

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 2/10/2017 SEQUENCE NAME 10Feb17

EQUIPMENT

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

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03241604 Coefficient of determination (r^2)
 Vial 2 0.10 calibrator Lot FN06181501 0.99999
 Vial 3 0.20 calibrator Lot FN07201502
 Vial 4 0.40 calibrator Lot FN11191402

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 012517
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 020917WLA
7	Aqueous control	0.400 g/dL	0.402 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	0.199 g/dL	ACQ 407041529/3
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.153 g/dL	Lipomed 09022015-C
42	Blood control	0.200 g/dL	0.201 g/dL	ACQ 407041529/3
53	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
58	Aqueous control	0.400 g/dL	0.408 g/dL	Lipomed 08012015-C
59	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
60	Blood control	0.200 g/dL	0.200 g/dL	ACQ 407041529/3
61	Blank	Not detected	Not detected	SPD lab 012517

SUBJECT SAMPLES

Subjects in the sequence 22 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid WA B1570 2/13/17 Analyst
 Run invalid
 Run valid KOSECKI 2/13/17 Technical Reviewer
 Run invalid

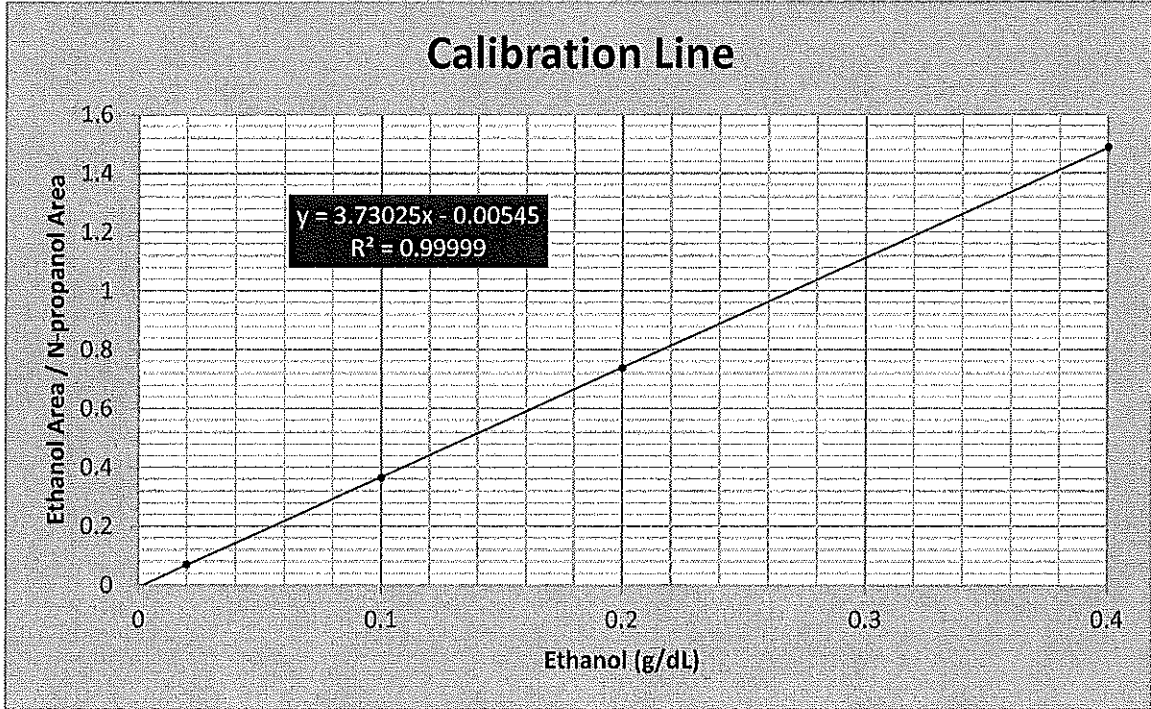
SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY SEQUENCE QUALITY ASSURANCE SUMMARY

SEQUENCE NAME: 10Feb17

ANALYST: Adrian

Control	Vial	Expected Value (g/dl)	Measured Value (g/dl)	Percent Difference	Absolute Difference (g/dl)
1	1	negative	negative	-	-
2	7	0.400	0.402	0.50	0.002
3	8	0.040	0.040	0.00	0.000
4	9	0.200	0.199	0.50	-0.001
5	10	0.080	0.080	0.00	0.000
6	31	0.150	0.153	2.00	0.003
7	42	0.200	0.201	0.50	0.001
8	53	0.080	0.081	1.25	0.001
9	58	0.400	0.408	2.00	0.008
10	59	0.040	0.040	0.00	0.000
11	60	0.200	0.200	0.00	0.000
12	61	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	10.692	149.608	0.071
0.100	53.071	145.110	0.366
0.200	106.179	143.683	0.739
0.400	215.436	144.801	1.488



WA

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	0.020 Cerilliant FN03241604	Item number:	
Injection date:	2/10/2017 1:35:08 PM	Vial:	1
Method:	ethanol quant.M	Sequence:	10Feb17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\10Feb17\1.D		

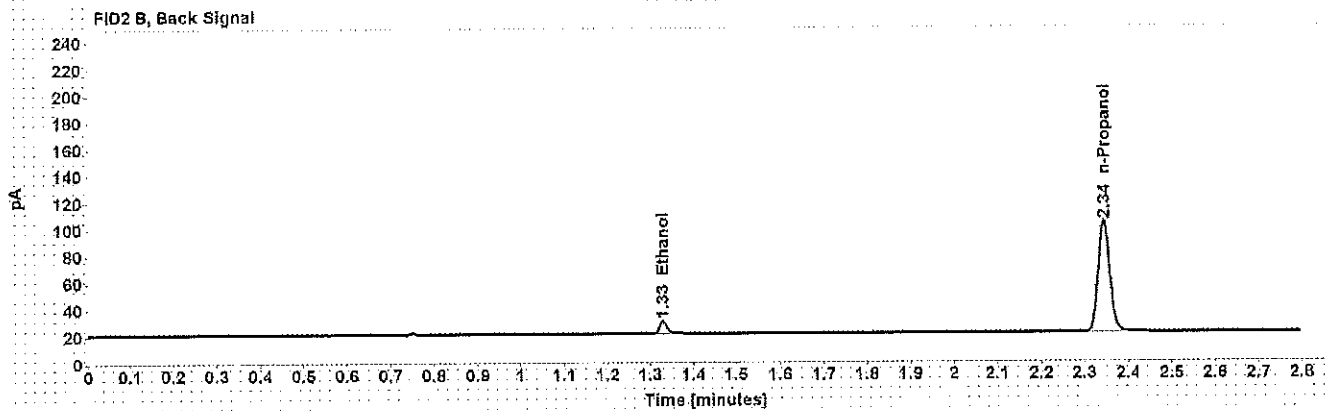
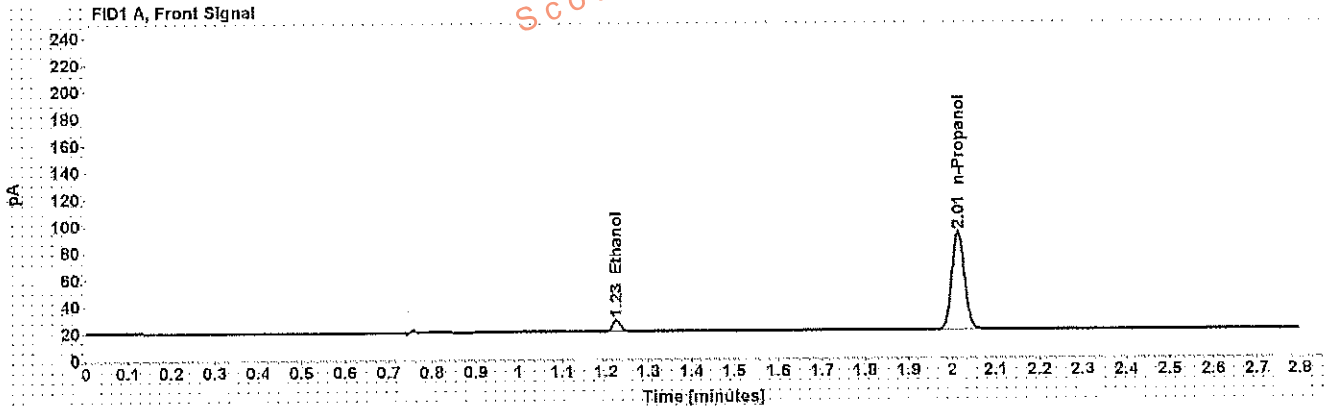


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.225	10.692
n-Propanol	2.014	149.608

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

Compound	Time (min)	Peak Area
Ethanol	1.329	10.874
n-Propanol	2.344	153.699

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.100 Cerilliant FN06181501 Item number:
 Injection date: 2/10/2017 1:39:09 PM Vial: 2
 Method: ethanol quant.M Sequence: 10Feb17
 Instrument: US14173023 CN14160045 Analyst: Adrian
 Data file: C:\Chem321\Data\10Feb17\2.D

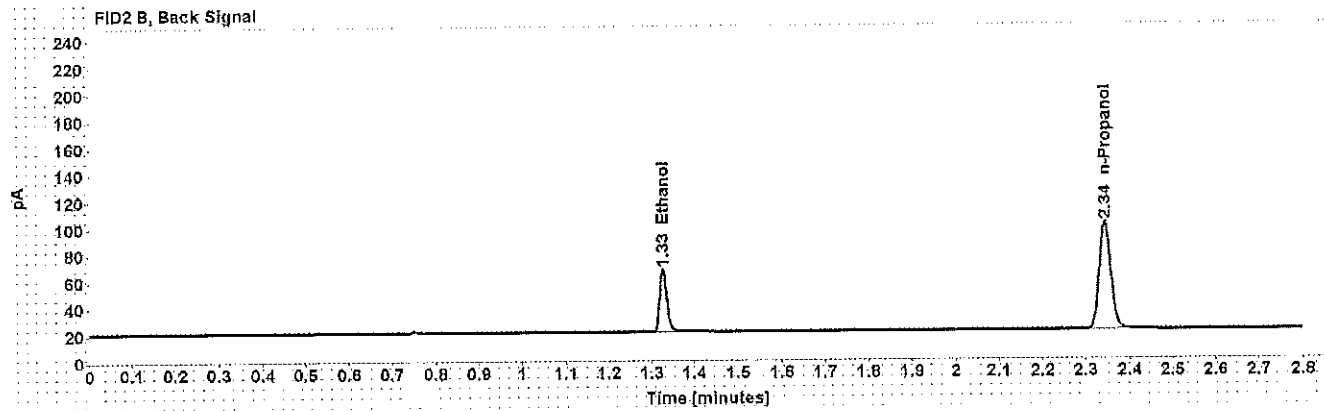
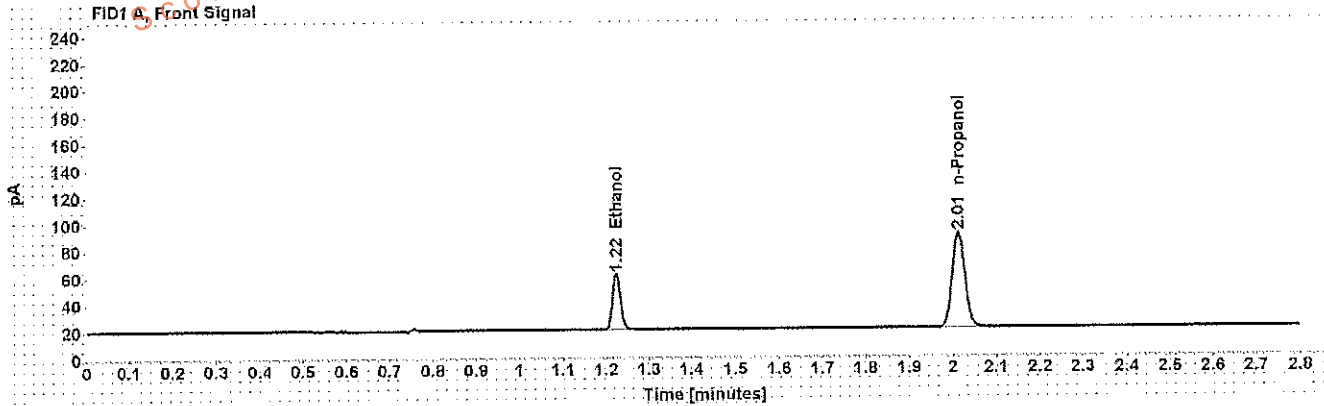


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	53.071
n-Propanol	2.014	145.110

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

Compound	Time (min)	Peak Area
Ethanol	1.327	54.580
n-Propanol	2.344	148.964

WA

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.200 Cerilliant FN07201502 Item number:
 Injection date: 2/10/2017 1:43:07 PM Vial: 3
 Method: ethanol quant.M Sequence: 10Feb17
 Instrument: US14173023 CN14160045 Analyst: Adrian
 Data file: C:\Chem321\Data\10Feb17\3.D

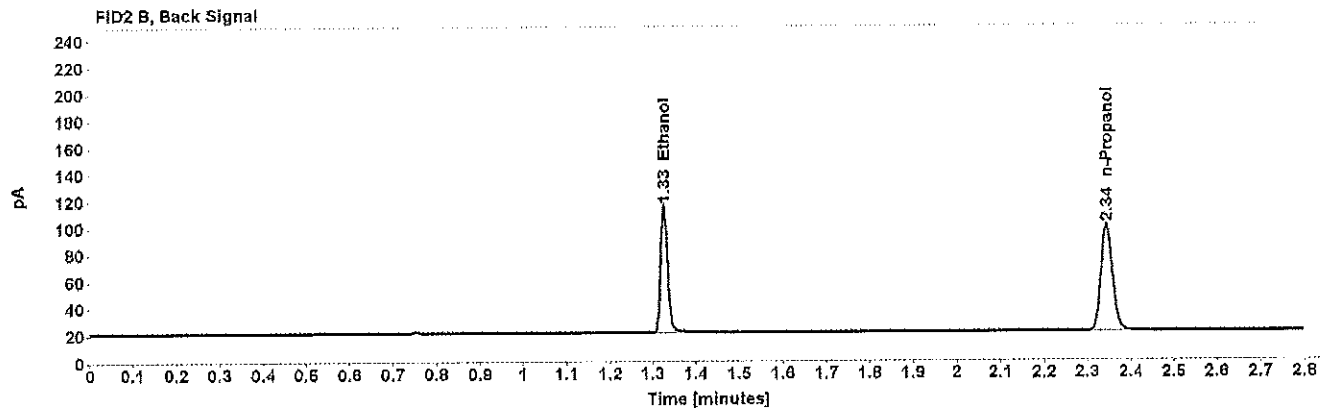
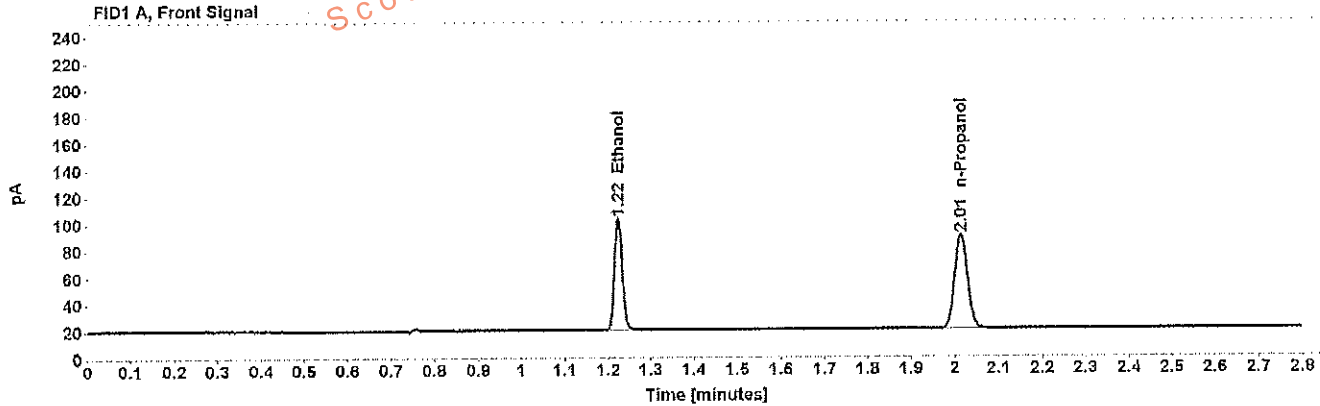


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	106.179
n-Propanol	2.014	143.683

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

Compound	Time (min)	Peak Area
Ethanol	1.326	109.581
n-Propanol	2.344	147.503

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.400 Cerilliant FN11191402	Item number:
Injection date: 2/10/2017 1:47:07 PM	Vial: 4
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\4.D	

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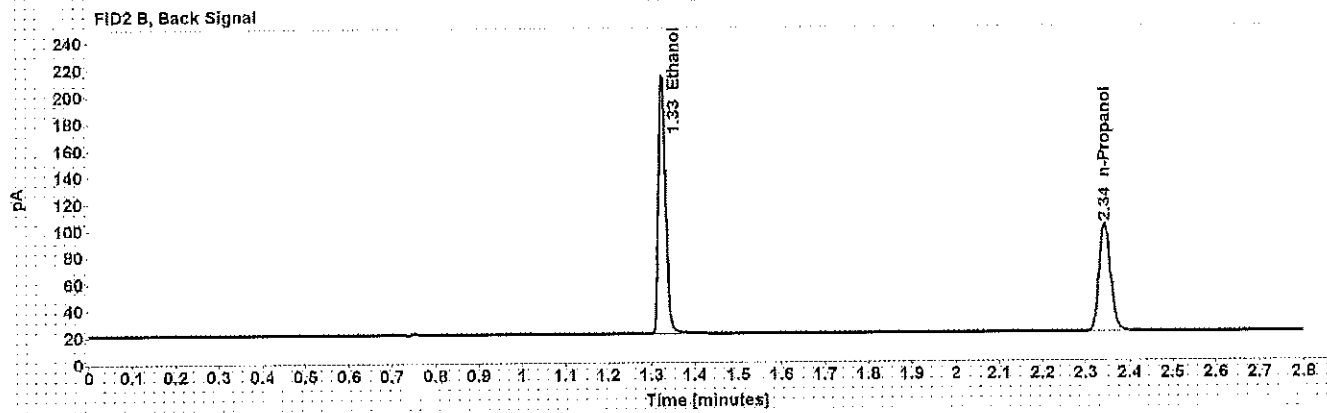
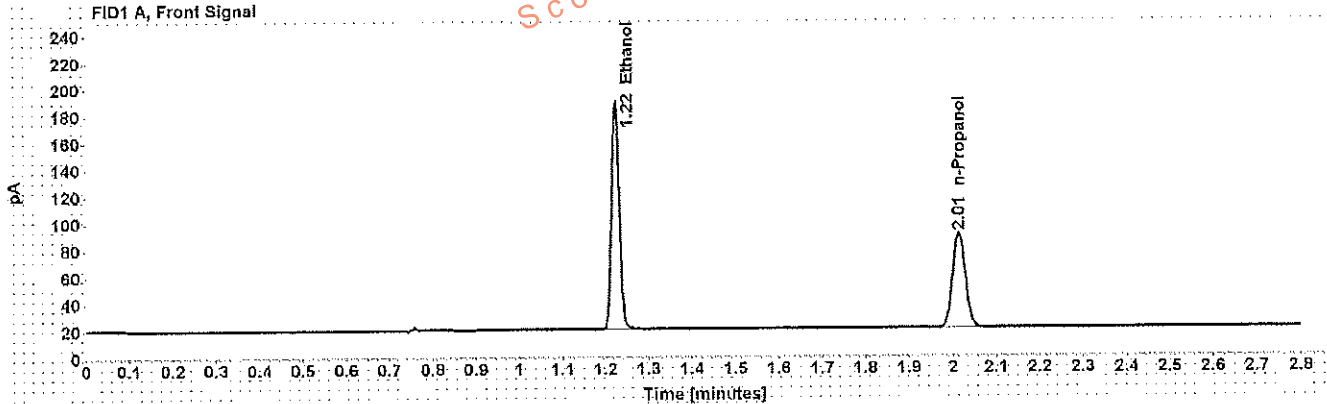


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.223	215.436
n-Propanol	2.014	144.801

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

Compound	Time (min)	Peak Area
Ethanol	1.326	222.893
n-Propanol	2.344	148.738

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 012517 Item number:
 Injection date: 2/10/2017 1:51:08 PM Vial: 5
 Method: ethanol quant.M Sequence: 10Feb17
 Instrument: US14173023 CN14160045 Analyst: Adrian
 Data file: C:\Chem3211\Data\10Feb17\5.D

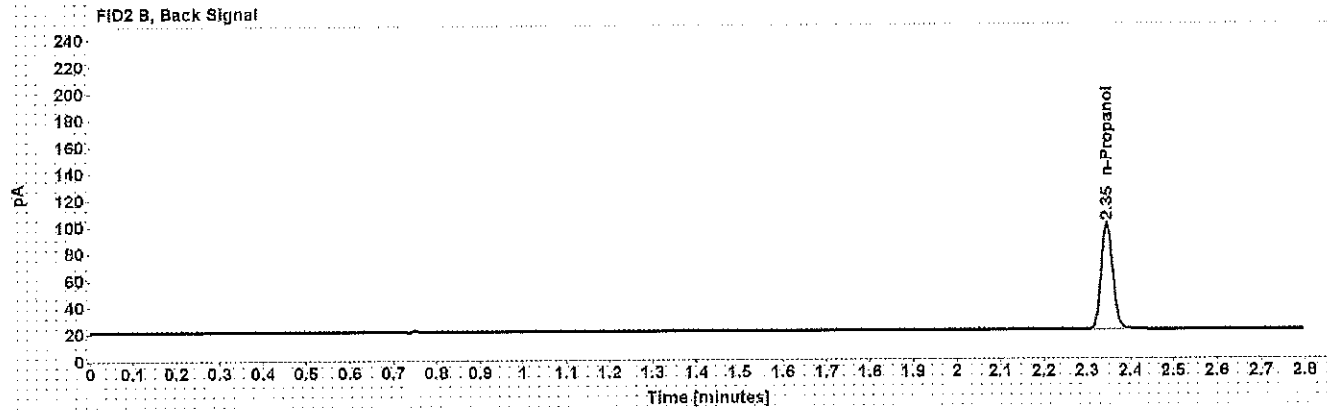
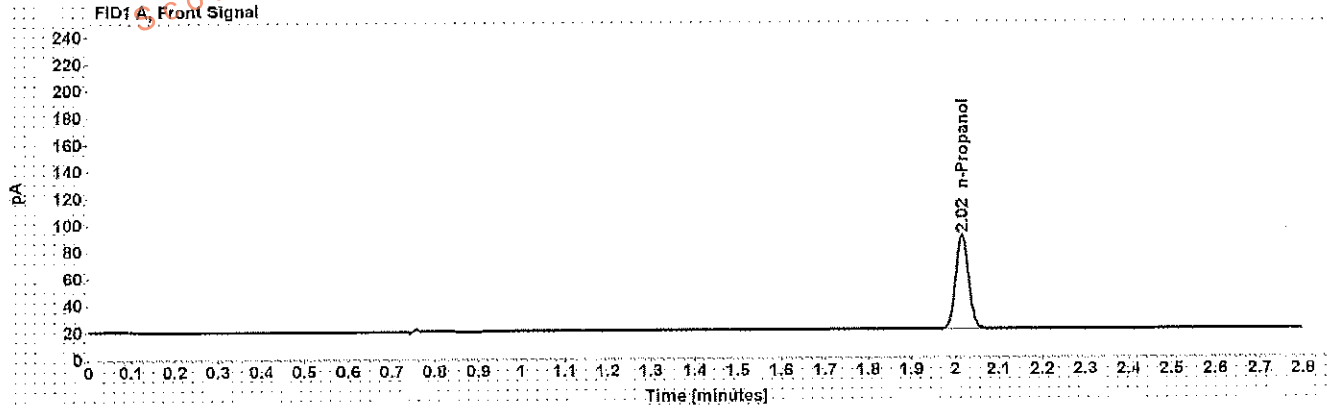


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	143.382

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

Compound	Time (min)	Peak Area
n-Propanol	2.346	147.369

WMA

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: volatiles mix 020917 WLA **Item number:**
Injection date: 2/10/2017 1:55:09 PM **Vial:** 6
Method: ethanol quant.M **Sequence:** 10Feb17
Instrument: US14173023 CN14160045 **Analyst:** Adrian
Data file: C:\Chem321\10Feb17\6.D

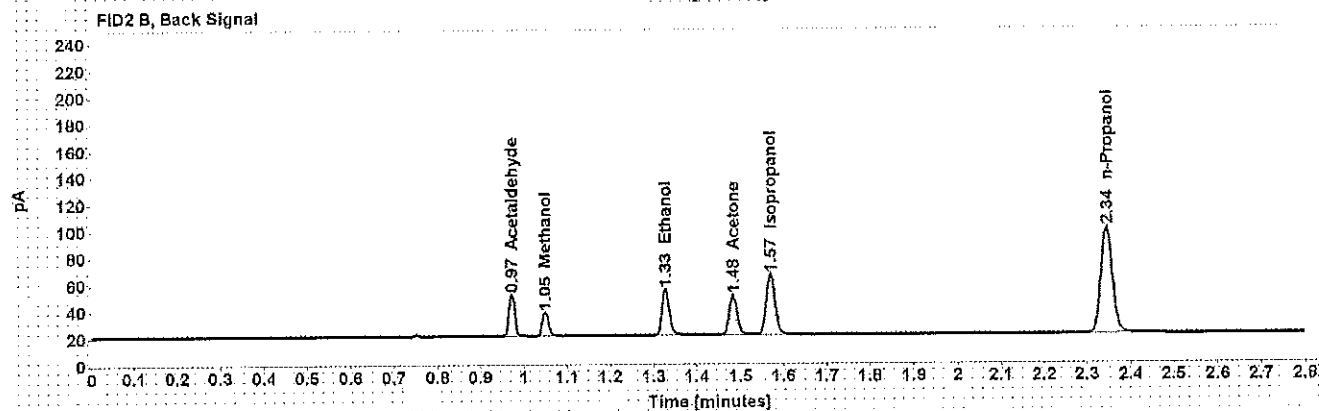
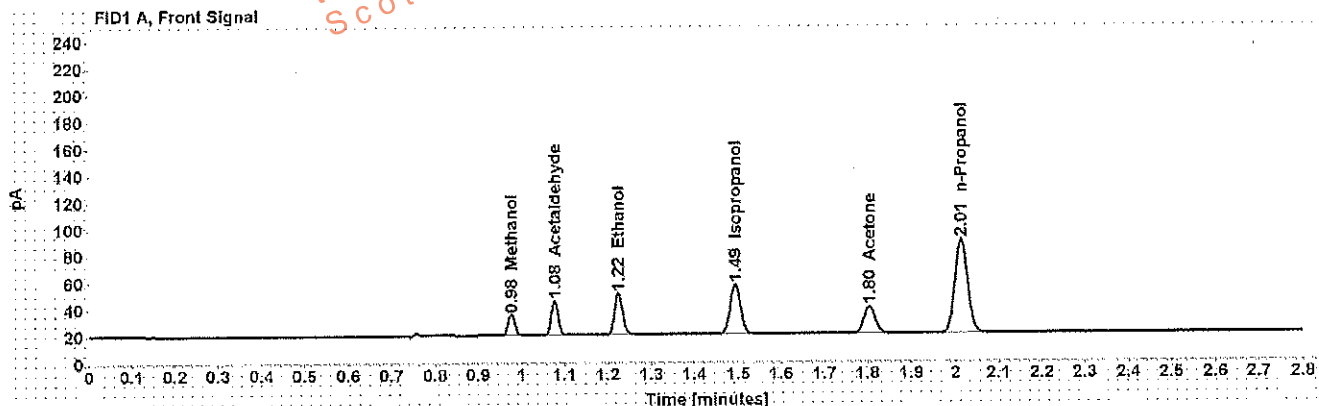


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.976	17.400
Acetaldehyde	-----	1.077	28.627
>Ethanol	0.0752	1.224	39.296
Isopropanol	-----	1.493	61.021
Acetone	-----	1.804	36.098
n-Propanol	-----	2.014	142.896

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	30.314
Methanol	1.050	18.047
Ethanol	1.327	40.321
Acetone	1.483	36.906
Isopropanol	1.570	63.172
n-Propanol	2.344	146.745

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.400 Lipomed 08012015-C	Item number:
Injection date: 2/10/2017 1:59:23 PM	Vial: 7
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\17.D	

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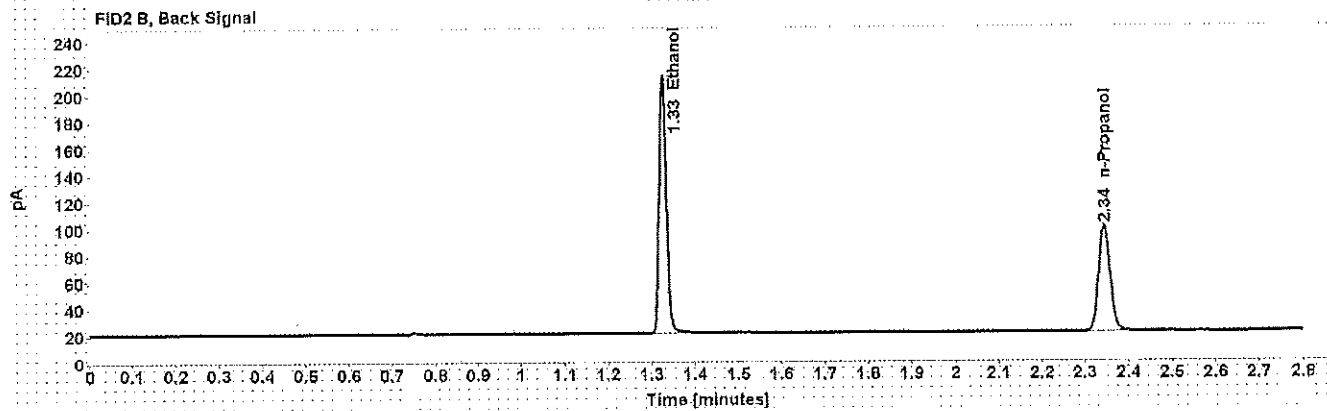
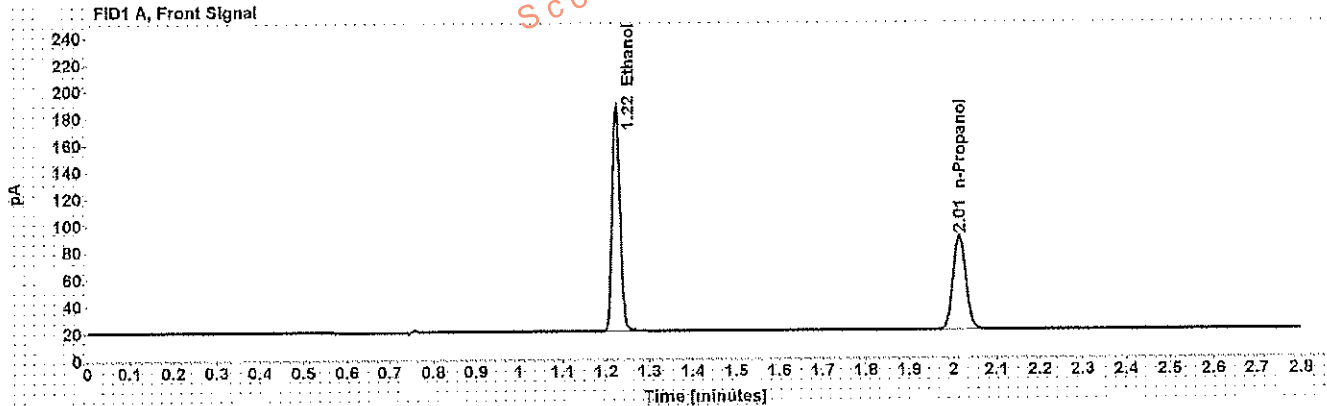


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4024	1.223	214.105
n-Propanol	-----	2.014	143.172

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

Compound	Time (min)	Peak Area
Ethanol	1.326	221.454
n-Propanol	2.345	147.184

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.040 Lipomed 09022015-A **Item number:**
Injection date: 2/10/2017 2:03:22 PM **Vial:** 8
Method: ethanol quant.M **Sequence:** 10Feb17
Instrument: US14173023 CN14160045 **Analyst:** Adrian
Data file: C:\Chem321\Data\10Feb17\8.D

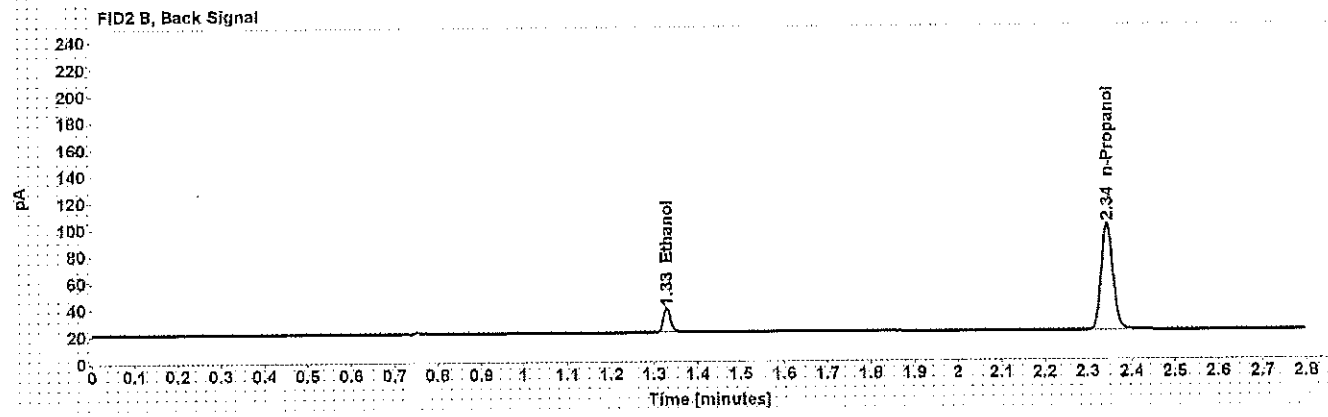
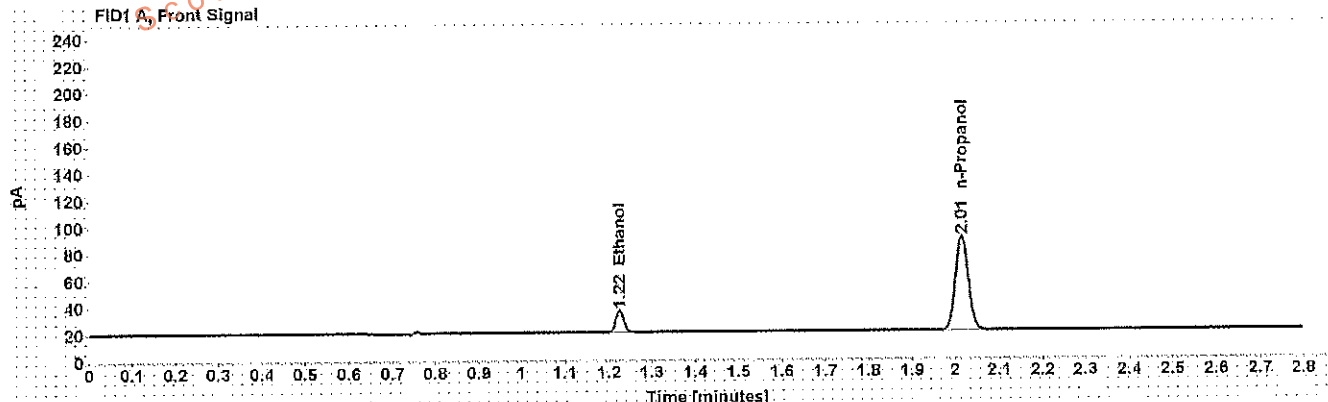


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0401	1.225	20.722
n-Propanol	-----	2.014	143.857

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

Compound	Time (min)	Peak Area
Ethanol	1.328	21.140
n-Propanol	2.344	148.027

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.20 ACQ 407041529/3 Item number:
 Injection date: 2/10/2017 2:07:23 PM Vial: 9
 Method: ethanol quant.M Sequence: 10Feb17
 Instrument: US14173023 CN14160045 Analyst: Adrian
 Data file: C:\Chem32\1\Data\10Feb17\9.D

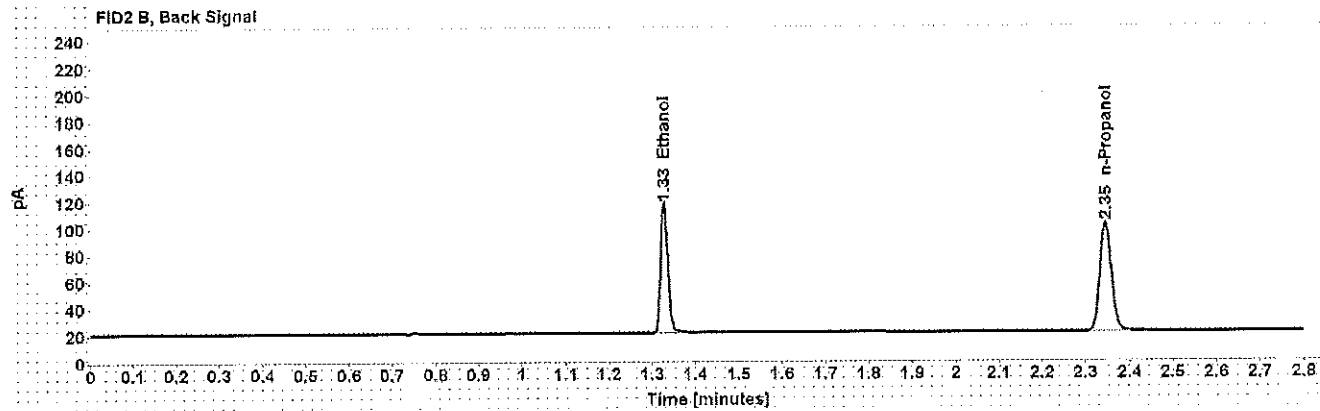
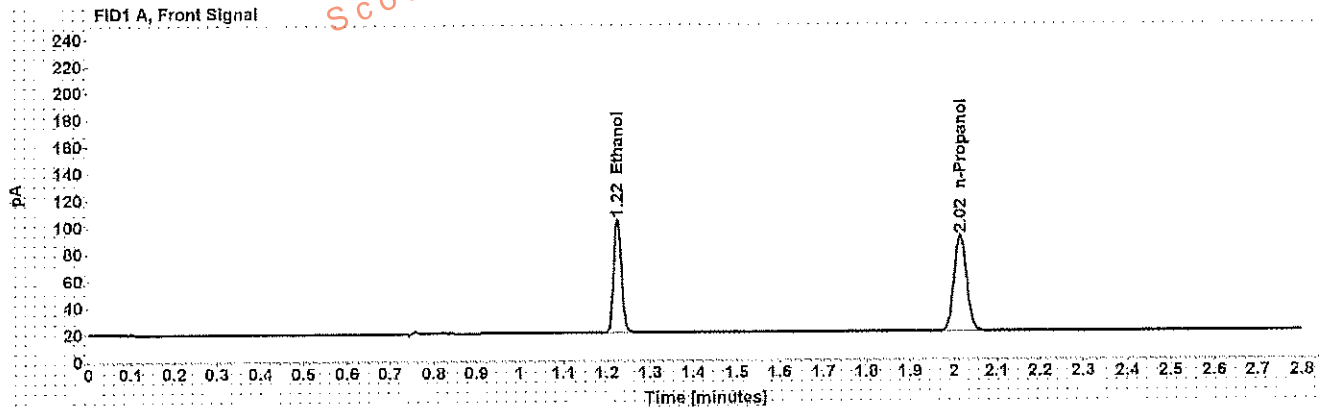


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1997	1.225	108.302
n-Propanol	-----	2.015	146.481

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

Compound	Time (min)	Peak Area
Ethanol	1.328	111.864
n-Propanol	2.346	150.739

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.080 Lipomed 28082014-B	Item number: 20
Injection date: 2/10/2017 2:51:52 PM	Vial: 20
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\20.D	

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WA

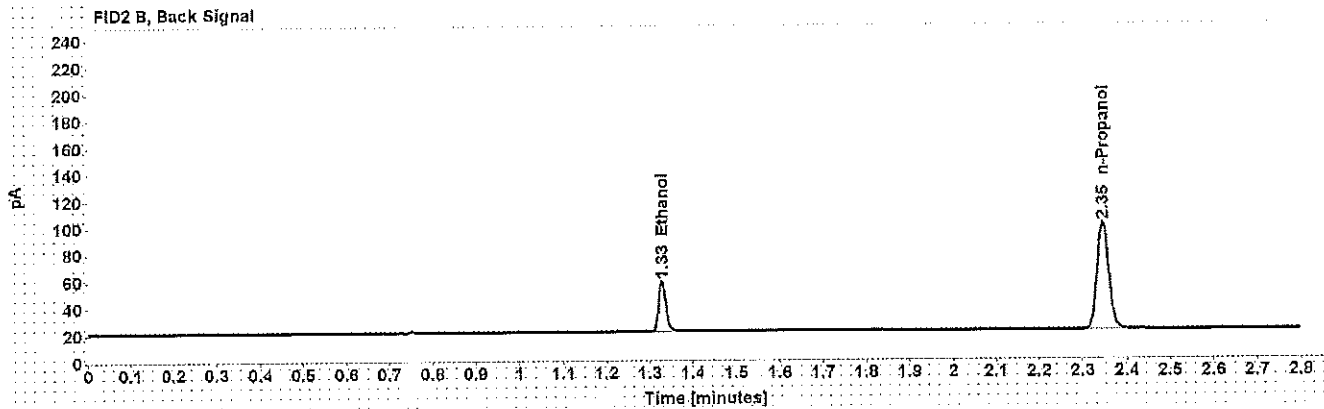
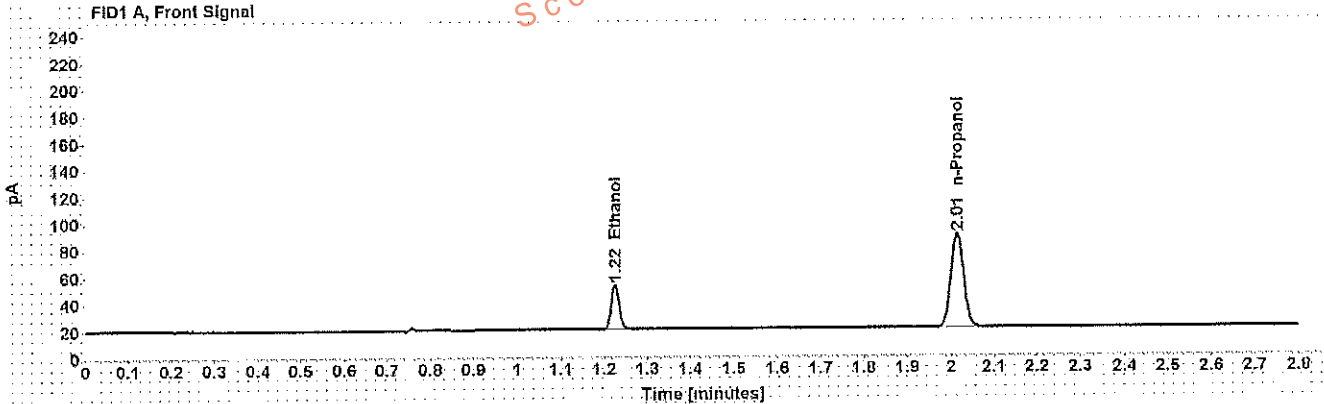


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0809	1.225	42.460
n-Propanol	-----	2.015	143.353

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

Compound	Time (min)	Peak Area
Ethanol	1.328	43.679
n-Propanol	2.345	147.869

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.150 Lipomed 09022015-C
 Injection date: 2/10/2017 3:36:22 PM
 Method: ethanol quant M
 Instrument: US14173023 CN14160045
 Data file: C:\Chem32\1\Data\10Feb17\31.D

Item number:
 Vial: 31
 Sequence: 10Feb17
 Analyst: Adrian

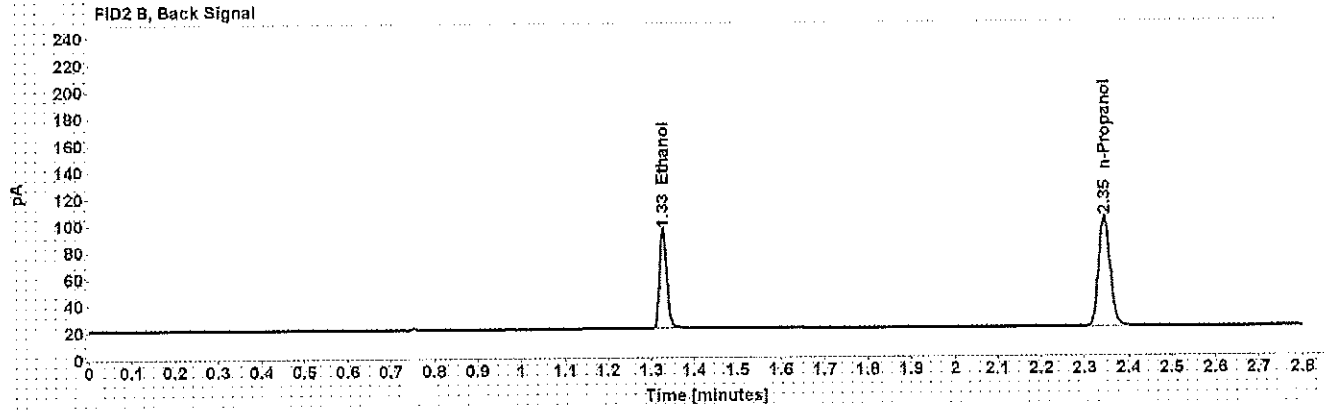
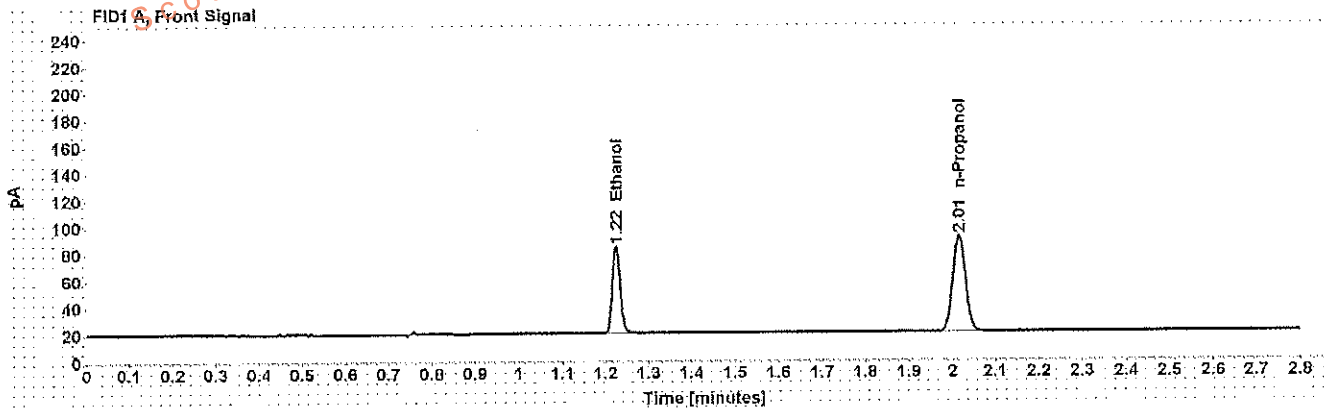


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1530	1.225	83.004
n-Propanol	-----	2.015	146.876

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

Compound	Time (min)	Peak Area
Ethanol	1.328	85.948
n-Propanol	2.346	151.768

WA

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.20 ACQ 407041529/3 Item number:
 Injection date: 2/10/2017 4:20:39 PM Vial: 42
 Method: ethanol quant.M Sequence: 10Feb17
 Instrument: US14173023 CN14160045 Analyst: Adrian
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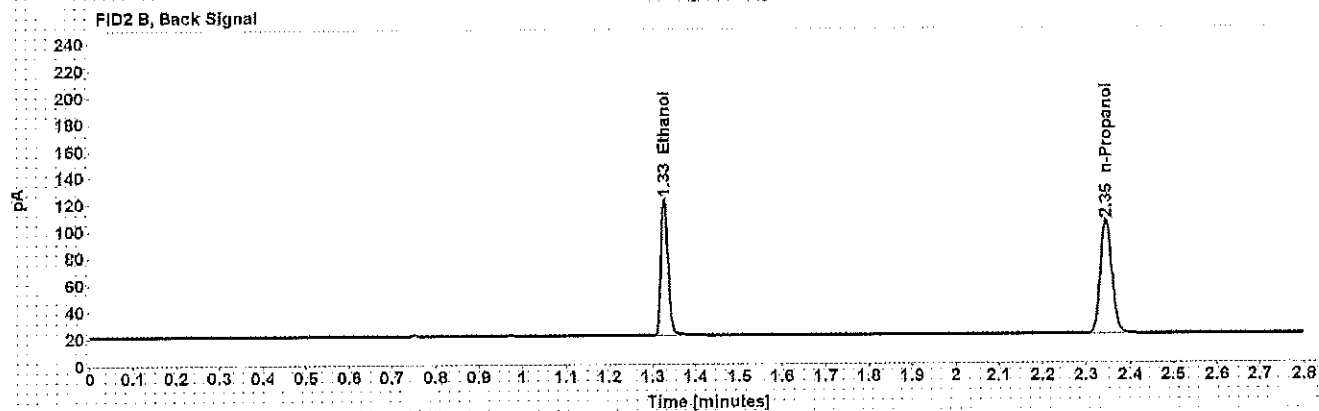
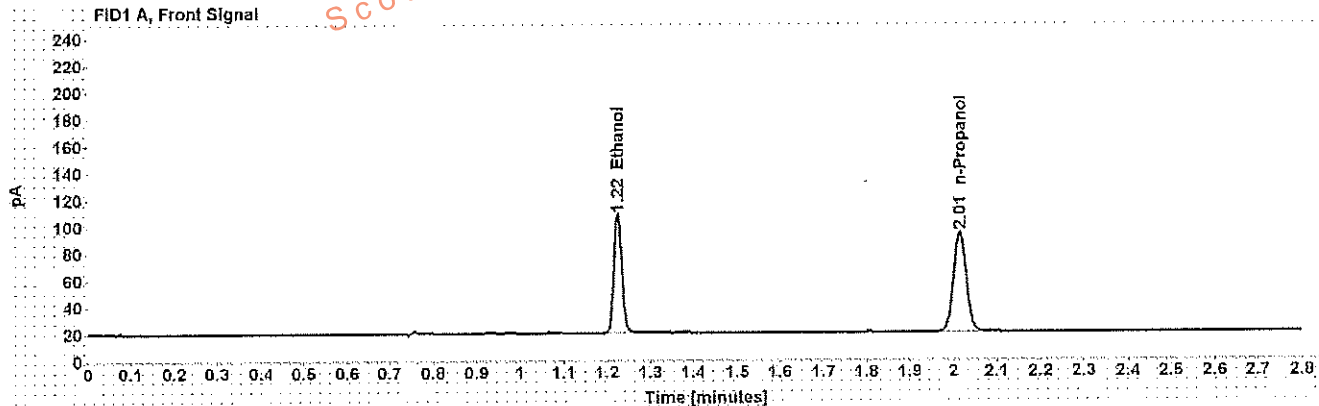


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2014	1.225	113.495
n-Propanol	-----	2.015	152.150

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

Compound	Time (min)	Peak Area
Ethanol	1.328	117.535
n-Propanol	2.346	157.215

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 2/10/2017 5:05:09 PM	Vial: 53
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
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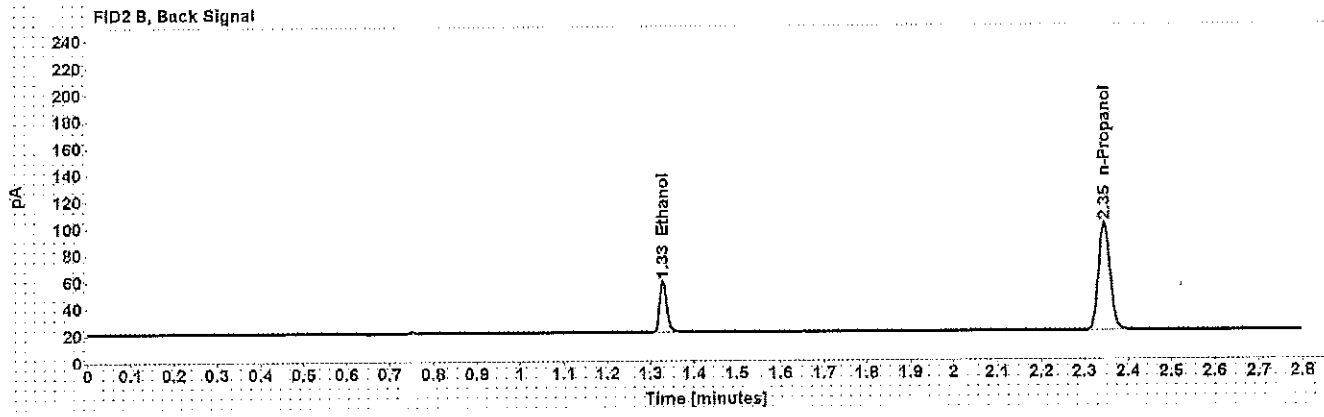
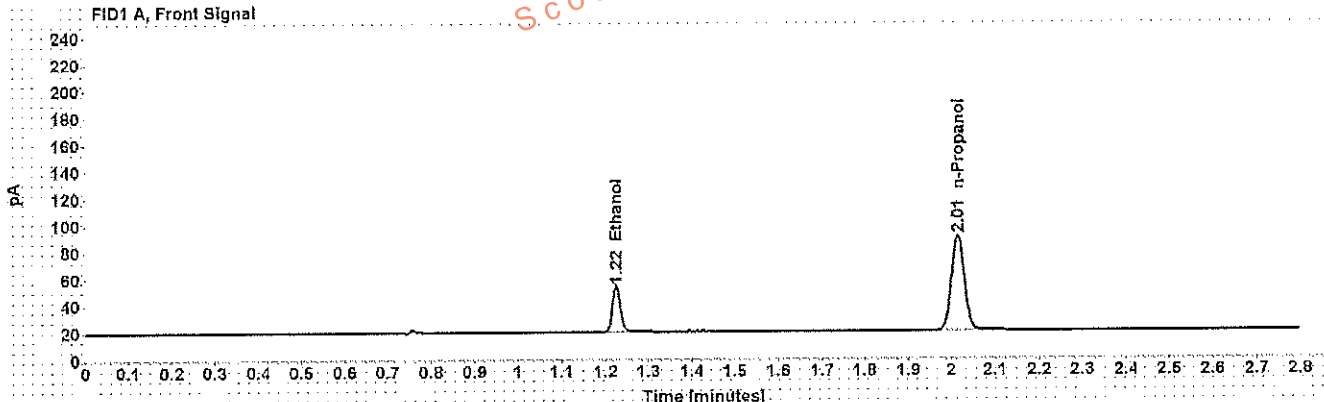


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0810	1.225	42.980
n-Propanol	-----	2.015	144.806

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

Compound	Time (min)	Peak Area
Ethanol	1.328	44.223
n-Propanol	2.345	149.482

WFA

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0.40 Lipomed 08012015-C	Item number:	
Injection date:	2/10/2017 5:25:24 PM	Vial:	58
Method:	ethanol quant.M	Sequence:	10Feb17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\10Feb17\58.D		

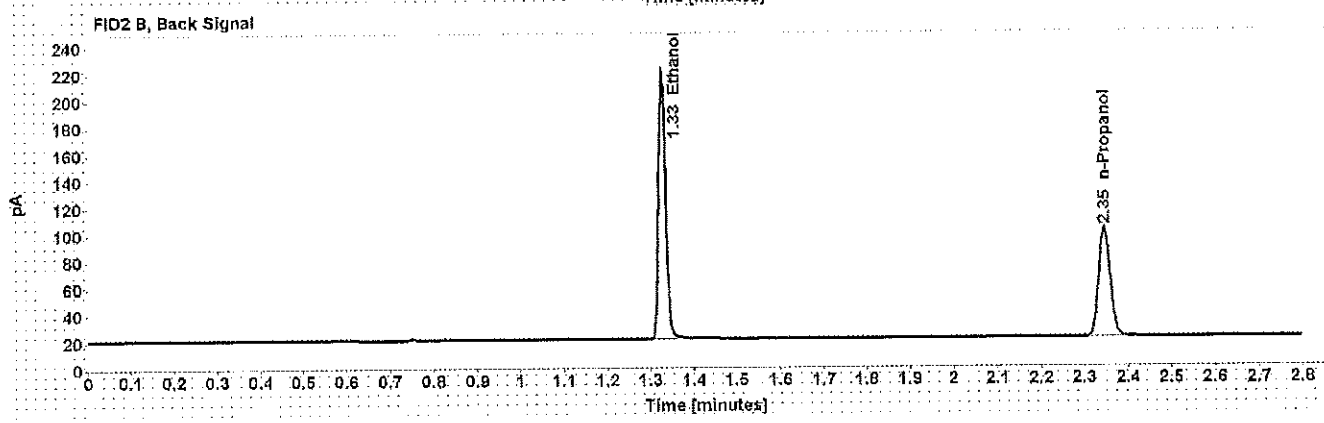
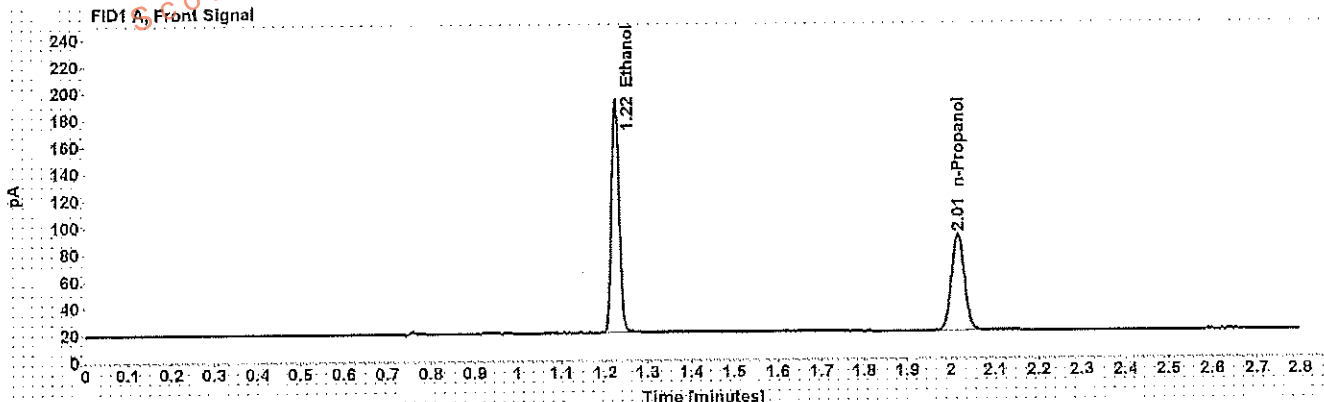


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4082	1.224	222.773
n-Propanol	-----	2.015	146.827

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

Compound	Time (min)	Peak Area
Ethanol	1.327	230.998
n-Propanol	2.346	151.542

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0.04 Lipomed 09022015-A	Item number:	
Injection date:	2/10/2017 5:29:25 PM	Vial:	59
Method:	ethanol quant.M	Sequence:	10Feb17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Dat\10Feb17\59.D		

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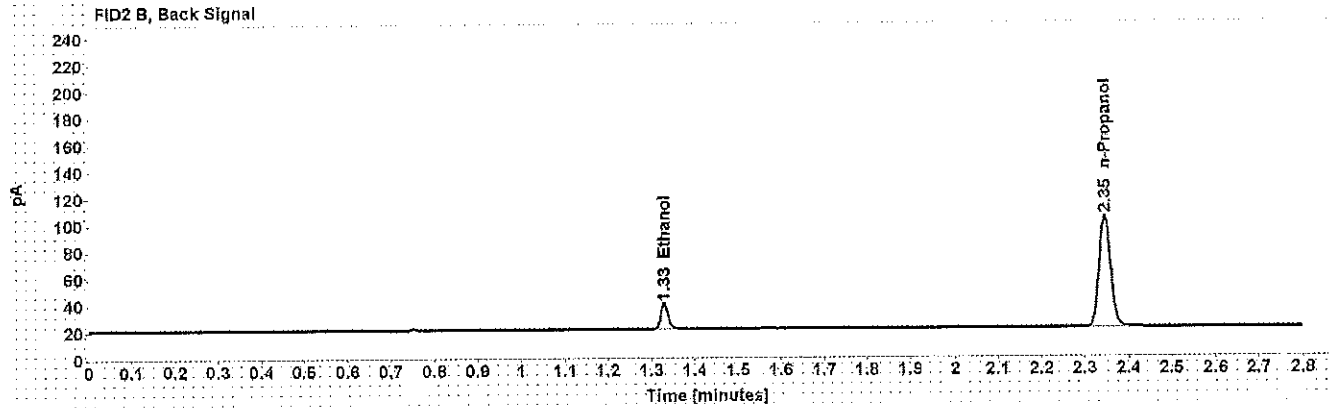
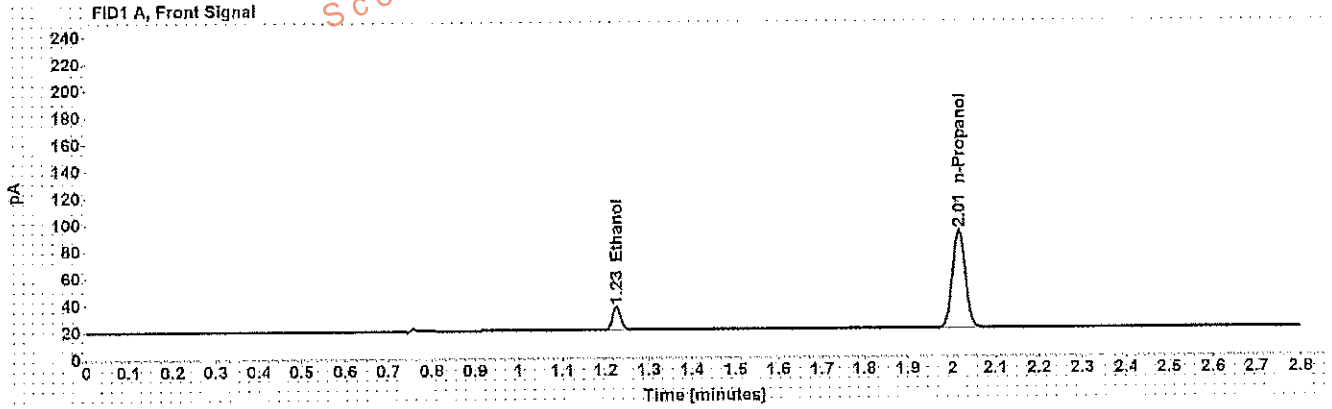


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0408	1.225	21.950
n-Propanol	-----	2.015	149.594

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

Compound	Time (min)	Peak Area
Ethanol	1.329	22.519
n-Propanol	2.346	154.646

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.20 ACQ 407041529/3	Item number:
Injection date: 2/10/2017 5:33:25 PM	Vial: 60
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\60.D	

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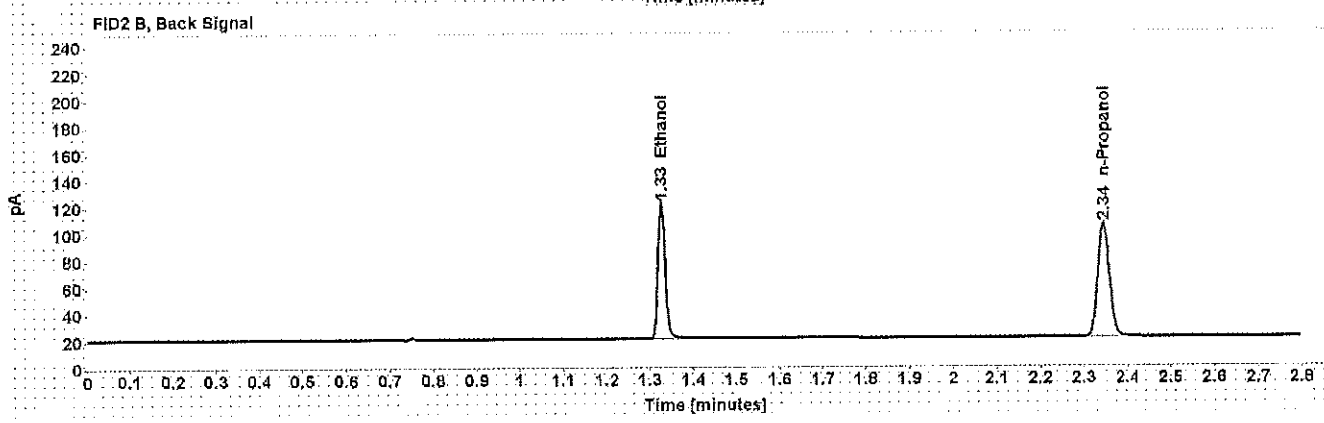
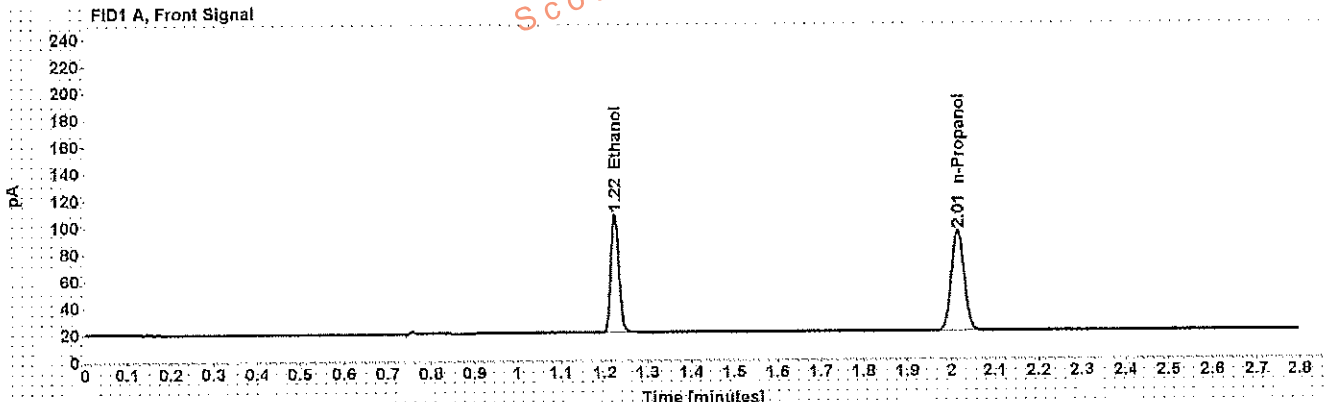


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2004	1.224	113.426
n-Propanol	-----	2.014	152.831

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

Compound	Time (min)	Peak Area
Ethanol	1.327	117.208
n-Propanol	2.345	157.923

WA

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 012517
 Injection date: 2/10/2017 5:37:39 PM
 Method: ethanol quant.M
 Instrument: US14173023 CN14160045
 Data file: C:\Chem321\Data\10Feb17\61.D

Item number:
 Vial: 61
 Sequence: 10Feb17
 Analyst: Adrian

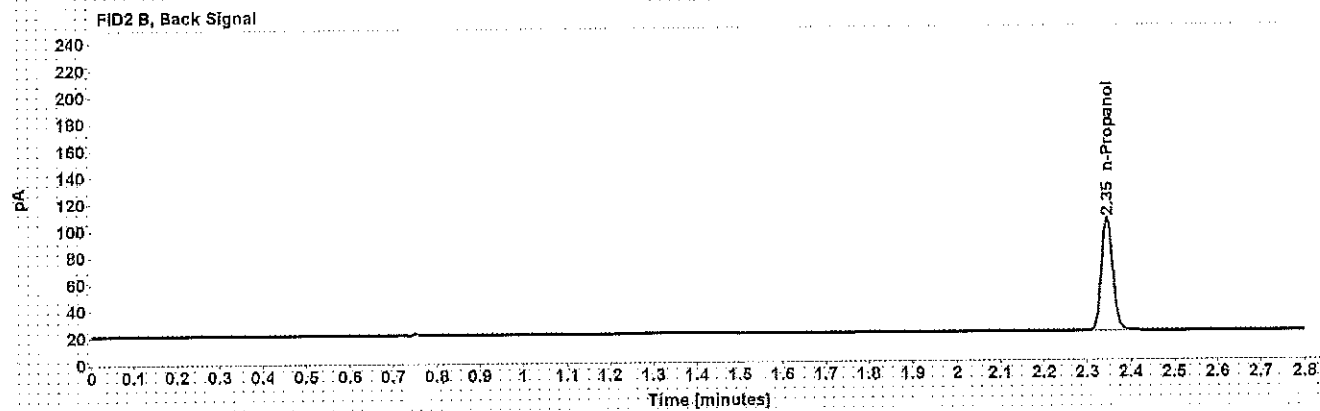
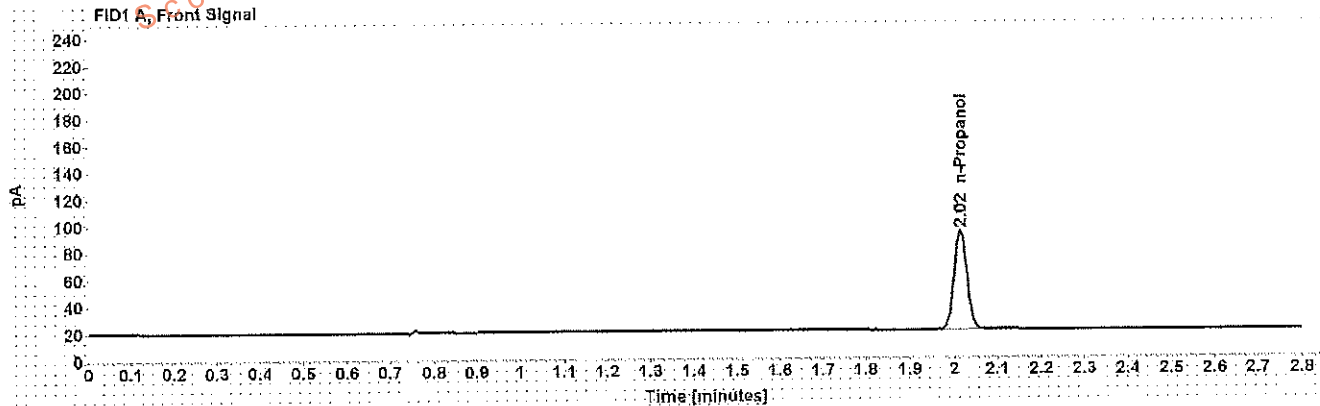


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	150.840

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

Compound	Time (min)	Peak Area
n-Propanol	2.346	155.899

Sequence Summary

Sequence name: 10Feb17 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	1108326	ethanol quant.M
11		Sample	1108326	ethanol quant.M
12		Sample	1129526	ethanol quant.M
13		Sample	1129526	ethanol quant.M
14		Sample	1131437	ethanol quant.M
15		Sample	1131437	ethanol quant.M
16		Sample	1129997	ethanol quant.M
17		Sample	1129997	ethanol quant.M
18		Sample	1133456	ethanol quant.M
19		Sample	1133456	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21		Sample	1113536	ethanol quant.M
22		Sample	1113536	ethanol quant.M
23		Sample	1134865	ethanol quant.M
24		Sample	1134865	ethanol quant.M
25		Sample	1131623	ethanol quant.M
26		Sample	1131623	ethanol quant.M
27		Sample	1132268	ethanol quant.M
28		Sample	1132268	ethanol quant.M
29		Sample	1132278	ethanol quant.M
30		Sample	1132278	ethanol quant.M
31	0.150 Lipomed 09022015-C	Control		ethanol quant.M
32		Sample	1132284	ethanol quant.M
33		Sample	1132284	ethanol quant.M
34		Sample	1135575	ethanol quant.M
35		Sample	1135575	ethanol quant.M
36		Sample	1136227	ethanol quant.M
37		Sample	1136227	ethanol quant.M
38		Sample	1129243	ethanol quant.M
39		Sample	1129243	ethanol quant.M
40		Sample	1136447	ethanol quant.M
41		Sample	1136447	ethanol quant.M
42	0.20 ACQ 407041529/3	Control		ethanol quant.M
43		Sample	1136264	ethanol quant.M
44		Sample	1136264	ethanol quant.M
45		Sample	1136305	ethanol quant.M
46		Sample	1136305	ethanol quant.M
47		Sample	1136244	ethanol quant.M

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Sequence Summary

48		Sample	1136244	ethanol quant.M
49		Sample	1136224	ethanol quant.M
50		Sample	1136224	ethanol quant.M
51		Sample	1124643	ethanol quant.M
52		Sample	1124643	ethanol quant.M
53	0.080 Lipomed 28082014-B	Control		ethanol quant.M
54		Sample	1138805	ethanol quant.M
55		Sample	1138805	ethanol quant.M
56		Sample	1138892	ethanol quant.M
57		Sample	1138892	ethanol quant.M
58	0.40 Lipomed 08012015-C	Control		ethanol quant.M
59	0.04 Lipomed 09022015-A	Control		ethanol quant.M
60	0.20 ACQ 407041529/3	Control		ethanol quant.M
61	blank 012517	Control		ethanol quant.M

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WA

**SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY
SEQUENCE SUMMARY OF CASES**

SEQUENCE NAME: 10Feb17

ANALYST: Adrian

View	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1873	0.1848	0.18620	0.75	0.00140
12 13	0.0000	0.0000	0.00000	0.00	0.00000
14 15	0.1850	0.1809	0.18045	0.25	0.00045
16 17	0.1899	0.1910	0.19045	0.29	0.00055
18 19	0.0729	0.0724	0.07265	0.34	0.00025
21 22	0.1224	0.1228	0.12260	0.16	0.00020
23 24	0.1109	0.1106	0.11075	0.14	0.00015
25 26	0.1041	0.1030	0.10355	0.53	0.00055
27 28	0.0784	0.0778	0.07810	0.38	0.00030
29 30	0.2144	0.2136	0.21400	0.19	0.00040
32 33	0.1919	0.1918	0.19185	0.03	0.00005
34 35	0.1888	0.1895	0.18915	0.19	0.00035
36 37	0.2233	0.2222	0.22275	0.25	0.00055
38 39	0.0000	0.0000	0.00000	0.00	0.00000
40 41	0.0000	0.0000	0.00000	0.00	0.00000
43 44	0.3175	0.3154	0.31645	0.33	0.00105
45 46	0.1339	0.1345	0.13420	0.22	0.00030
47 48	0.1740	0.1745	0.17425	0.14	0.00025
49 50	0.1179	0.1173	0.11760	0.26	0.00030
51 52	0.1884	0.1869	0.18765	0.40	0.00075
54 55	0.0909	0.0914	0.09115	0.27	0.00025
56 57	0.3538	0.3556	0.35470	0.25	0.00090

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1108326
Injection date: 2/10/2017 2:11:23 PM	Vial: 10
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023-CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\10Feb17\10.D	

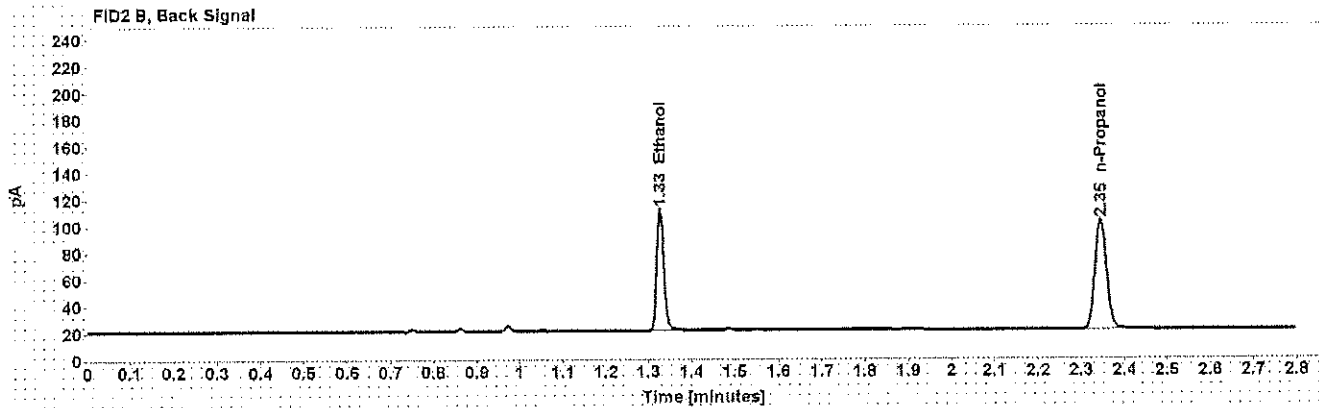
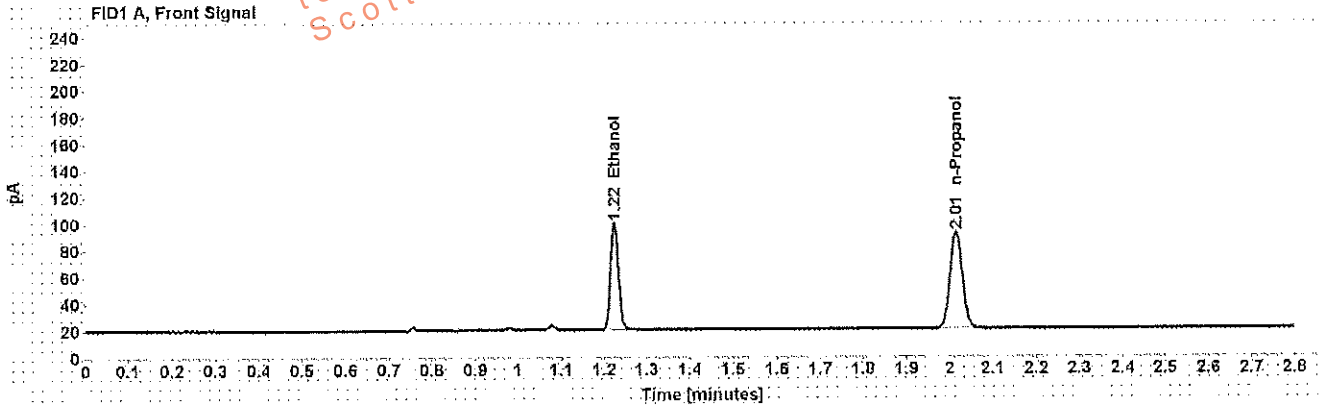


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1876	1.224	102.565
n-Propanol	-----	2.015	147.749

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

Compound	Time (min)	Peak Area
Ethanol	1.327	105.600
n-Propanol	2.345	152.453

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	4108326
Injection date:	2/10/2017 2:15:23 PM	Vial:	11
Method:	ethanol quant.M	Sequence:	10Feb17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\10Feb17\11.D		

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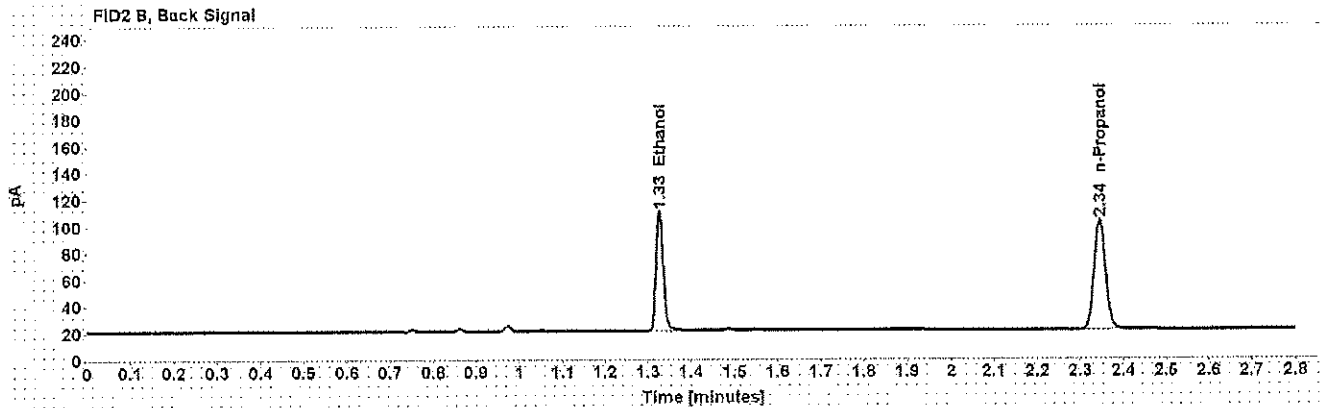
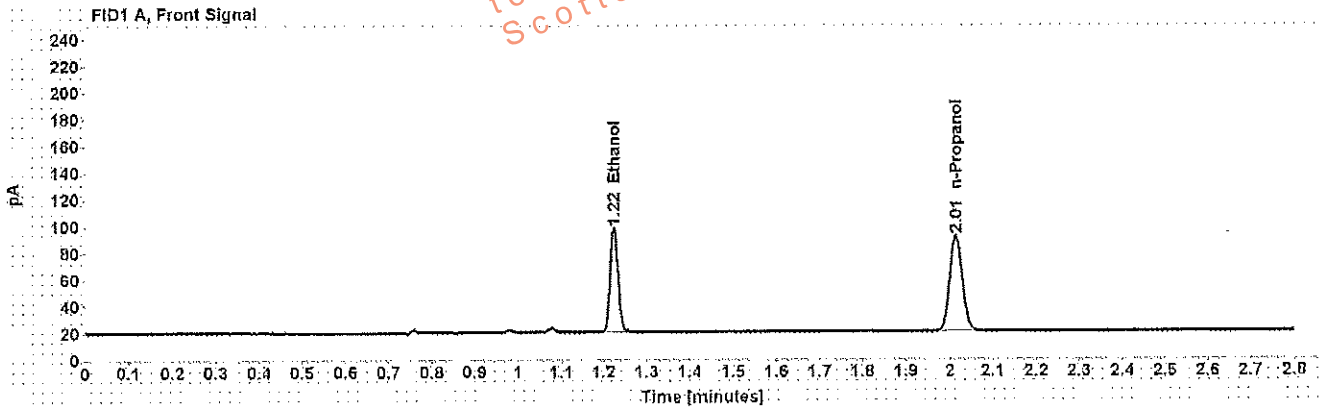


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1848	1.224	100.492
n-Propanol	-----	2.015	146.902

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

Compound	Time (min)	Peak Area
Ethanol	1.327	103.696
n-Propanol	2.345	151.595

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1129526
Injection date: 2/10/2017 2:19:23 PM	Vial: 12
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\10Feb17\12.D	

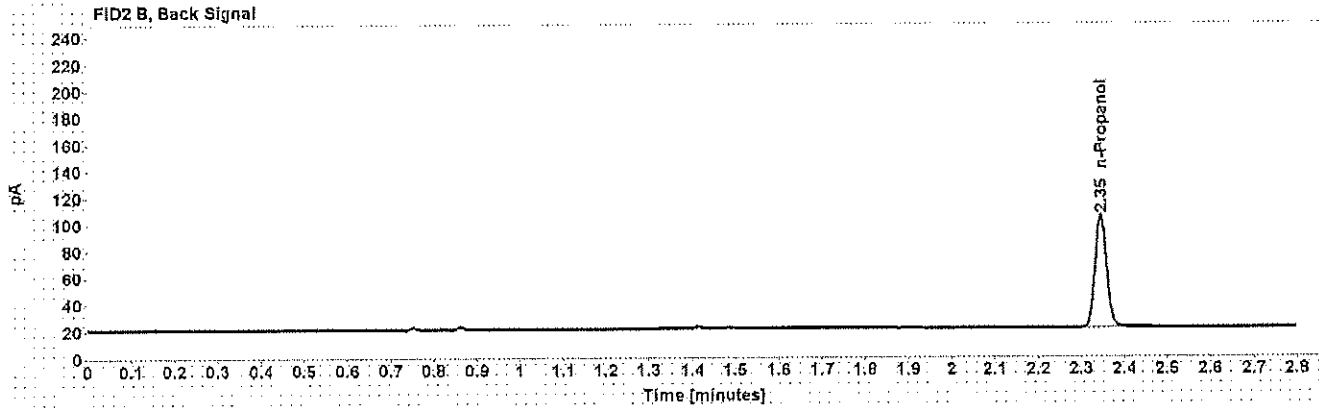
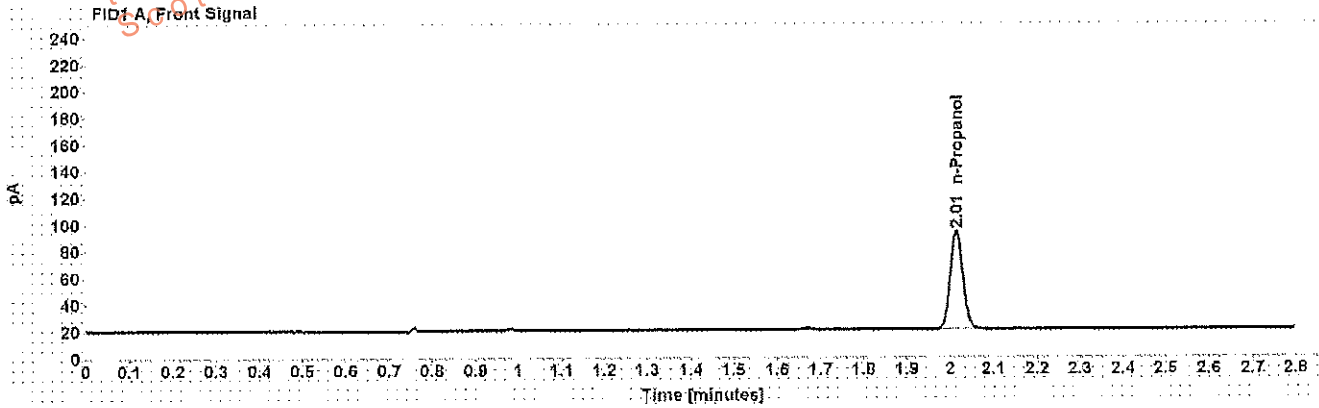


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	150.304

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

Compound	Time (min)	Peak Area
n-Propanol	2.345	155.176

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1129526
Injection date: 2/10/2017 2:23:38 PM	Vial: 13
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023-CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\10Feb17\13.D	

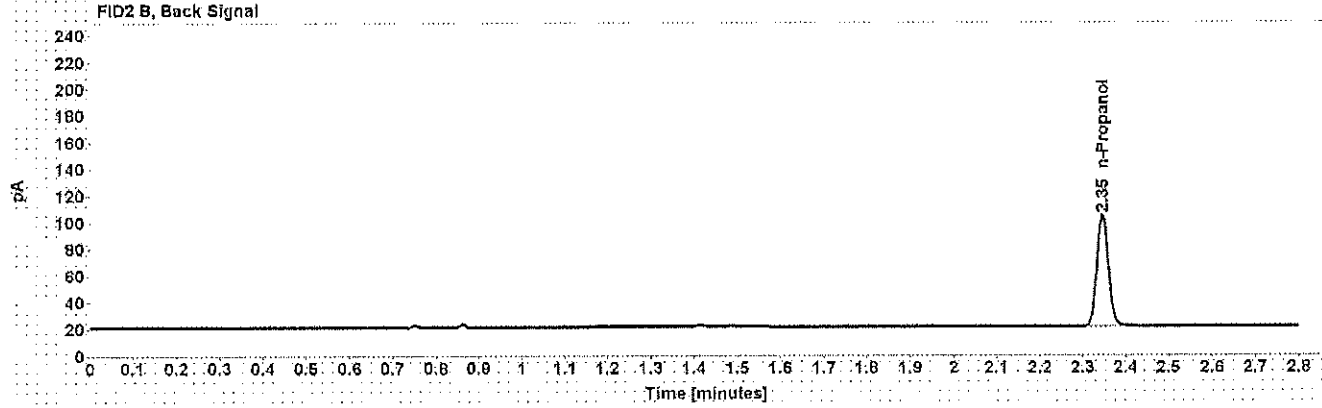
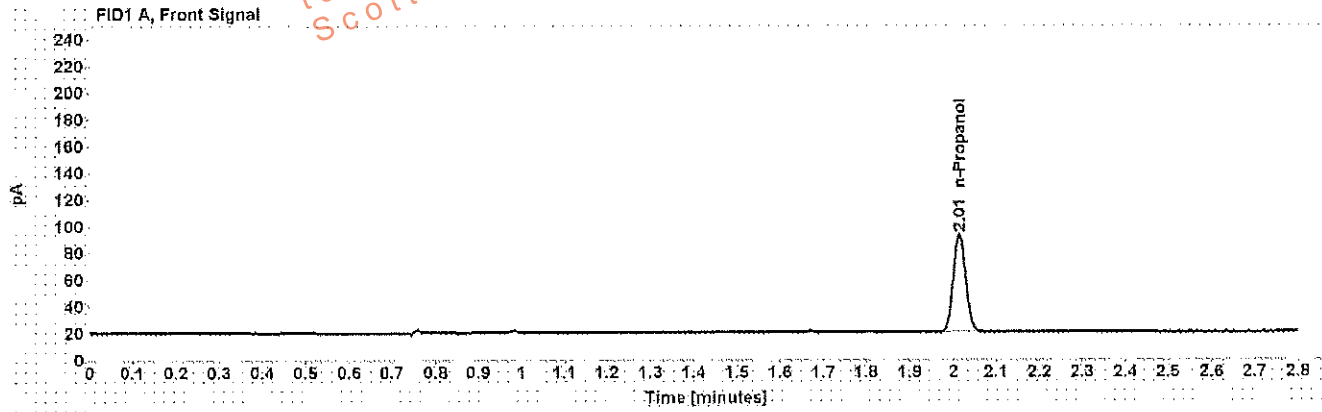


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	149.580

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

Compound	Time (min)	Peak Area
n-Propanol	2.346	154.503

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1131437
Injection date: 2/10/2017 2:27:39 PM	Vial: 14
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\14.D	

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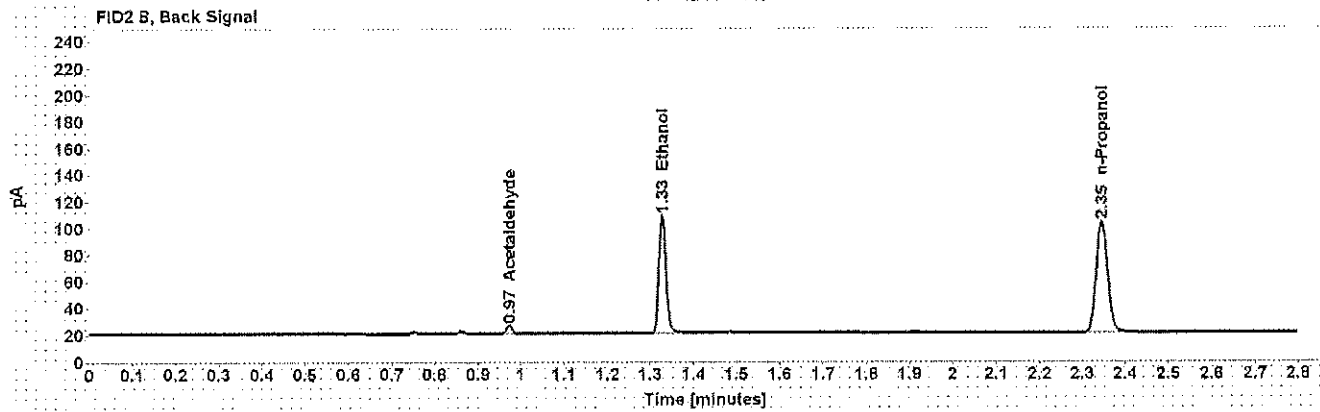
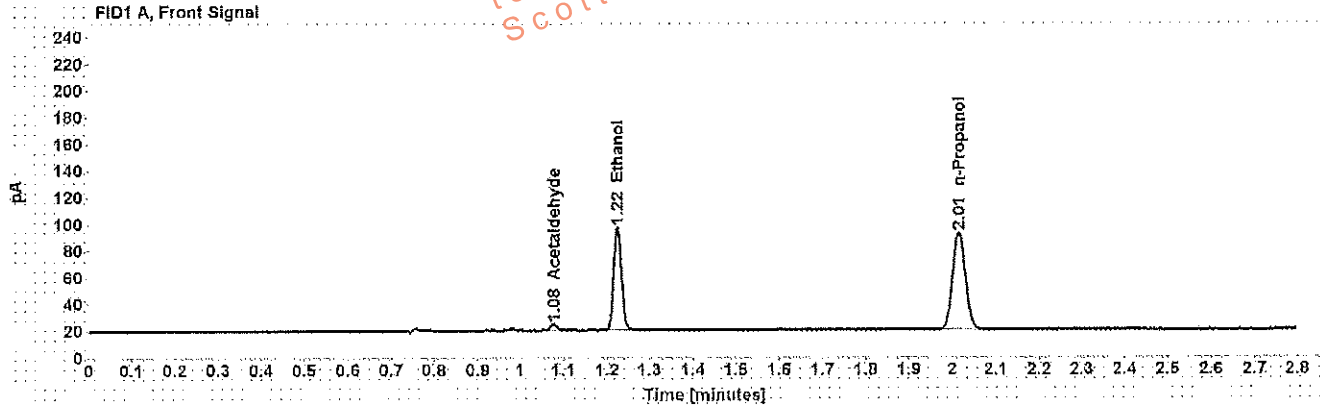


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.082
>Ethanol	0.1800	1.225	99.084
n-Propanol	-----	2.015	148.764

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.410
Ethanol	1.328	102.280
n-Propanol	2.346	153.527

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1131437
Injection date: 2/10/2017 2:31:38 PM	Vial: 15
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\10Feb17\15.D	

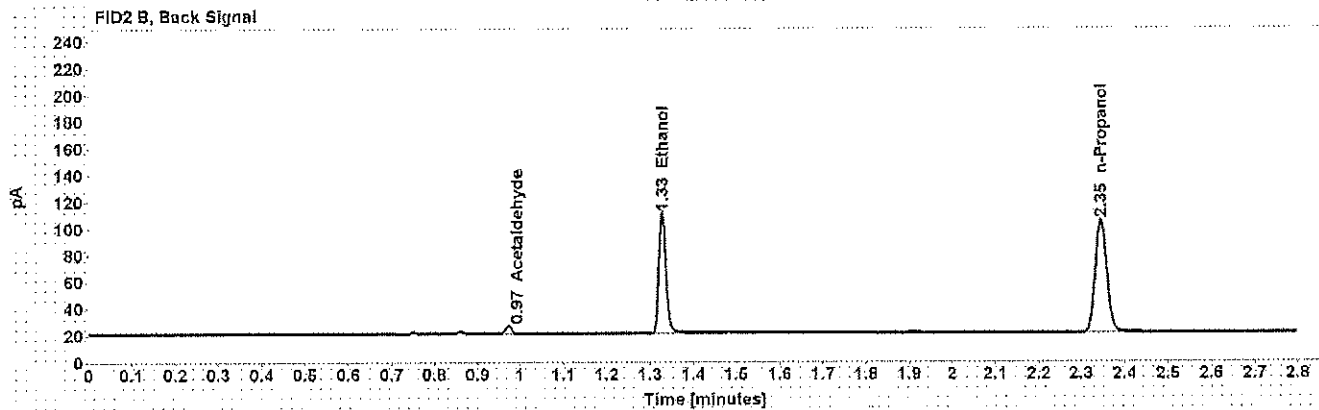
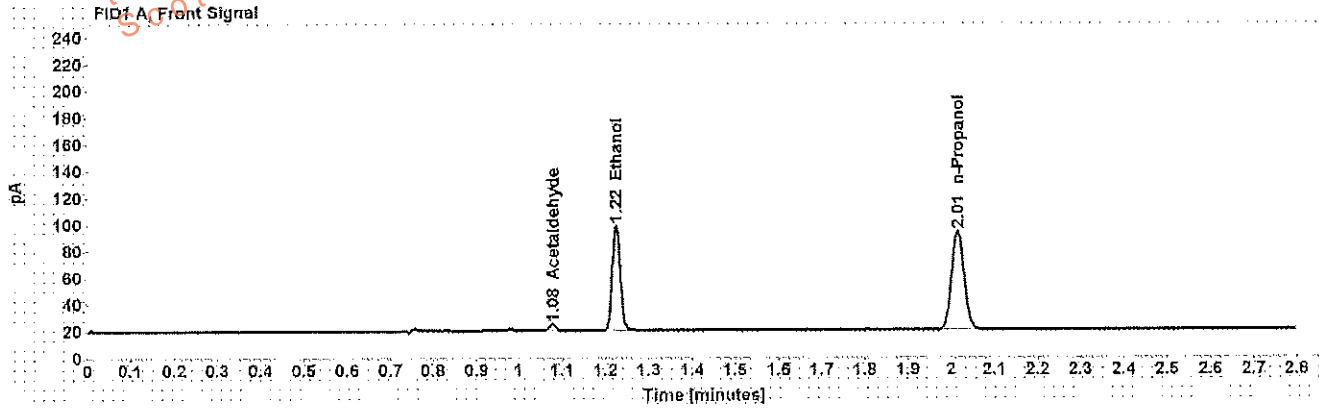


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.175
>Ethanol	0.1809	1.225	101.244
n-Propanol	-----	2.015	151.263

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.517
Ethanol	1.328	104.574
n-Propanol	2.346	156.231

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1129997
Injection date: 2/10/2017 2:35:37 PM	Vial: 16
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\16.D	

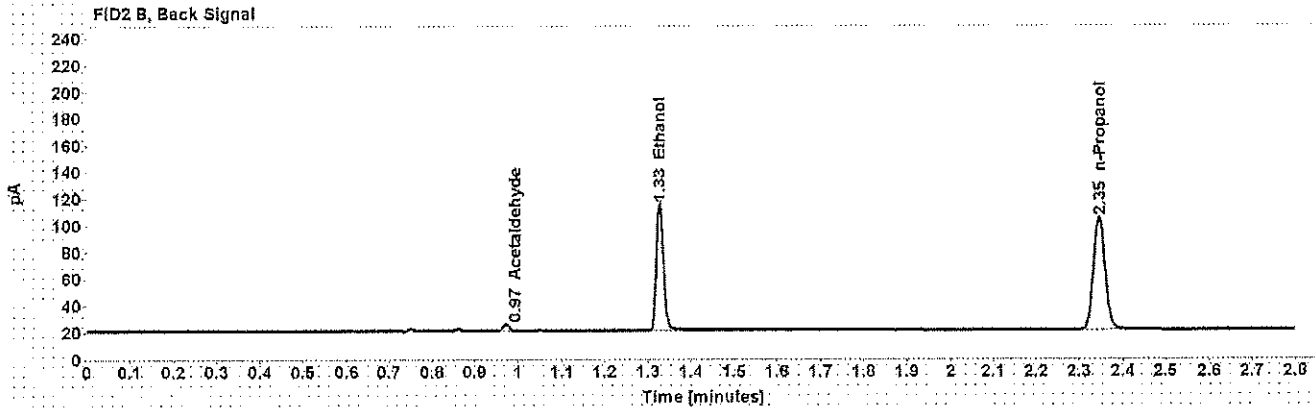
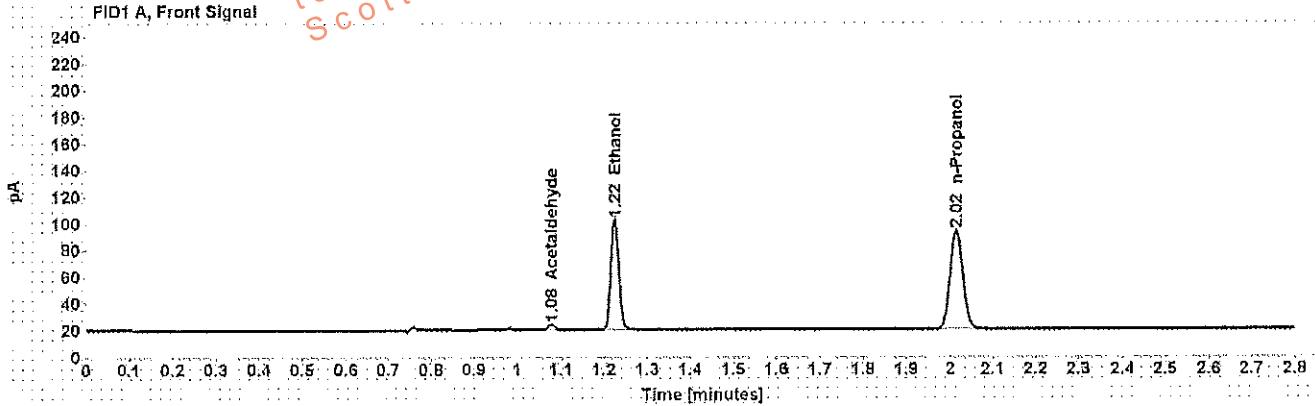


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.256
>Ethanol	0.1899	1.225	106.071
n-Propanol	-----	2.015	150.900

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.538
Ethanol	1.328	109.633
n-Propanol	2.346	155.777

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1129997
Injection date: 2/10/2017 2:39:38 PM	Vial: 17
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\17.D	

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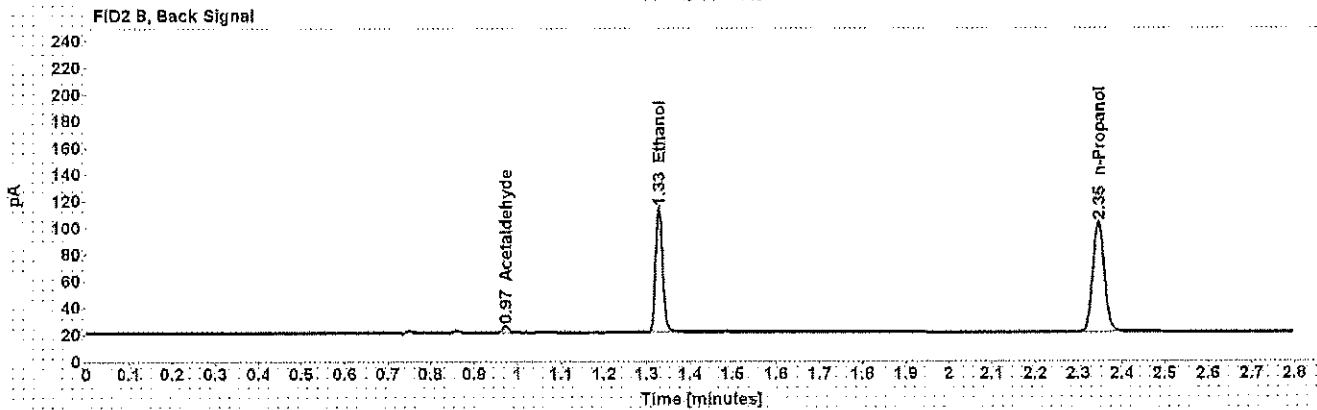
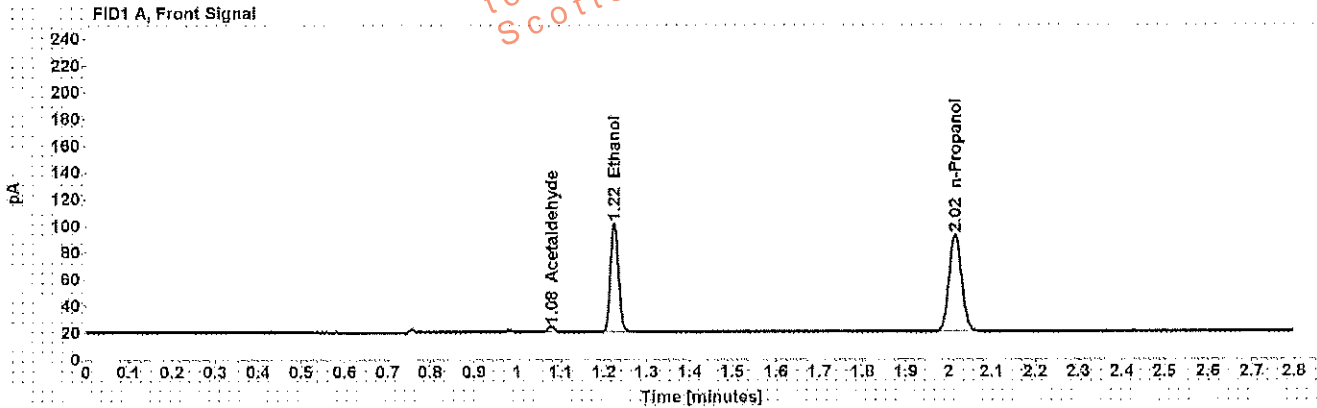


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.392
>Ethanol	0.1910	1.225	104.657
n-Propanol	-----	2.015	148.038

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.706
Ethanol	1.328	108.060
n-Propanol	2.346	152.771

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1133456
Injection date: 2/10/2017 2:43:38 PM	Vial: 18
Method: ethanol.quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\10Feb17\18.D	

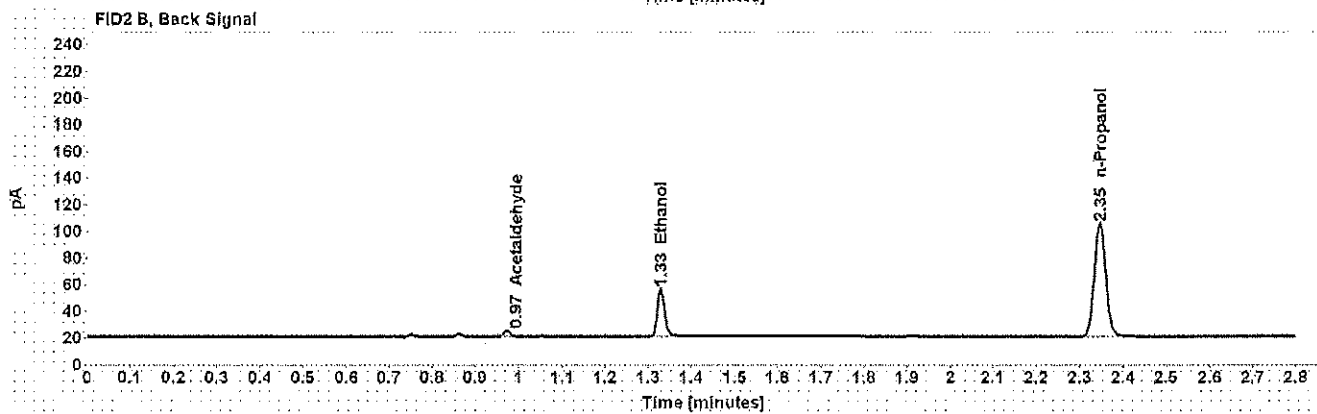
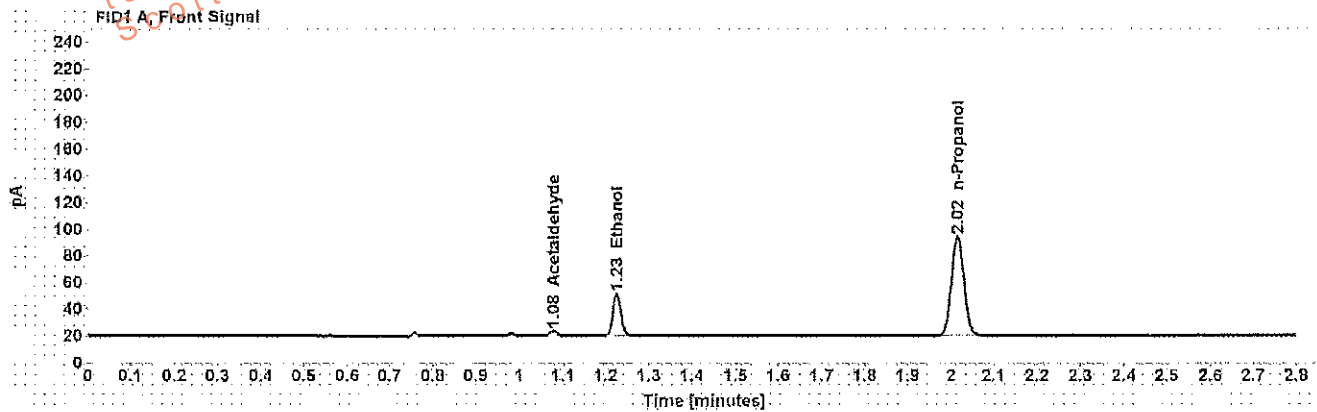


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.771
>Ethanol	0.0729	1.225	40.523
n-Propanol	-----	2.015	152.148

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.059
Ethanol	1.329	41.665
n-Propanol	2.346	157.171

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1133456
Injection date: 2/10/2017 2:47:53 PM	Vial: 19
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\19.D	

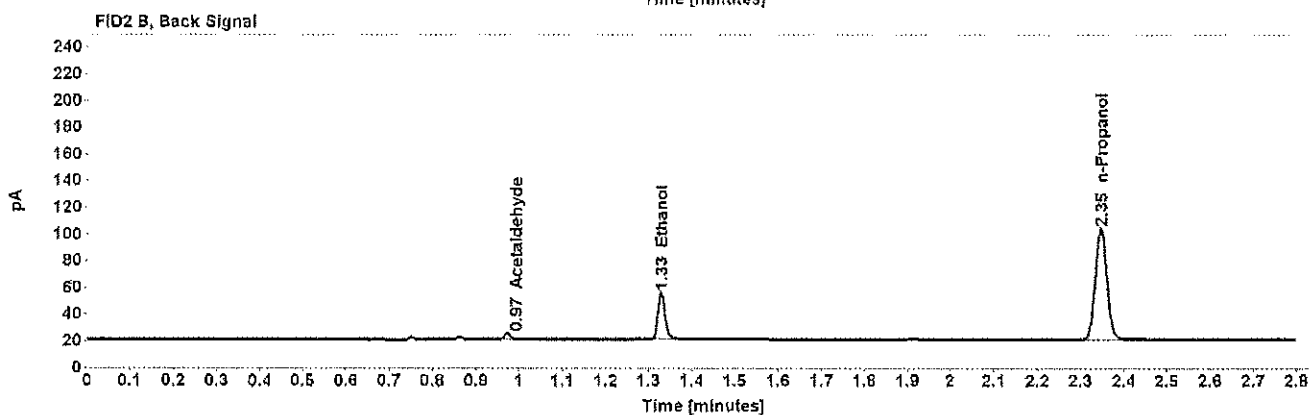
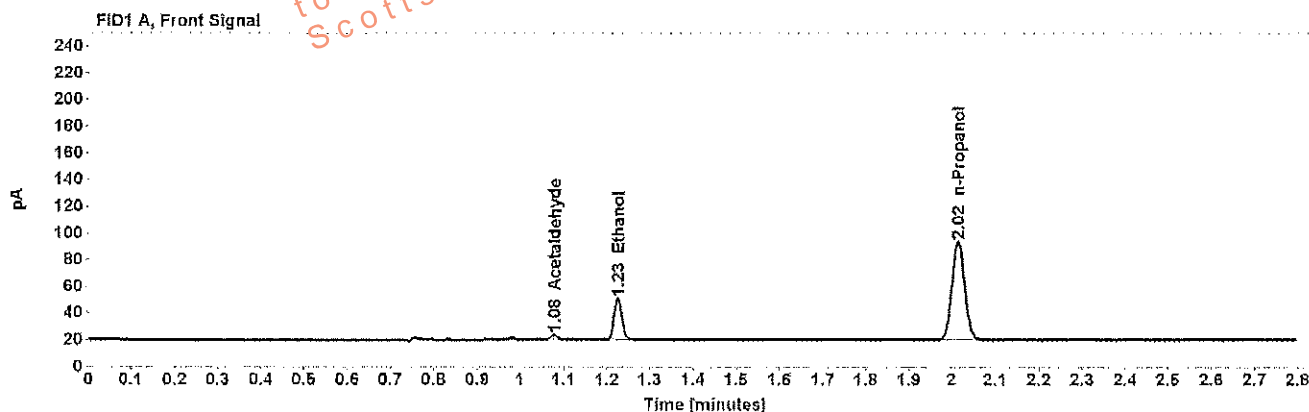


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.920
>Ethanol	0.0724	1.225	39.739
n-Propanol	-----	2.015	150.227

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.208
Ethanol	1.329	40.808
n-Propanol	2.346	155.259

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1113536
Injection date: 2/10/2017 2:55:53 PM	Vial: 21
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\21.D	

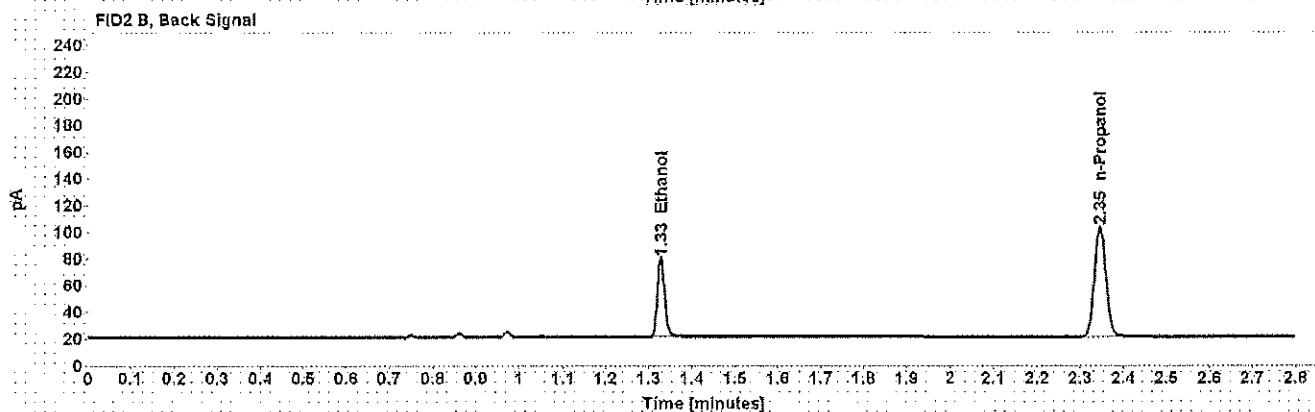
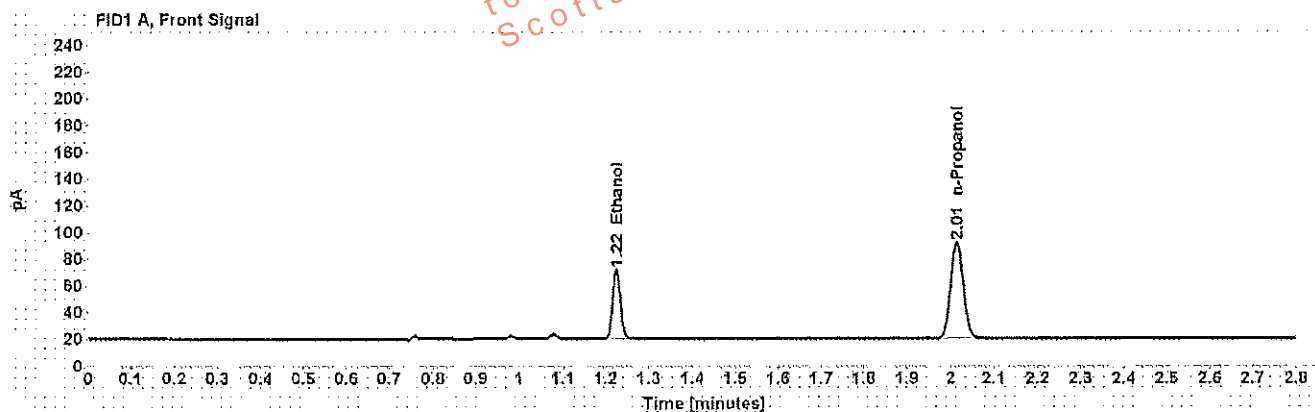


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1224	1.225	66.559
n-Propanol	-----	2.015	147.598

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

Compound	Time (min)	Peak Area
Ethanol	1.328	68.680
n-Propanol	2.348	152.725

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1113536
Injection date: 2/10/2017 2:59:52 PM	Vial: 22
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\10Feb17\22.D	

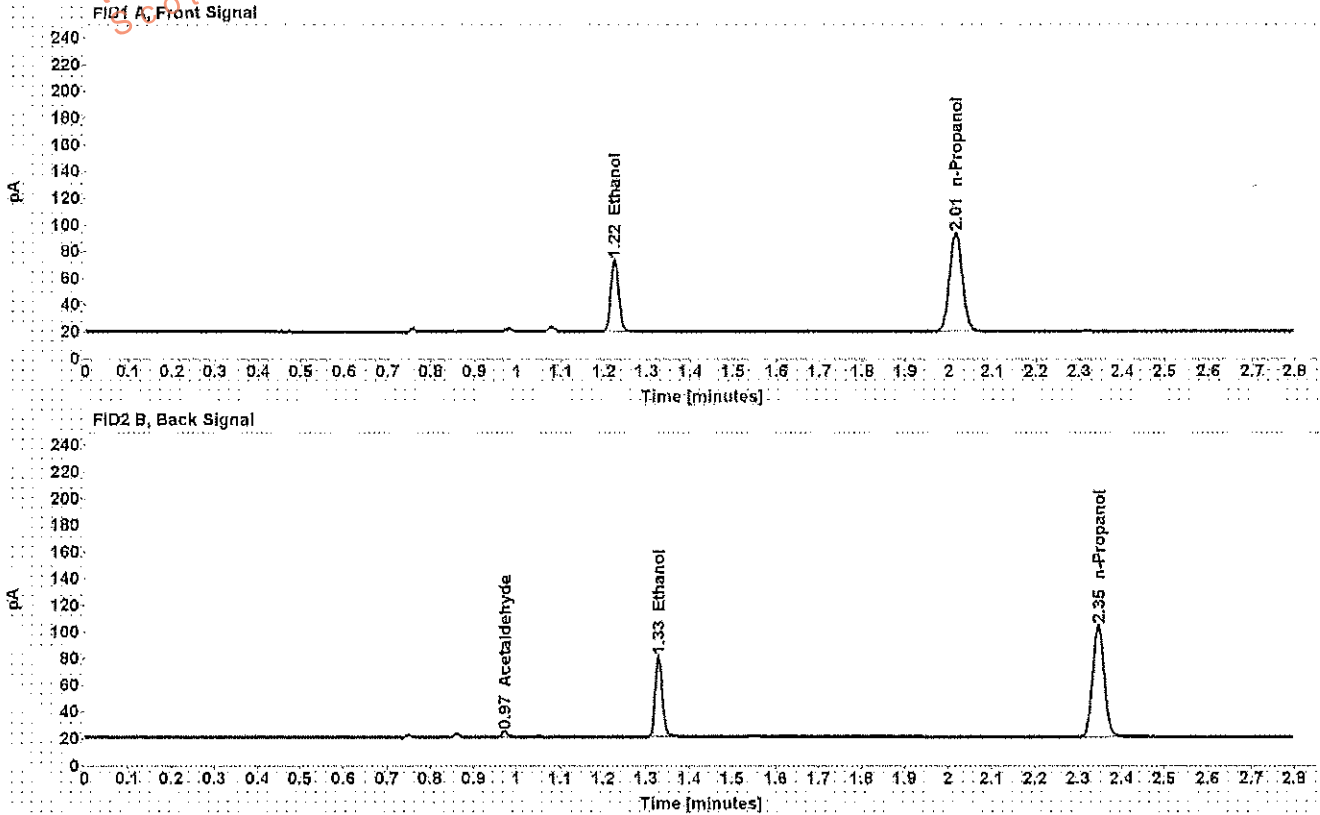


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1228	1.225	68.017
n-Propanol	-----	2.015	150.309

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.808
Ethanol	1.328	70.282
n-Propanol	2.346	155.569

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1134865
Injection date:	2/10/2017 3:03:53 PM	Vial:	23
Method:	ethanol quant.M	Sequence:	10Feb17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\10Feb17\23.D		

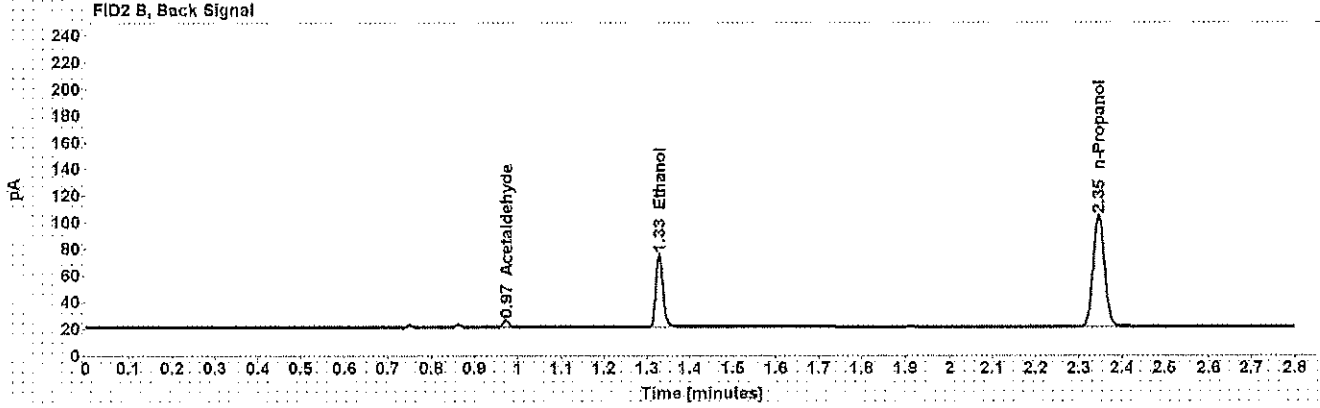
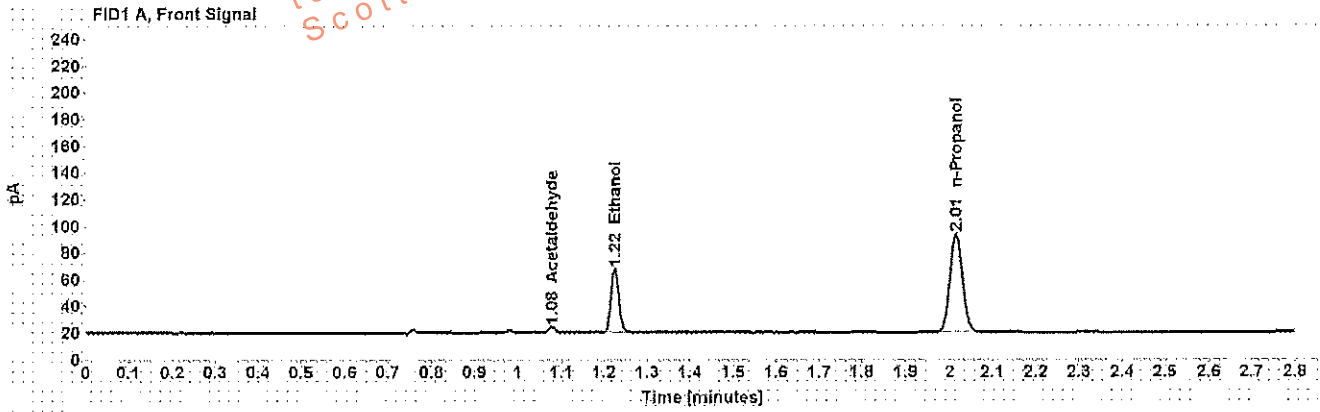


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.457
>Ethanol	0.1109	1.225	61.414
n-Propanol	-----	2.015	150.381

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.754
Ethanol	1.328	63.187
n-Propanol	2.346	155.363

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1134865
Injection date: 2/10/2017 3:07:54 PM	Vial: 24
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\24.D	

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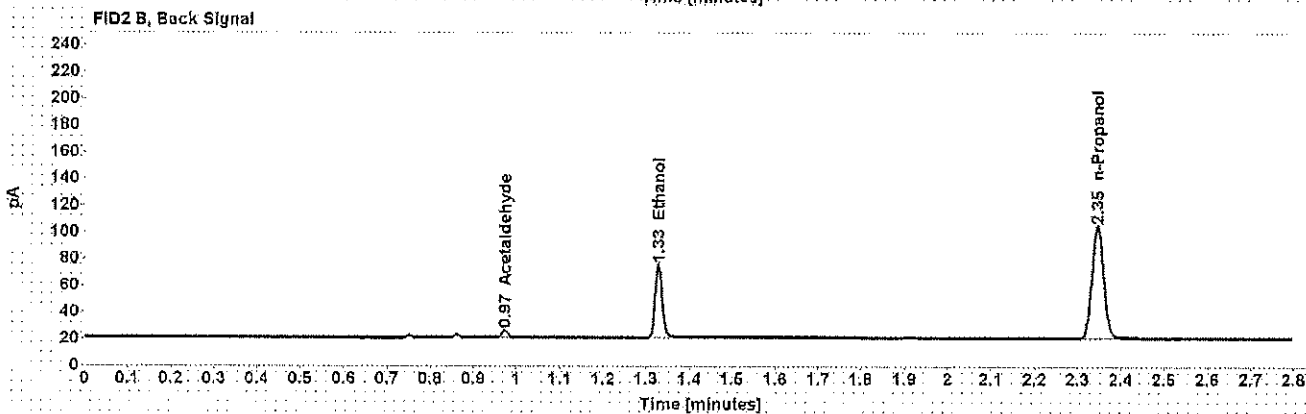
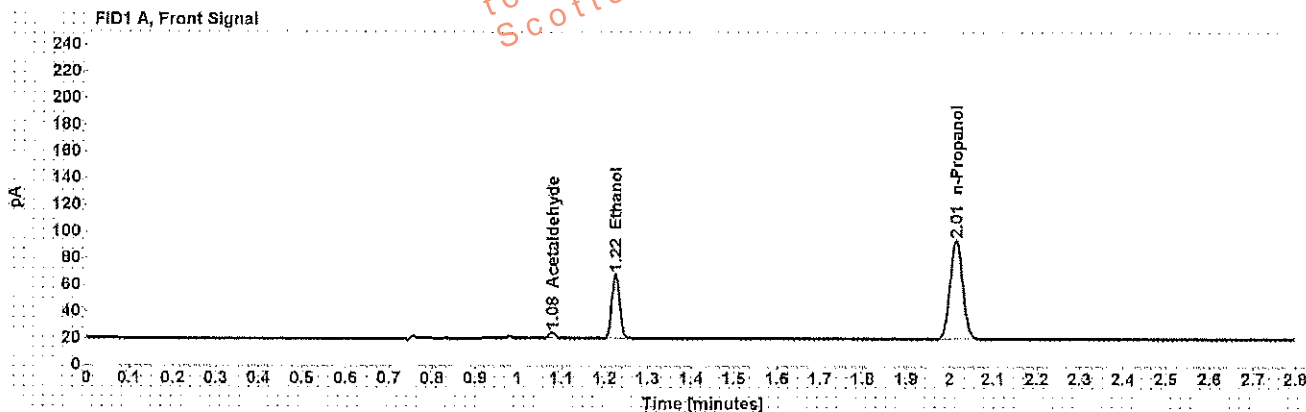


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.614
>Ethanol	0.1106	1.225	61.715
n-Propanol	-----	2.015	151.535

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.921
Ethanol	1.328	63.645
n-Propanol	2.345	156.572

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1131623
Injection date: 2/10/2017 3:12:07 PM	Vial: 25
Method: ethanol.quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\10Feb17\25.D	

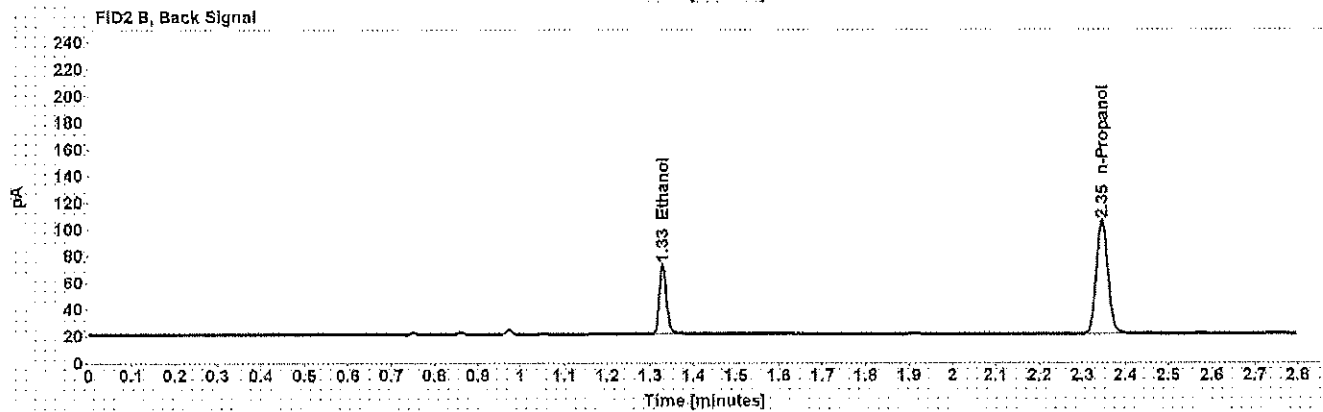
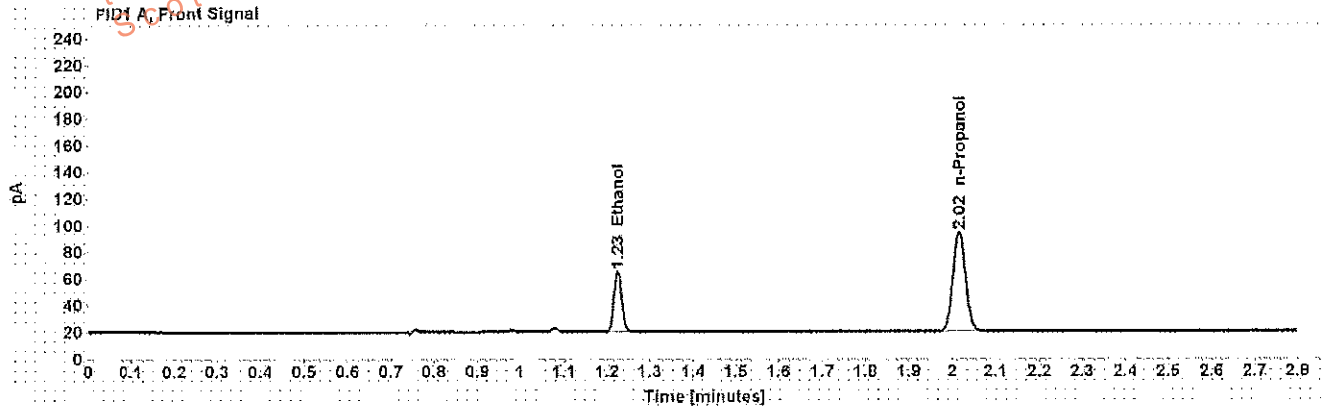


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1041	1.225	58.354
n-Propanol	-----	2.015	152.487

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

Compound	Time (min)	Peak Area
Ethanol	1.328	60.171
n-Propanol	2.346	157.623

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1131623
Injection date:	2/10/2017 3:16:08 PM	Vial:	26
Method:	ethanol quant.M	Sequence:	10Feb17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\10Feb17\26.D		

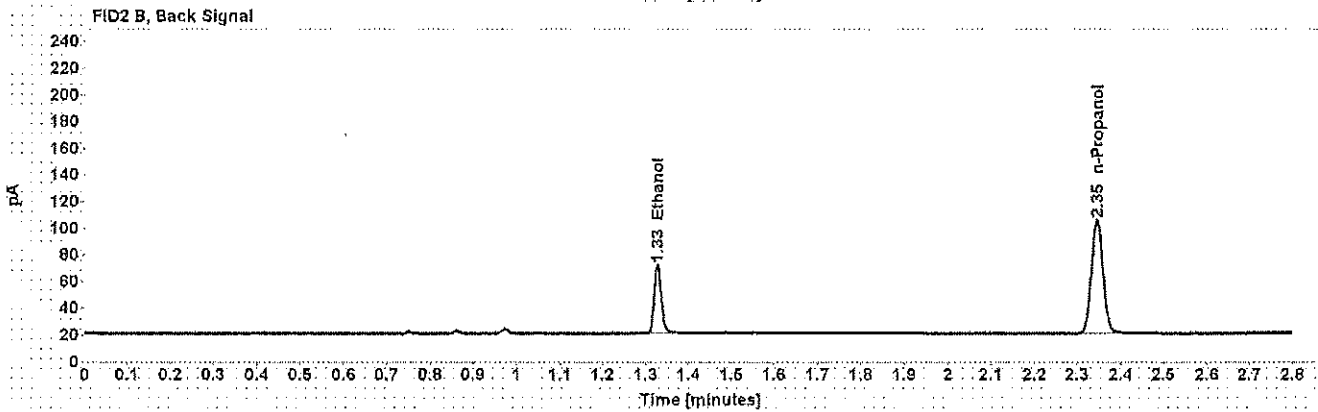
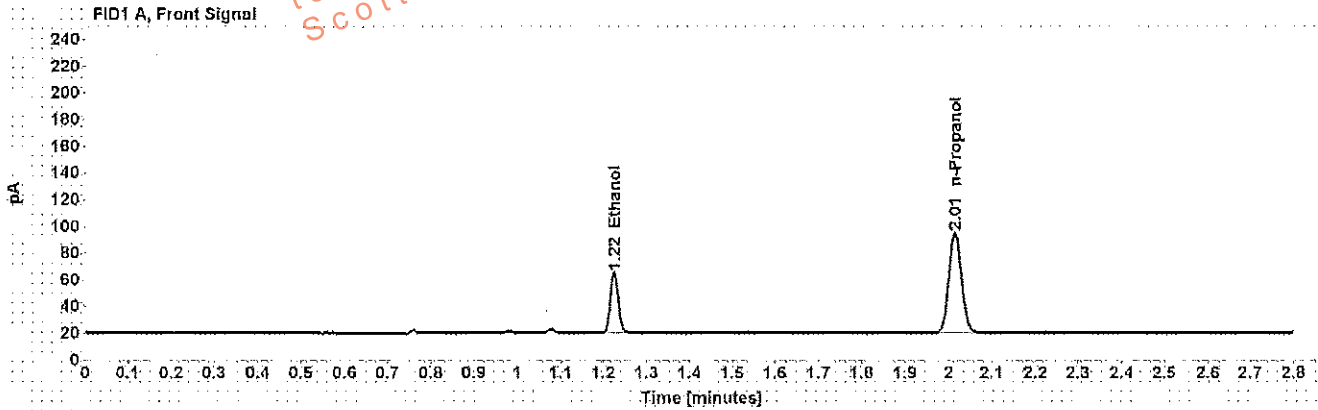


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1030	1.225	57.937
n-Propanol	-----	2.015	152.891

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

Compound	Time (min)	Peak Area
Ethanol	1.328	59.812
n-Propanol	2.345	158.059

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1132268
Injection date: 2/10/2017 3:20:09 PM	Vial: 27
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\27.D	

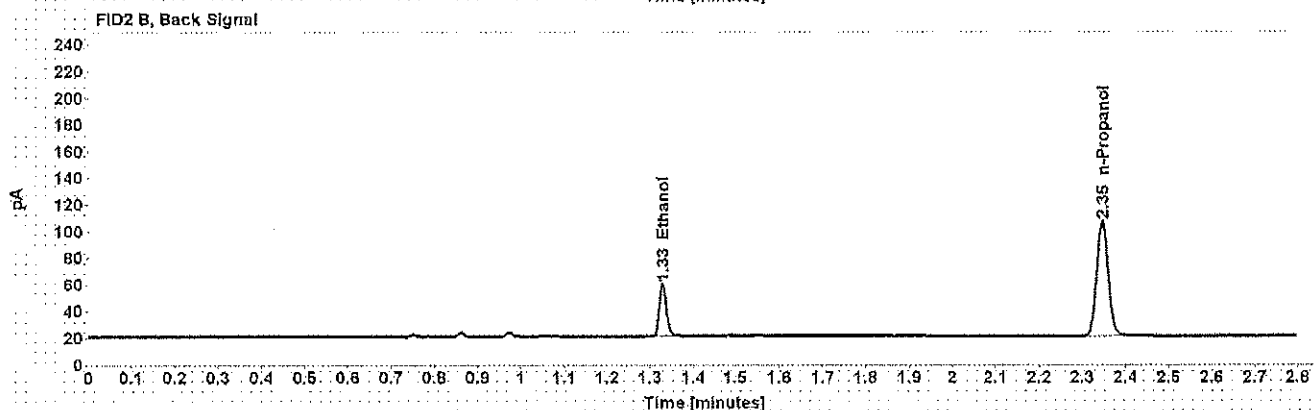
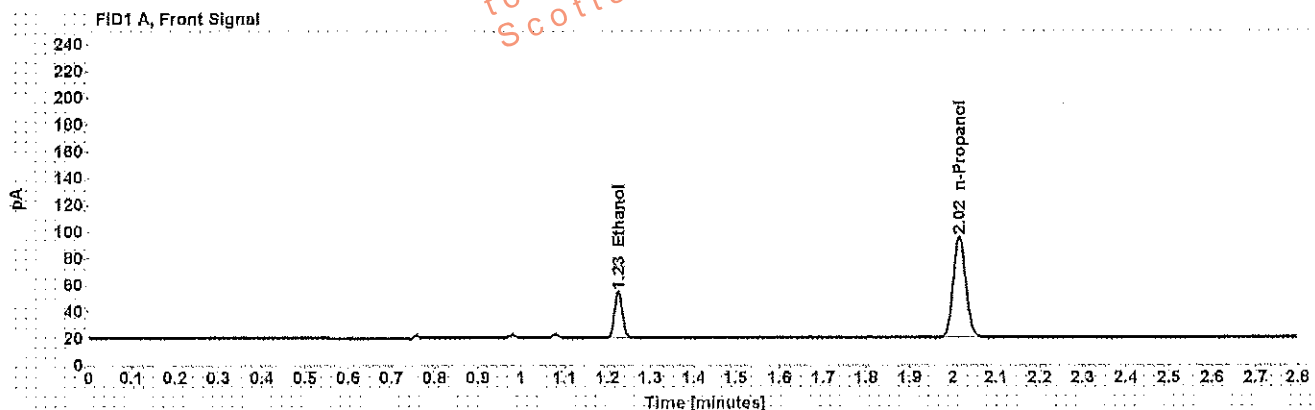


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0784	1.225	44.304
n-Propanol	-----	2.015	154.438

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

Compound	Time (min)	Peak Area
Ethanol	1.329	45.573
n-Propanol	2.346	159.864

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1132268
Injection date: 2/10/2017 3:24:09 PM	Vial: 28
Method: ethanol.quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\10Feb17\28.D	

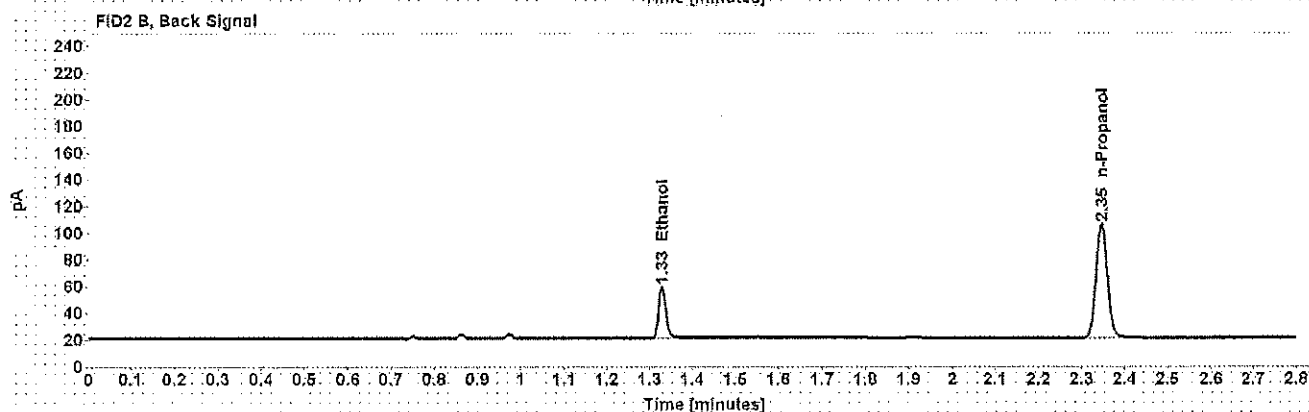
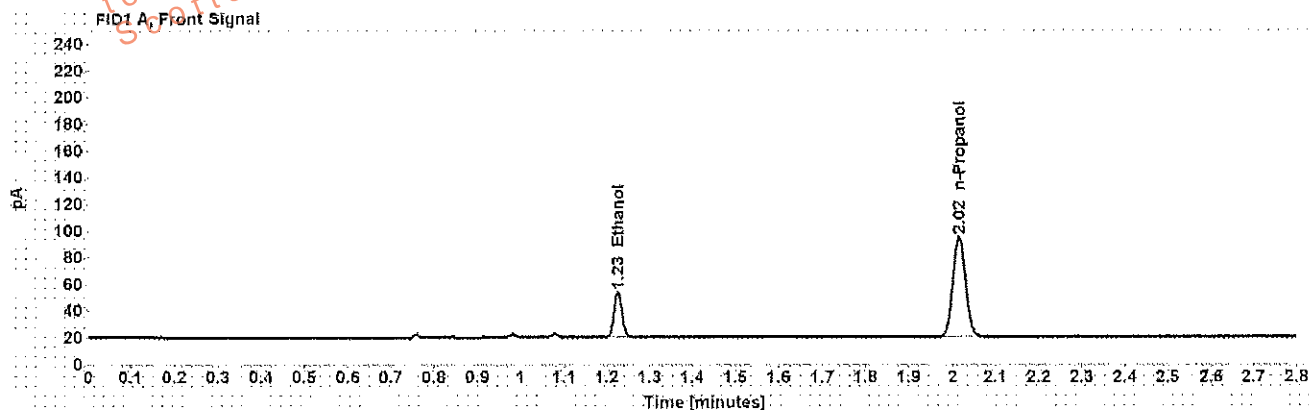


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0778	1.225	43.489
n-Propanol	-----	2.015	152.792

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

Compound	Time (min)	Peak Area
Ethanol	1.329	44.839
n-Propanol	2.346	158.048

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1132278
Injection date: 2/10/2017 3:28:08 PM	Vial: 29
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\29.D	

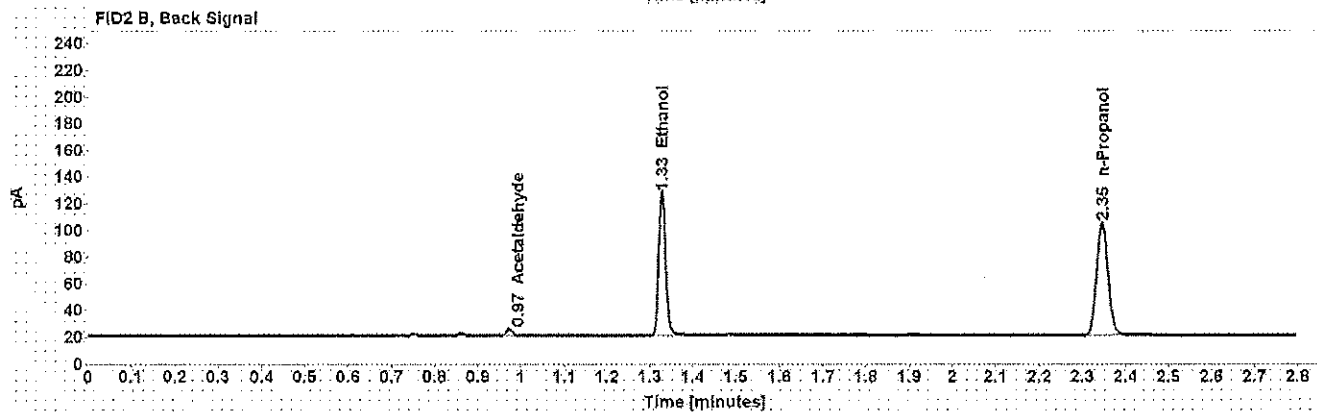
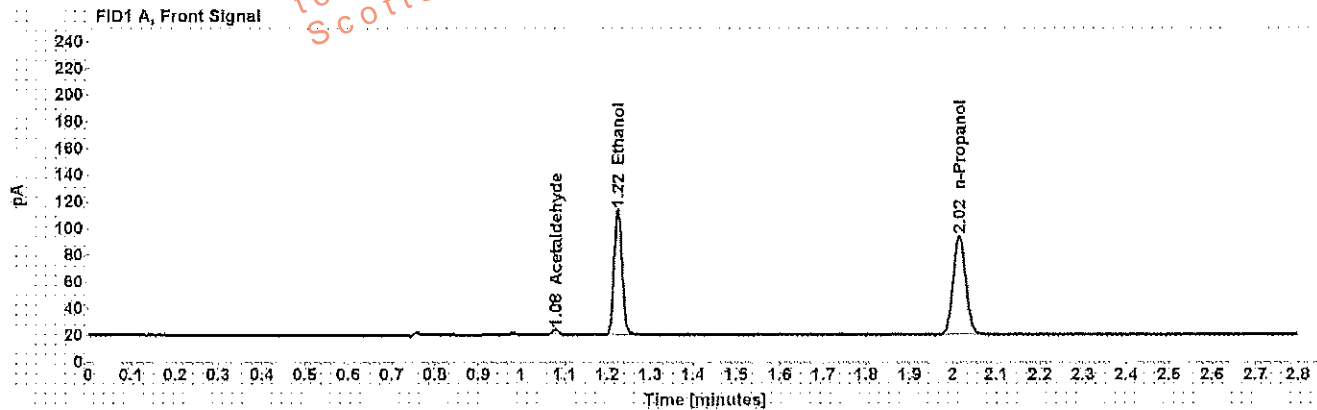


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.261
>Ethanol	0.2144	1.225	120.115
n-Propanol	-----	2.015	151.213

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.557
Ethanol	1.328	124.224
n-Propanol	2.346	156.085

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1132278
Injection date: 2/10/2017 3:32:08 PM	Vial: 30
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\10Feb17\30.D	

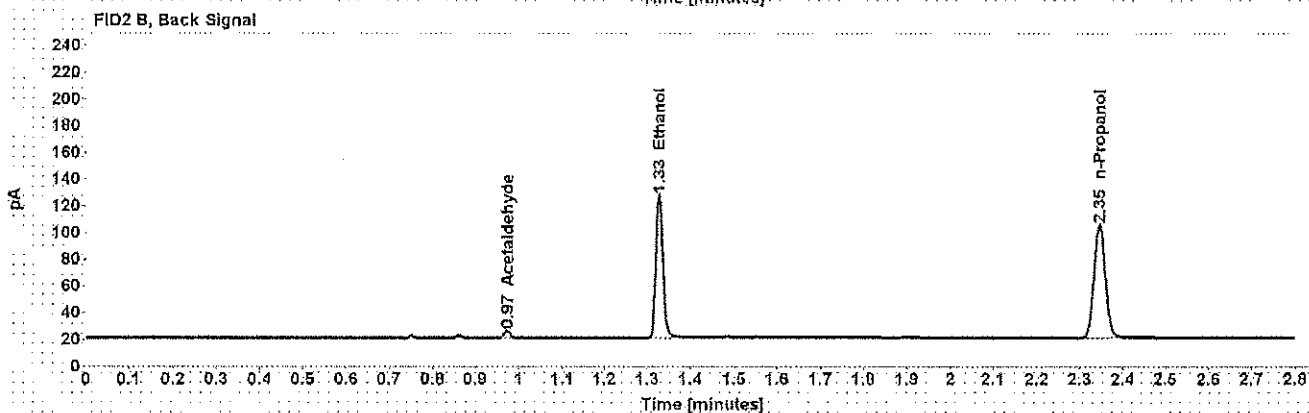
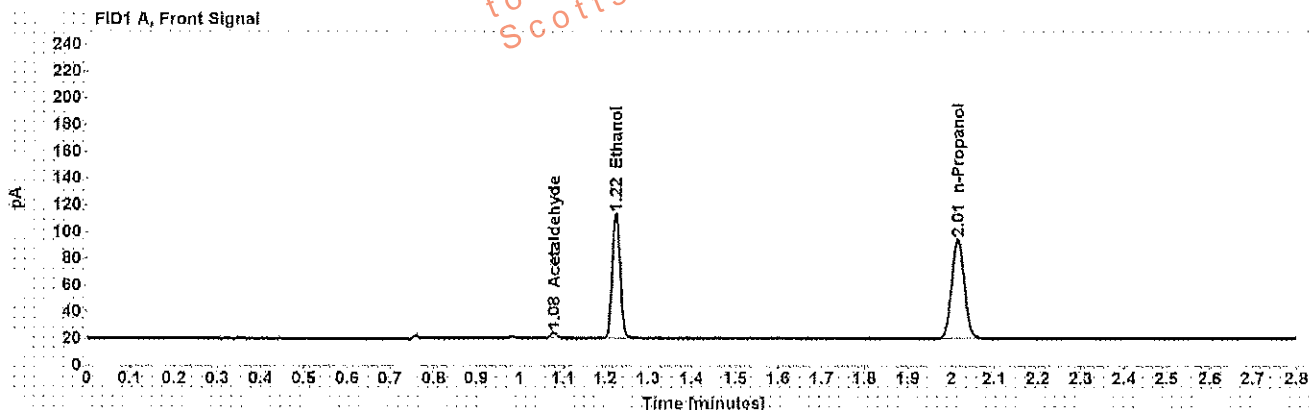


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.438
>Ethanol	0.2136	1.224	120.174
n-Propanol	-----	2.015	151.895

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.735
Ethanol	1.328	124.174
n-Propanol	2.346	156.963

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1132284
Injection date: 2/10/2017 3:40:23 PM	Vial: 32
Method: ethanol.quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\10Feb17\32.D	

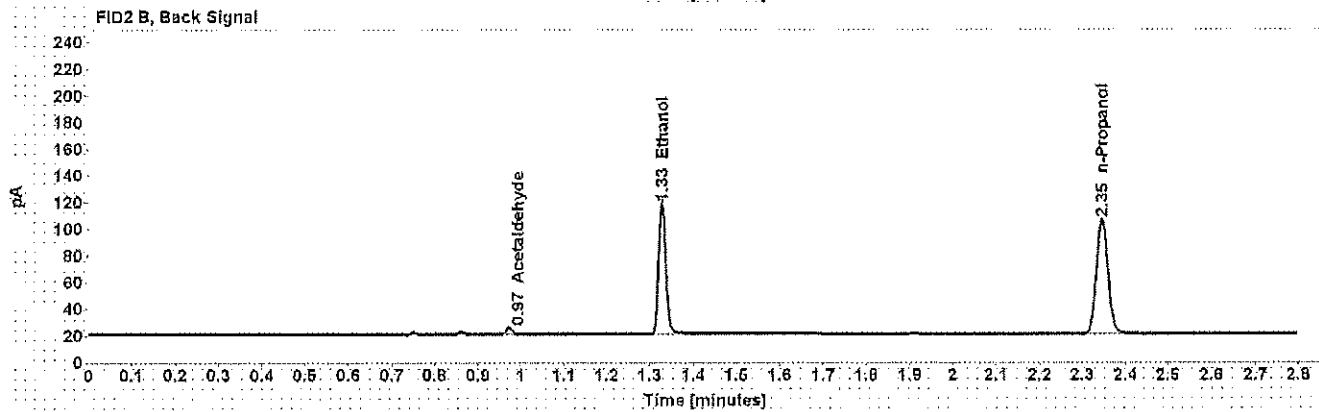
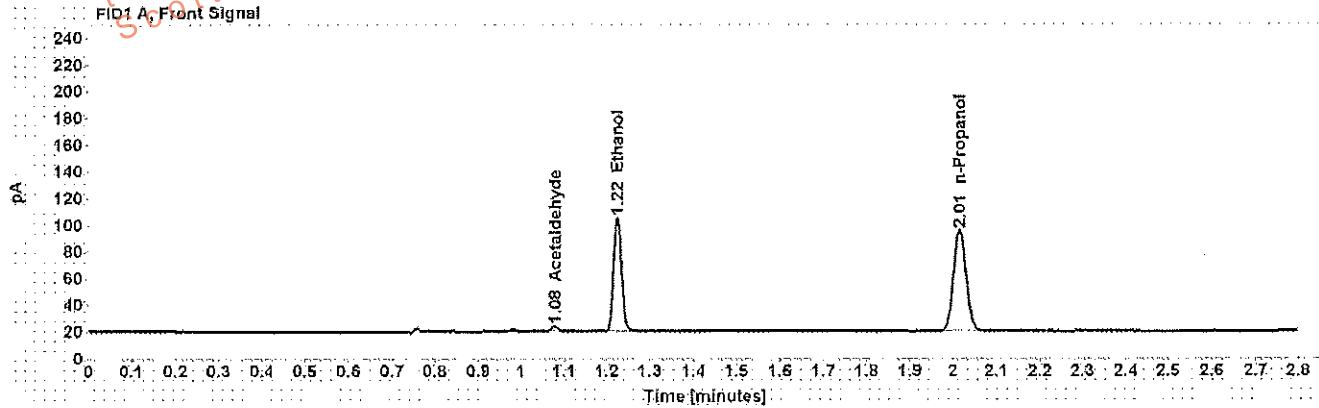


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.309
>Ethanol	0.1919	1.225	109.680
n-Propanol	-----	2.015	154.388

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.584
Ethanol	1.328	113.361
n-Propanol	2.346	159.580

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1132284
Injection date: 2/10/2017 3:44:22 PM	Vial: 33
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\33.D	

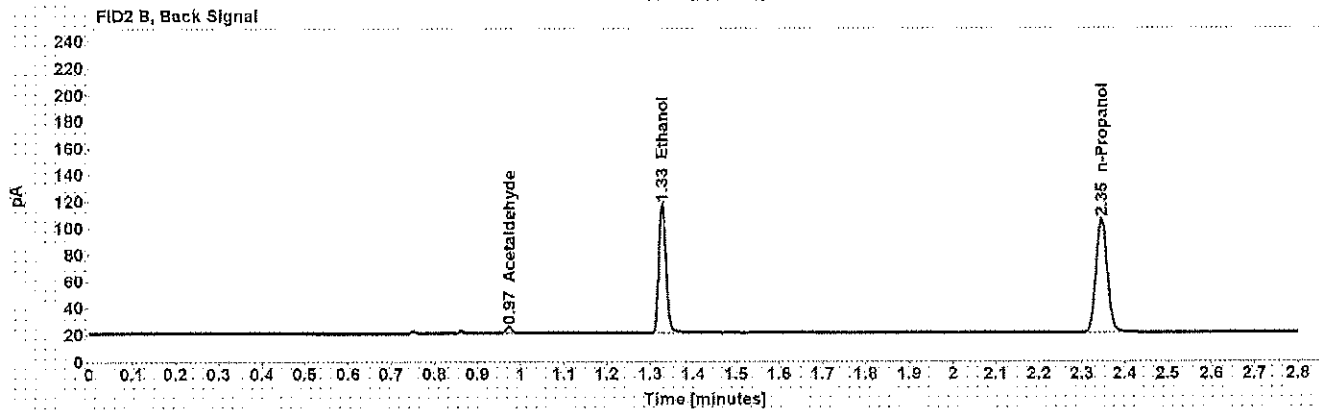
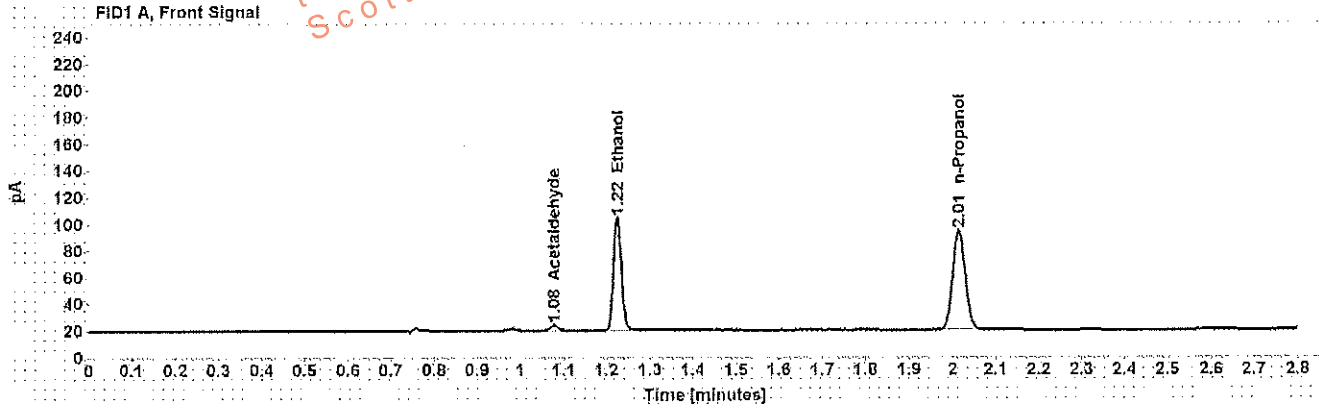


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.261
>Ethanol	0.1918	1.225	108.482
n-Propanol	-----	2.015	152.749

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.539
Ethanol	1.328	112.250
n-Propanol	2.346	157.849

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1135575
Injection date: 2/10/2017 3:48:22 PM	Vial: 34
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\34.D	

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Scottsdale City Prosecutor

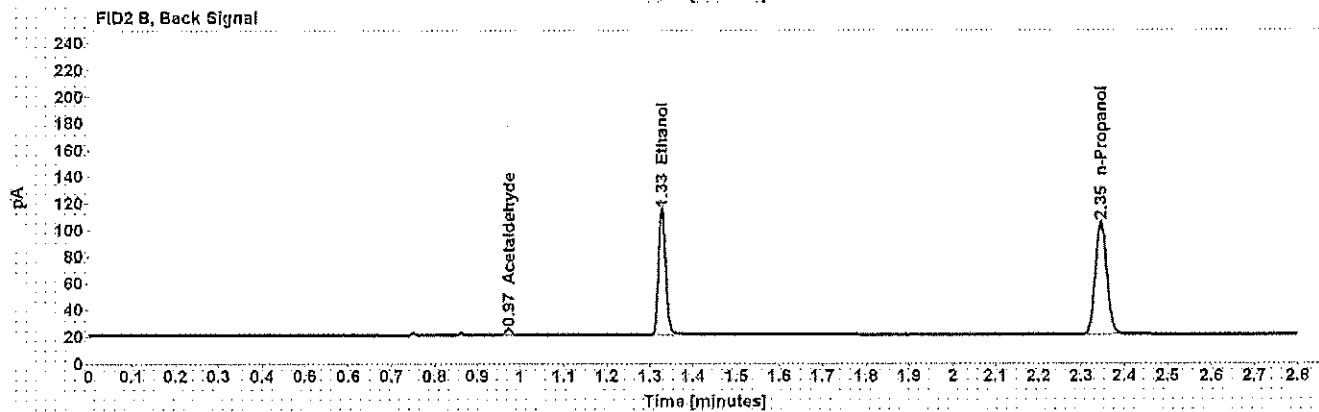
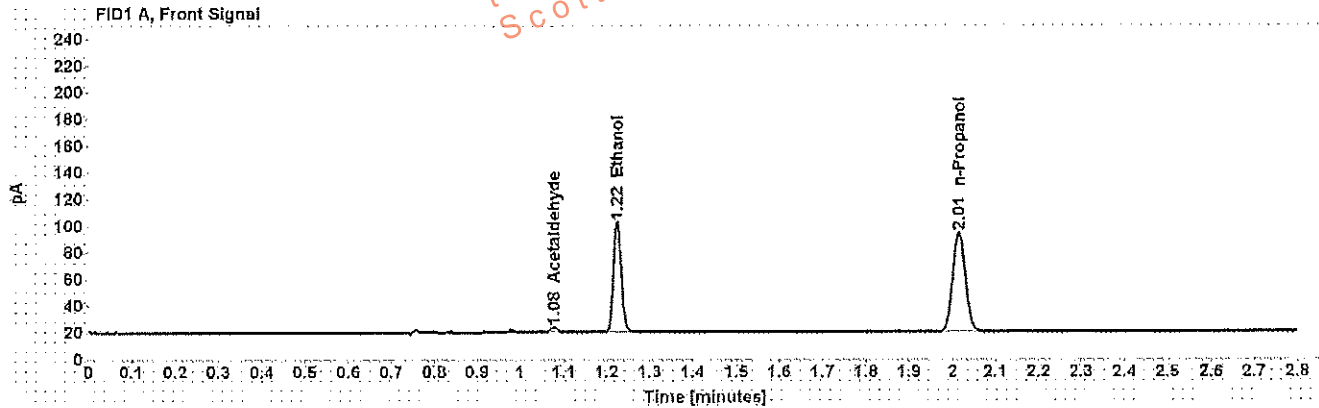


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.058
>Ethanol	0.1888	1.225	105.825
n-Propanol	-----	2.015	151.438

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.336
Ethanol	1.328	109.518
n-Propanol	2.346	156.537

Case: [REDACTED] User: wadrian 2/13/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1135575
Injection date: 2/10/2017 3:52:23 PM Vial: 35
Method: ethanol quant.M Sequence: 10Feb17
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem321\1\Data\10Feb17\35.D

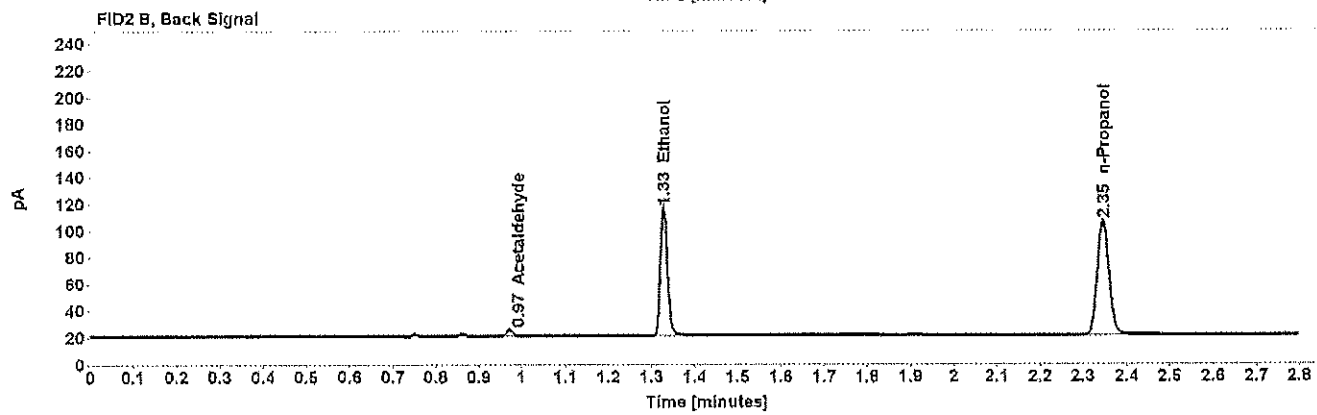
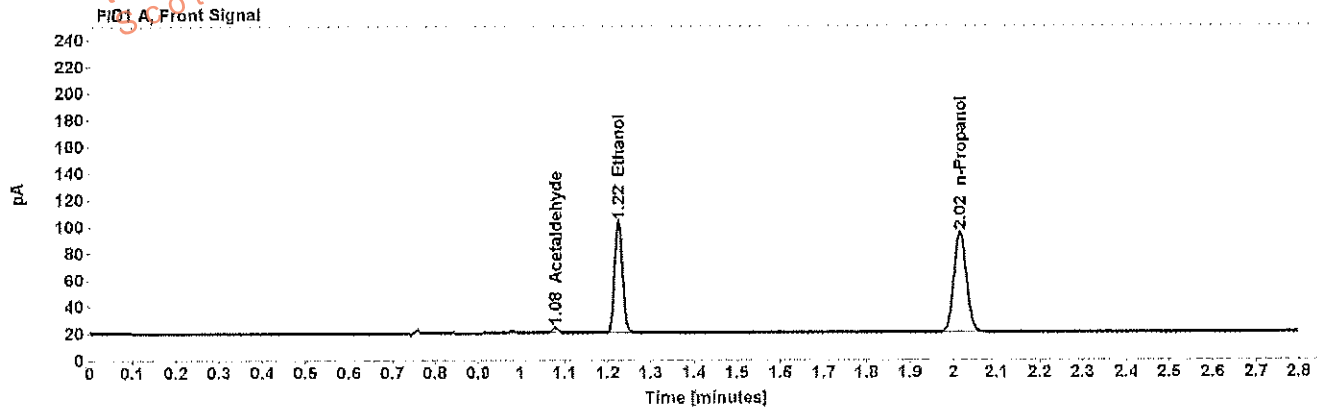


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.279
>Ethanol	0.1895	1.225	107.557
n-Propanol	-----	2.015	153.340

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.602
Ethanol	1.328	111.292
n-Propanol	2.346	158.633

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1136227
Injection date: 2/10/2017 3:56:24 PM	Vial: 36
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\10Feb17\36.D	

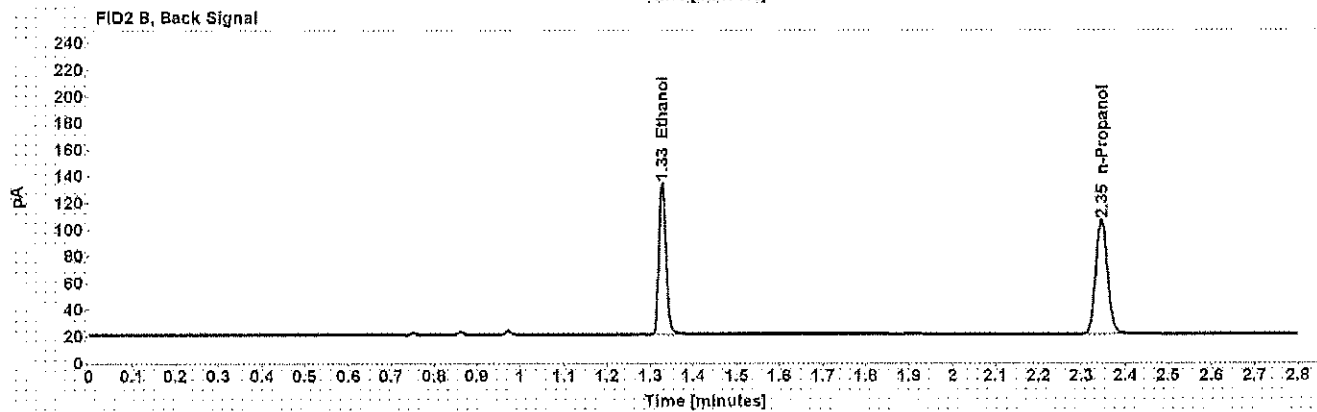
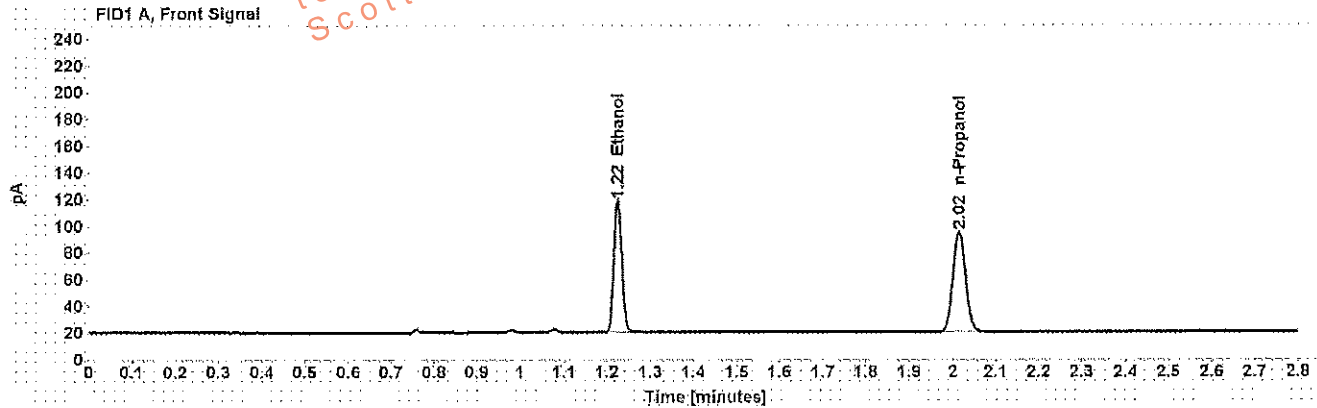


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2233	1.225	126.818
n-Propanol	-----	2.015	153.285

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

Compound	Time (min)	Peak Area
Ethanol	1.328	131.269
n-Propanol	2.346	158.181

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1136227
Injection date: 2/10/2017 4:00:38 PM	Vial: 37
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\37.D	

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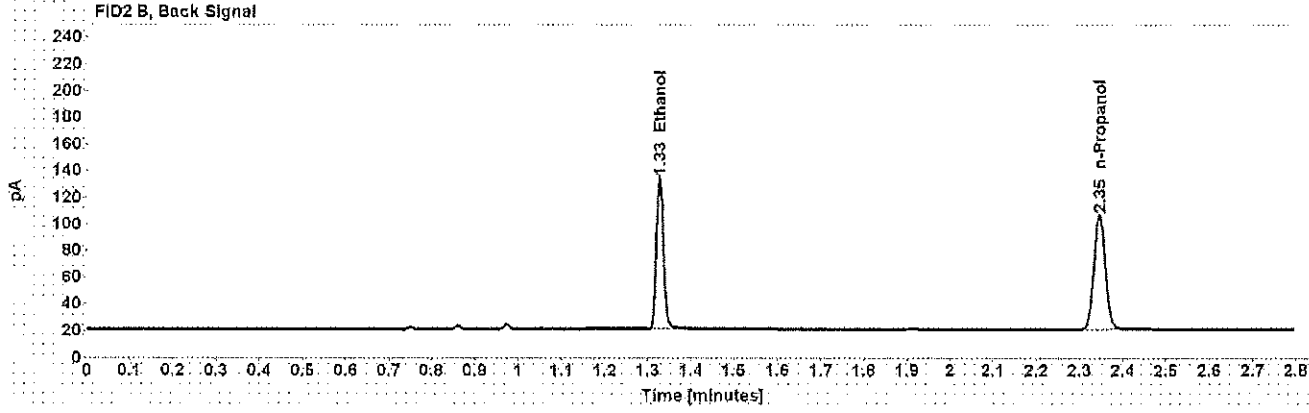
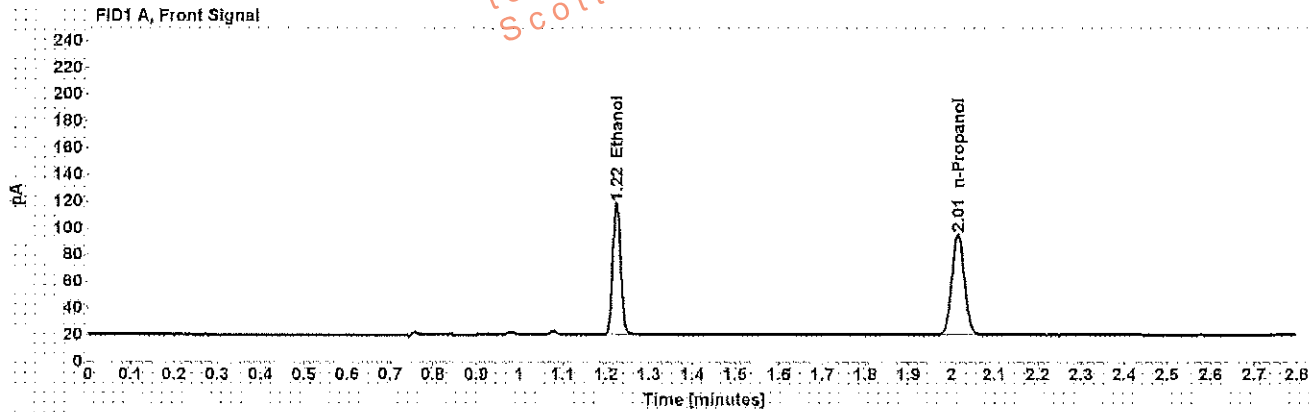


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2222	1.224	126.929
n-Propanol	-----	2.015	154.151

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

Compound	Time (min)	Peak Area
Ethanol	1.327	132.711
n-Propanol	2.345	159.319

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1129243
Injection date: 2/10/2017 4:04:38 PM	Vial: 38
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
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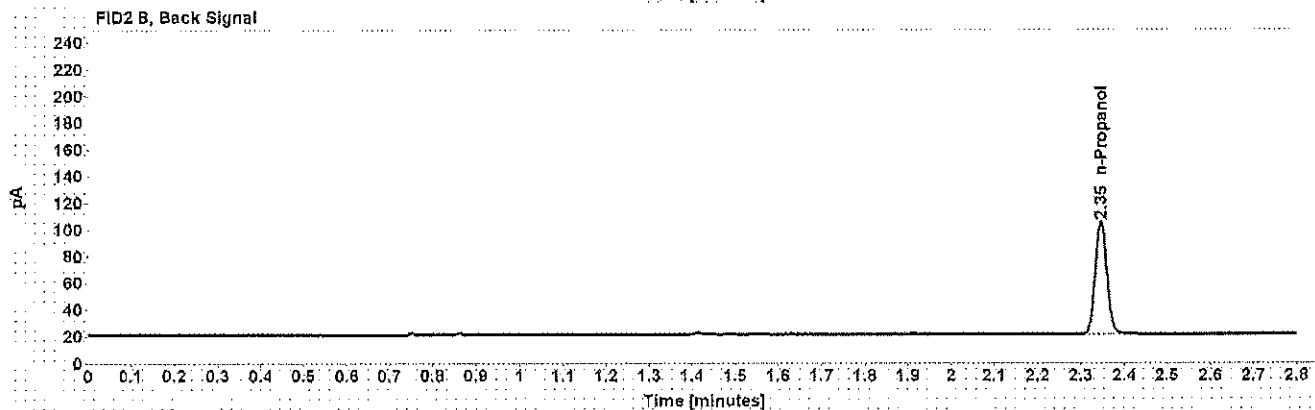
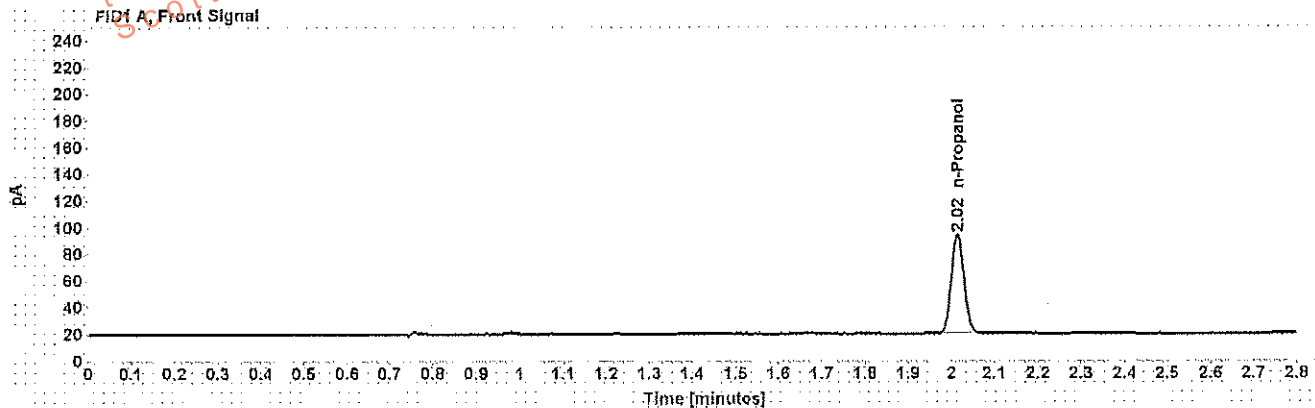


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	151.863

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

Compound	Time (min)	Peak Area
n-Propanol	2.346	157.250

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1129243
Injection date: 2/10/2017 4:08:38 PM	Vial: 39
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\39.D	

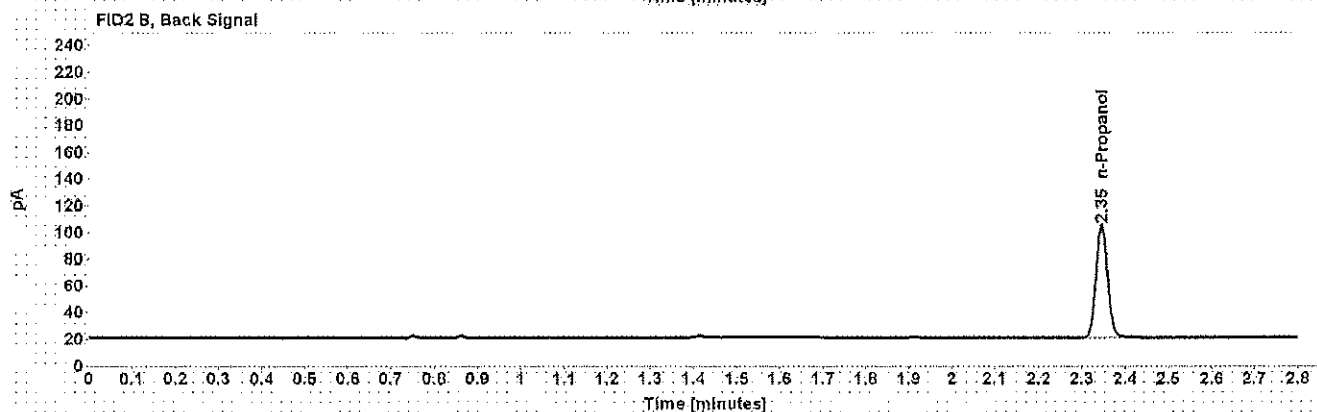
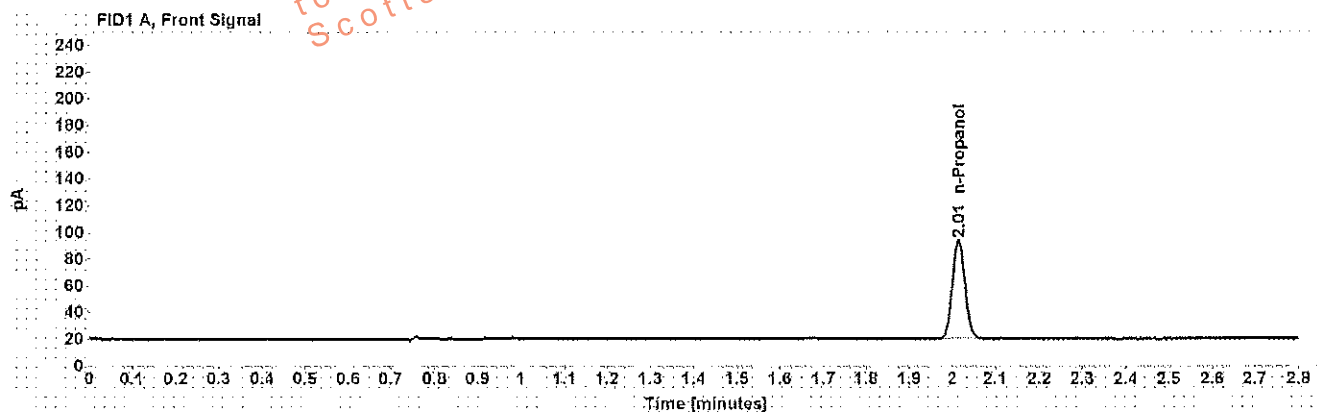


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	151.349

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

Compound	Time (min)	Peak Area
n-Propanol	2.346	156.657

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1136447
Injection date: 2/10/2017 4:12:39 PM	Vial: 40
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\40.D	

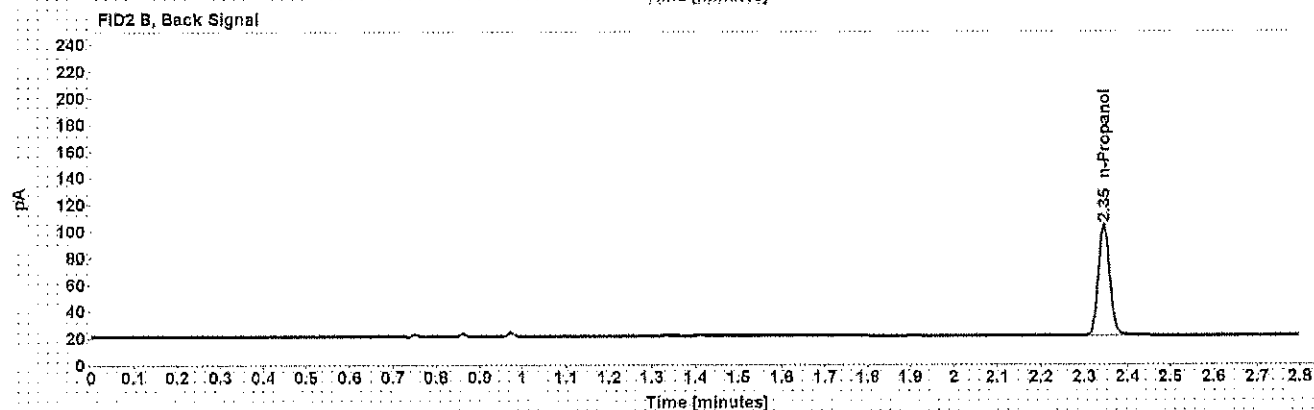
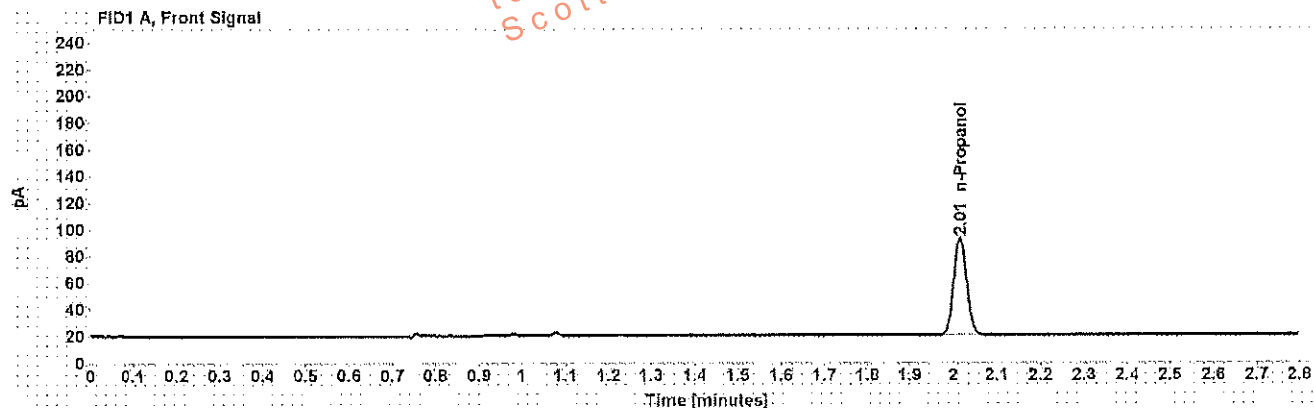


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	148.407

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

Compound	Time (min)	Peak Area
n-Propanol	2.345	153.747

Case: [REDACTED] User: wadrian 2/13/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1136447
Injection date:	2/10/2017 4:16:38 PM	Vial:	41
Method:	ethanol quant.M	Sequence:	10Feb17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\10Feb17\41.D		

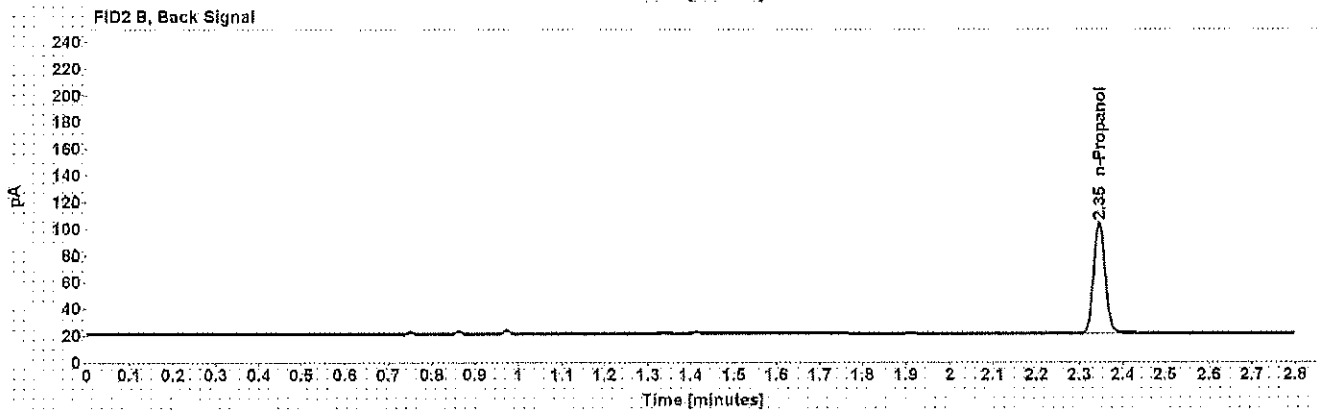
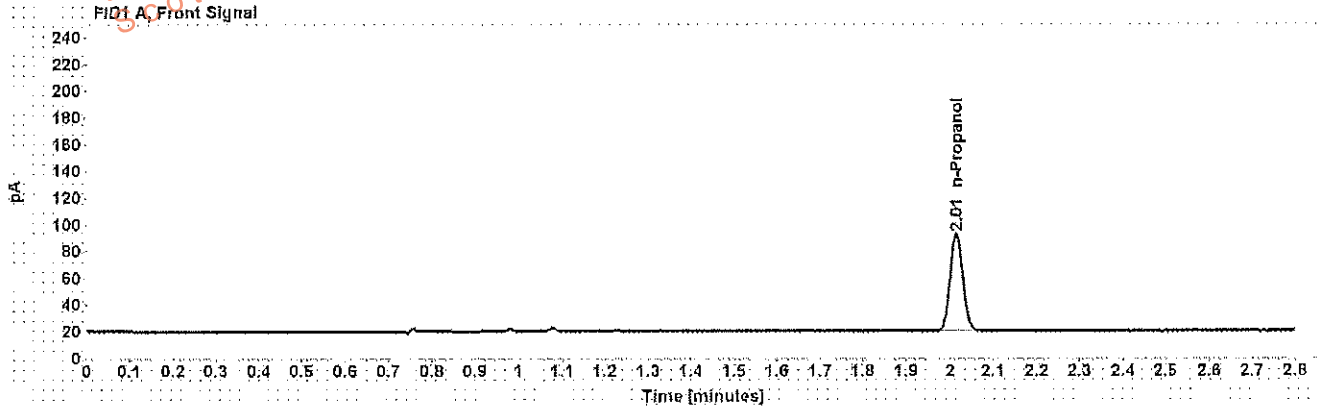


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	148.739

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

Compound	Time (min)	Peak Area
n-Propanol	2.345	154.070

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1136264
Injection date:	2/10/2017 4:24:54 PM	Vial:	43
Method:	ethanol quant.M	Sequence:	10Feb17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1>Data\10Feb17\43.D		

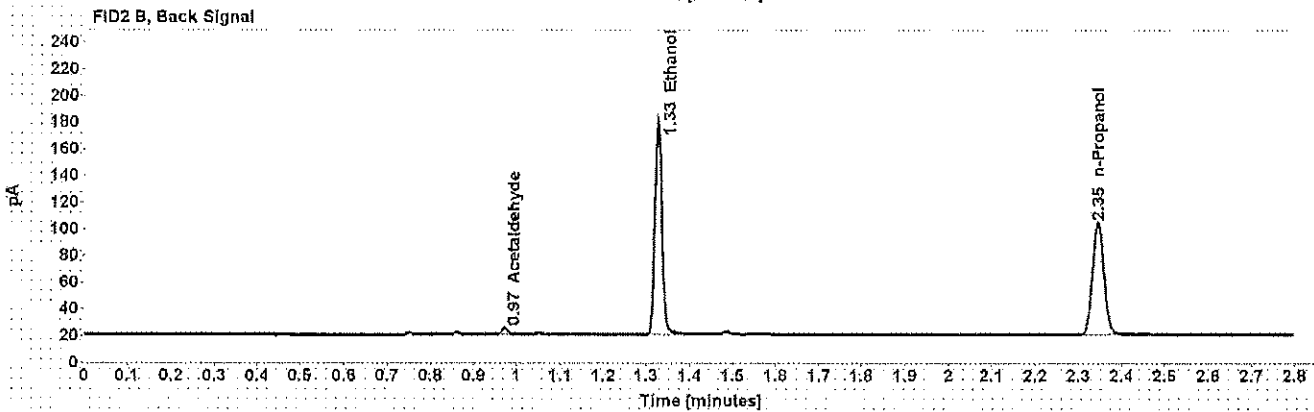
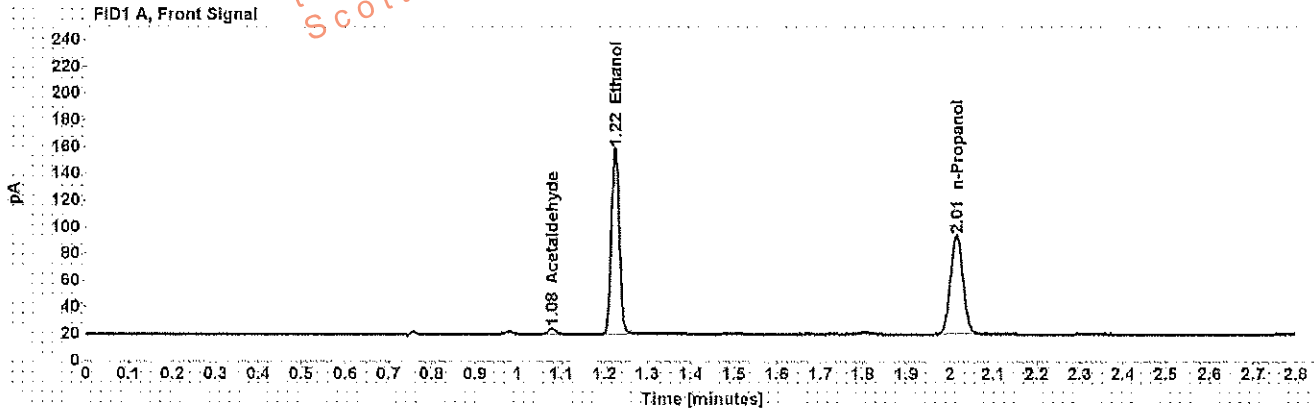


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.363
>Ethanol	0.3175	1.224	178.304
n-Propanol	-----	2.015	151.239

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.687
Ethanol	1.327	186.326
n-Propanol	2.345	156.229

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1136264
Injection date: 2/10/2017 4:28:54 PM	Vial: 44
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\44.D	

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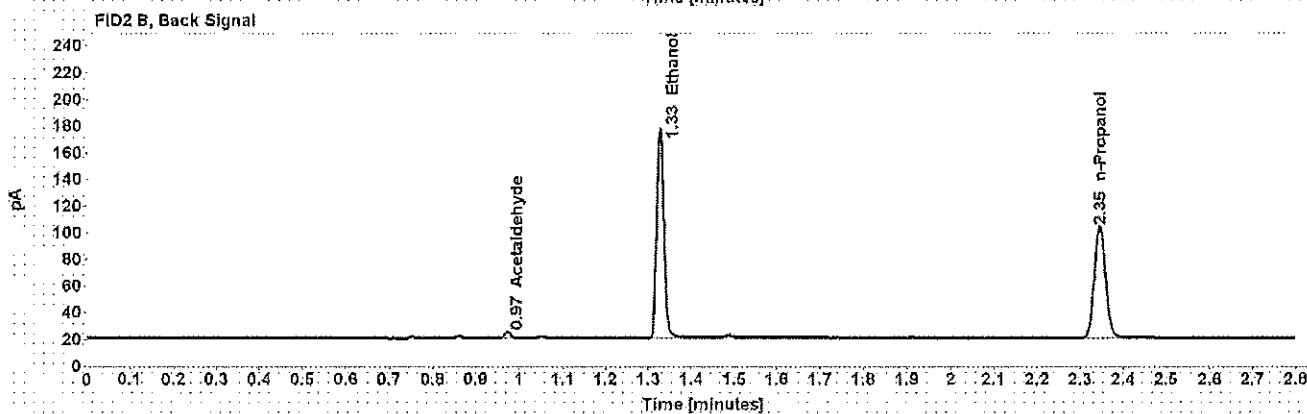
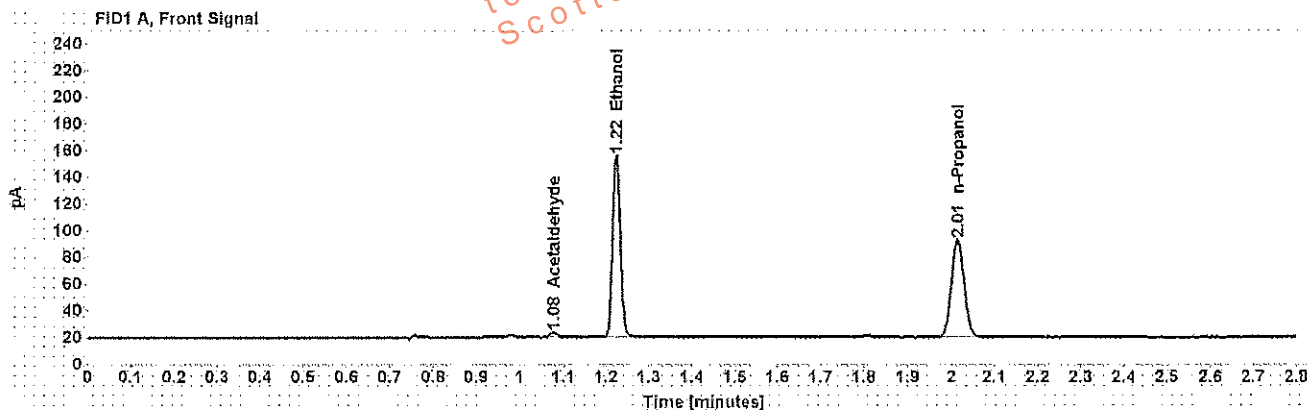


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.928
>Ethanol	0.3154	1.224	174.597
n-Propanol	-----	2.015	149.098

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.231
Ethanol	1.327	180.917
n-Propanol	2.345	154.799

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1136305
Injection date: 2/10/2017 4:32:54 PM	Vial: 45
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\45.D	

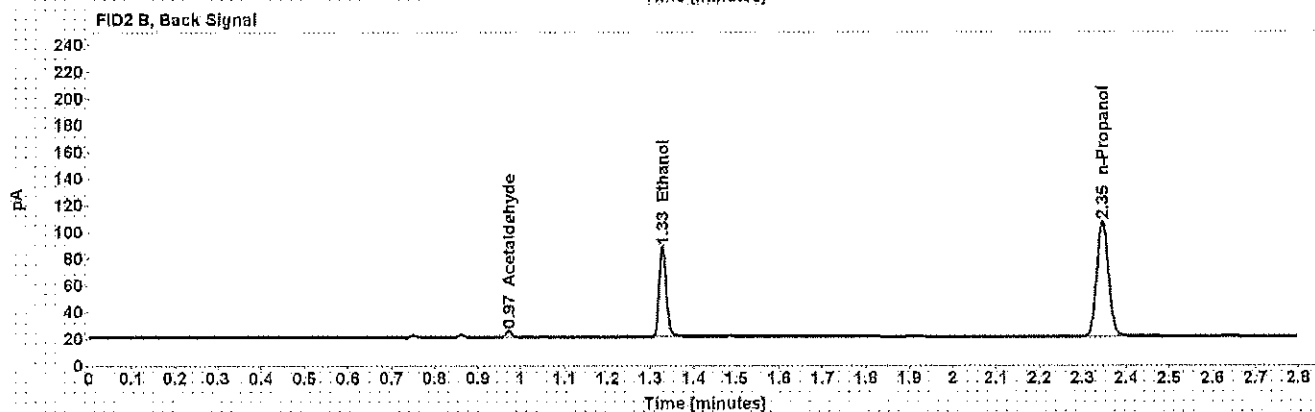
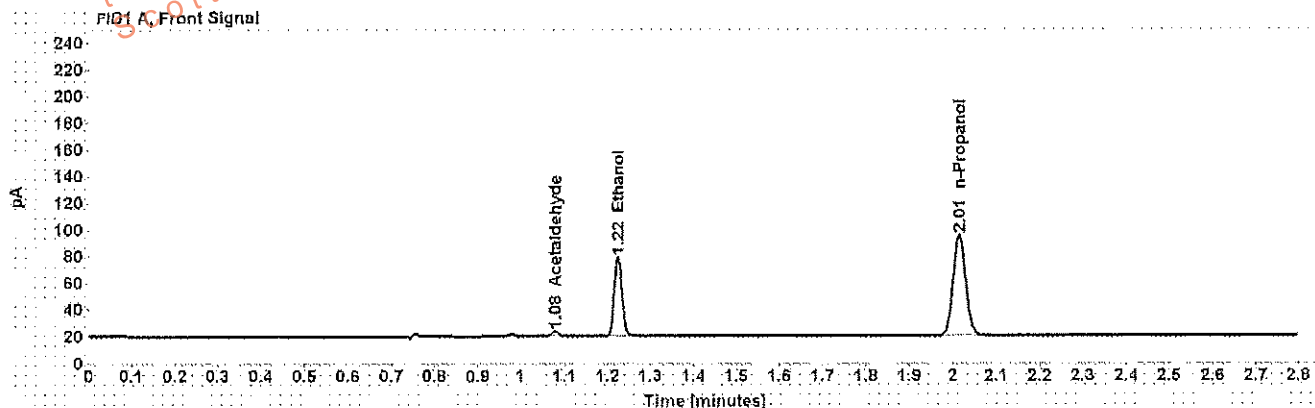


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.993
>Ethanol	0.1339	1.225	76.011
n-Propanol	-----	2.015	153.913

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.245
Ethanol	1.328	78.669
n-Propanol	2.345	159.458

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1136305
Injection date: 2/10/2017 4:36:53 PM	Vial: 46
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\10Feb17\46.D	

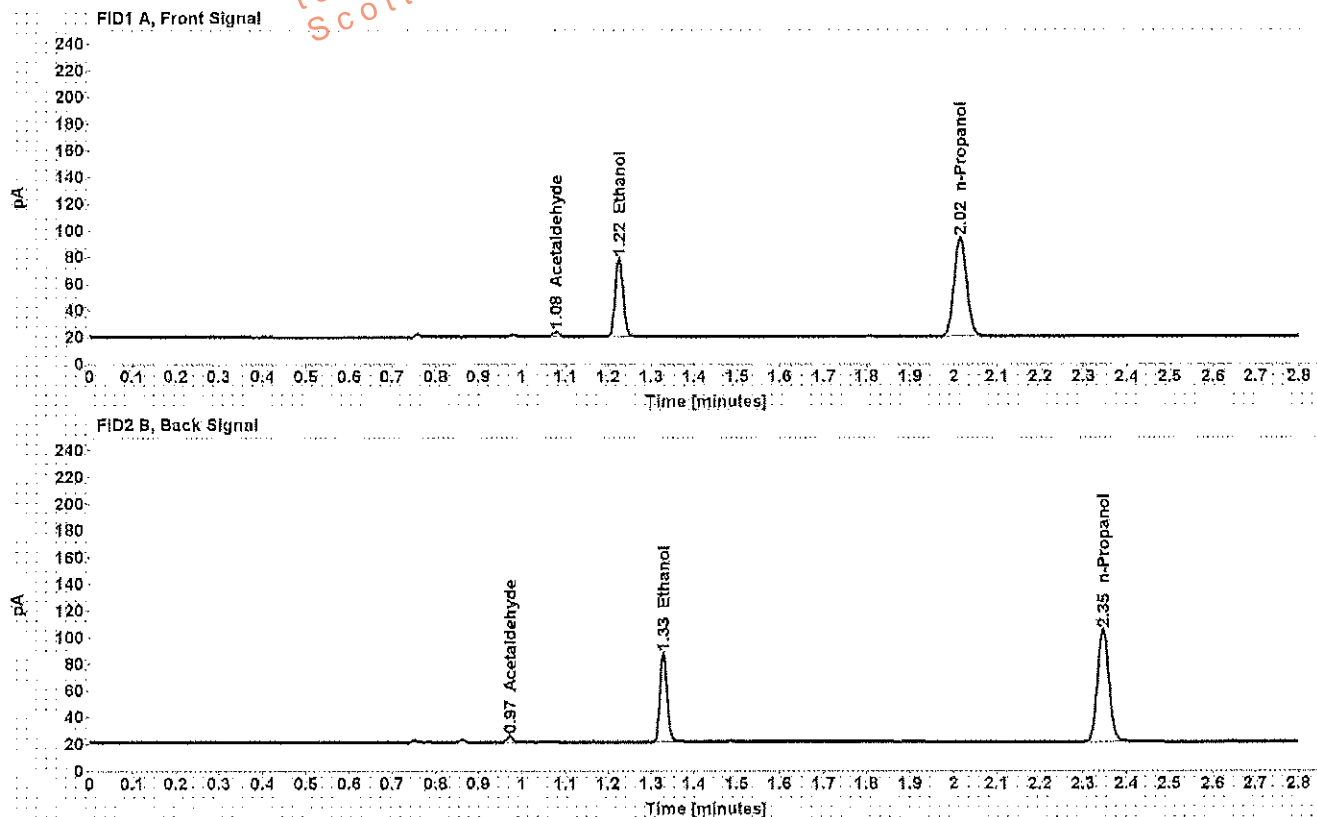


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.951
>Ethanol	0.1345	1.225	75.093
n-Propanol	-----	2.015	151.289

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.213
Ethanol	1.328	77.512
n-Propanol	2.346	156.724

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1136244
Injection date: 2/10/2017 4:40:53 PM	Vial: 47
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\17.D	

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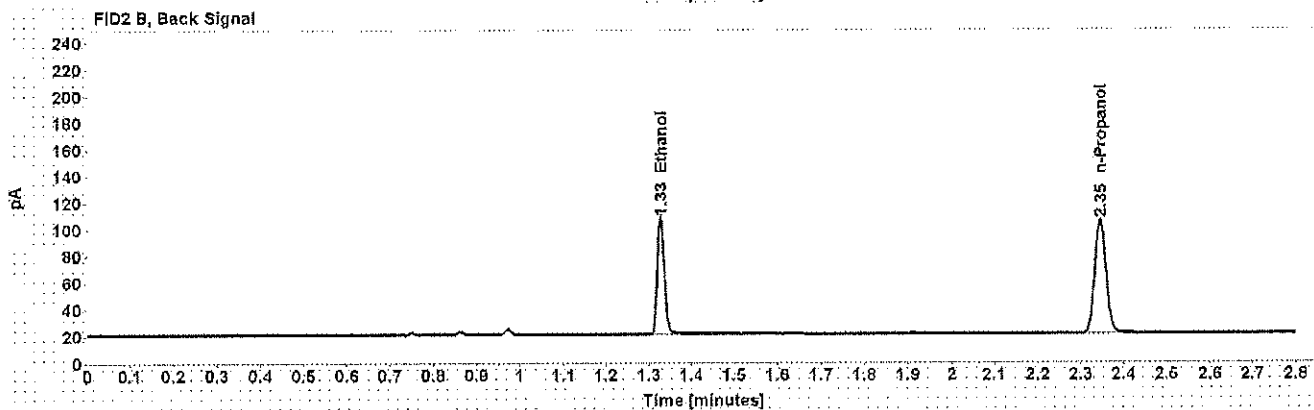
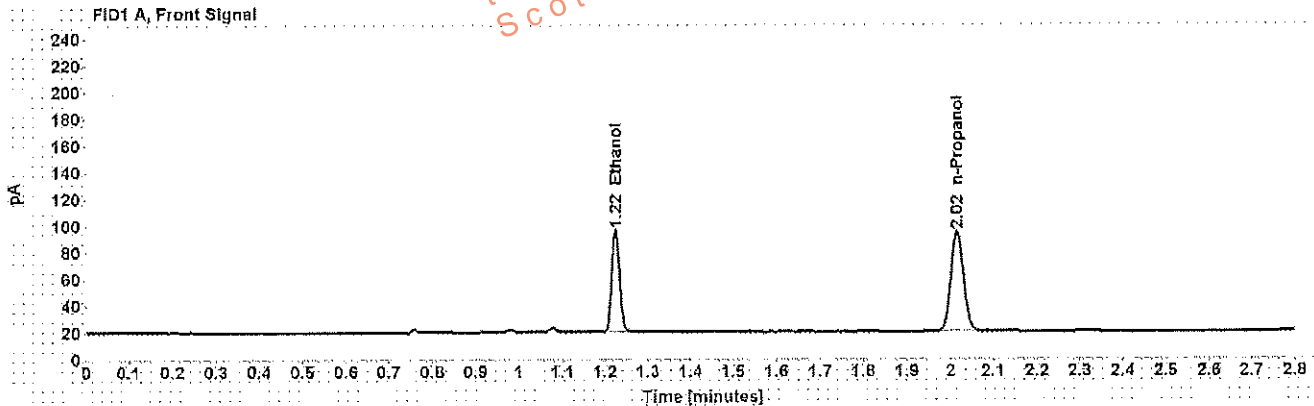


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1740	1.225	97.940
n-Propanol	-----	2.015	152.188

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

Compound	Time (min)	Peak Area
Ethanol	1.328	101.417
n-Propanol	2.348	157.346

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1136244
Injection date: 2/10/2017 4:44:53 PM	Vial: 48
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\10Feb17\48.D	

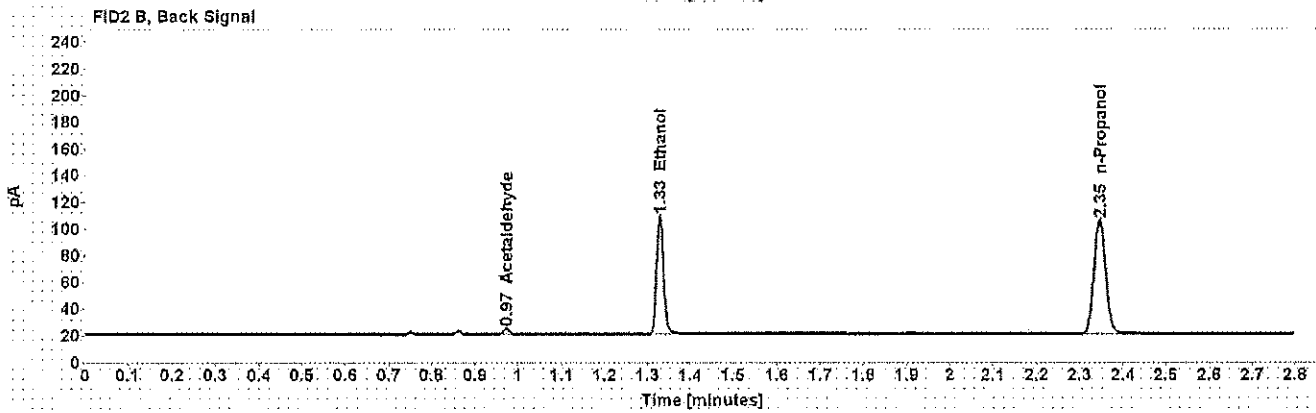
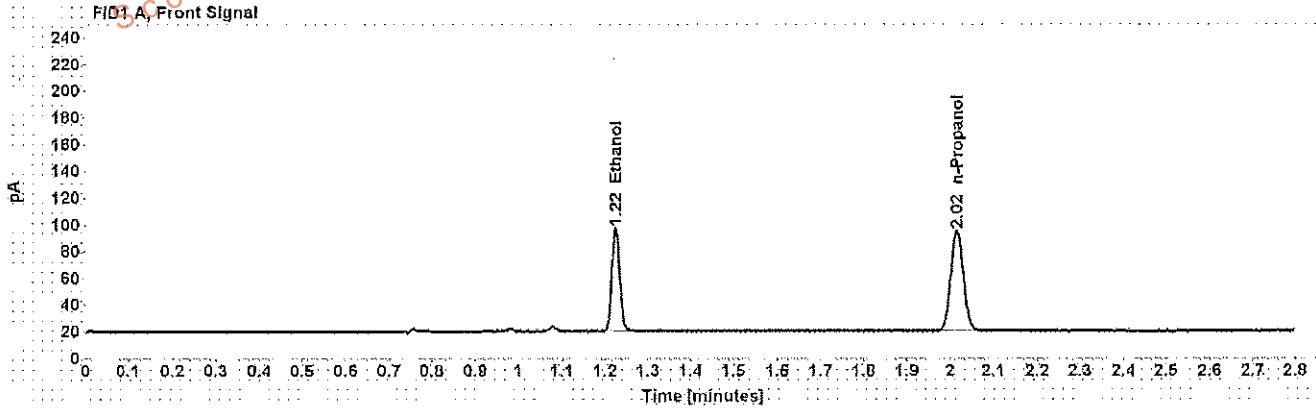


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1745	1.225	99.173
n-Propanol	-----	2.015	153.632

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.886
Ethanol	1.328	102.664
n-Propanol	2.346	158.866

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1136224
Injection date: 2/10/2017 4:49:08 PM	Vial: 49
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\10Feb17\49.D	

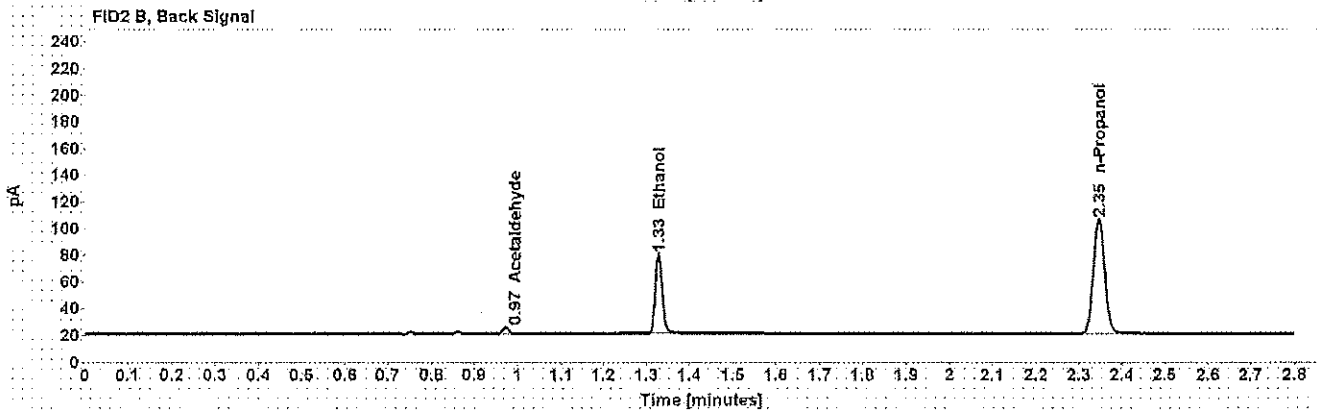
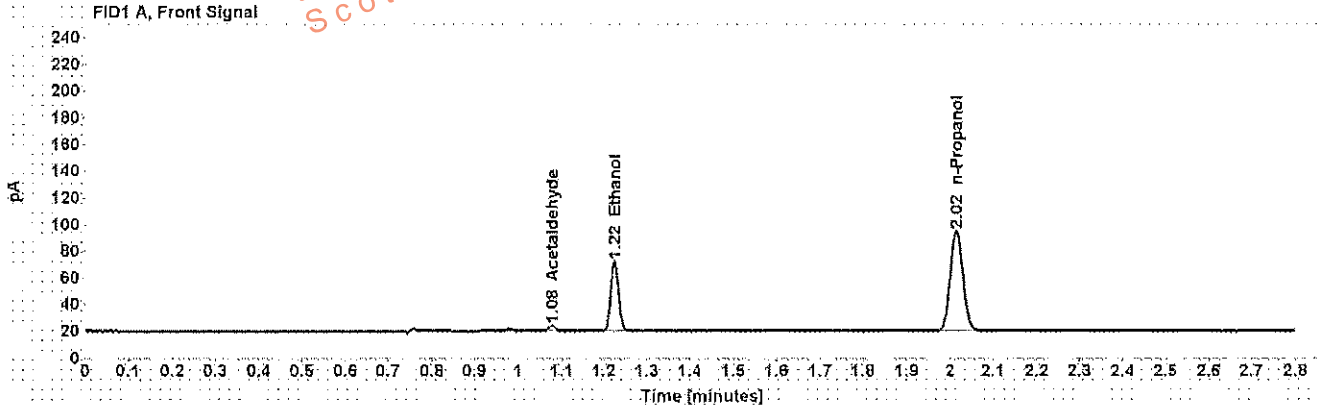


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.205
>Ethanol	0.1179	1.225	66.806
n-Propanol	-----	2.015	153.781

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.546
Ethanol	1.328	69.102
n-Propanol	2.346	159.096

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1136224
Injection date:	2/10/2017 4:53:07 PM	Vial:	50
Method:	ethanol quant.M	Sequence:	10Feb17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\10Feb17\50.D		

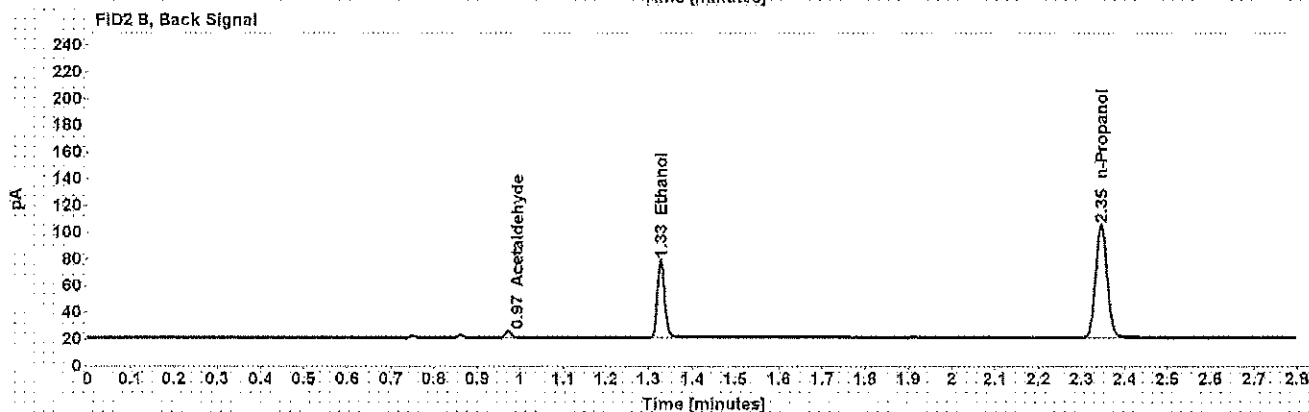
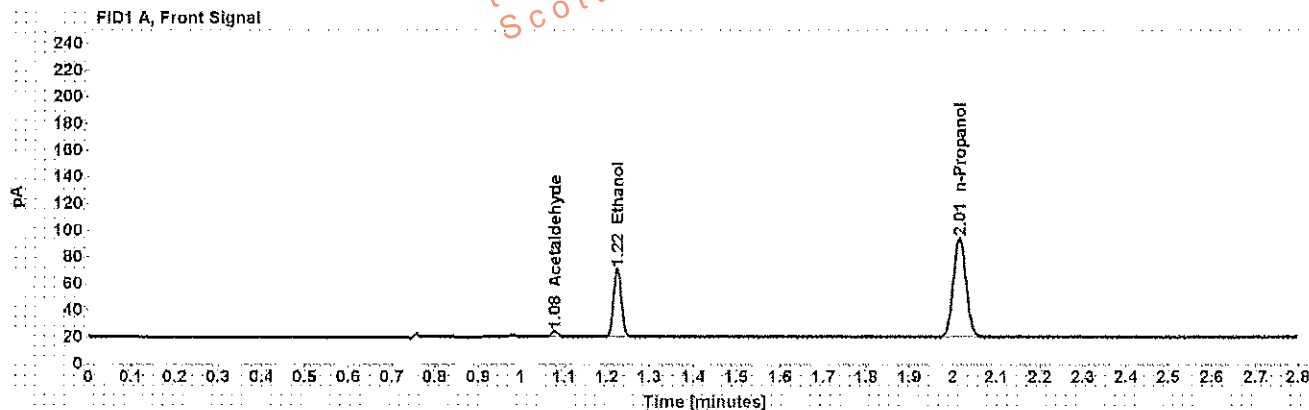


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.398
>Ethanol	0.1173	1.224	65.538
n-Propanol	-----	2.015	151.664

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.690
Ethanol	1.328	67.699
n-Propanol	2.345	156.896

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1124643
Injection date: 2/10/2017 4:57:08 PM	Vial: 51
Method: ethanol quant M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\10Feb17\51.D	

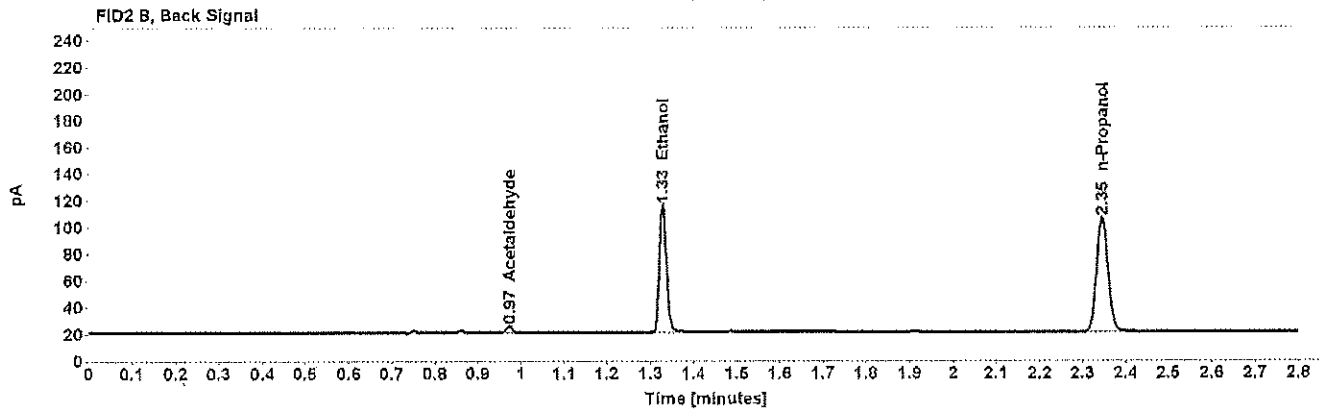
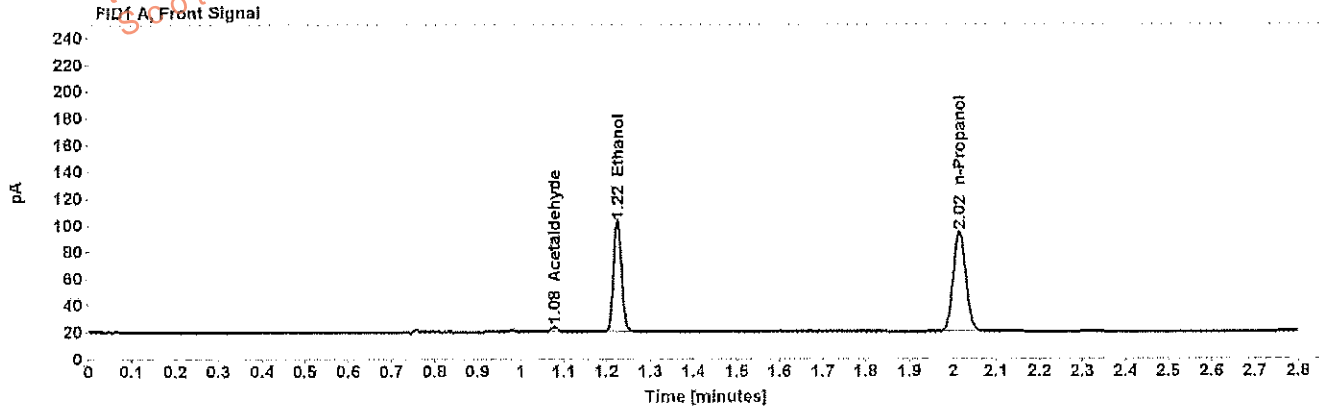


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.123
>Ethanol	0.1884	1.225	106.506
n-Propanol	-----	2.015	152.717

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.406
Ethanol	1.328	110.134
n-Propanol	2.346	158.000

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1124643
Injection date: 2/10/2017 5:01:10 PM	Vial: 52
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\52.D	

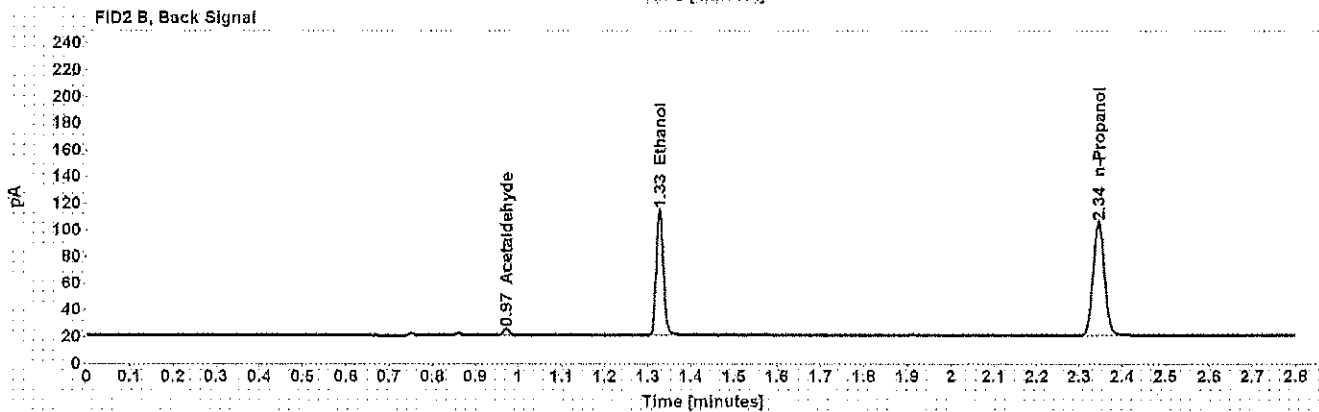
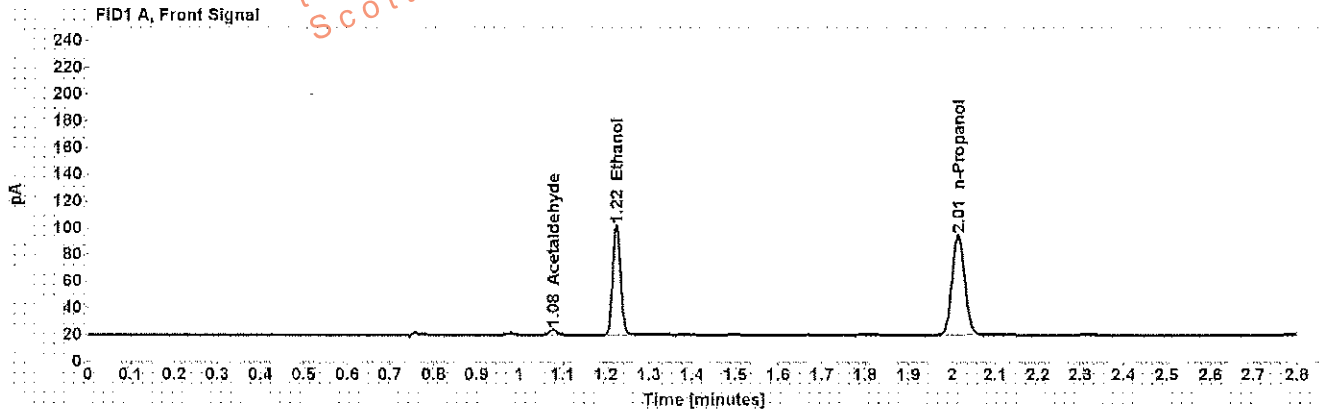


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.168
>Ethanol	0.1869	1.224	105.556
n-Propanol	-----	2.014	152.563

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.473
Ethanol	1.327	109.182
n-Propanol	2.345	157.821

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1138805
Injection date: 2/10/2017 5:09:09 PM Vial: 54
Method: ethanol quant.M Sequence: 10Feb17
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem32\11\Data\10Feb17\54.D

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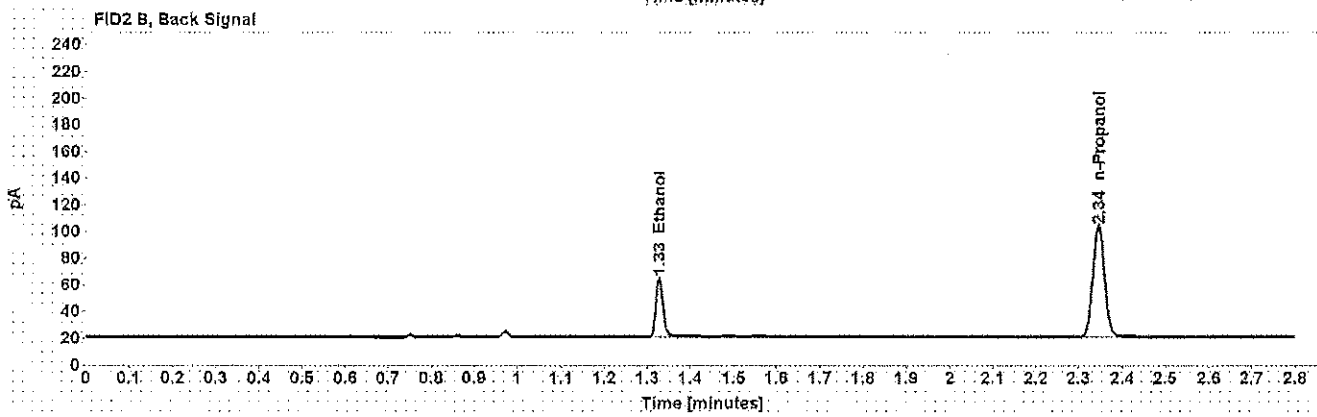
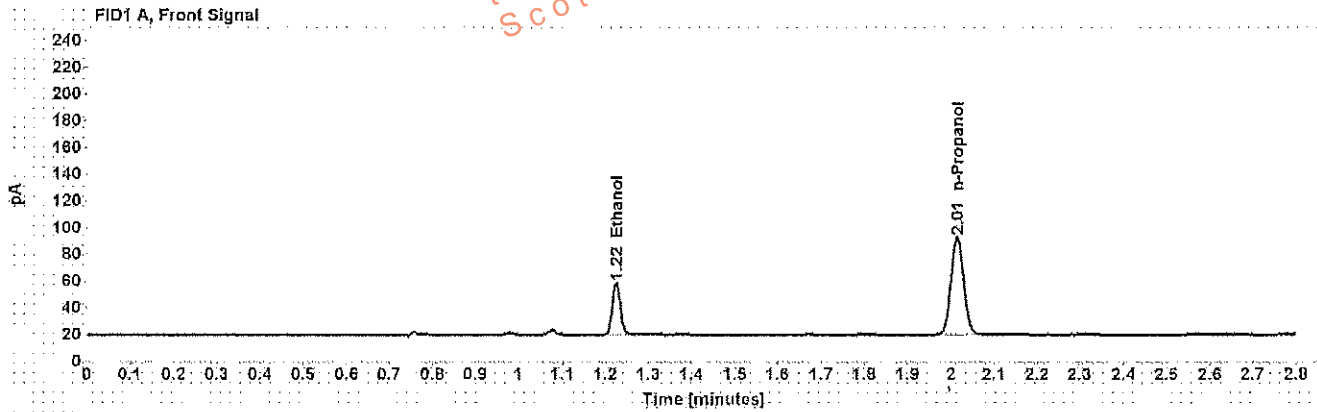


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0909	1.225	49.856
n-Propanol	-----	2.015	149.503

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

Compound	Time (min)	Peak Area
Ethanol	1.328	51.282
n-Propanol	2.345	154.358

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1138805
Injection date: 2/10/2017 5:13:23 PM	Vial: 55
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\10Feb17\55.D	

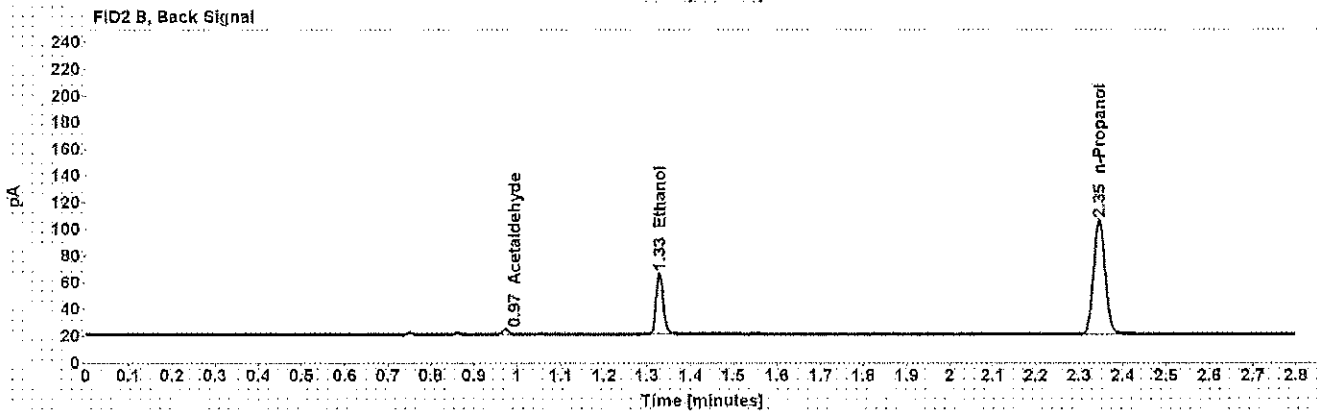
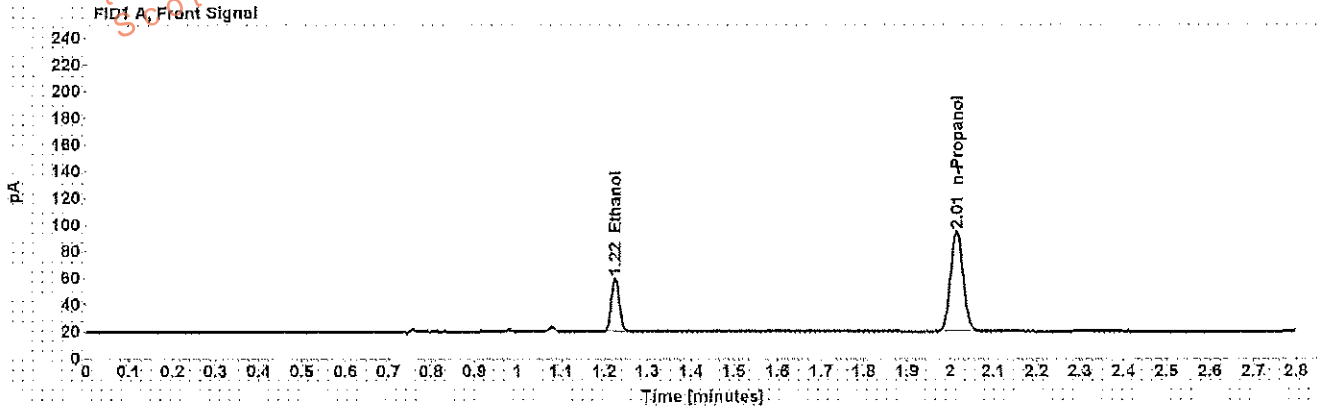


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0914	1.225	51.802
n-Propanol	-----	2.015	153.735

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	3.792
Ethanol	1.328	53.105
n-Propanol	2.345	159.012

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1138892
Injection date: 2/10/2017 5:17:24 PM	Vial: 56
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\56.D	

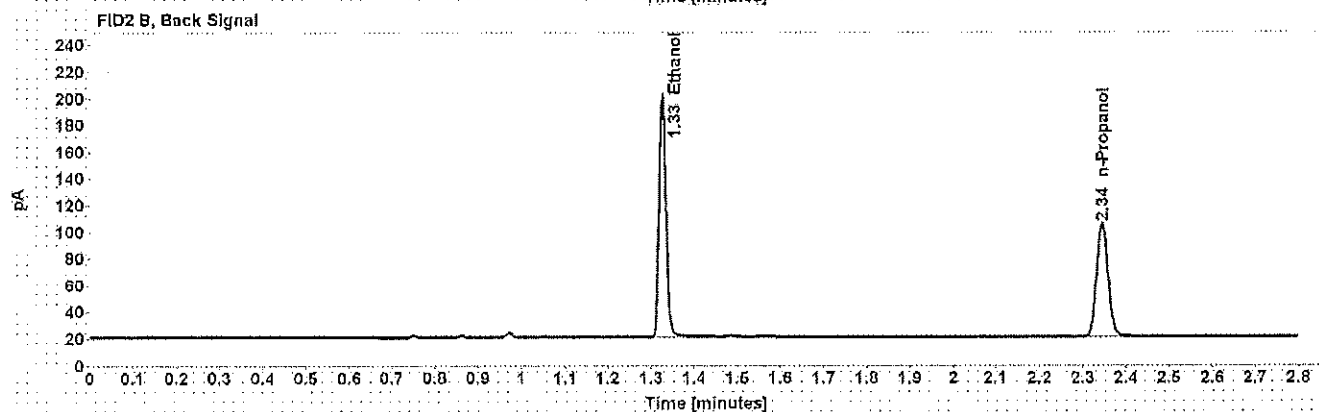
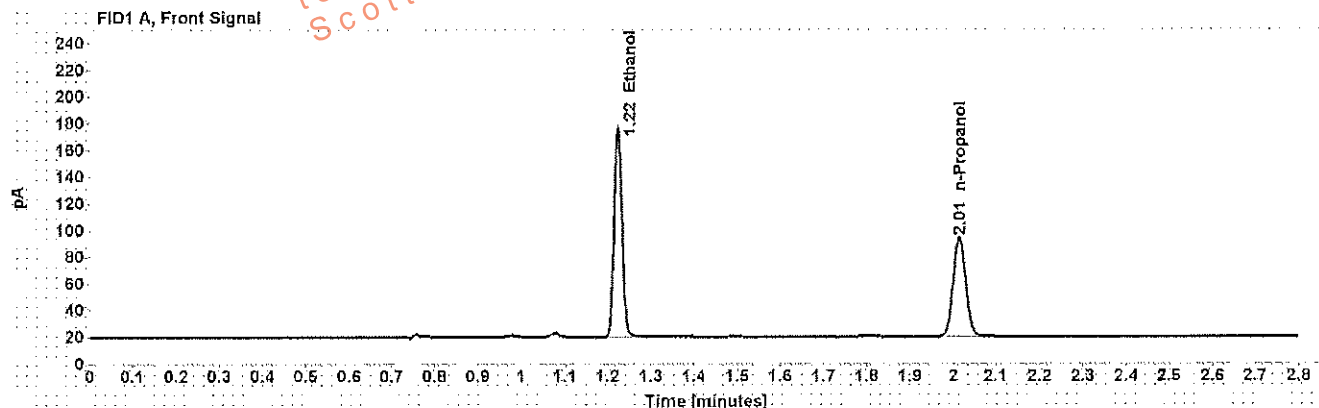


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3538	1.224	199.988
n-Propanol	-----	2.015	152.178

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

Compound	Time (min)	Peak Area
Ethanol	1.327	207.231
n-Propanol	2.345	157.082

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1138892
Injection date: 2/10/2017 5:21:23 PM	Vial: 57
Method: ethanol quant.M	Sequence: 10Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\10Feb17\57.D	

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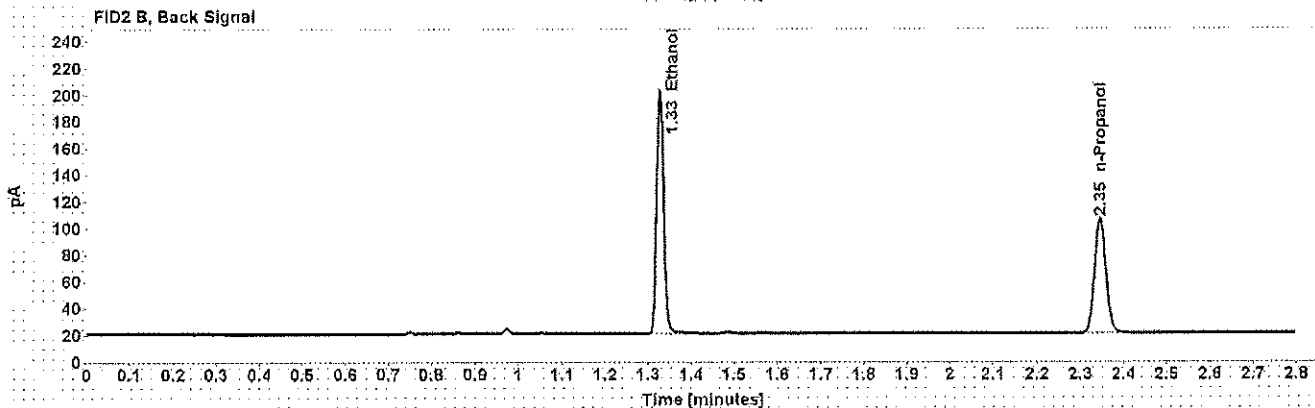
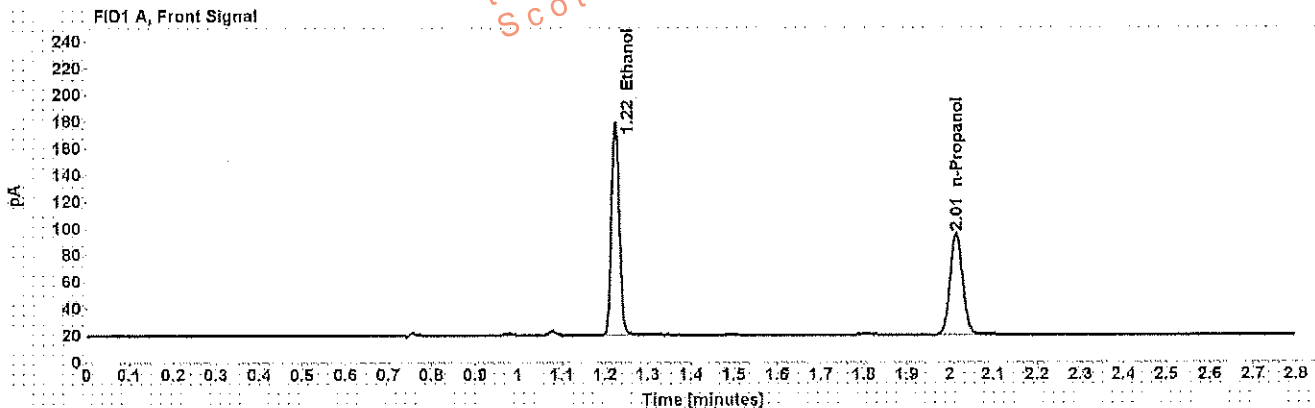


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3556	1.224	204.035
n-Propanol	-----	2.015	154.466

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

Compound	Time (min)	Peak Area
Ethanol	1.327	211.514
n-Propanol	2.345	159.278