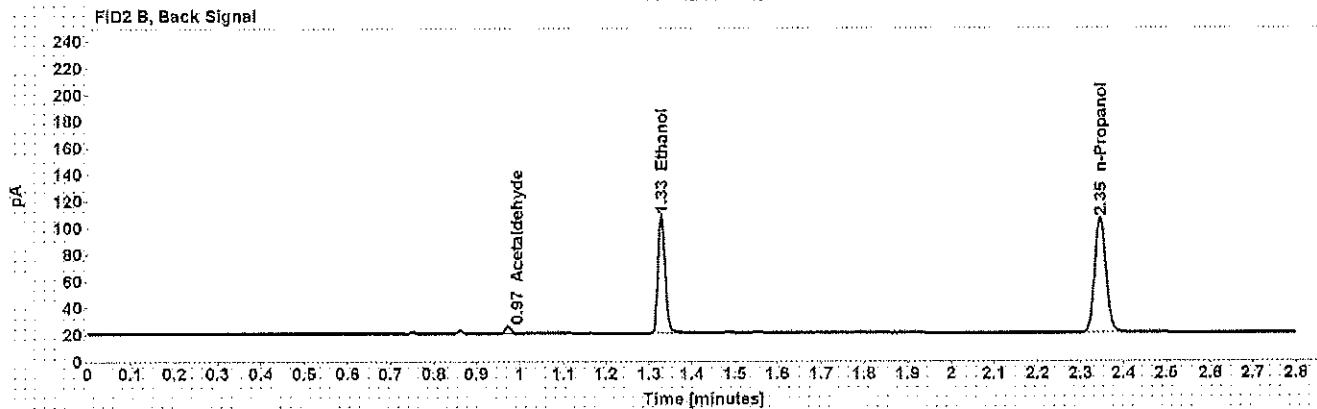
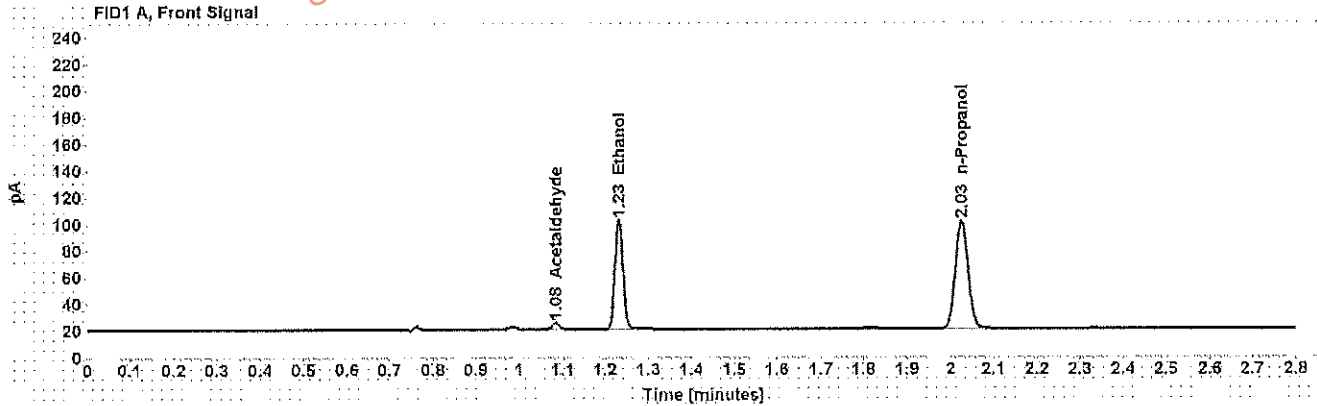


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.084	4.993
>Ethanol	0.1719	1.231	105.577
n-Propanol	-----	2.025	165.240

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.084
Ethanol	1.328	101.527
n-Propanol	2.346	159.029

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1103663
Injection date:	4/19/2017 2:31:00 PM	Vial:	32
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\19Apr17\32.D		

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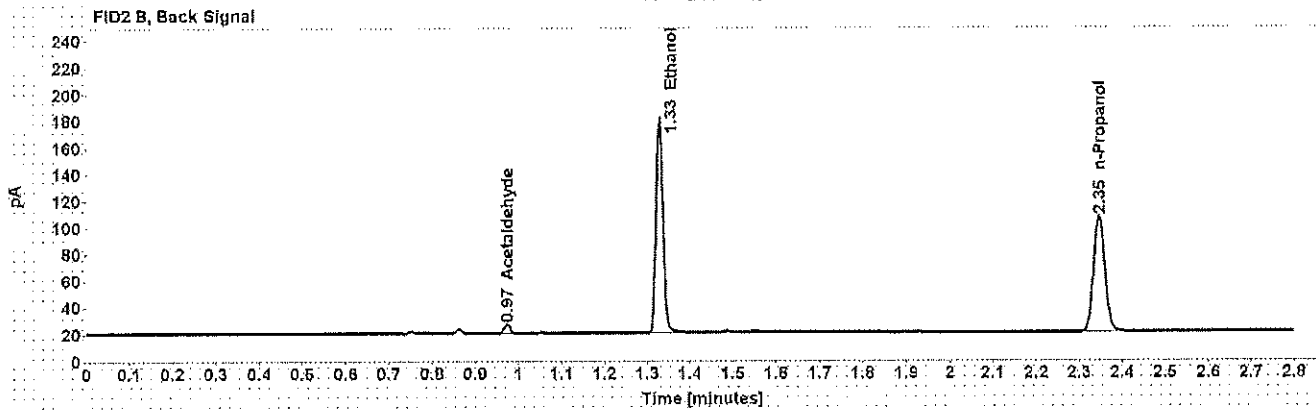
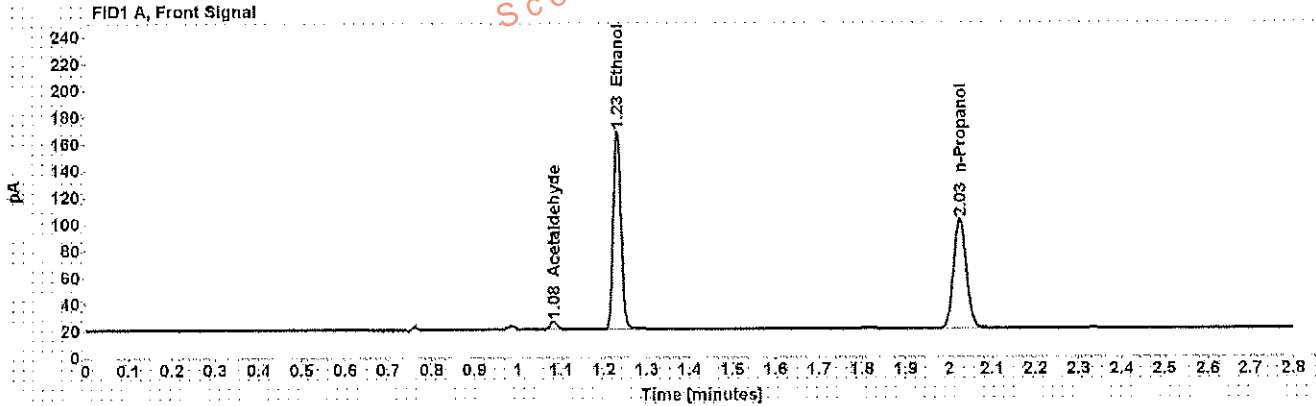


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.084	6.124
>Ethanol	0.3070	1.231	190.521
n-Propanol	-----	2.025	166.607

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	6.056
Ethanol	1.328	184.602
n-Propanol	2.346	160.469

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1103663
Injection date: 4/19/2017 2:35:00 PM	Vial: 33
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
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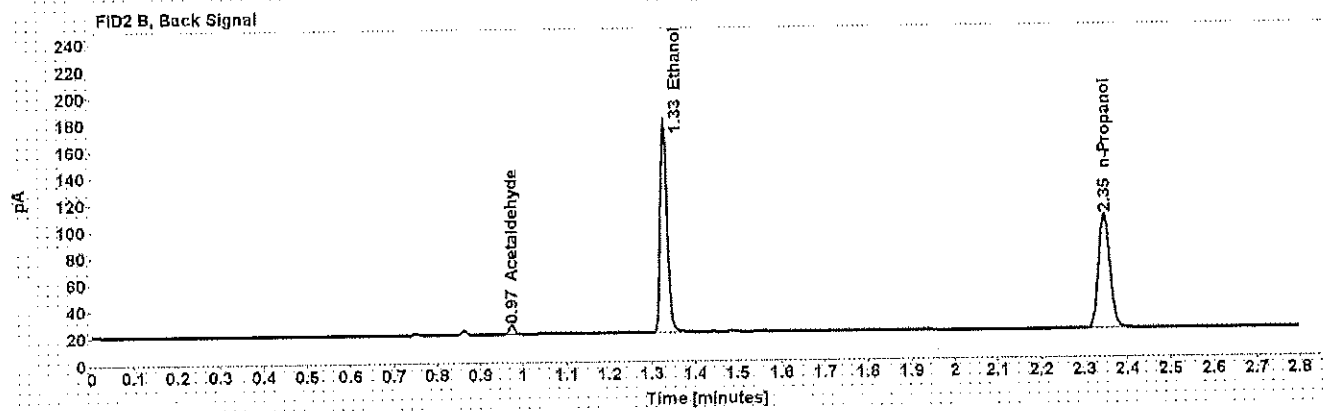
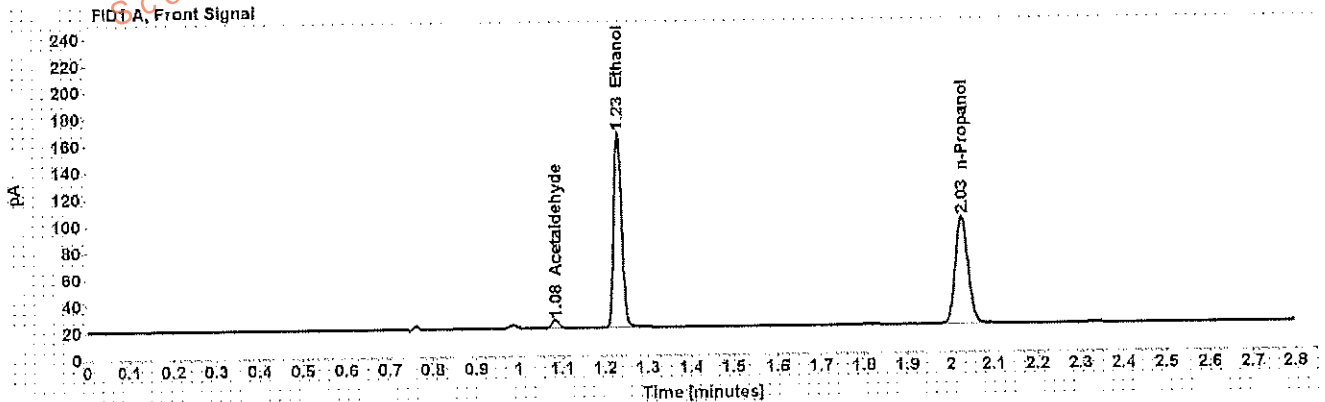


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.084	6.203
>Ethanol	0.3071	1.231	187.704
n-Propanol	-----	2.026	164.080

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	6.112
Ethanol	1.328	180.992
n-Propanol	2.346	158.051

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1144690
Injection date: 4/19/2017 2:39:00 PM	Vial: 34
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
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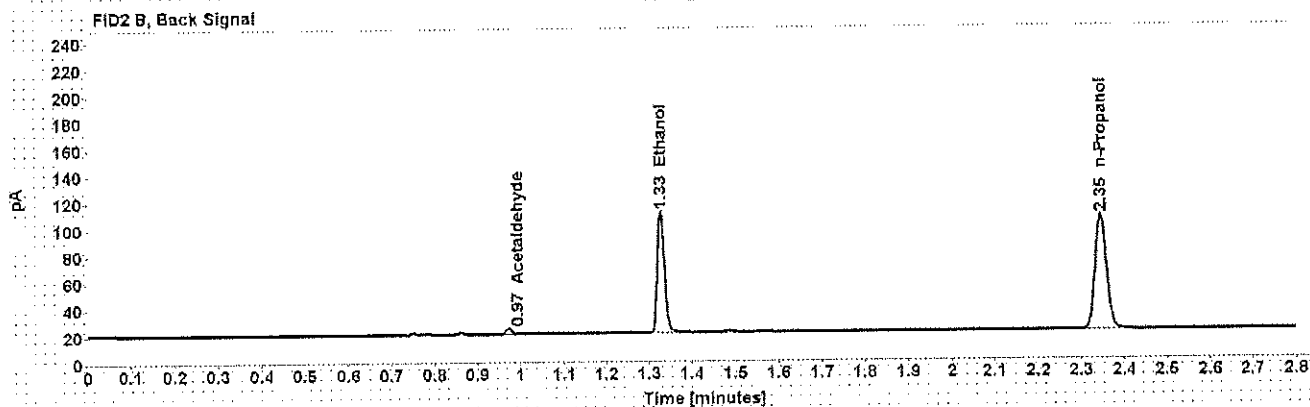
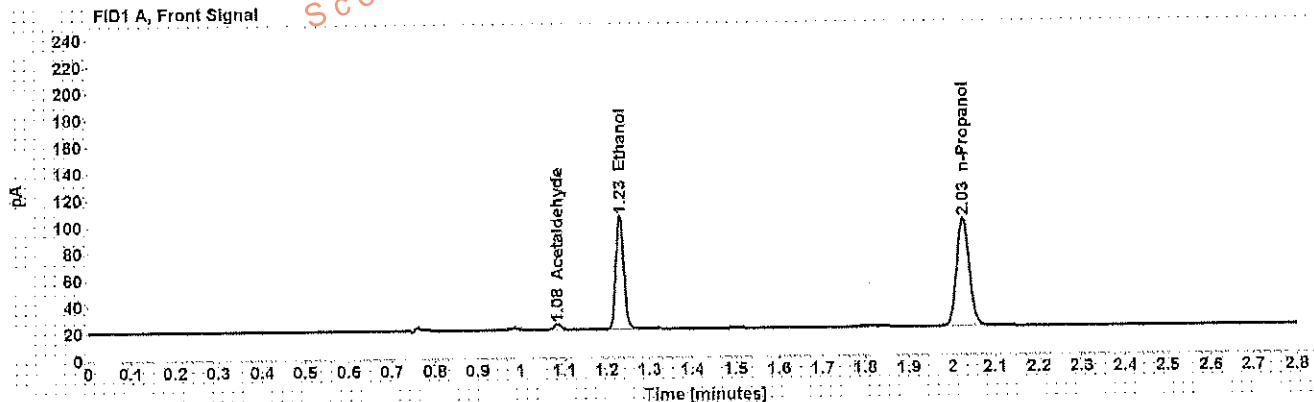


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	3.982
>Ethanol	0.1775	1.231	109.215
n-Propanol	-----	2.025	165.513

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.960
Ethanol	1.328	104.975
n-Propanol	2.346	158.848

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1144690
Injection date: 4/19/2017 2:43:00 PM	Vial: 35
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\35.D	

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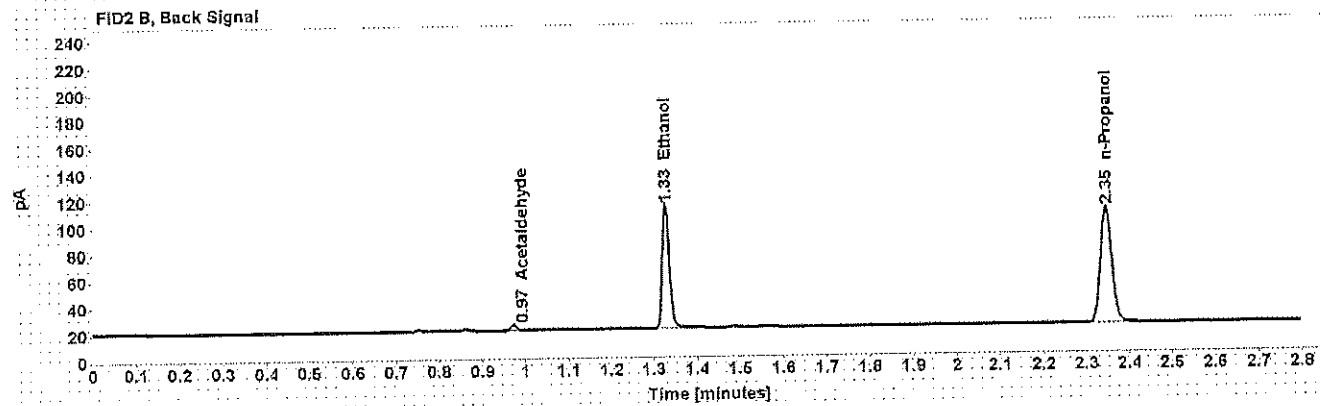
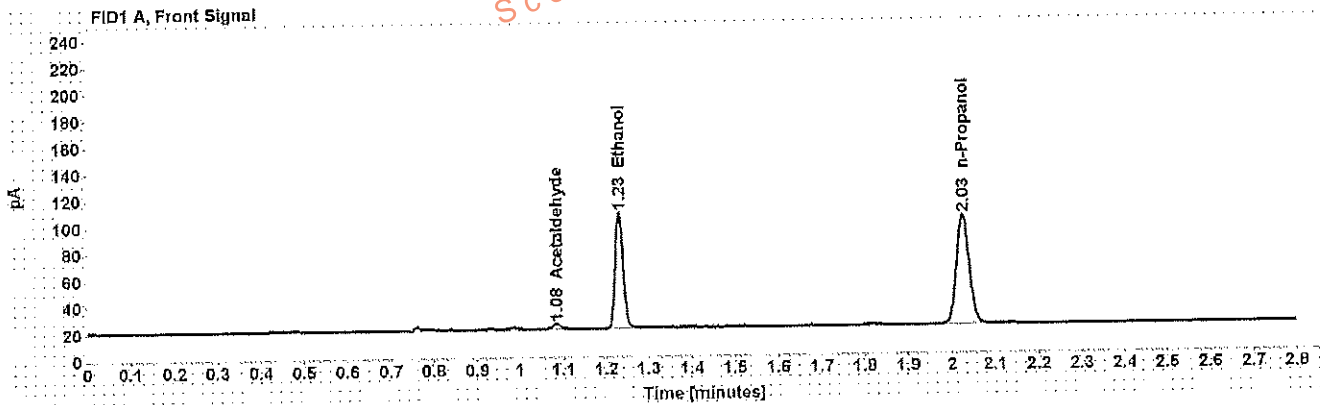


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.084	4.036
>Ethanol	0.1788	1.231	111.106
n-Propanol	-----	2.026	167.148

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.146
Ethanol	1.328	106.642
n-Propanol	2.346	160.406

Case: [REDACTED] User: wadrian 4/20/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1148129
Injection date: 4/19/2017 2:47:00 PM Vial: 36
Method: ethanol quant.M Sequence: 19Apr17
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem3211\Data\19Apr17\36.D

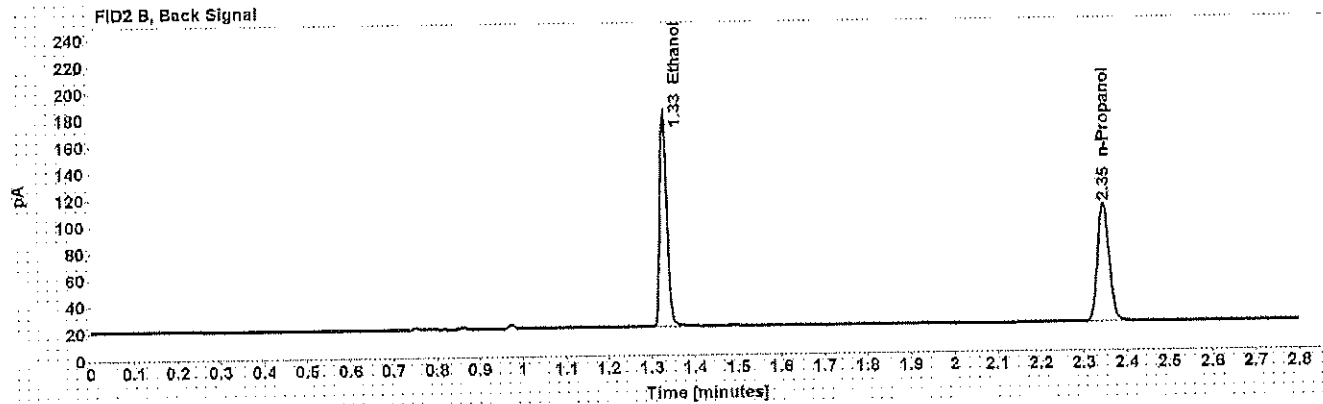
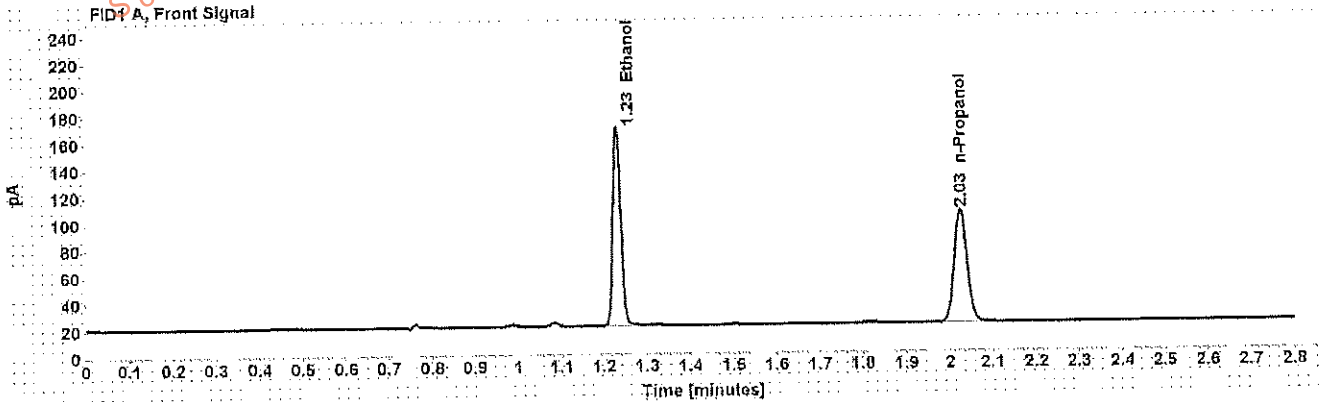


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2988	1.231	190.897
n-Propanol	-----	2.026	171.549

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

Compound	Time (min)	Peak Area
Ethanol	1.328	184.065
n-Propanol	2.346	164.649

Case: [REDACTED] User: wadrian 4/20/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1148129
Injection date:	4/19/2017 2:51:15 PM	Vial:	37
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023.CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\19Apr17\37.D		

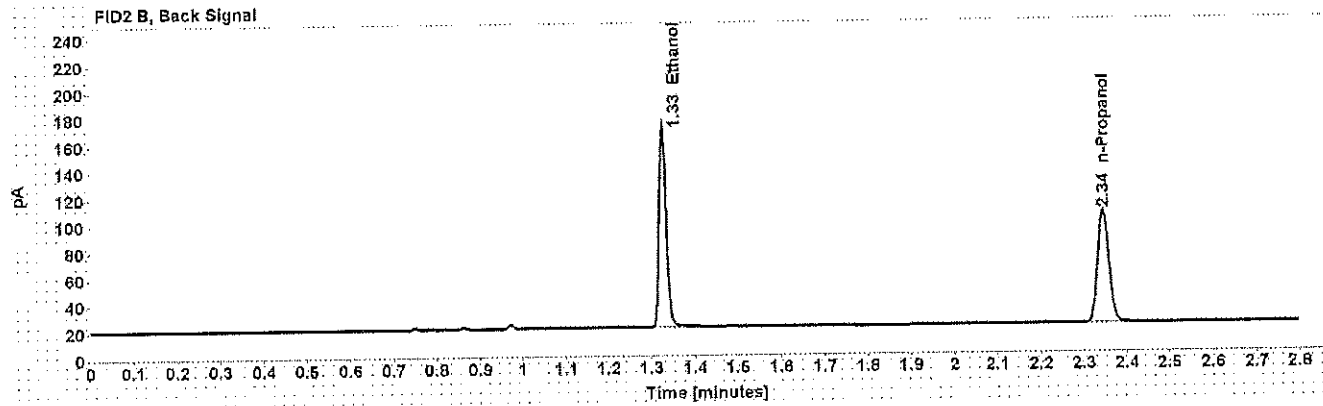
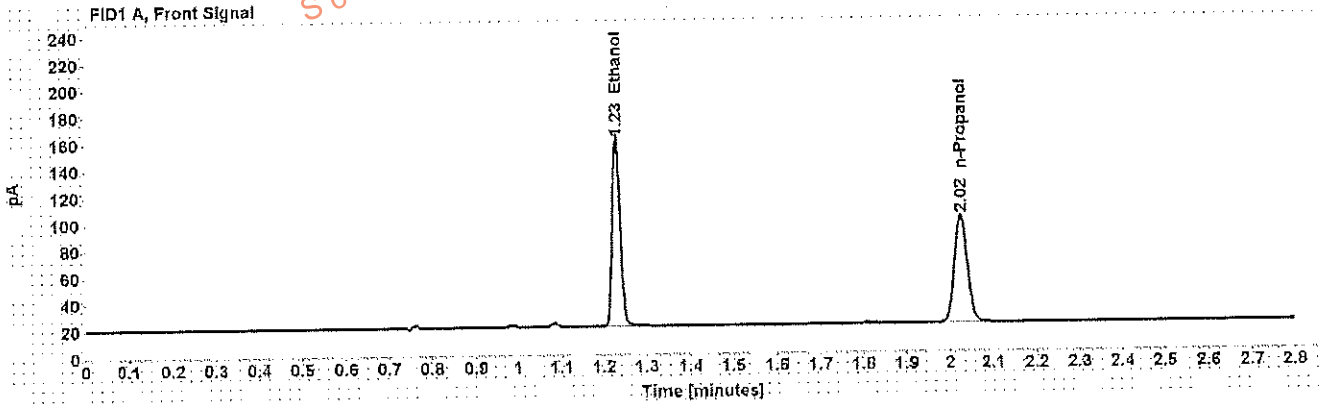


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2960	1.230	180.334
n-Propanol	-----	2.025	163.604

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

Compound	Time (min)	Peak Area
Ethanol	1.327	173.764
n-Propanol	2.345	157.112

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1148389
Injection date: 4/19/2017 2:55:15 PM	Vial: 38
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\38.D	

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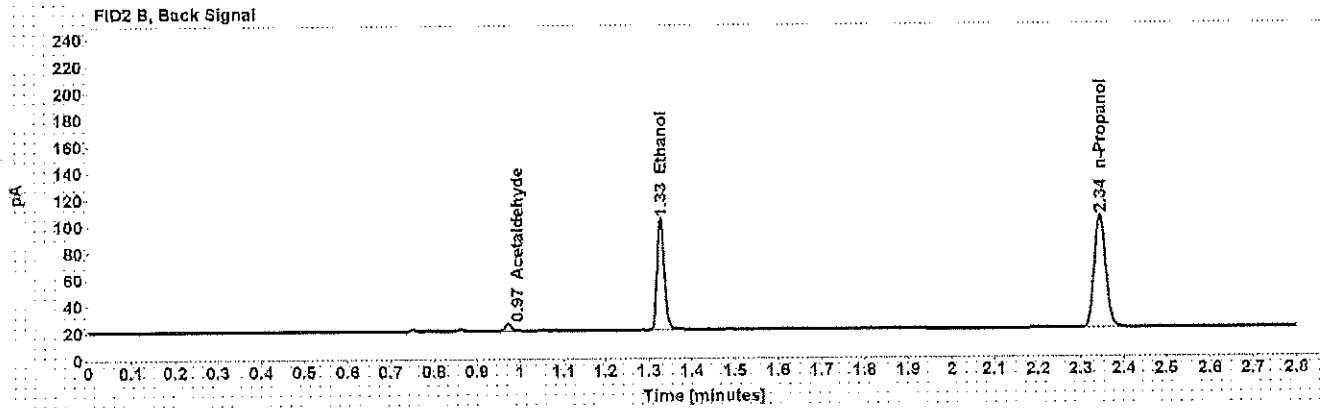
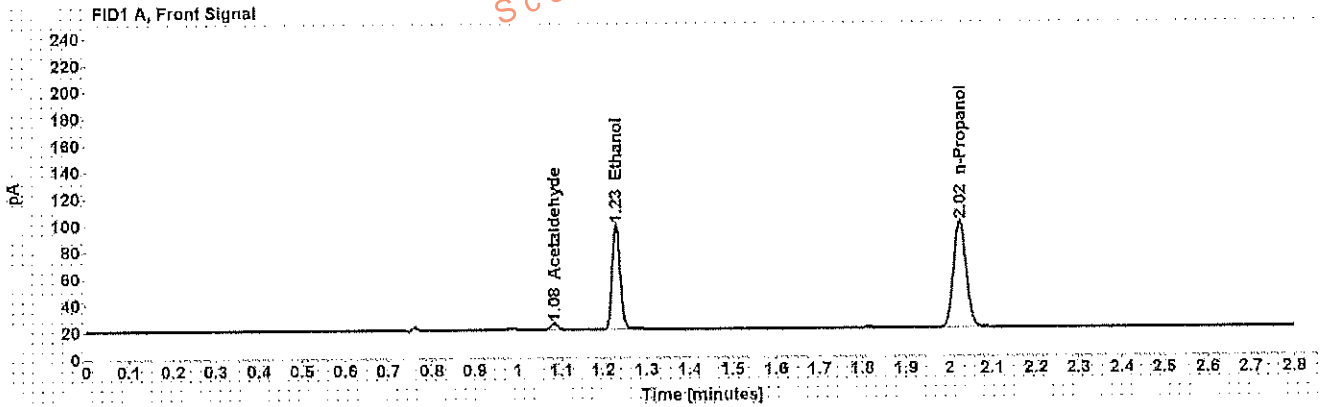


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	4.794
>Ethanol	0.1657	1.230	100.260
n-Propanol	-----	2.025	162.781

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.852
Ethanol	1.327	96.155
n-Propanol	2.345	156.406

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1148389
Injection date: 4/19/2017 2:59:16 PM	Vial: 39
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
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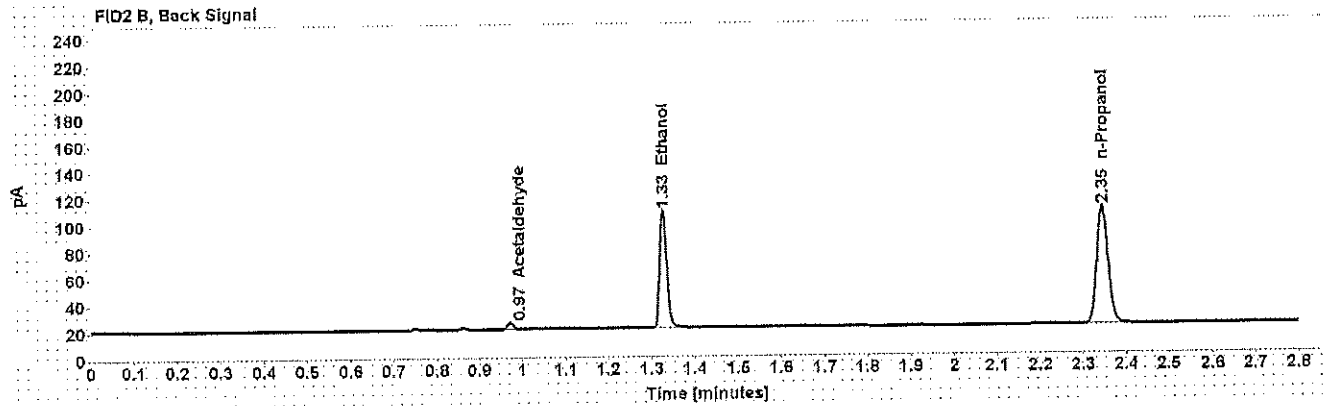
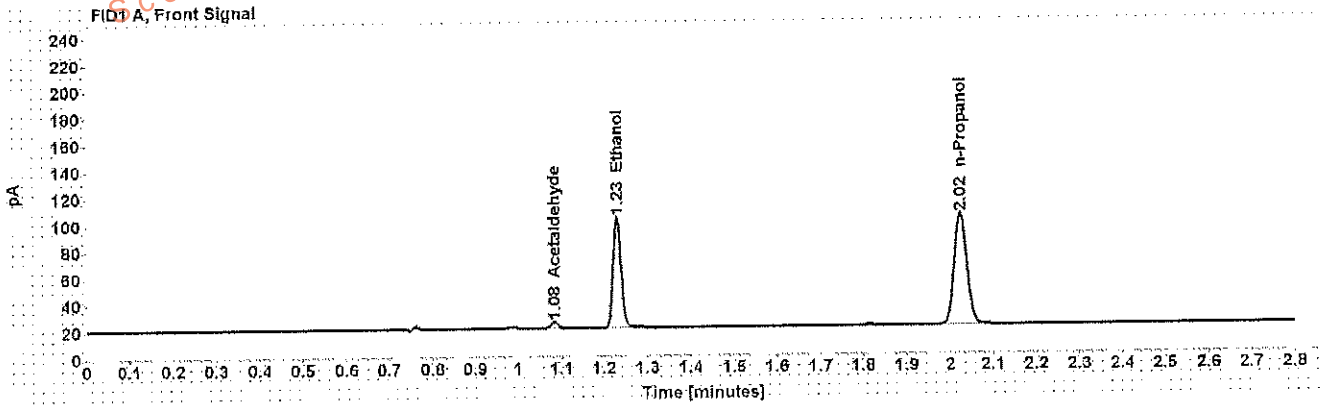


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	4.832
>Ethanol	0.1661	1.230	106.069
n-Propanol	-----	2.025	169.822

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.769
Ethanol	1.327	102.052
n-Propanol	2.345	163.196

Case: [REDACTED] User: wadrian 4/20/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1148548
Injection date: 4/19/2017 3:03:15 PM Vial: 40
Method: ethanol quant.M Sequence: 19Apr17
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem32\11\Data\19Apr17\40.D

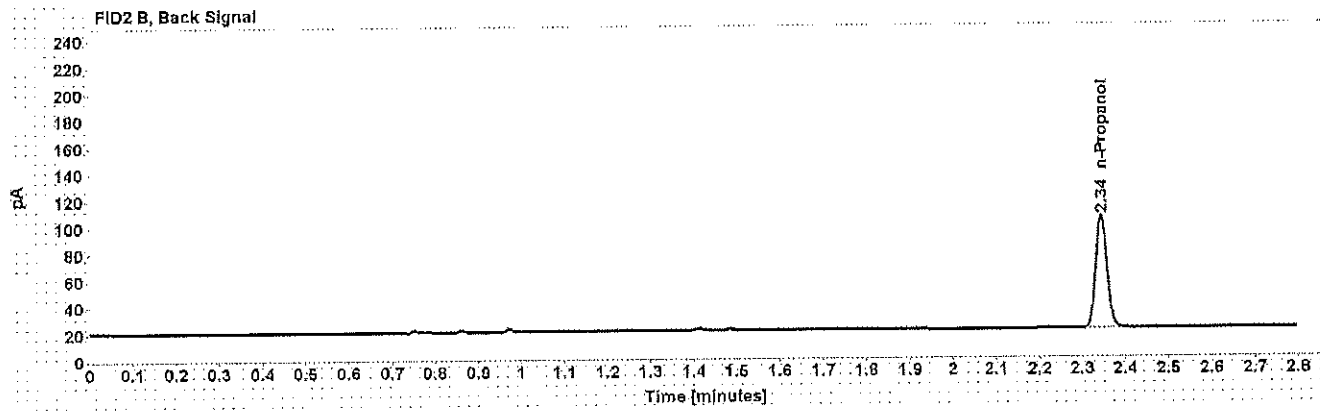
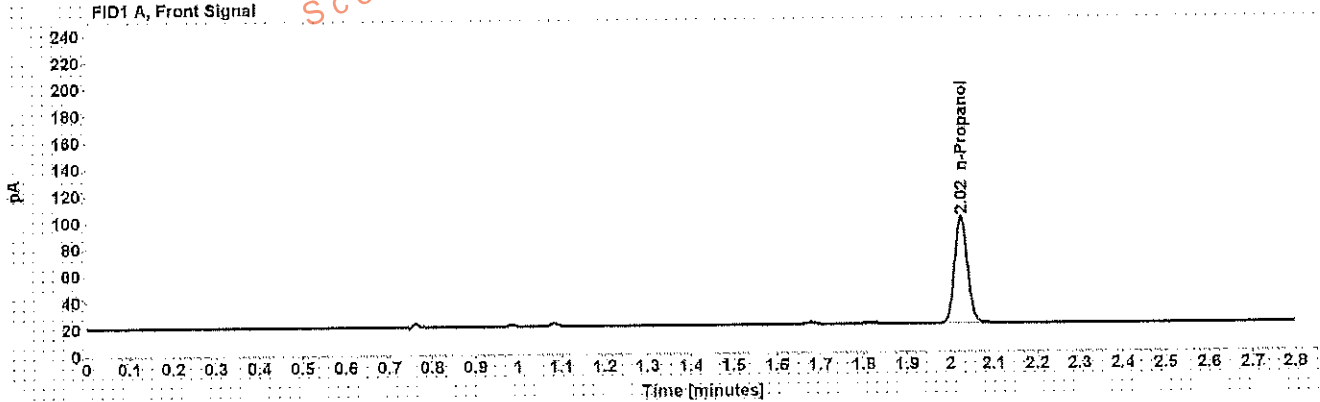


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.024	163.241

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

Compound	Time (min)	Peak Area
n-Propanol	2.344	156.797

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	[REDACTED]	Item number:	1148548
Injection date:	4/19/2017 3:07:15 PM	Vial:	41
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\19Apr17M1.D		

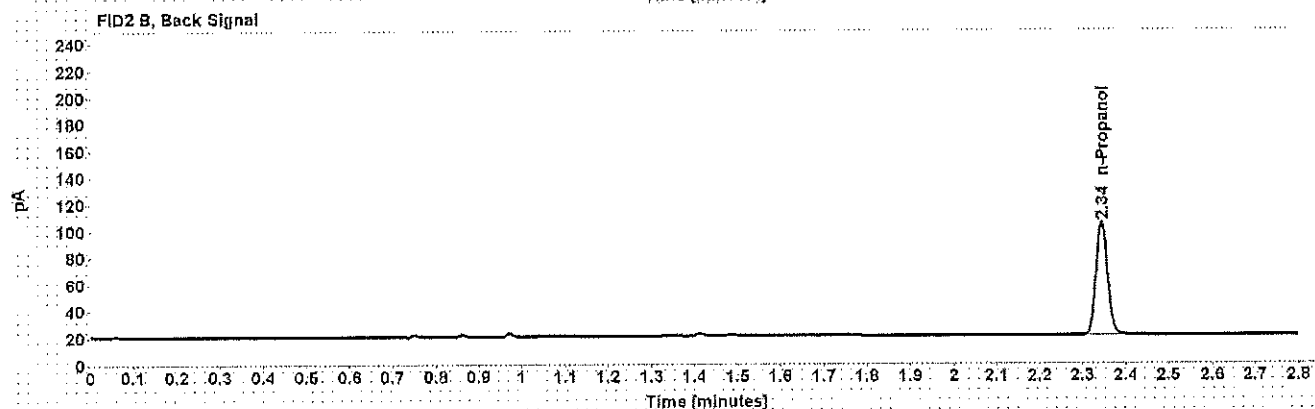
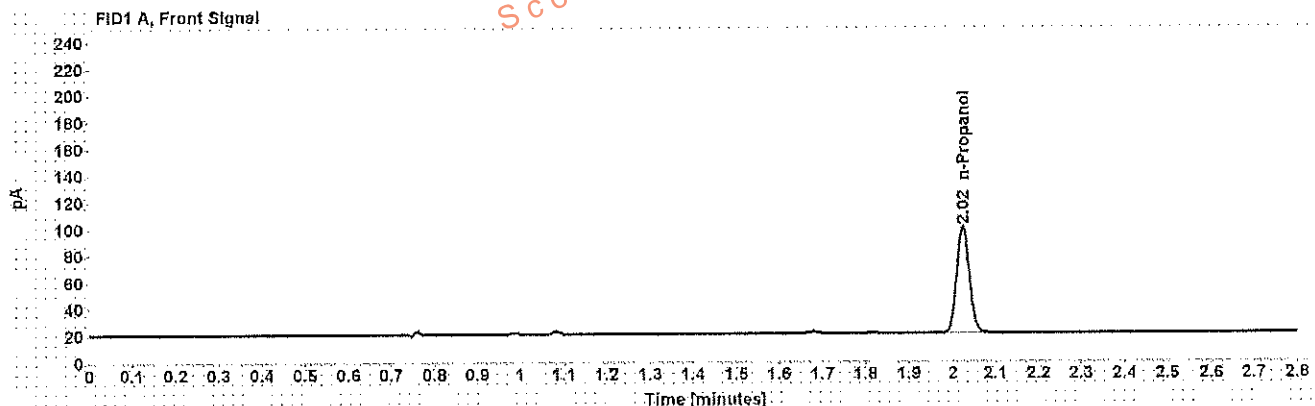


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.024	163.150

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

Compound	Time (min)	Peak Area
n-Propanol	2.344	156.803

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1144684
Injection date: 4/19/2017 3:15:30 PM	Vial: 43
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\19Apr17\43.D	

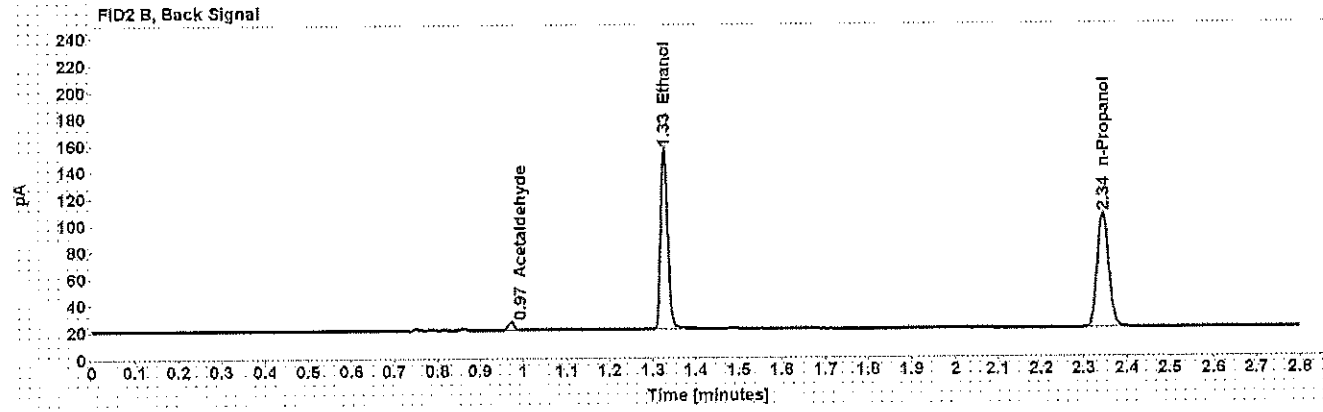
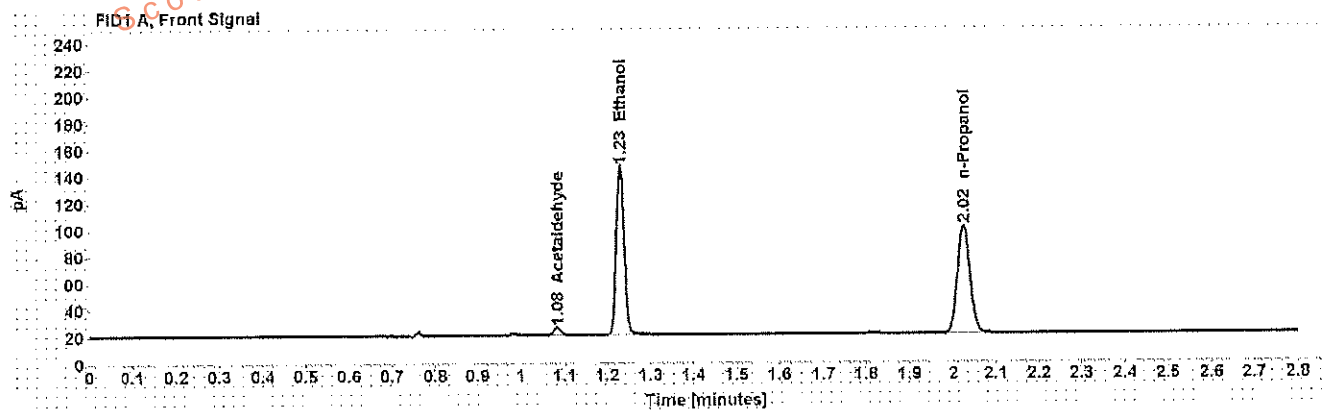


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.937
>Ethanol	0.2630	1.230	161.843
n-Propanol	-----	2.025	165.303

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.953
Ethanol	1.327	155.964
n-Propanol	2.345	158.558

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1144684
Injection date: 4/19/2017 3:19:31 PM	Vial: 44
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023.CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\19Apr17\44.D	

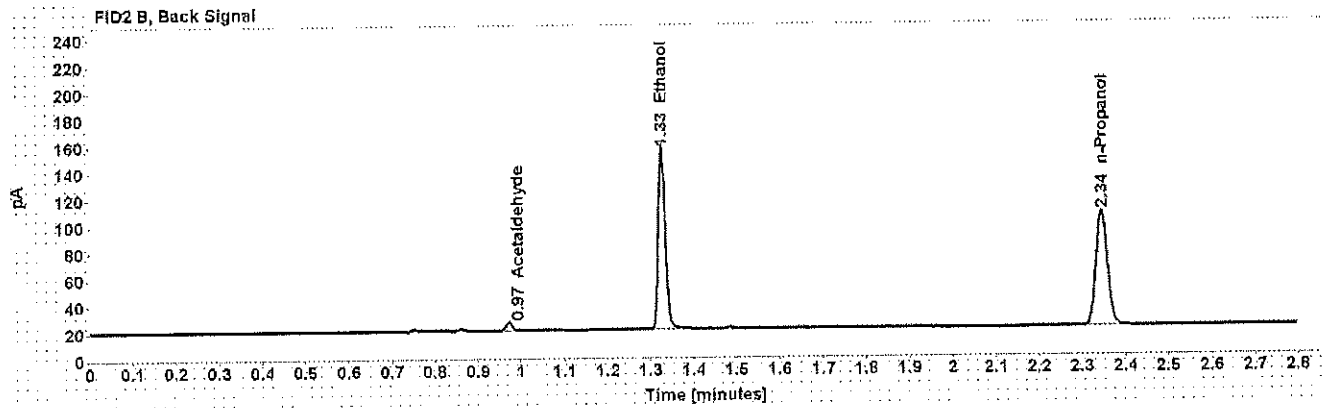
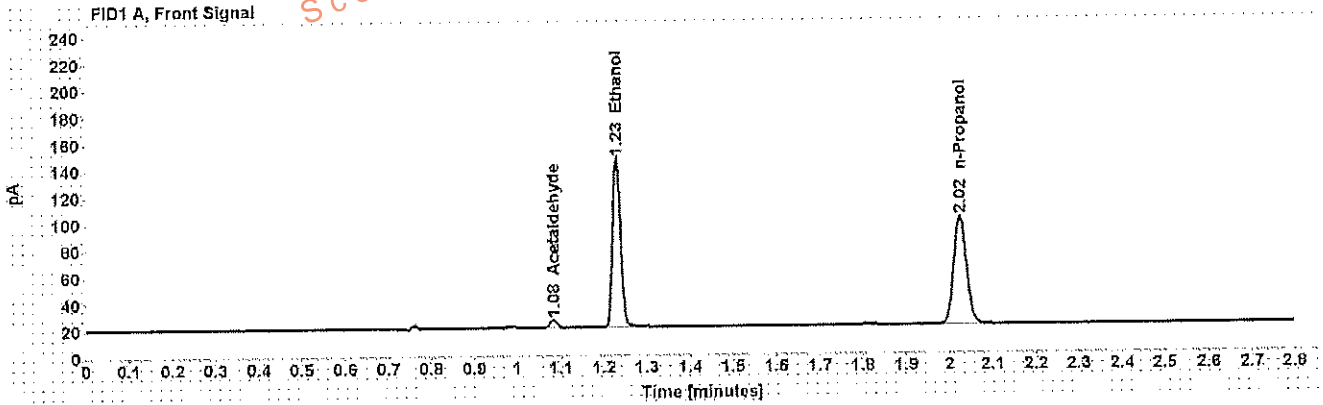


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.903
>Ethanol	0.2026	1.230	162.333
n-Propanol	-----	2.025	166.025

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.898
Ethanol	1.327	156.295
n-Propanol	2.345	159.248

Case: [REDACTED] User: wadrian 4/20/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1145545
Injection date: 4/19/2017 3:23:30 PM Vial: 45
Method: ethanol quant.M Sequence: 19Apr17
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17M5.D

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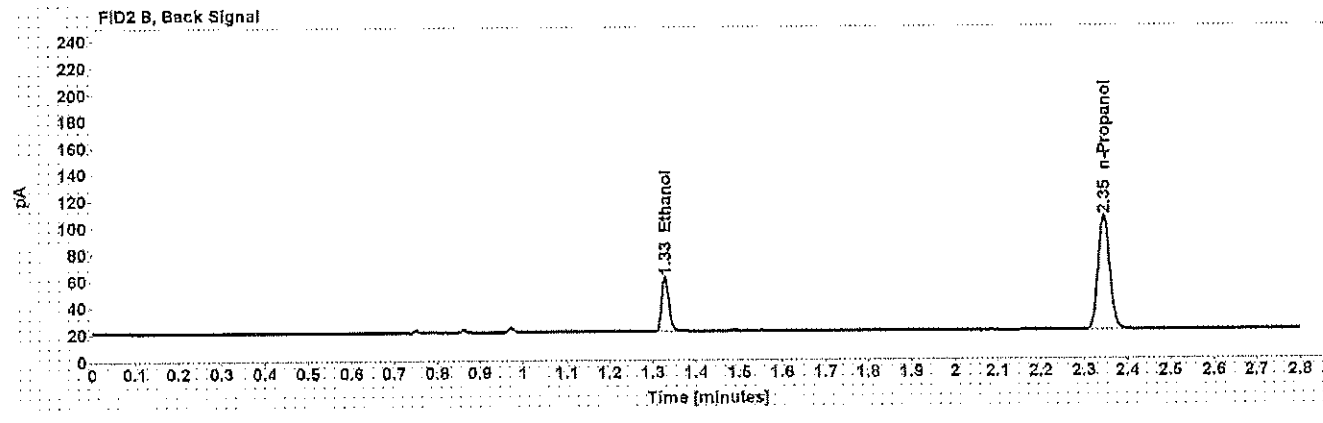
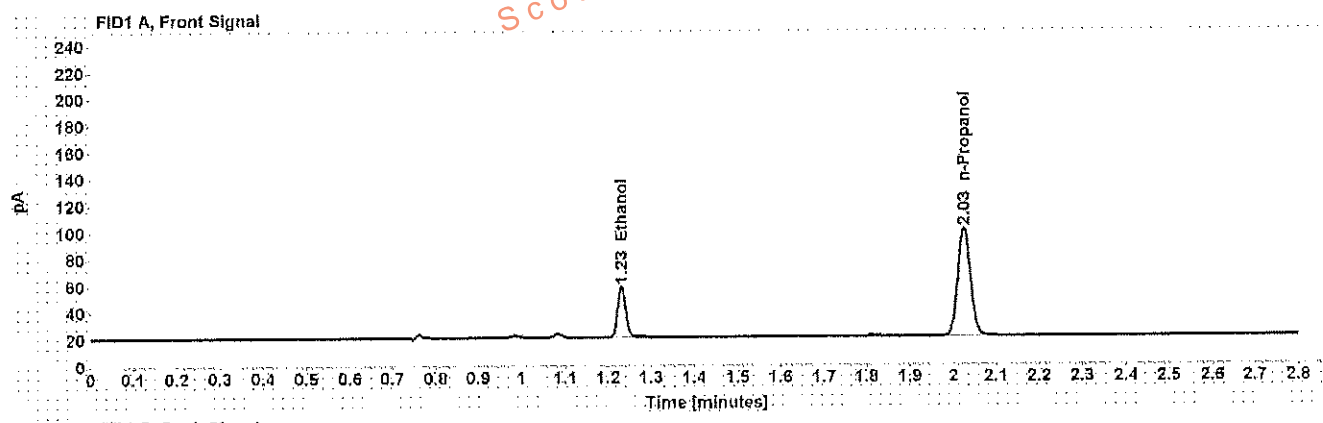


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0803	1.231	48.978
n-Propanol	-----	2.025	164.931

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

Compound	Time (min)	Peak Area
Ethanol	1.328	46.806
n-Propanol	2.345	158.531

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1145545
Injection date: 4/19/2017 3:27:30 PM	Vial: 46
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Apr17\46.D	

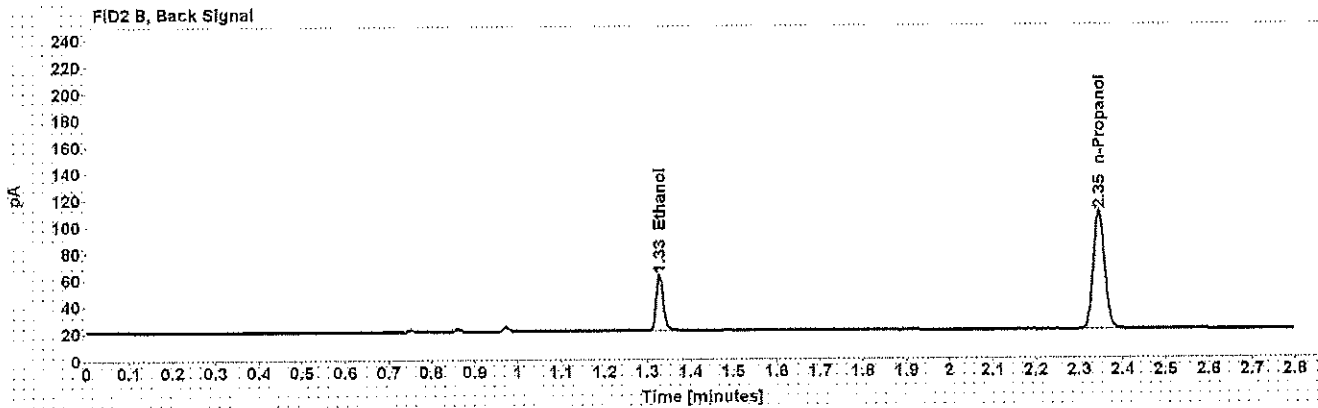
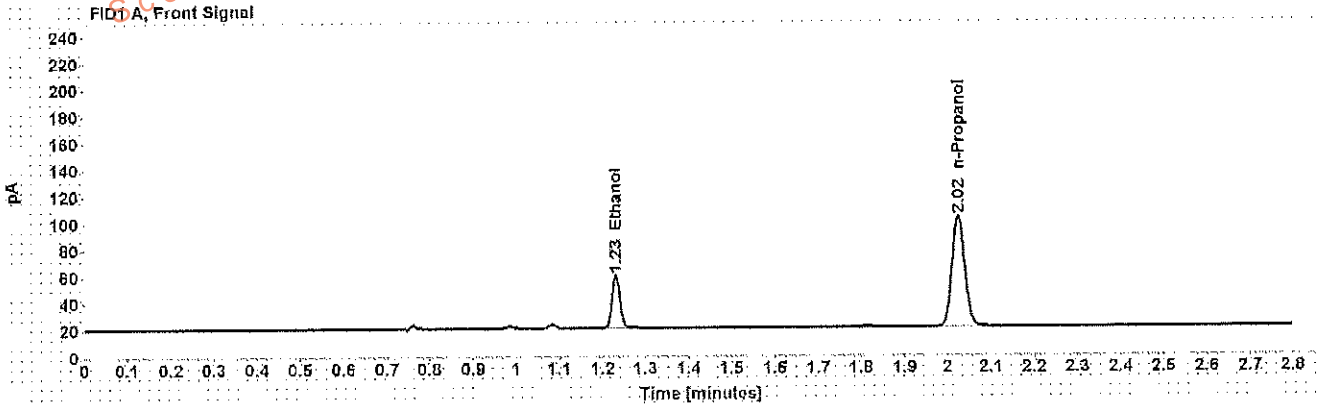


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0806	1.231	50.618
n-Propanol	-----	2.025	169.934

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

Compound	Time (min)	Peak Area
Ethanol	1.328	48.549
n-Propanol	2.345	163.470

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] **Item number:** 1144699
Injection date: 4/19/2017 3:31:30 PM **Vial:** 47
Method: ethanol quant.M **Sequence:** 19Apr17
Instrument: US14173023 CN14160045 **Analyst:** Adrian
Data file: C:\Chem32\11\Data\19Apr17\147.D

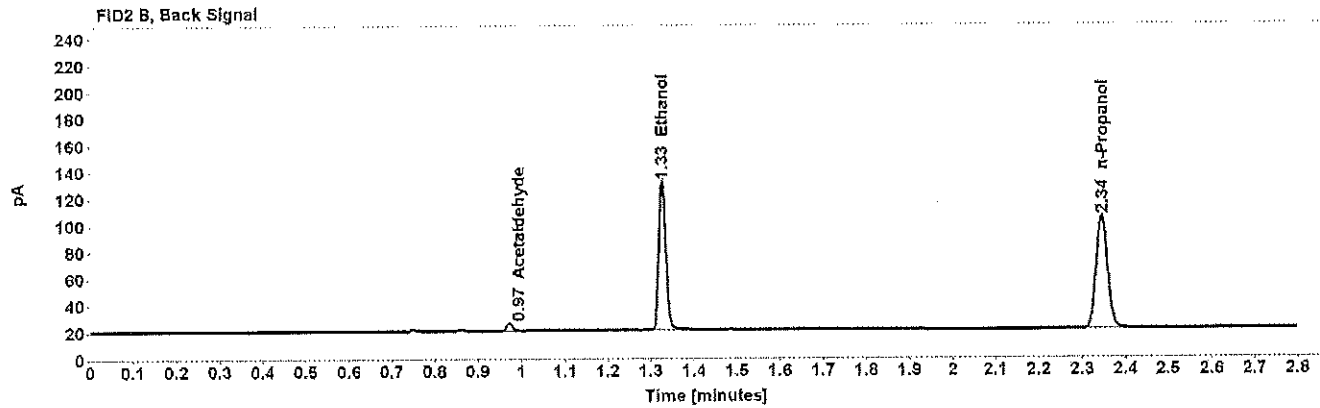
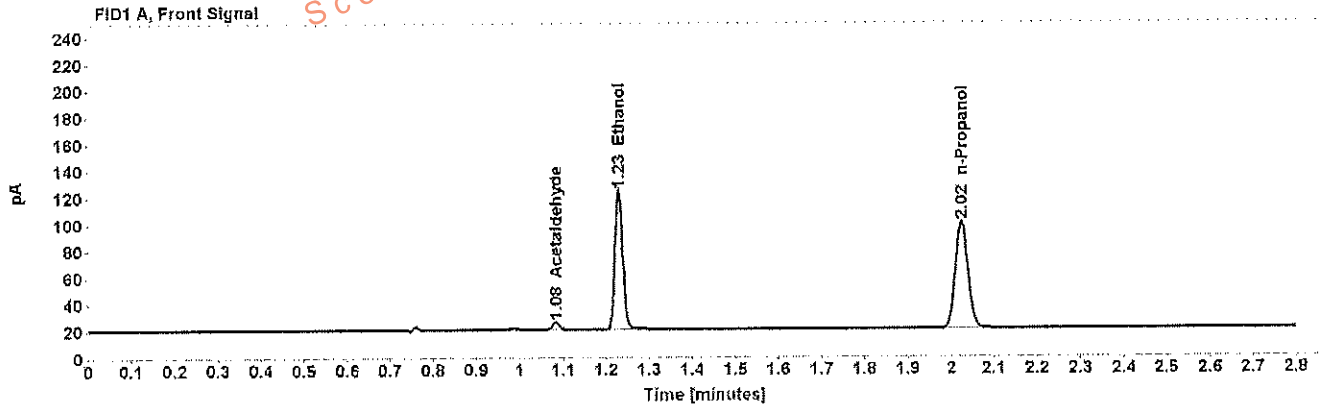


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.563
>Ethanol	0.2203	1.230	133.625
n-Propanol	-----	2.025	163.018

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.475
Ethanol	1.327	128.460
n-Propanol	2.345	156.651

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1144699
Injection date:	4/19/2017 3:35:30 PM	Vial:	48
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\19Apr17\48.D		

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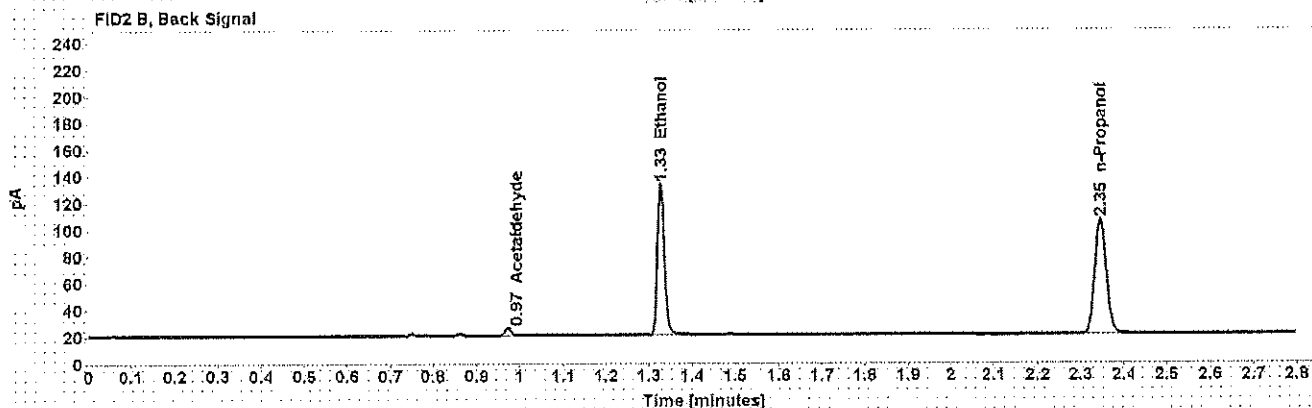
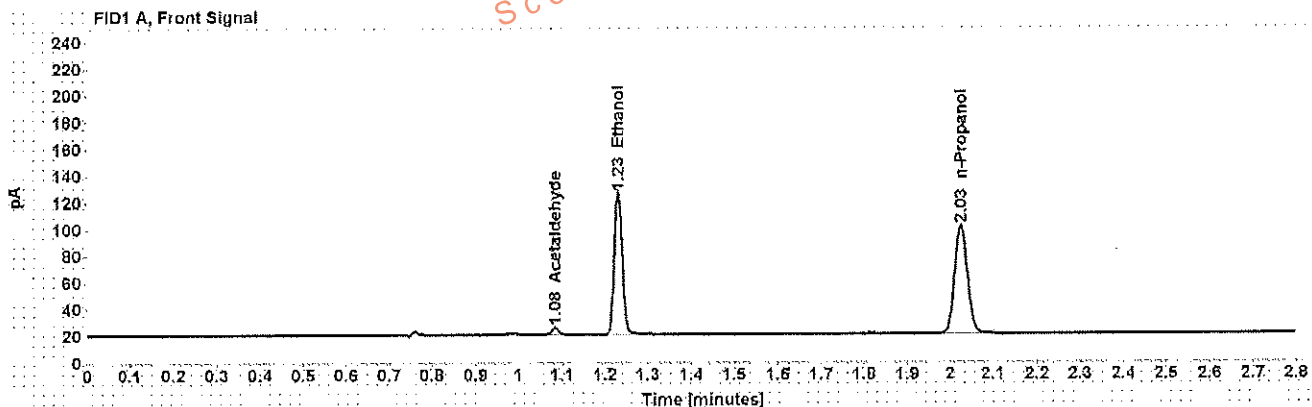


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.428
>Ethanol	0.2212	1.230	136.252
n-Propanol	-----	2.025	165.561

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.387
Ethanol	1.327	131.084
n-Propanol	2.345	159.054

Case: [REDACTED] User: wadrian 4/20/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1144566
Injection date: 4/19/2017 3:39:45 PM Vial: 49
Method: ethanol quant M Sequence: 19Apr17
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem32\11\Data\19Apr17\49.D

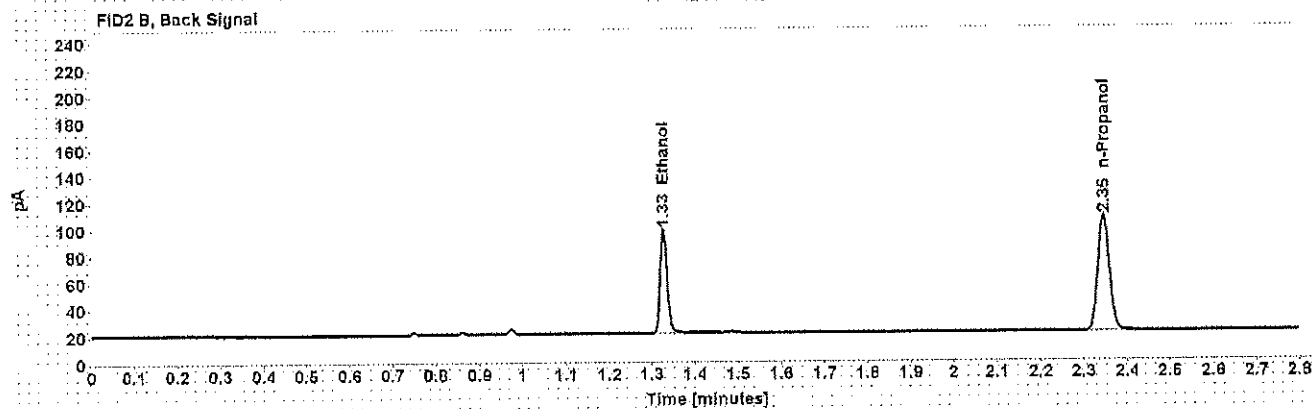
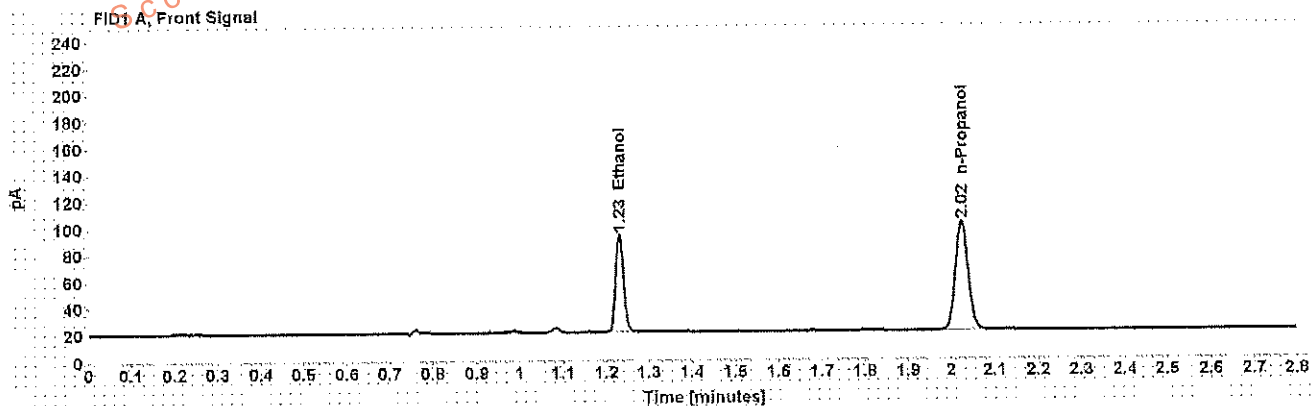


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1516	1.230	93.726
n-Propanol	-----	2.025	166.482

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

Compound	Time (min)	Peak Area
Ethanol	1.327	89.963
n-Propanol	2.345	159.911

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1144566
Injection date: 4/19/2017 3:43:45 PM	Vial: 50
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023.GN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Apr17\50.D	

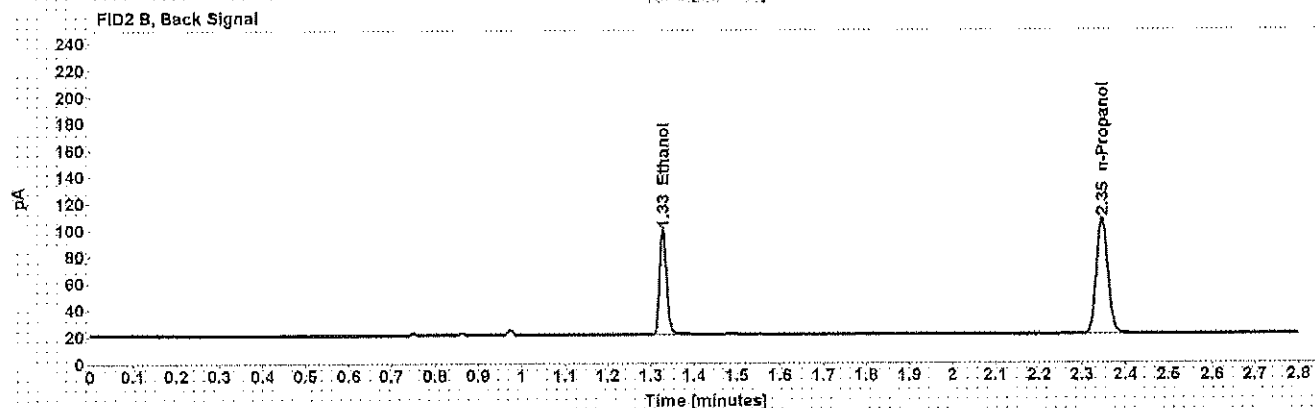
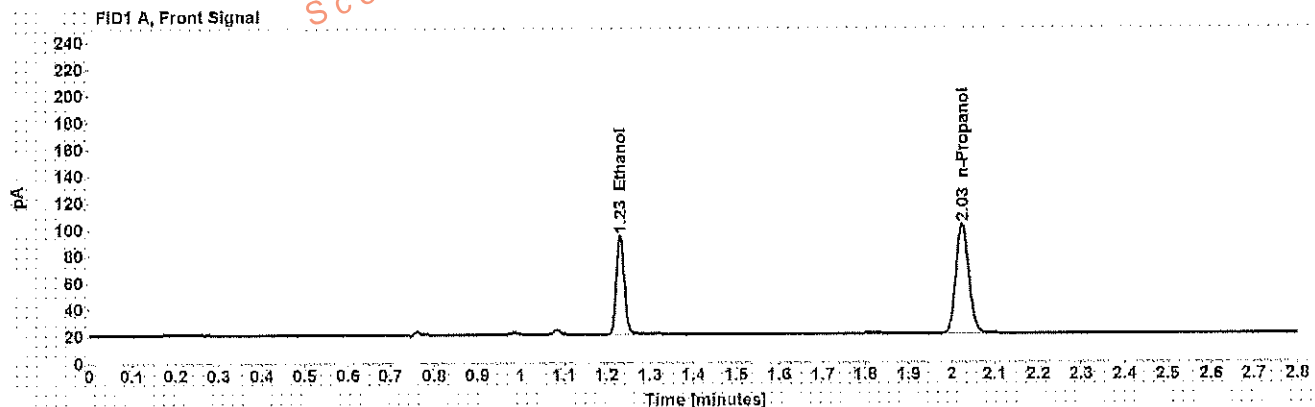


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1527	1.231	94.933
n-Propanol	-----	2.025	167.399

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

Compound	Time (min)	Peak Area
Ethanol	1.328	91.132
n-Propanol	2.346	160.965

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: [REDACTED]	Item number: 317-01A
Injection date: 4/19/2017 3:47:45 PM	Vial: 51
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
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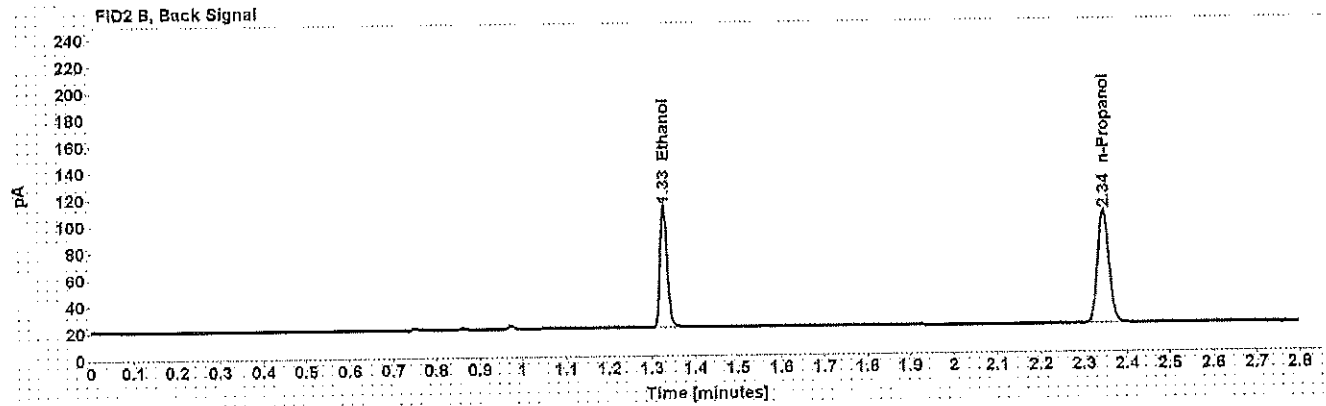
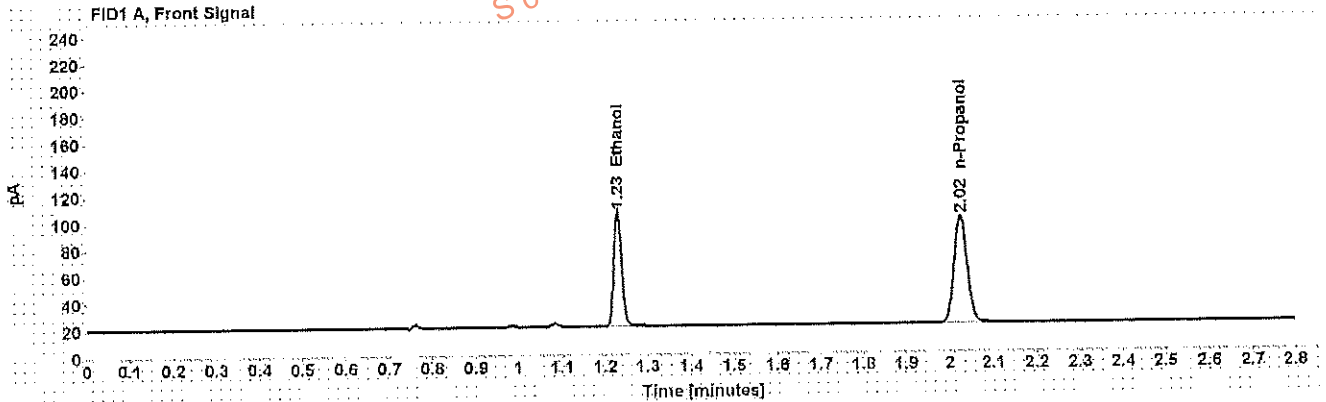


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1804	1.230	109.788
n-Propanol	-----	2.025	163.875

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

Compound	Time (min)	Peak Area
Ethanol	1.327	105.588
n-Propanol	2.345	157.500

Case: [REDACTED] User: wadrian 4/20/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 317-01A
Injection date: 4/19/2017 3:51:45 PM Vial: 52
Method: ethanol quant.M Sequence: 19Apr17
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem32\11\Data\19Apr17\52.D

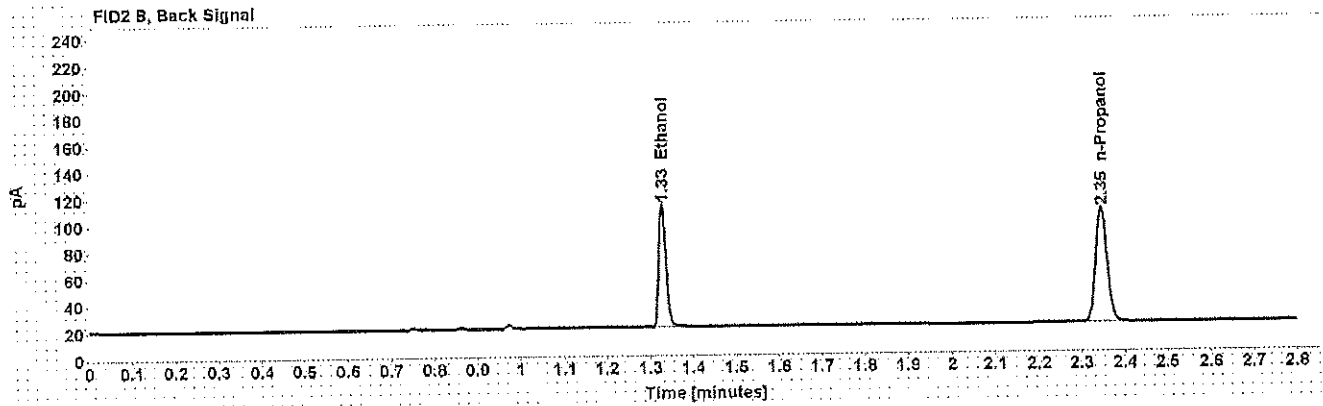
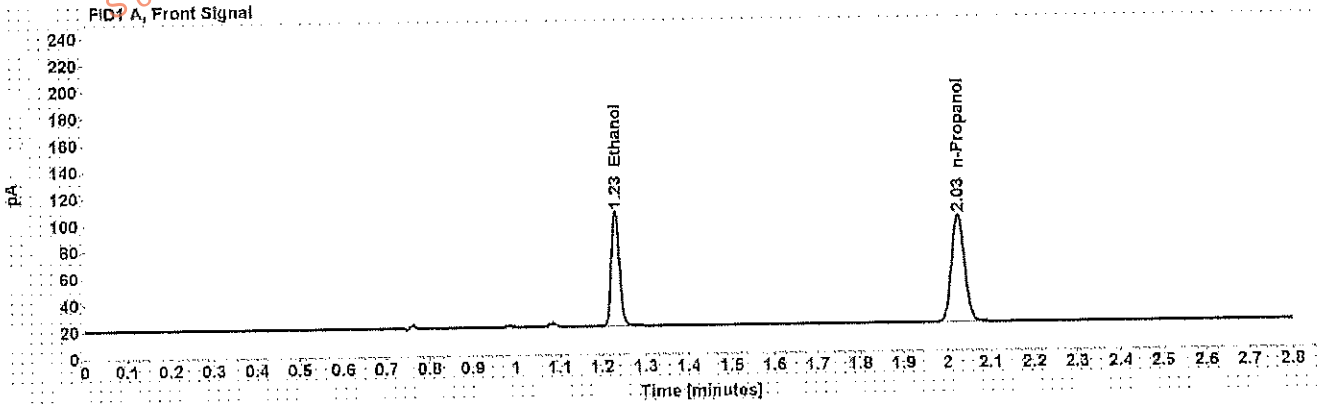


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1805	1.231	110.679
n-Propanol	-----	2.025	164.981

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

Compound	Time (min)	Peak Area
Ethanol	1.328	106.584
n-Propanol	2.348	158.783

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 312-01A
Injection date: 4/19/2017 3:59:45 PM	Vial: 54
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023.GM14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\54.D	

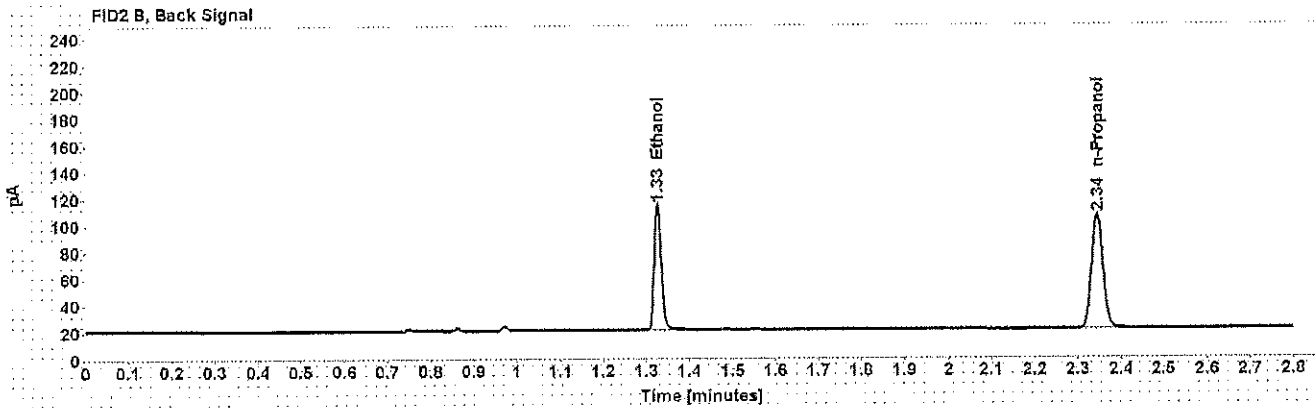
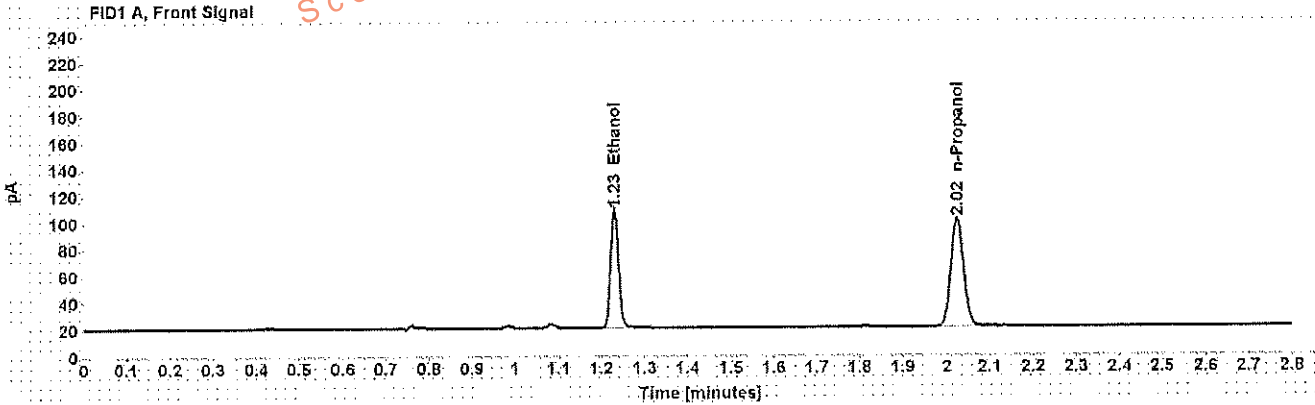


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1838	1.230	113.120
n-Propanol	-----	2.025	165.562

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

Compound	Time (min)	Peak Area
Ethanol	1.327	109.017
n-Propanol	2.345	159.024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	312-01A
Injection date:	4/19/2017 4:04:01 PM	Vial:	55
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\19Apr17\55.D		

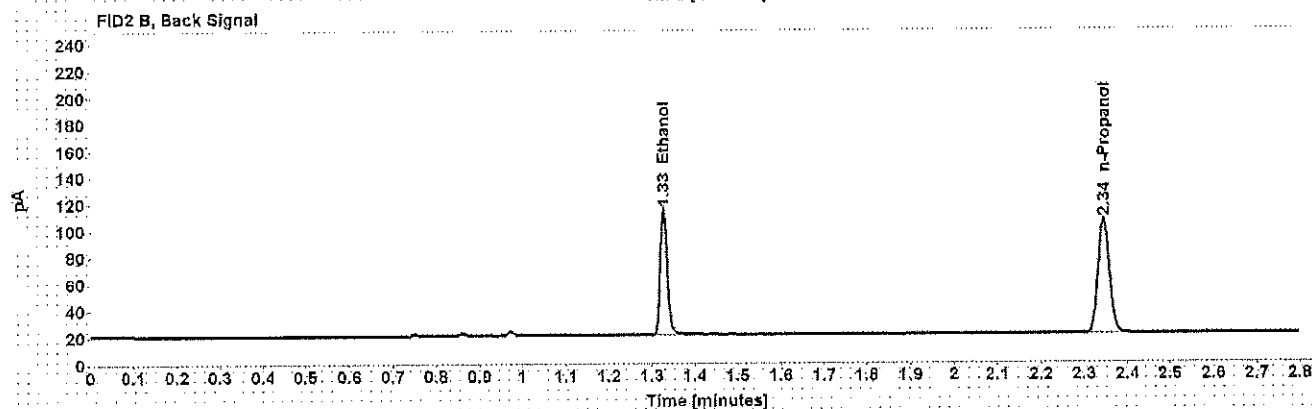
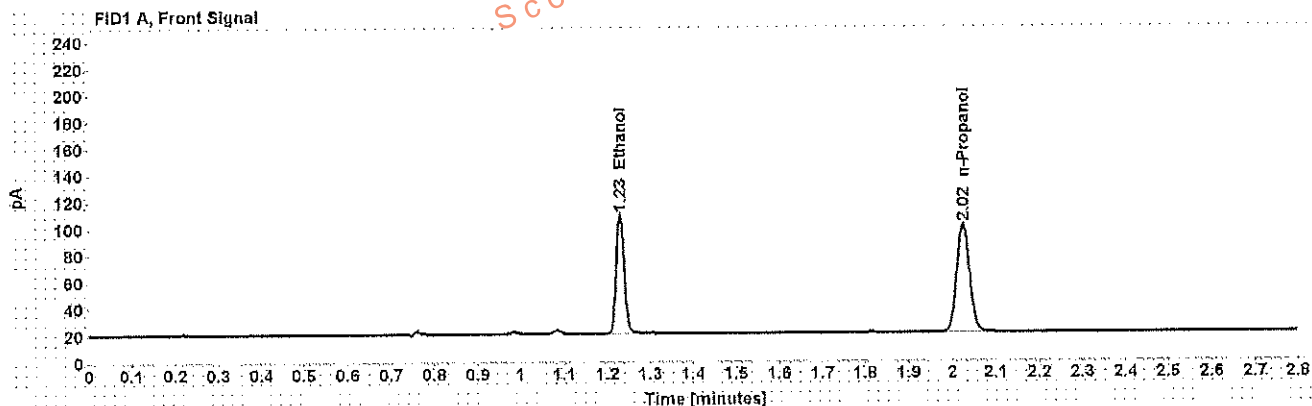


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1854	1.230	113.892
n-Propanol	-----	2.025	165.227

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

Compound	Time (min)	Peak Area
Ethanol	1.327	109.563
n-Propanol	2.345	158.822

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1140520
Injection date: 4/19/2017 4:08:01 PM	Vial: 56
Method: ethanol quant M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
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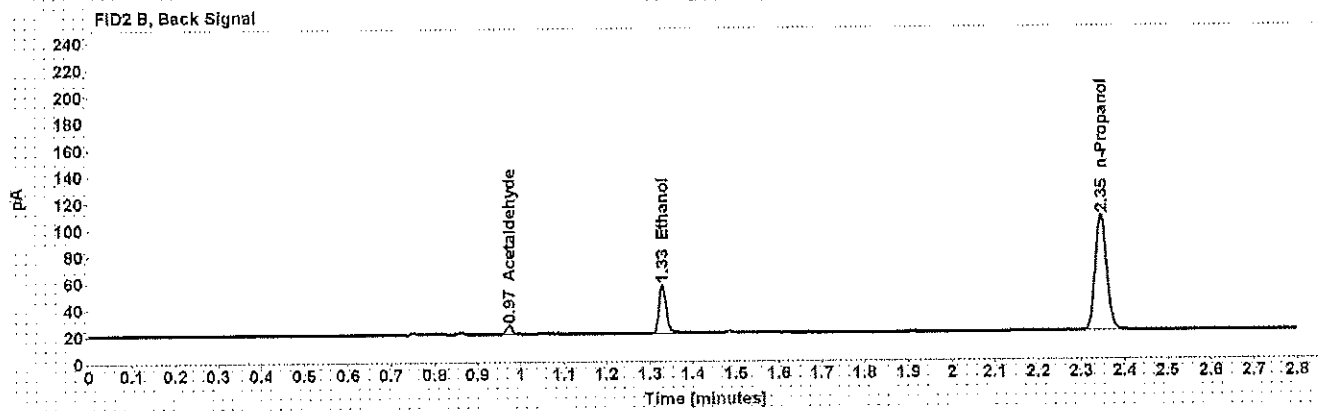
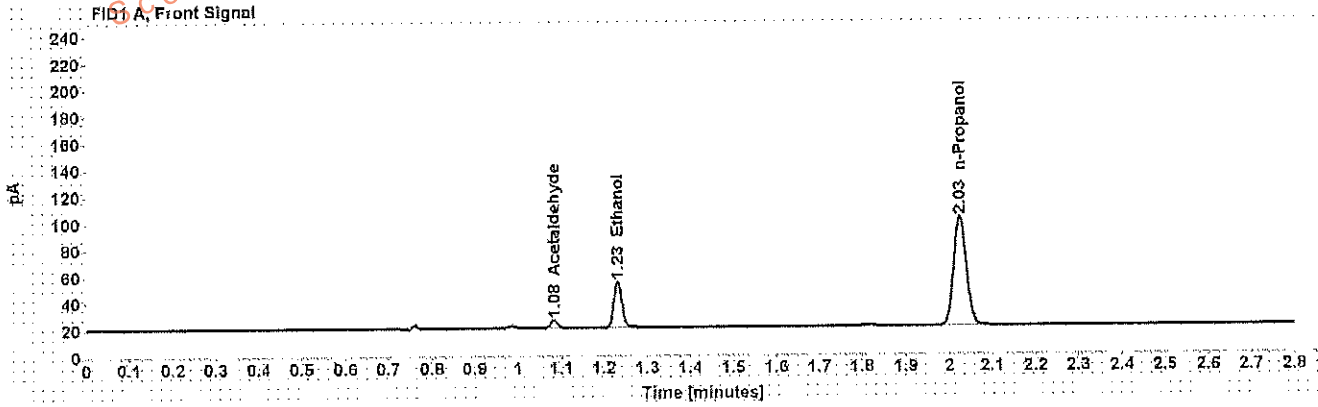


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.084	5.977
>Ethanol	0.0713	1.231	43.955
n-Propanol	-----	2.025	166.982

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.976
Ethanol	1.329	42.622
n-Propanol	2.346	160.411

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1140520
Injection date: 4/19/2017 4:12:01 PM	Vial: 57
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023.CN14160045	Analyst: Adrian
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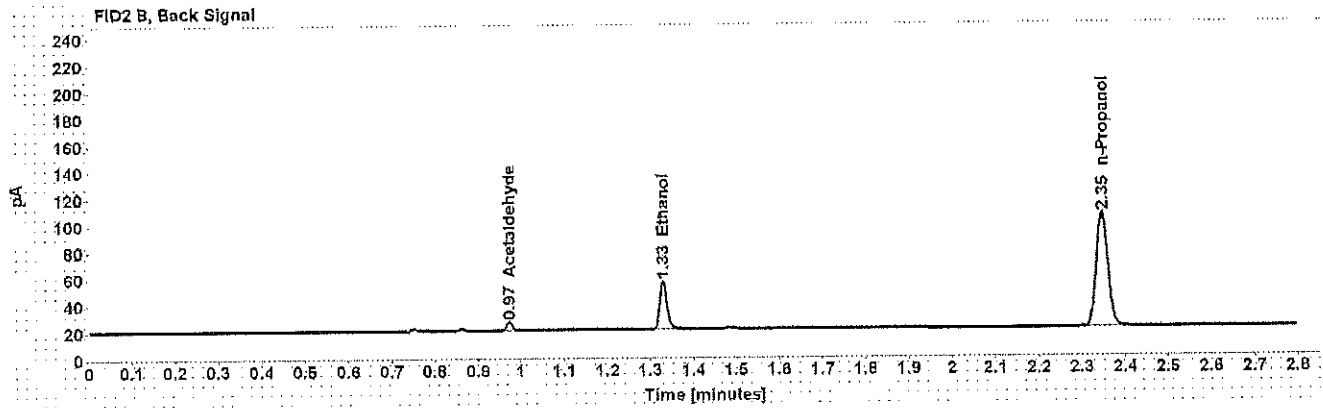
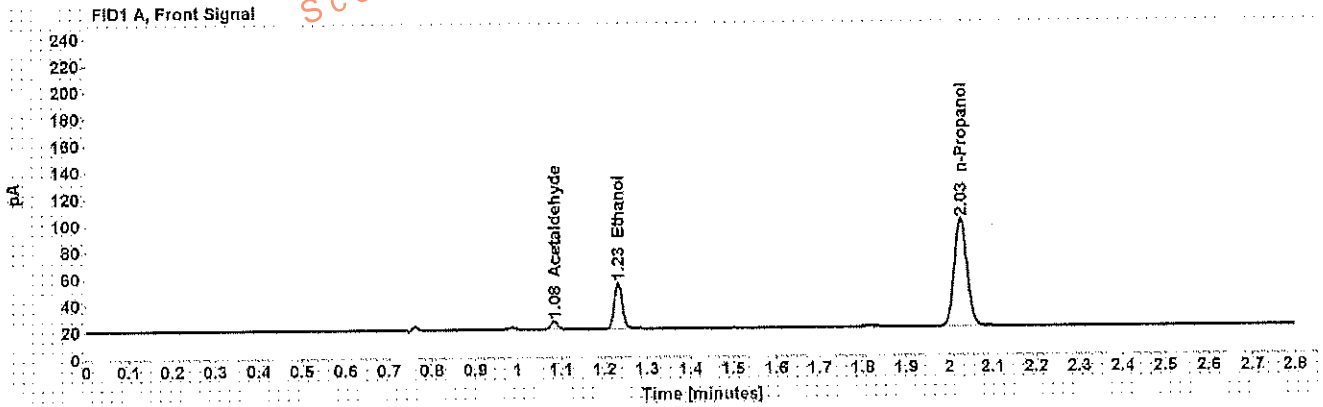


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.084	6.020
>Ethanol	0.0721	1.232	43.911
n-Propanol	-----	2.026	164.872

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.864
Ethanol	1.329	42.369
n-Propanol	2.346	158.588

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1149757
Injection date: 4/19/2017 4:16:01 PM	Vial: 58
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\58.D	

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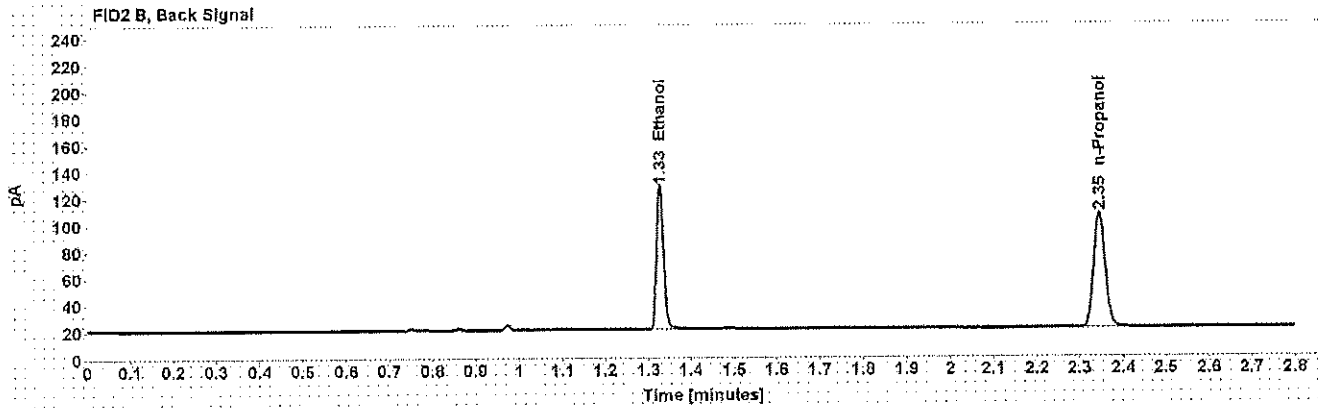
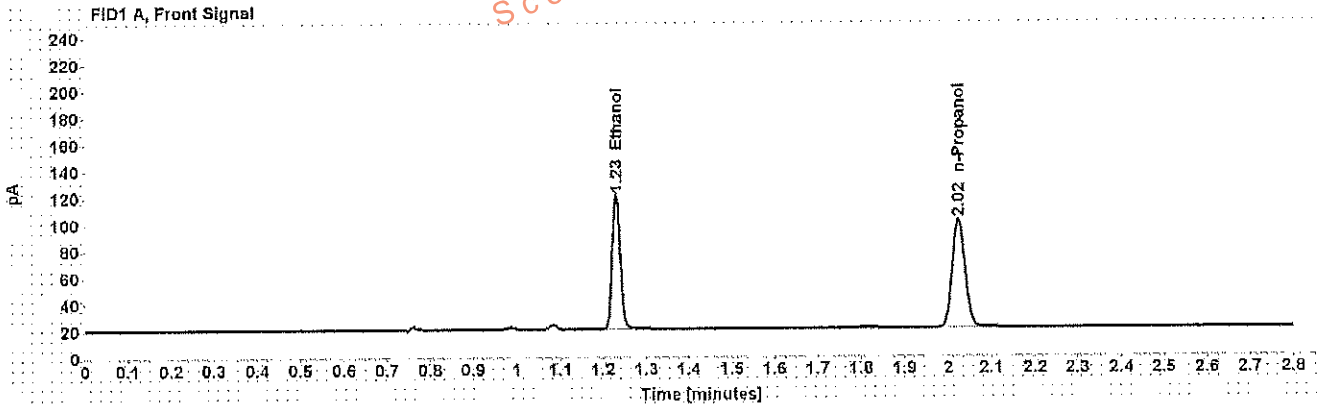


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2099	1.230	129.149
n-Propanol	-----	2.025	165.369

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

Compound	Time (min)	Peak Area
Ethanol	1.327	124.185
n-Propanol	2.345	159.007

Case: [REDACTED] User: wadrian 4/20/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1149757
Injection date:	4/19/2017 4:20:00 PM	Vial:	59
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11Data\19Apr17\59.D		

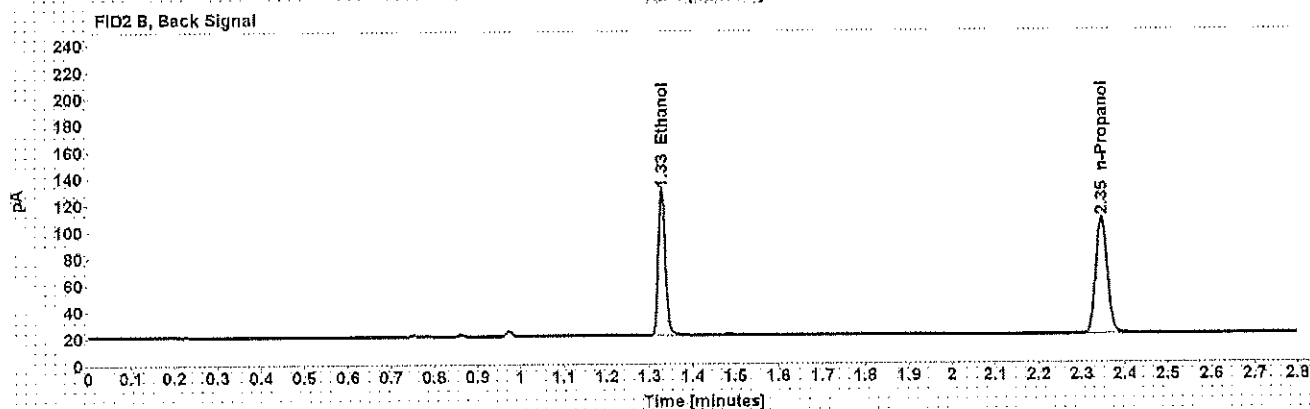
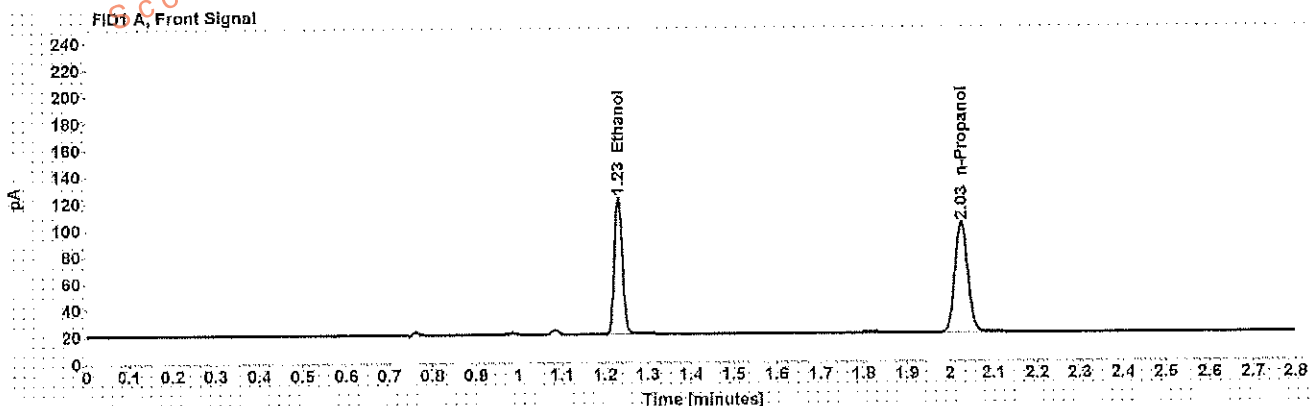


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2095	1.231	131.619
n-Propanol	-----	2.025	168.879

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

Compound	Time (min)	Peak Area
Ethanol	1.328	126.764
n-Propanol	2.346	162.305

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1149637
Injection date: 4/19/2017 4:24:01 PM	Vial: 60
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023.CM14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\60.D	

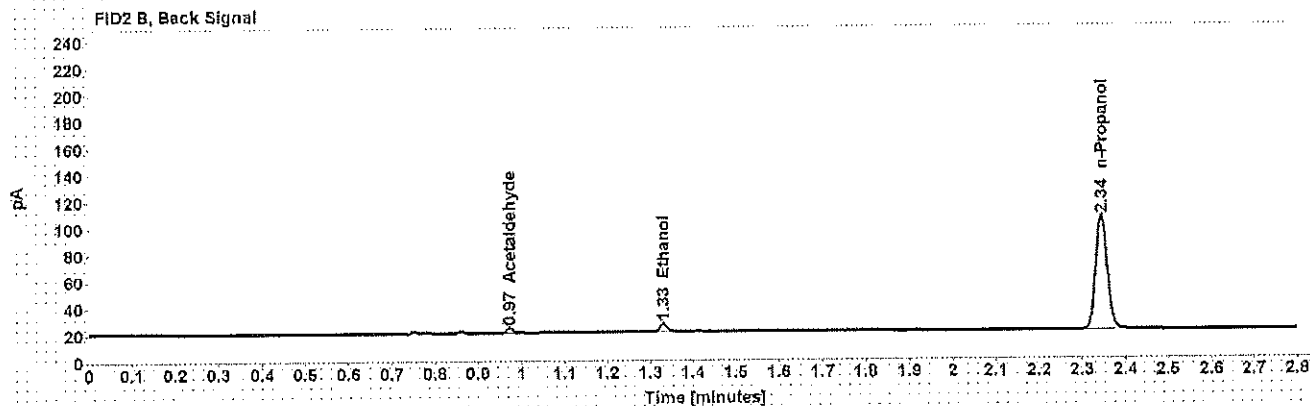
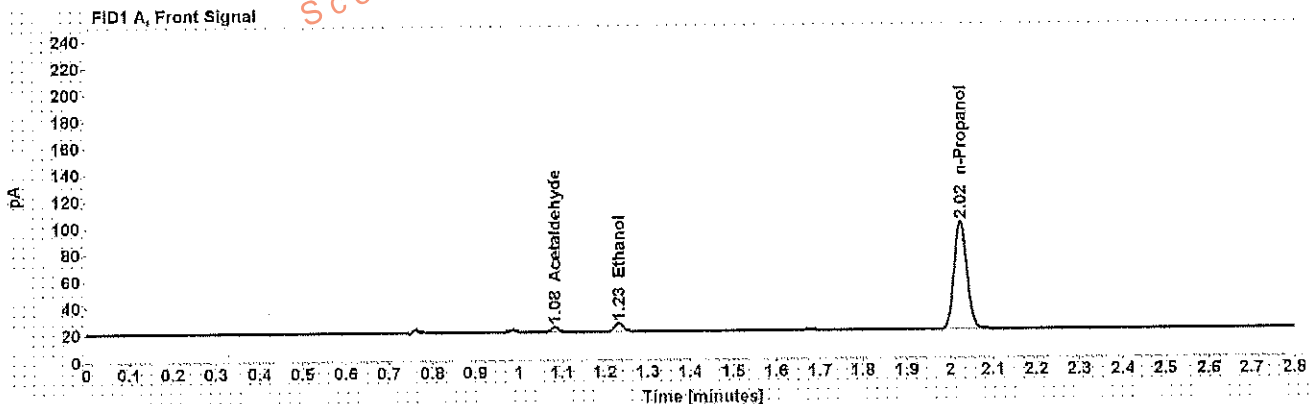


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	3.799
>Ethanol	0.0137	1.232	7.905
n-Propanol	-----	2.025	164.864

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	3.814
Ethanol	1.330	7.551
n-Propanol	2.345	158.627

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	[REDACTED]	Item number:	1149637
Injection date:	4/19/2017 4:28:15 PM	Vial:	61
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\19Apr17\61.D		

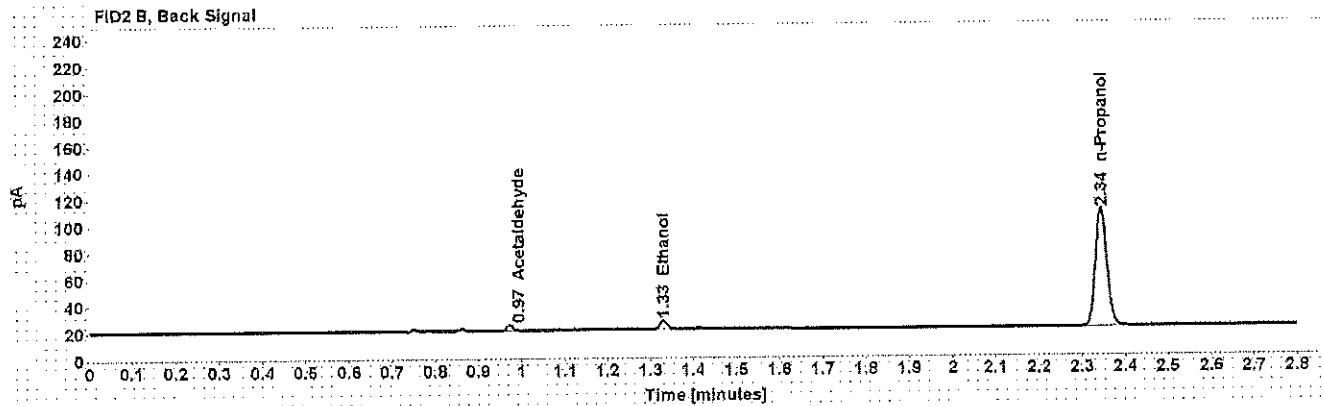
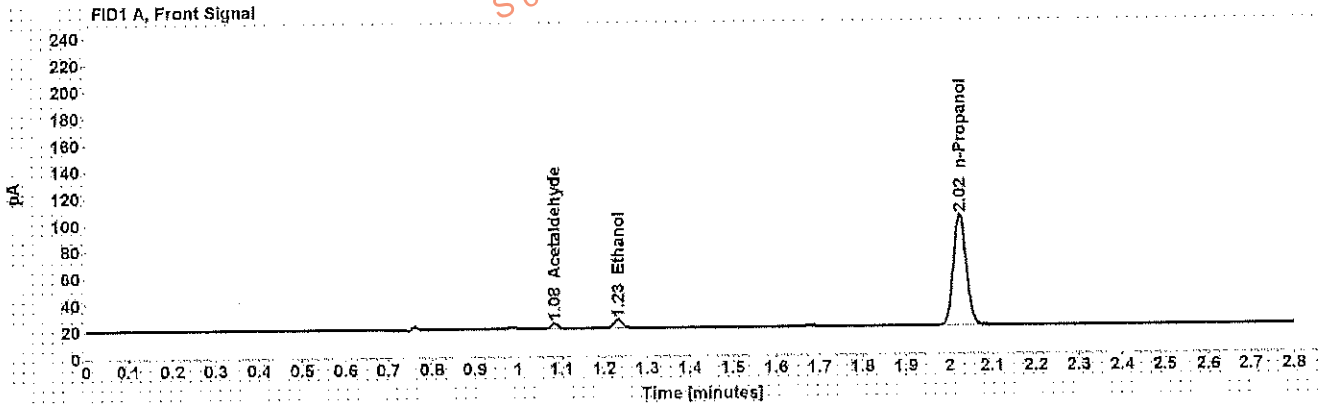


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	3.908
>Ethanol	0.0137	1.232	8.140
n-Propanol	-----	2.024	169.985

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	3.922
Ethanol	1.330	7.812
n-Propanol	2.345	163.537

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1149645
Injection date: 4/19/2017 4:32:16 PM	Vial: 62
Method: ethanol quant M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Apr17\62.D	

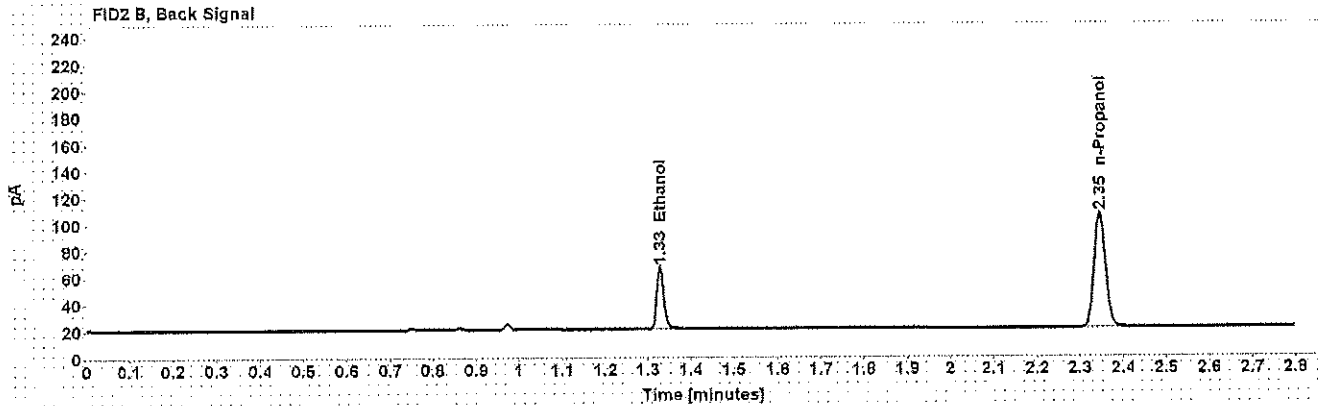
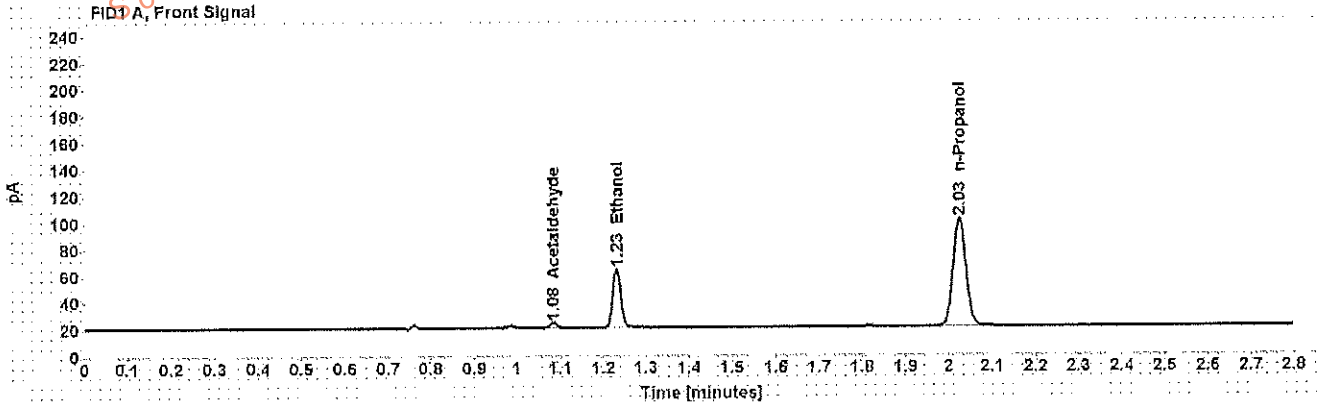


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	3.750
>Ethanol	0.0923	1.231	56.546
n-Propanol	-----	2.025	165.620

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

Compound	Time (min)	Peak Area
Ethanol	1.328	54.045
n-Propanol	2.345	159.207

Case: [REDACTED] User: wadrian 4/20/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1149645
Injection date: 4/19/2017 4:36:15 PM	Vial: 63
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14179023.GN14160045	Analyst: Adrian
Data file: C:\Chem32\11>Data\19Apr17\63.D	

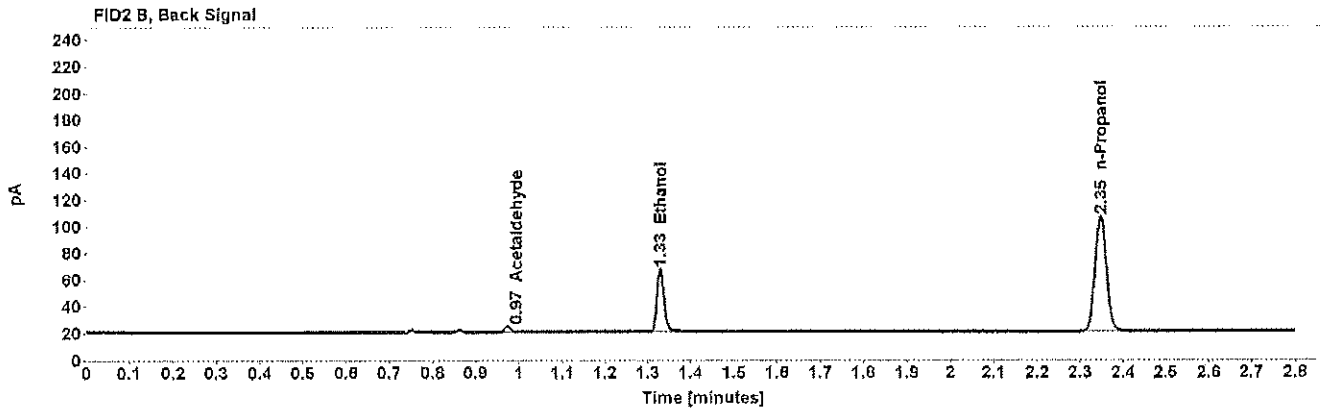
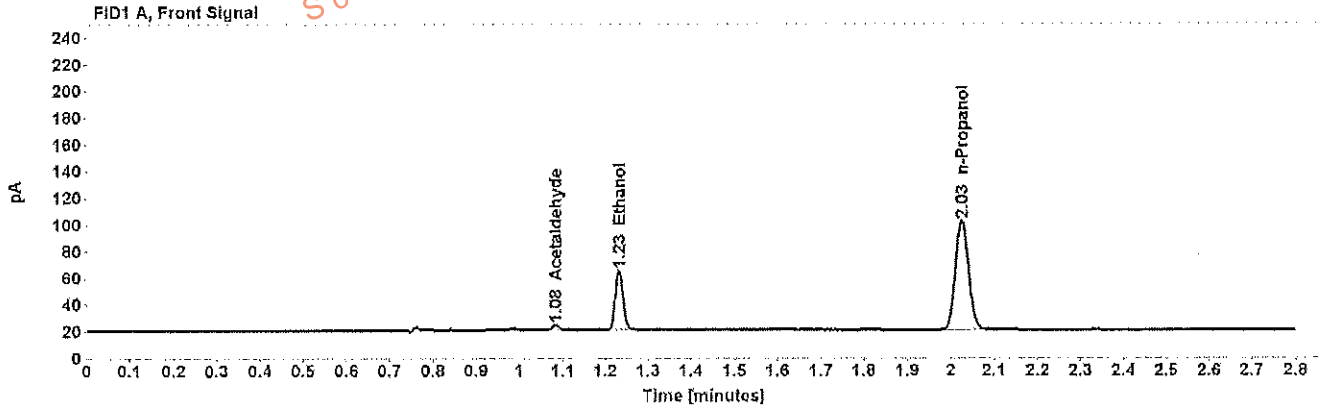


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.084	4.060
>Ethanol	0.0928	1.232	57.293
n-Propanol	-----	2.026	166.758

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.027
Ethanol	1.329	54.893
n-Propanol	2.346	160.291

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1127726
Injection date: 4/19/2017 4:44:15 PM	Vial: 65
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\19Apr17\65.D	

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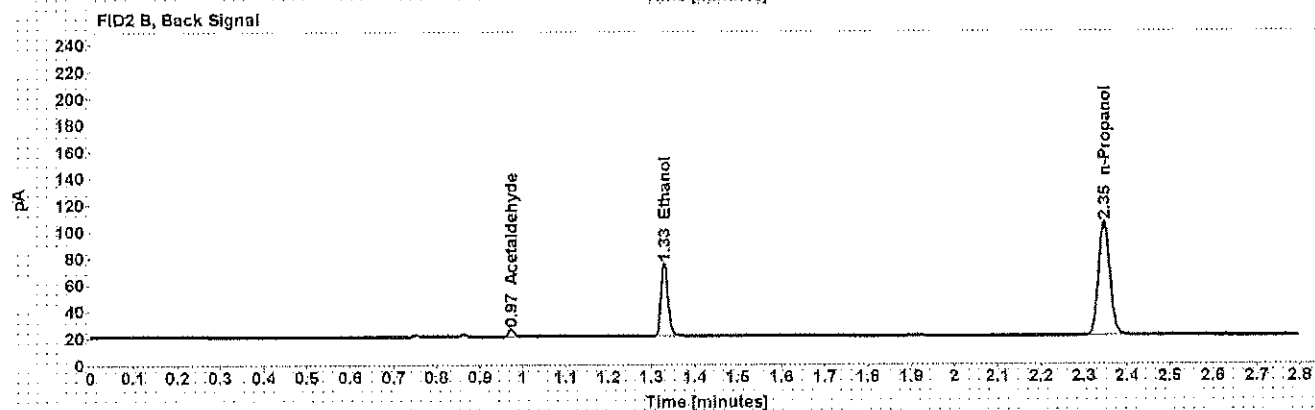
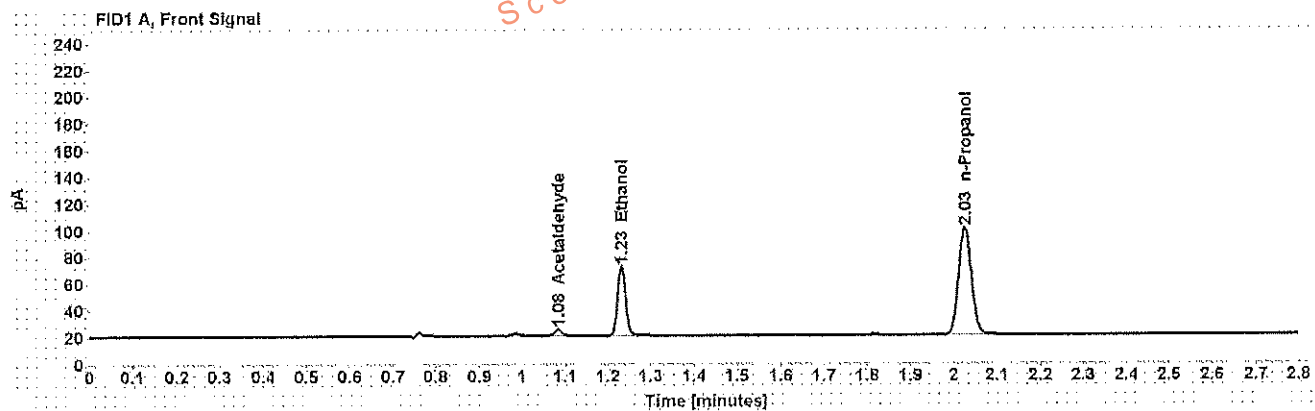


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.084	5.053
>Ethanol	0.1090	1.232	66.332
n-Propanol	-----	2.026	164.143

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.987
Ethanol	1.329	63.644
n-Propanol	2.346	158.227

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1127726
Injection date: 4/19/2017 4:48:16 PM	Vial: 66
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\19Apr17\66.D	

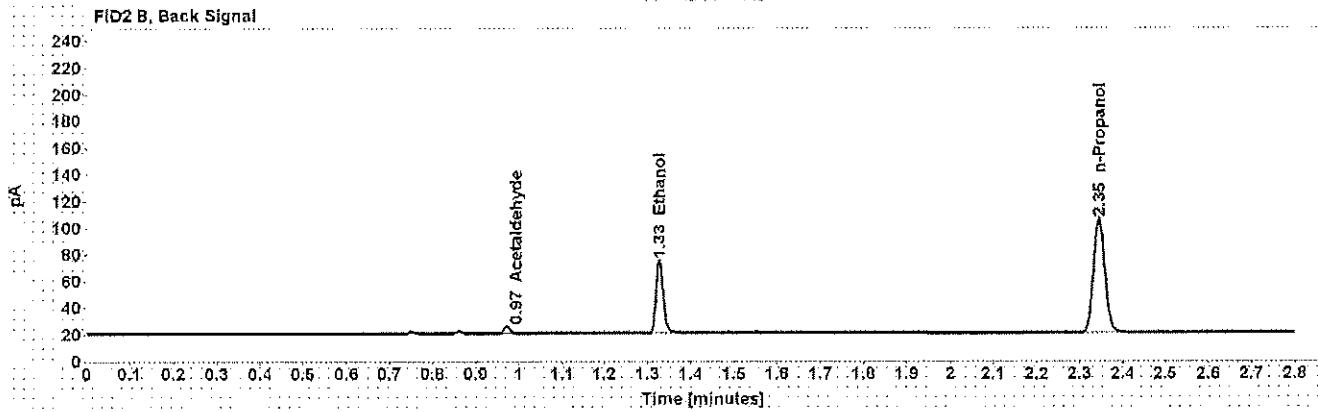
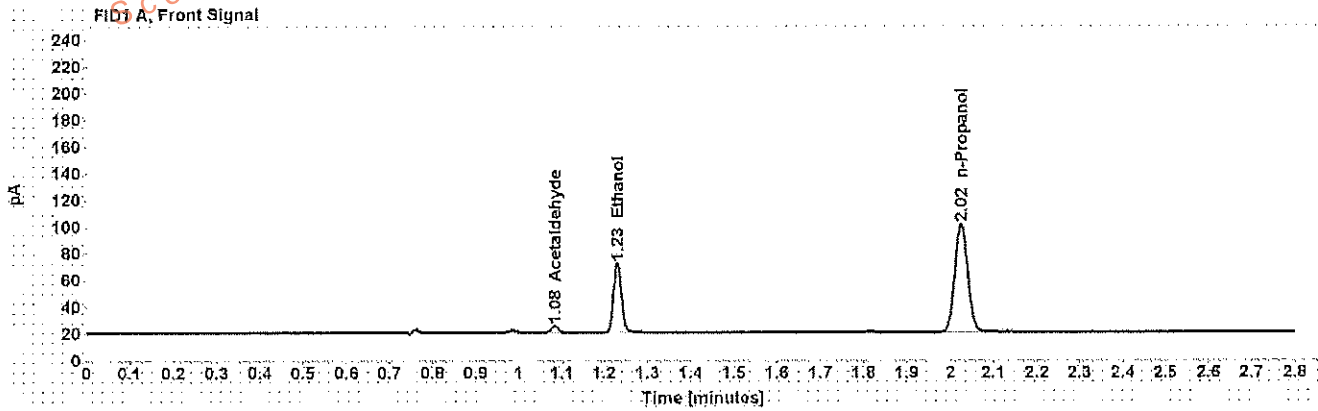


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.095
>Ethanol	0.1088	1.231	66.637
n-Propanol	-----	2.025	165.259

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.076
Ethanol	1.328	64.040
n-Propanol	2.345	158.961

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1149524
Injection date: 4/19/2017 4:52:30 PM	Vial: 67
Method: ethanol quant M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Apr17\67.D	

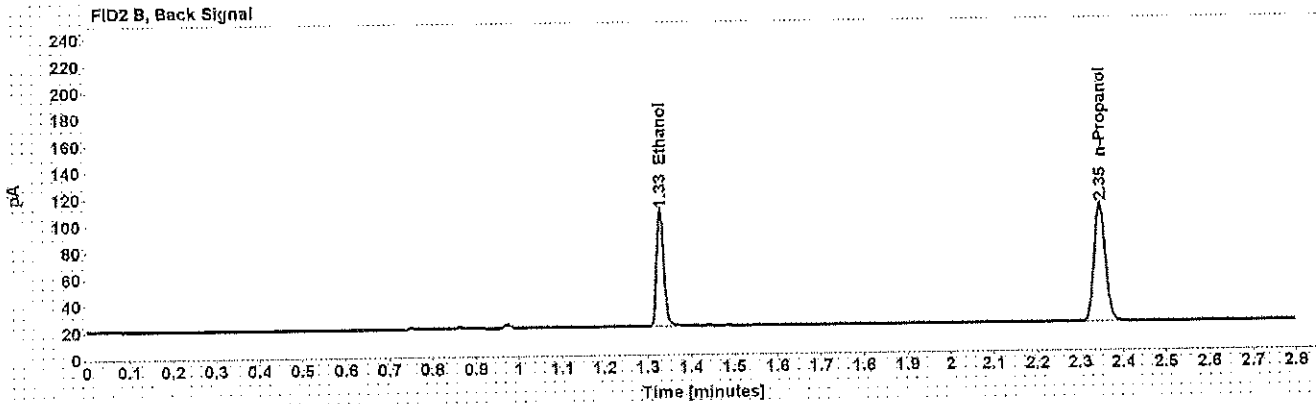
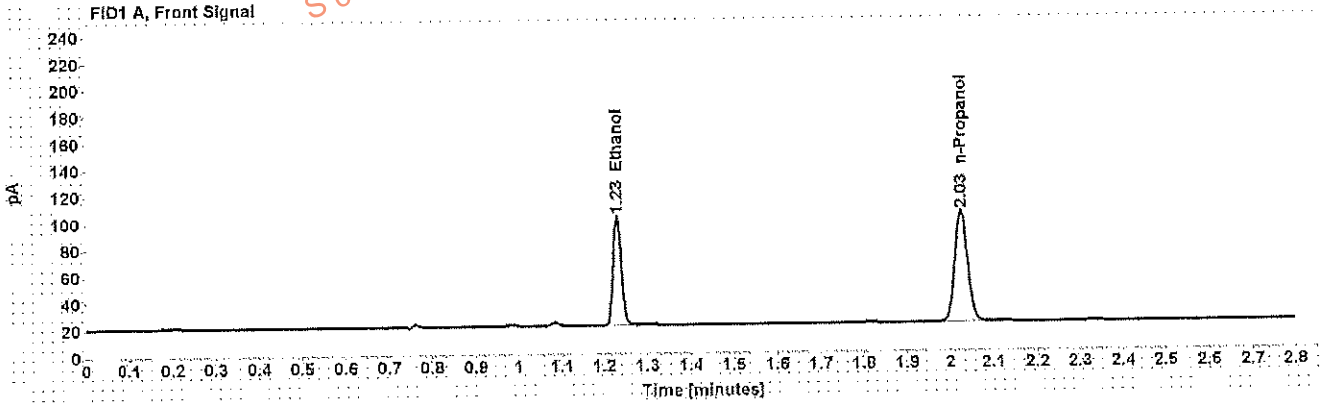


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1659	1.231	105.087
n-Propanol	-----	2.025	170.463

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

Compound	Time (min)	Peak Area
Ethanol	1.328	101.230
n-Propanol	2.346	163.899

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1149524
Injection date: 4/19/2017 4:56:30 PM	Vial: 68
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\68.D	

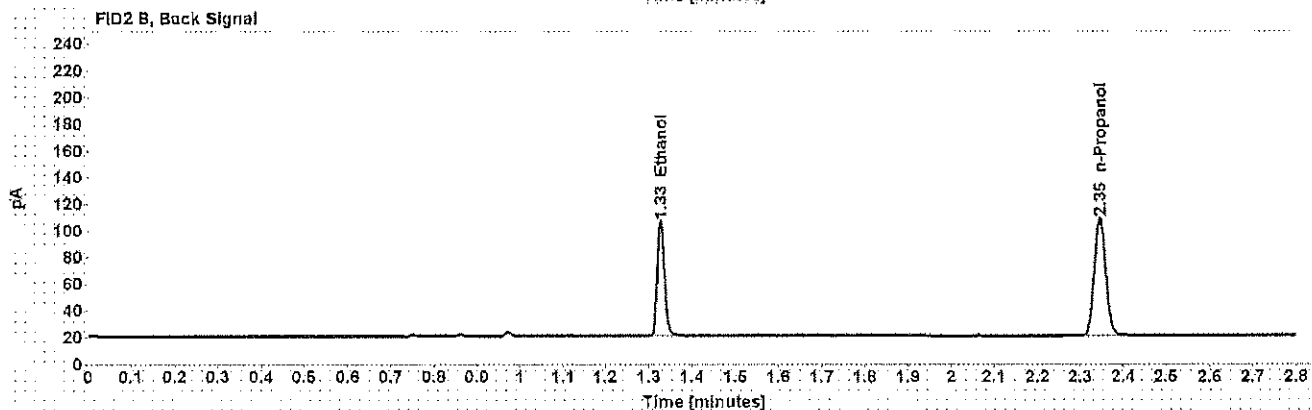
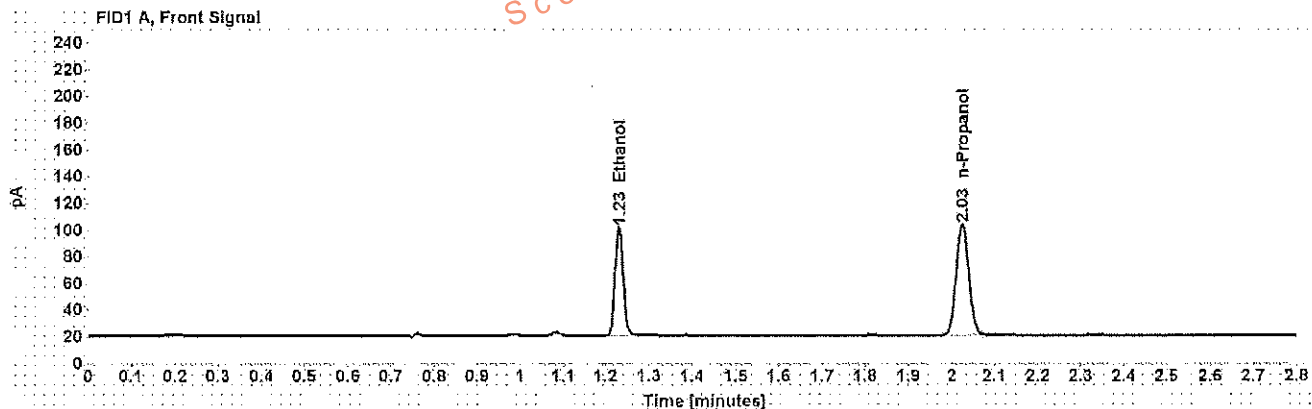


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1647	1.230	104.058
n-Propanol	-----	2.025	170.047

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

Compound	Time (min)	Peak Area
Ethanol	1.327	100.207
n-Propanol	2.345	163.719

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1147064
Injection date: 4/19/2017 5:00:30 PM	Vial: 69
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Apr17\69.D	

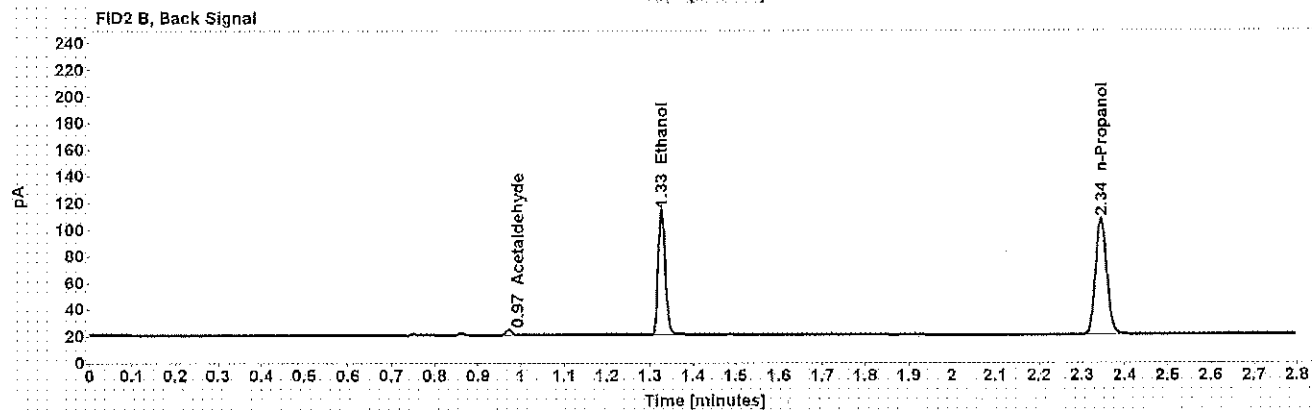
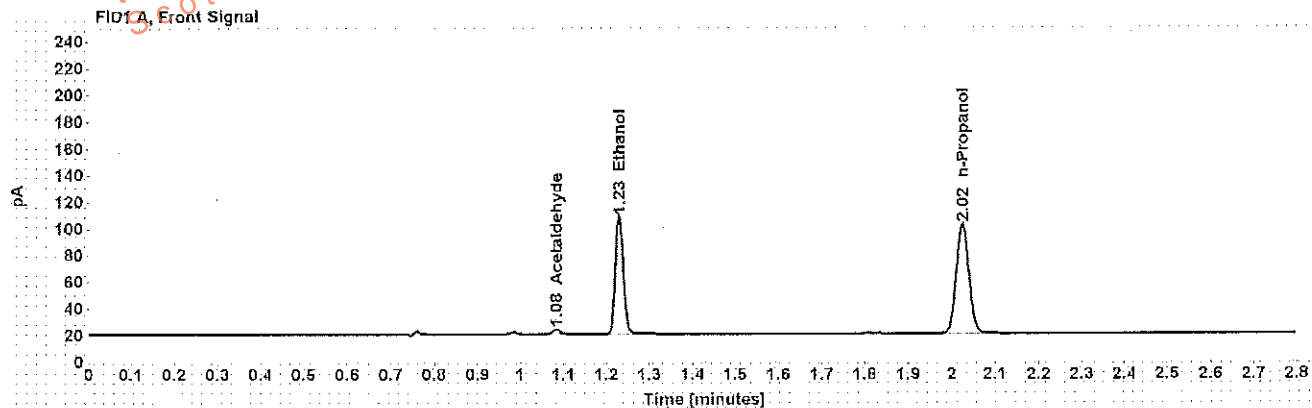


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	4.092
>Ethanol	0.1818	1.230	113.754
n-Propanol	-----	2.025	168.340

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.063
Ethanol	1.327	109.478
n-Propanol	2.345	161.726

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1147064
Injection date:	4/19/2017 5:04:31 PM	Vial:	70
Method:	ethanol quant.M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\1Data\19Apr17\70.D		

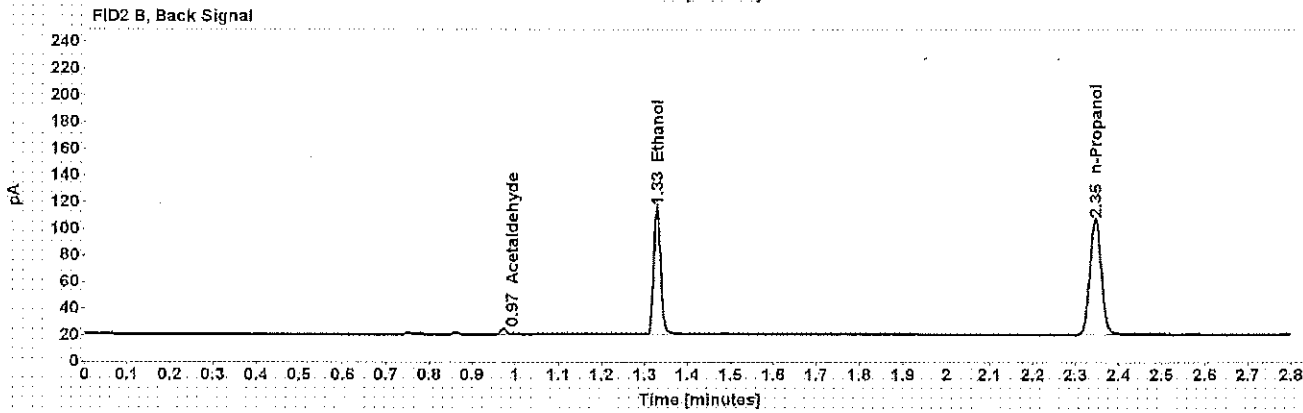
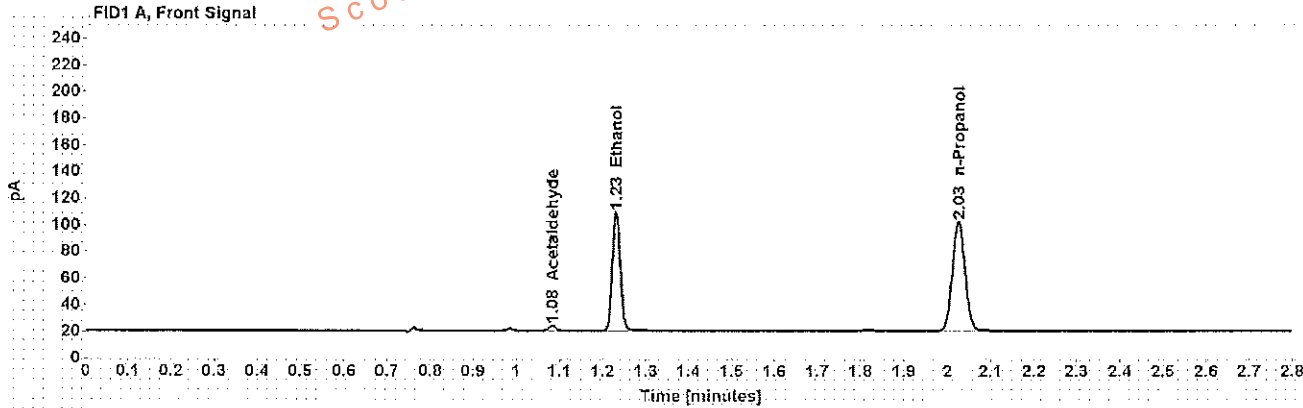


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.084	3.927
>Ethanol	0.1840	1.231	114.593
n-Propanol	-----	2.026	167.507

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.908
Ethanol	1.328	110.336
n-Propanol	2.346	160.989

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] **Item number:** 1147356
Injection date: 4/19/2017 5:08:30 PM **Vial:** 71
Method: ethanol quant.M **Sequence:** 19Apr17
Instrument: US14173023 CN14160045 **Analyst:** Adrian
Data file: C:\Chem32\1\Data\19Apr17\71.D

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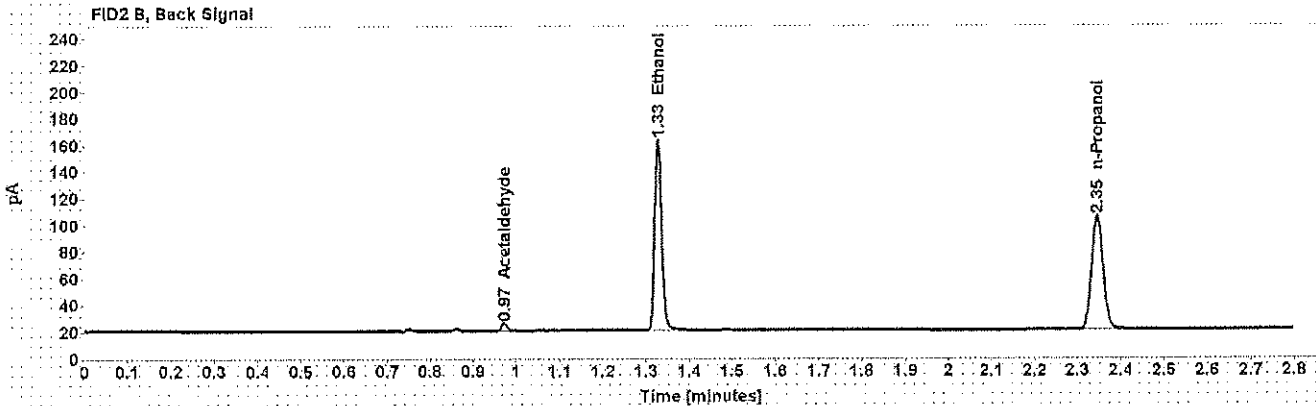
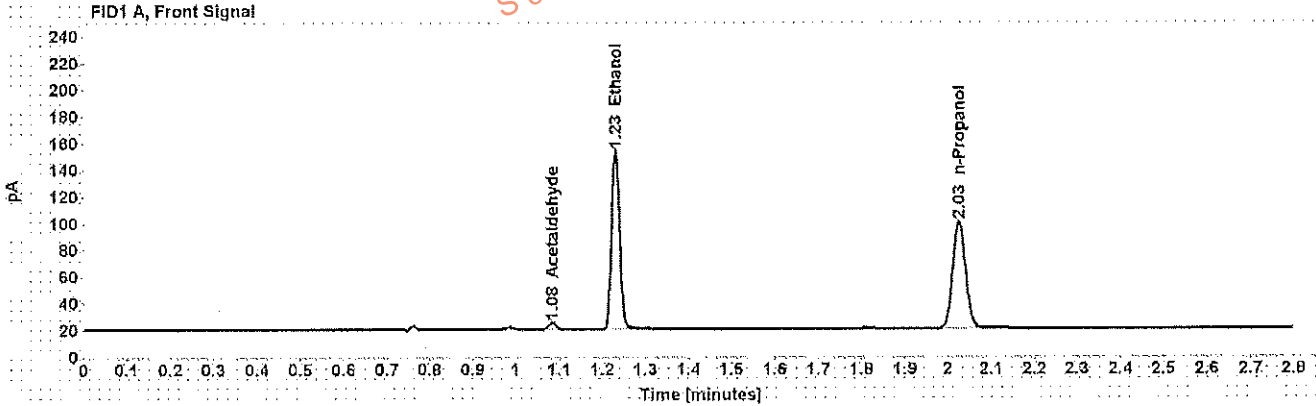


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.180
>Ethanol	0.2811	1.231	171.612
n-Propanol	-----	2.025	163.968

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.176
Ethanol	1.328	165.385
n-Propanol	2.346	157.406

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1147356
Injection date: 4/19/2017 5:12:30 PM	Vial: 72
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\19Apr17\72.D	

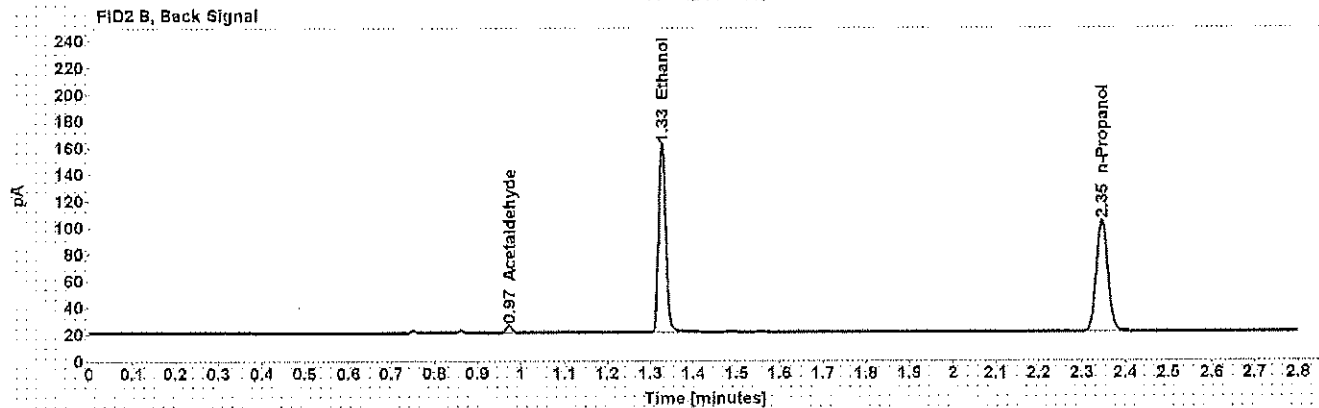
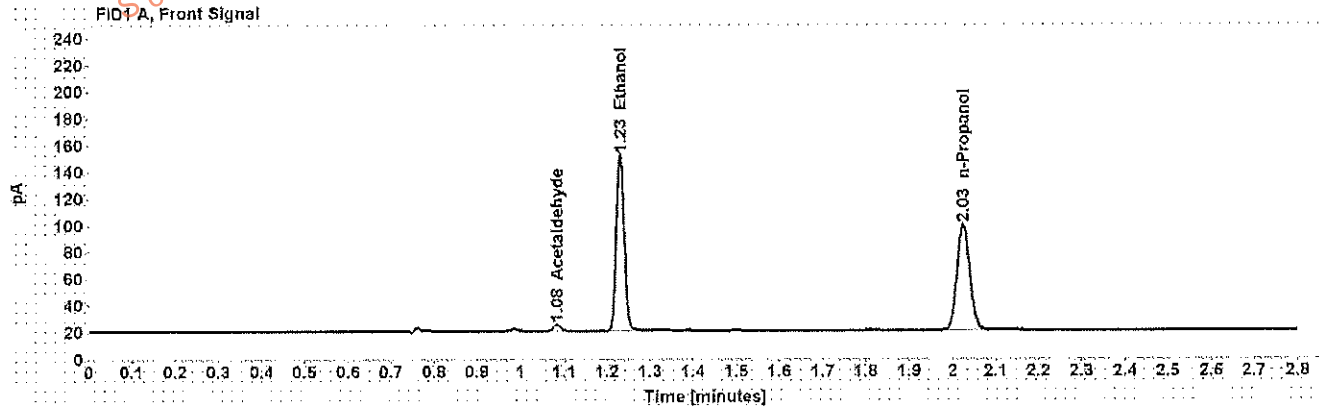


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.078
>Ethanol	0.2816	1.230	169.446
n-Propanol	-----	2.025	161.579

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.166
Ethanol	1.327	163.403
n-Propanol	2.346	155.047

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1147072
Injection date:	4/19/2017 5:16:46 PM	Vial:	73
Method:	ethanol quant M	Sequence:	19Apr17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\19Apr17\73.D		

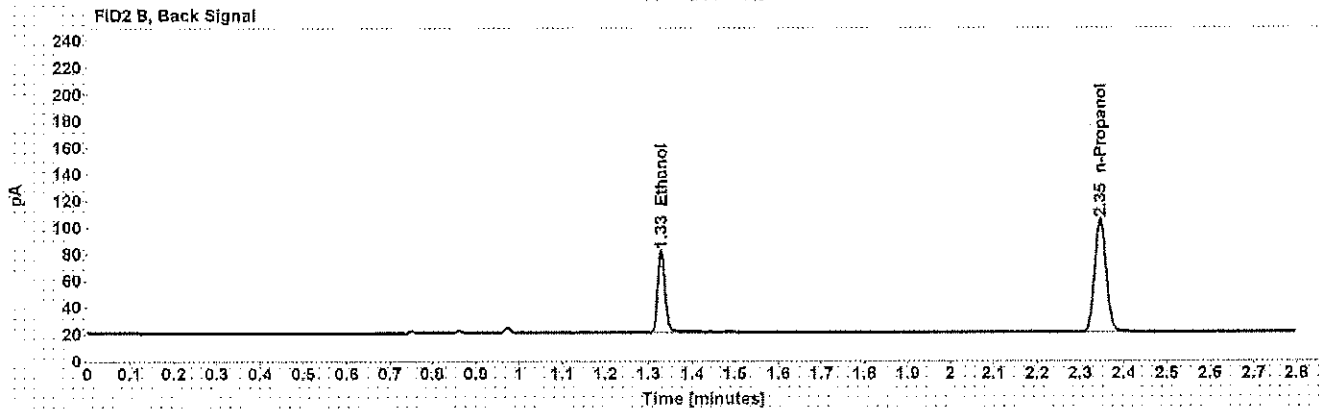
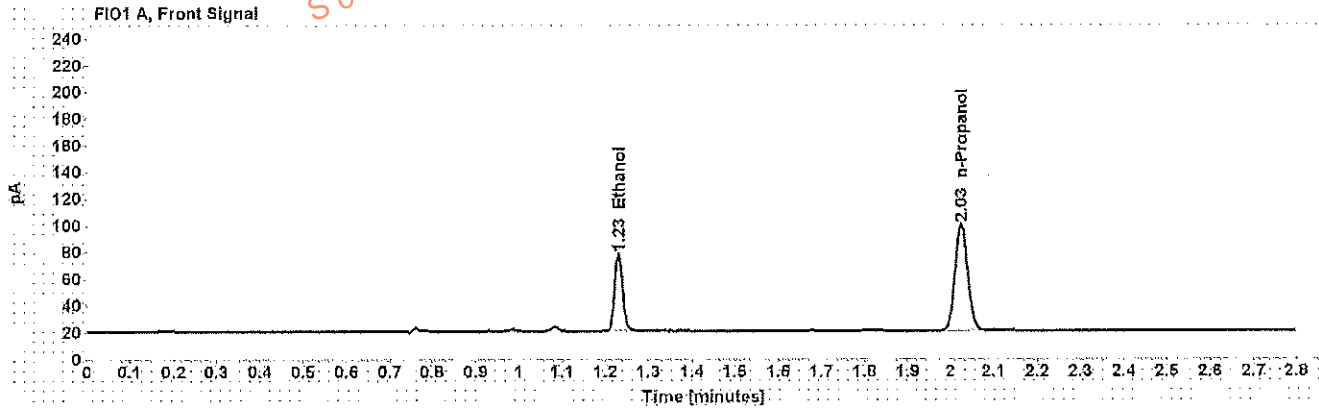


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1225	1.231	73.992
n-Propanol	-----	2.025	162.862

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

Compound	Time (min)	Peak Area
Ethanol	1.328	70.905
n-Propanol	2.346	156.522

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1147072
Injection date: 4/19/2017 5:20:46 PM	Vial: 74
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\74.D	

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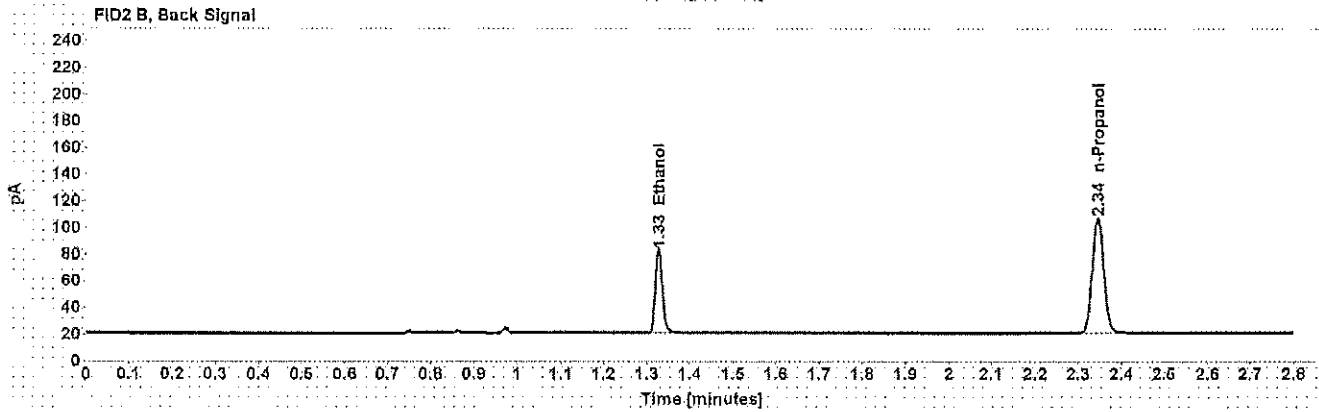
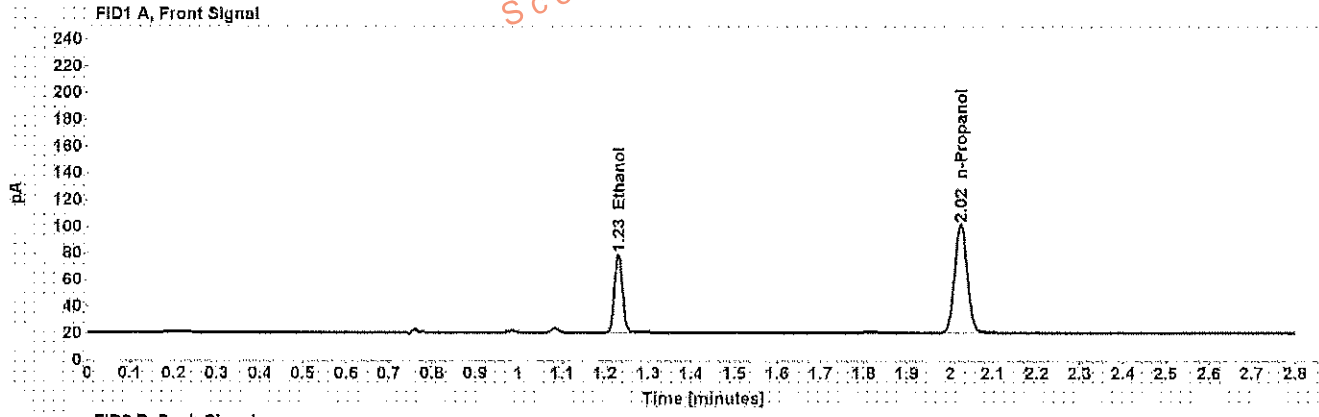


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1226	1.230	75.645
n-Propanol	-----	2.025	166.403

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

Compound	Time (min)	Peak Area
Ethanol	1.327	72.504
n-Propanol	2.345	160.117

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1147082
Injection date: 4/19/2017 5:28:46 PM	Vial: 76
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\19Apr17\76.D	

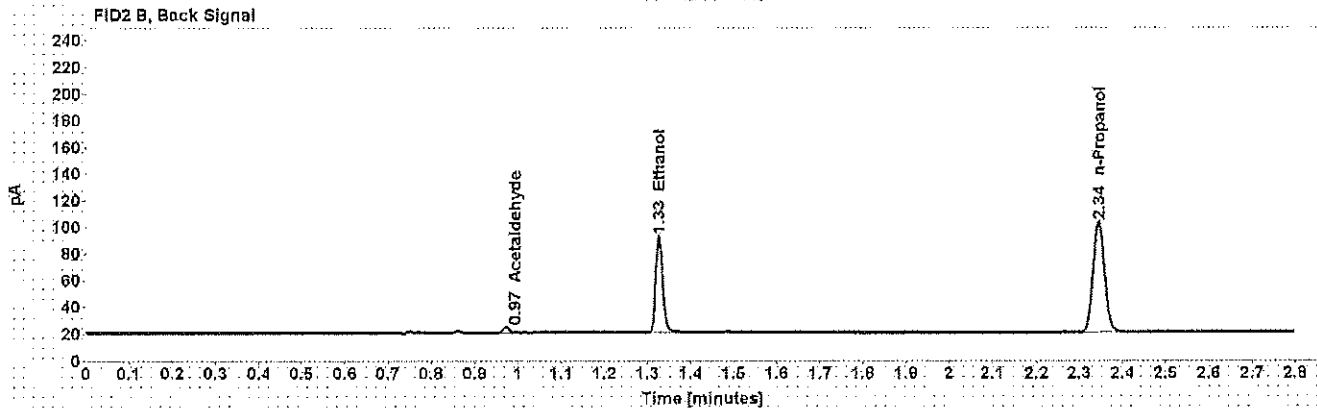
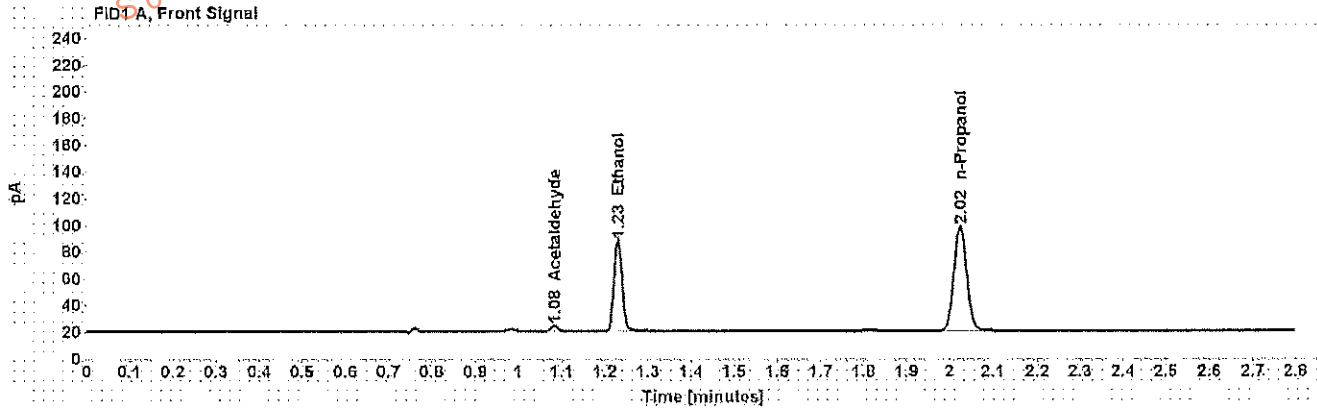


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	3.910
>Ethanol	0.1468	1.230	87.375
n-Propanol	-----	2.024	160.318

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	3.958
Ethanol	1.327	83.937
n-Propanol	2.344	154.290

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1147082
Injection date: 4/19/2017 5:32:45 PM	Vial: 77
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023.CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\19Apr17\177.D	

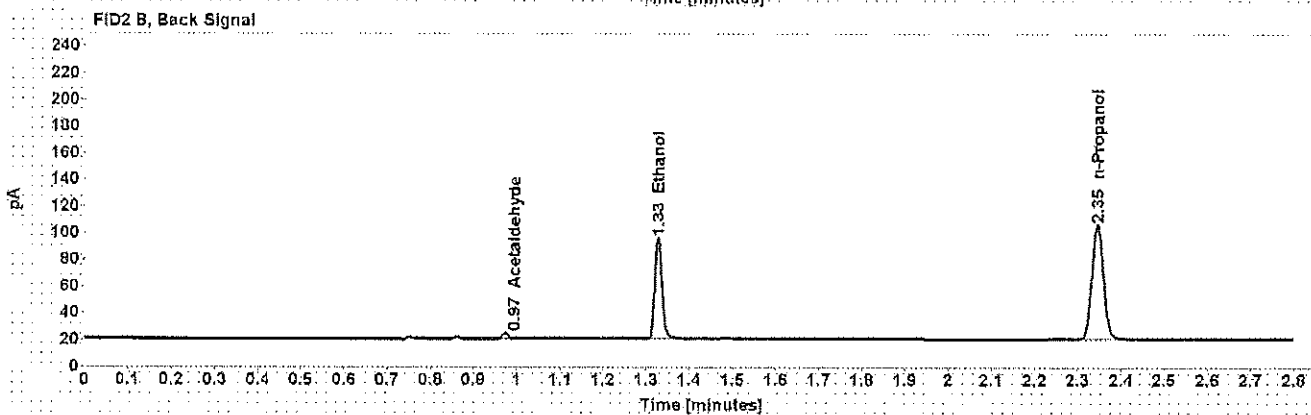
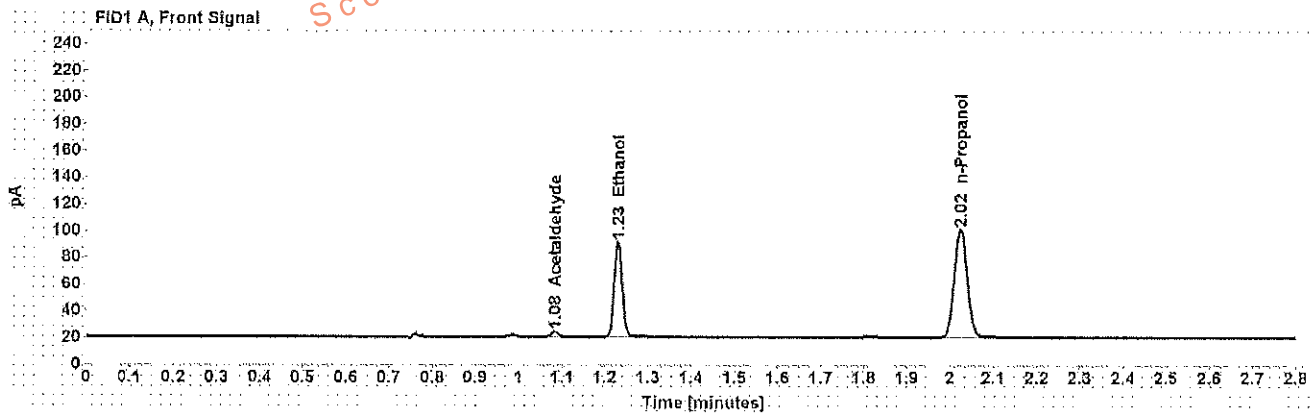


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	3.934
>Ethanol	0.1484	1.230	91.416
n-Propanol	-----	2.025	165.896

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	3.894
Ethanol	1.327	87.739
n-Propanol	2.345	159.562

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1145917
Injection date: 4/19/2017 5:36:45 PM	Vial: 78
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\19Apr17\78.D	

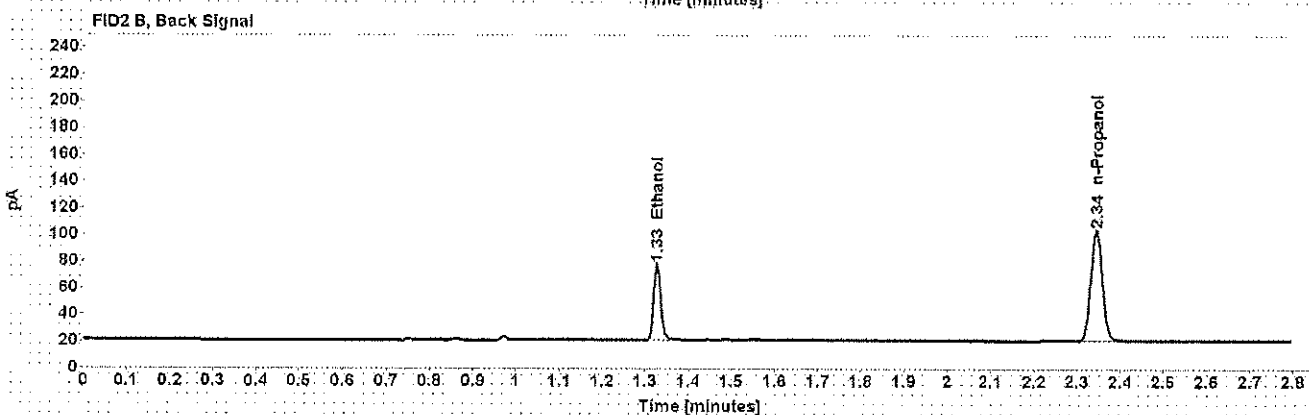
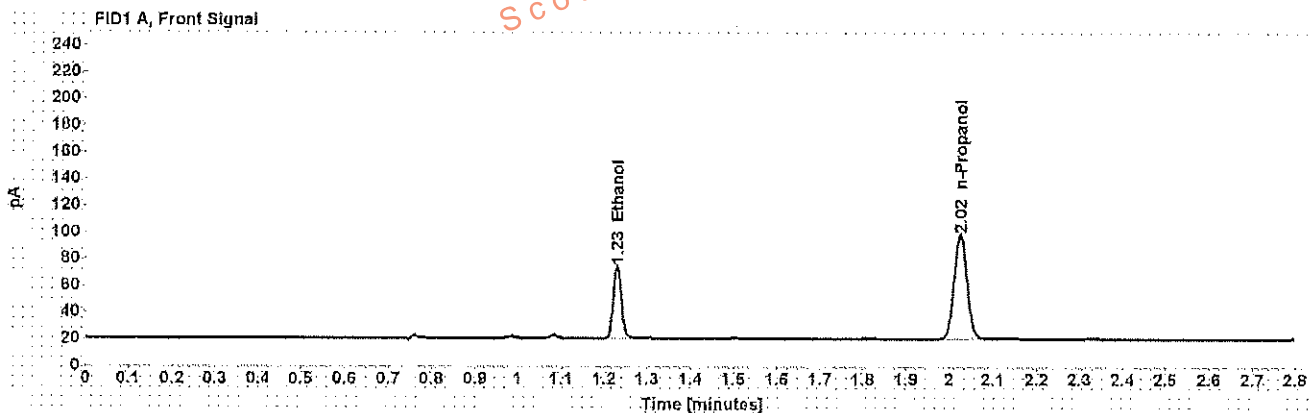


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1160	1.230	69,060
n-Propanol	-----	2.025	160,534

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

Compound	Time (min)	Peak Area
Ethanol	1.327	66,347
n-Propanol	2.344	154,604

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1145917
Injection date: 4/19/2017 5:41:00 PM	Vial: 79
Method: ethanol quant.M	Sequence: 19Apr17
Instrument: US14173023 CN14160045	Analyst: Adrian
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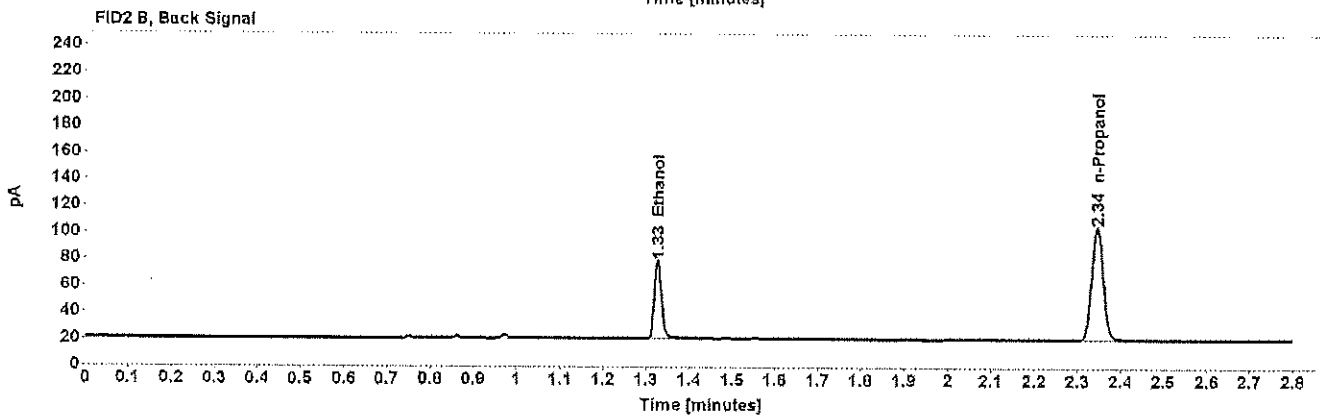
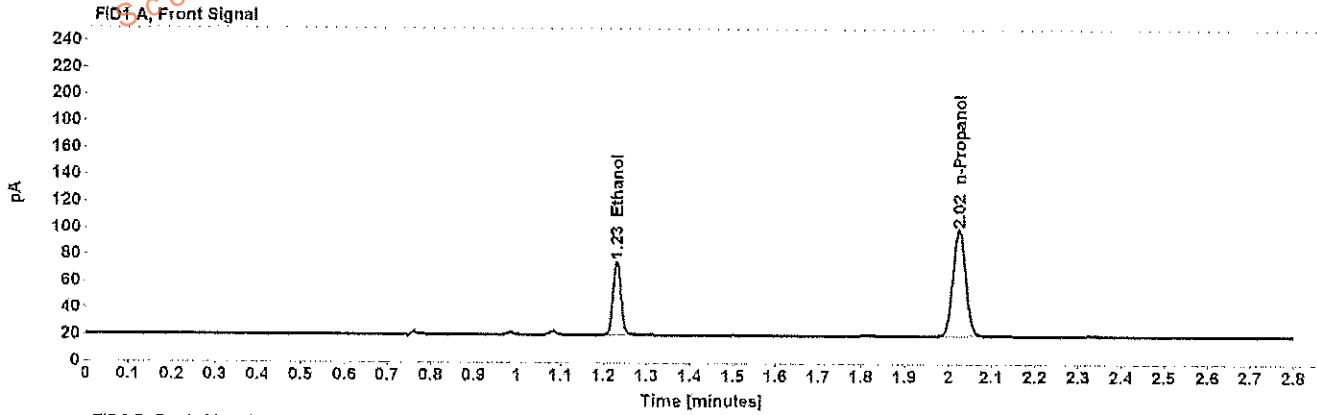


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1169	1.230	70.565
n-Propanol	-----	2.025	162.728

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

Compound	Time (min)	Peak Area
Ethanol	1.327	67.776
n-Propanol	2.345	156.638