

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 2/2/2017 SEQUENCE NAME 2Feb17

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 0.99998
 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 053116WLA
7	Aqueous control	0.400 g/dL	0.403 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 402101060/6
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.151 g/dL	Lipomed 09022015-C
42	Blood control	0.200 g/dL	0.203 g/dL	ACQ 402101060/6
53	Aqueous control	0.400 g/dL	0.406 g/dL	Lipomed 08012015-C
54	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
55	Blood control	0.200 g/dL	0.201 g/dL	ACQ 402101060/6
56	Blank	Not detected	Not detected	SPD lab 012517

SUBJECT SAMPLES

Subjects in the sequence 20 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid WA B1570 2/6/17 Analyst
 Run valid Run invalid KOSECKI 2/6/17 Technical Reviewer

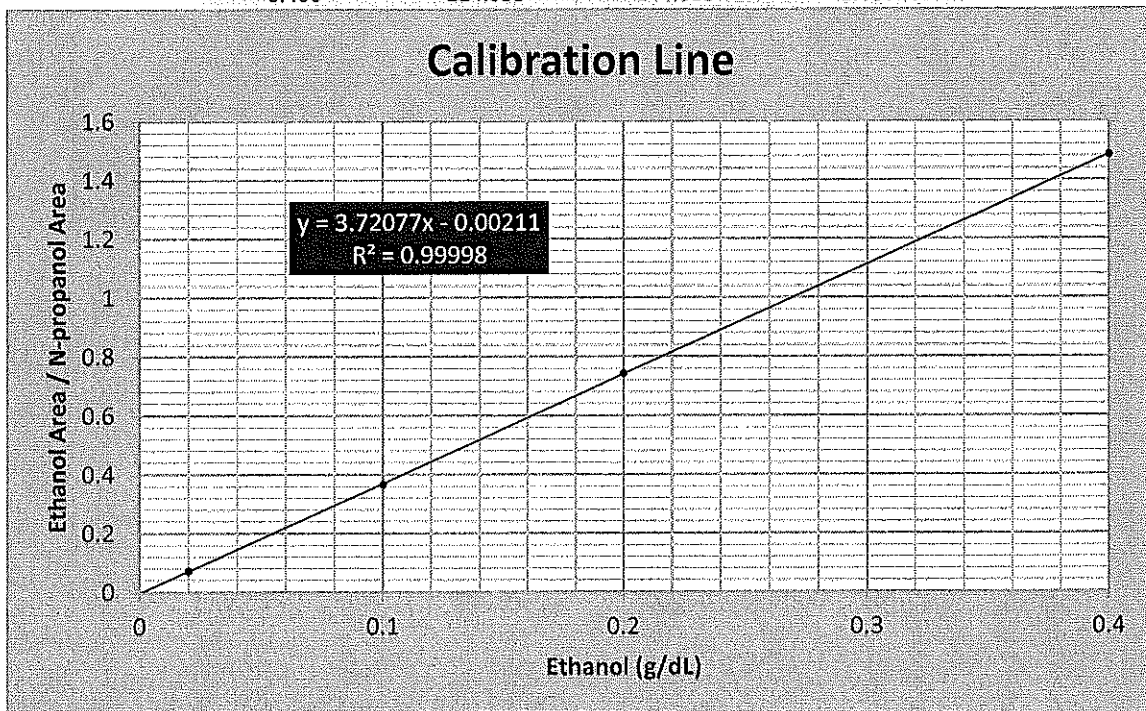
**SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY
SEQUENCE QUALITY ASSURANCE SUMMARY**

SEQUENCE NAME: 2Feb17

ANALYST: Adrian

Control	Vial	Expected Value (g/dL)	Measured Value (g/dL)	Percent Difference	Absolute Difference (g/dl)
1	5	negative	negative	-	-
2	6	0.133	0.403	0.75	0.003
3	7	0.040	0.039	2.50	-0.001
4	8	0.200	0.200	0.00	0.000
5	20	0.080	0.080	0.00	0.000
6	31	0.150	0.151	0.67	0.001
7	42	0.200	0.203	1.50	0.003
8	53	0.400	0.406	1.50	0.006
9	54	0.040	0.040	0.00	0.000
10	55	0.200	0.201	0.50	0.001
11	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.038	149.920	0.074
0.100	53.106	144.777	0.367
0.200	106.240	142.743	0.744
0.400	214.038	144.055	1.486



WA

Scottsdale Police Department Crime Lab Volatiles Analysis

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Scottsdale City Prosecutor

Sample:	0.020 Cerilliant FN03241604	Item number:	
Injection date:	2/2/2017 12:55:35 PM	Vial:	1
Method:	ethanol quant.M	Sequence:	2Feb17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\2Feb17\1.D		

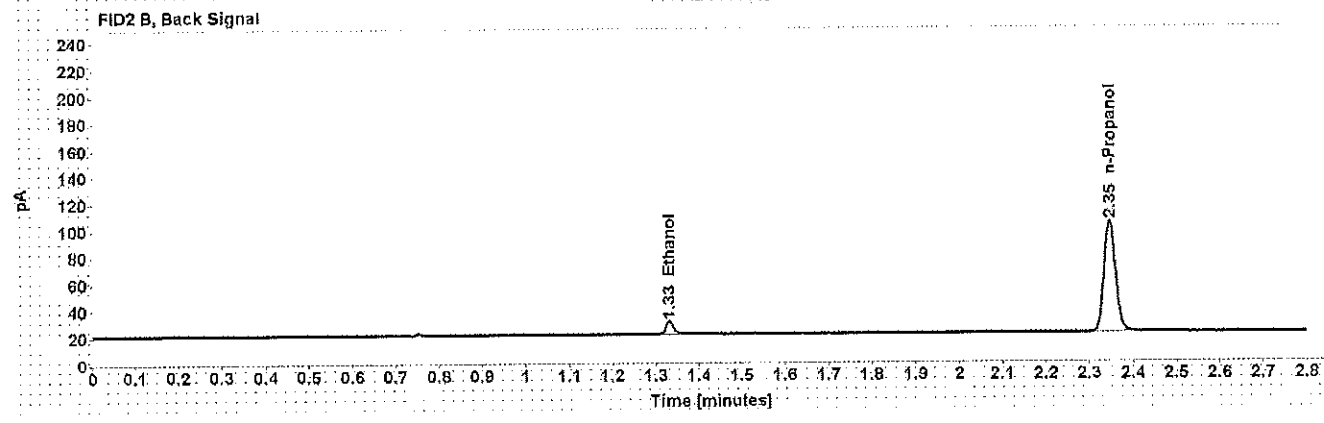
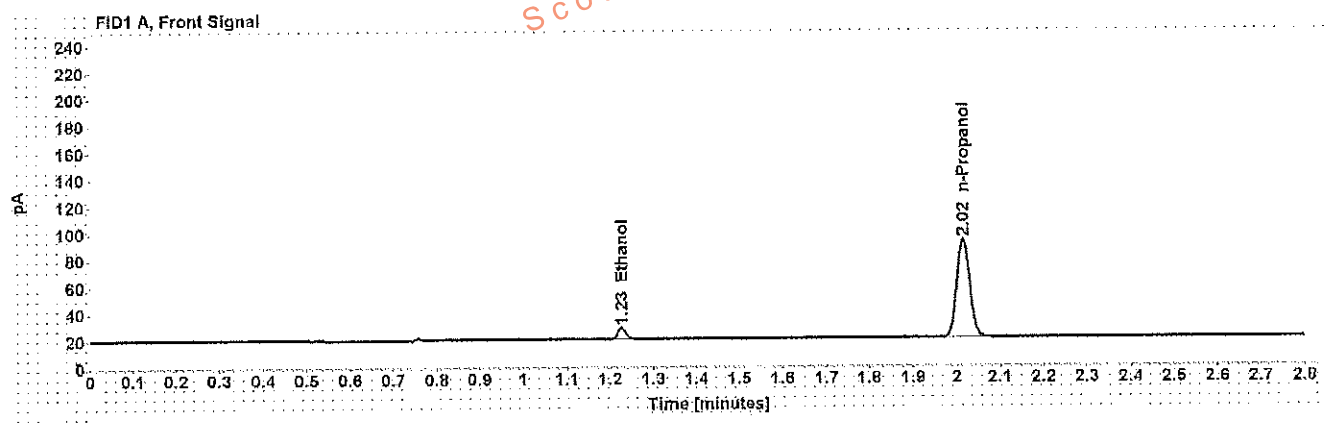


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.226	11.038
n-Propanol	2.015	149.920

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

Compound	Time (min)	Peak Area
Ethanol	1.331	11.283
n-Propanol	2.346	153.884

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.100 Cerilliant FN06181501 Item number:
 Injection date: 2/2/2017 12:59:35 PM Vial: 2
 Method: ethanol quant.M Sequence: 2Feb17
 Instrument: US14173023 CN14160045 Analyst: Adrian
 Data file: C:\Chem3211\Data\2Feb17\2.D

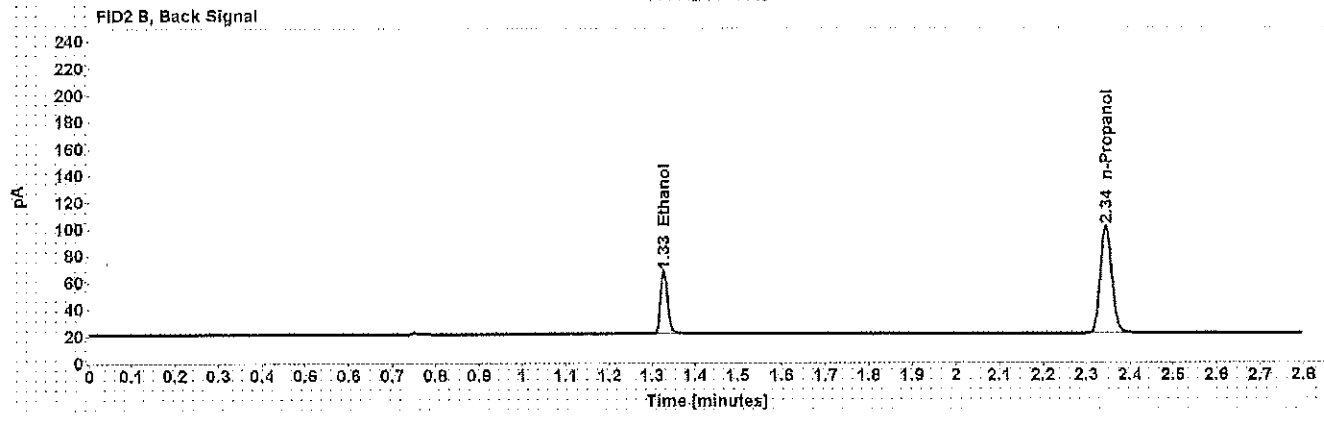
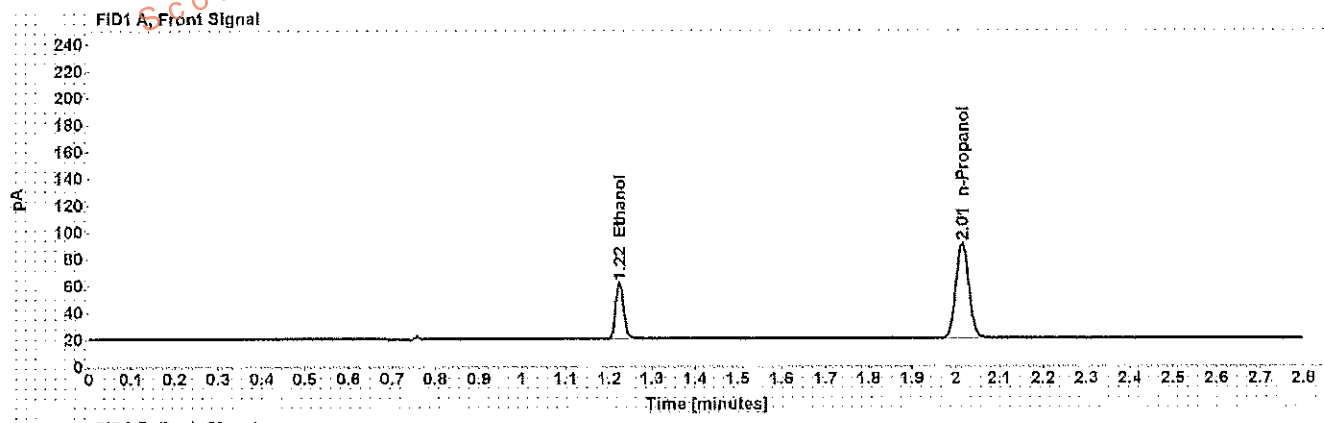


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	53.106
n-Propanol	2.014	144.777

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

Compound	Time (min)	Peak Area
Ethanol	1.327	54.575
n-Propanol	2.345	148.513

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: 0.200 Cerilliant FN07201502	Item number:
Injection date: 2/2/2017 1:03:36 PM	Vial: 3
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\2Feb17\3.D	

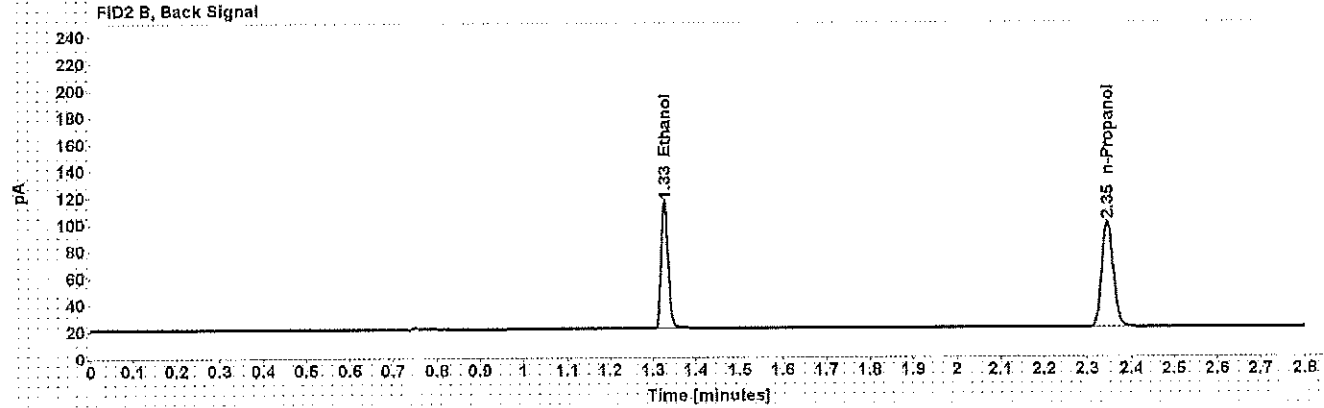
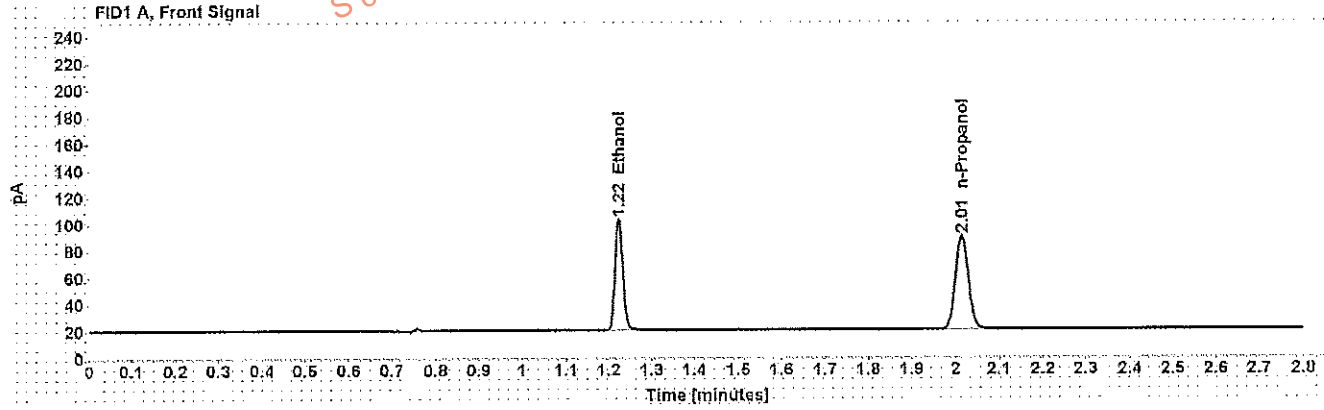


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	106.240
n-Propanol	2.015	142.743

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

Compound	Time (min)	Peak Area
Ethanol	1.327	109.362
n-Propanol	2.345	146.623

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.400 Cerilliant FN11191402	Item number
Injection date: 2/2/2017 1:07:35 PM	Vial: 4
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\4.D	

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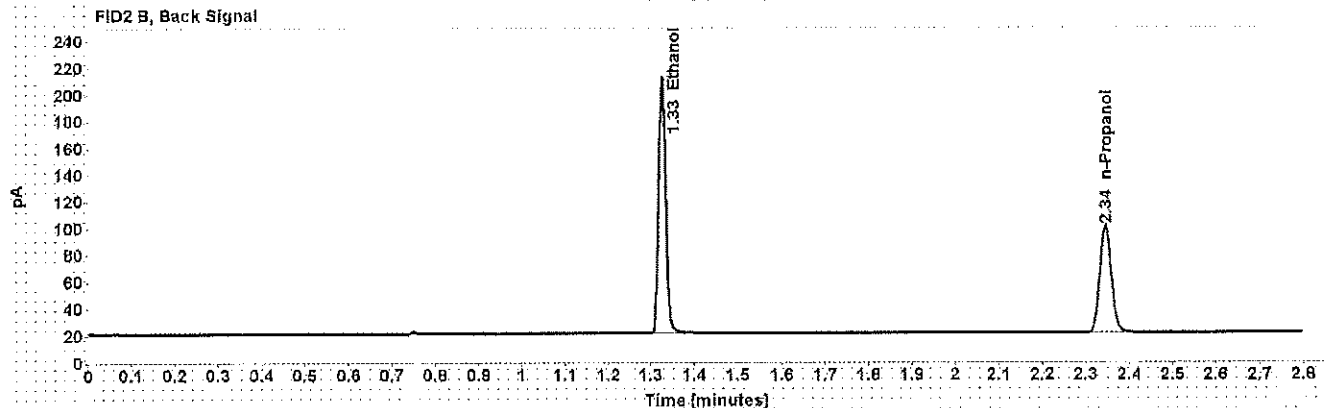
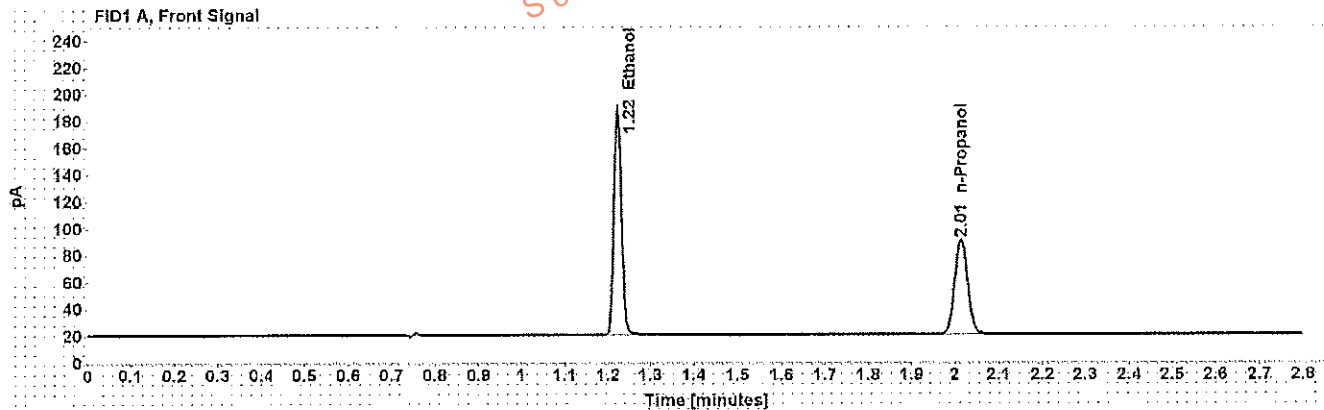


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.223	214.038
n-Propanol	2.014	144.055

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

Compound	Time (min)	Peak Area
Ethanol	1.326	221.667
n-Propanol	2.345	147.838

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 012517	Item number:
Injection date: 2/2/2017 1:11:35 PM	Vial: 5
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\1Data\2Feb17\5.D	

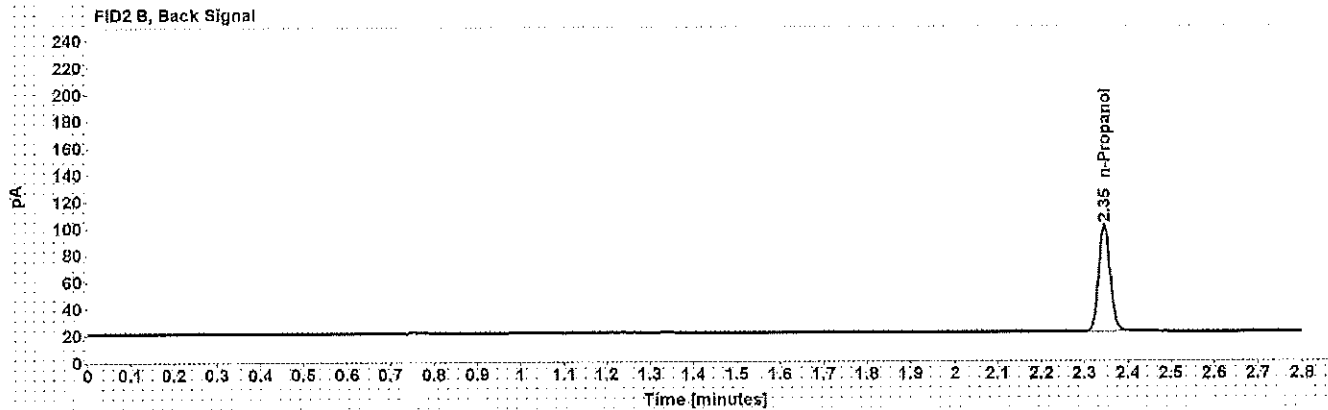
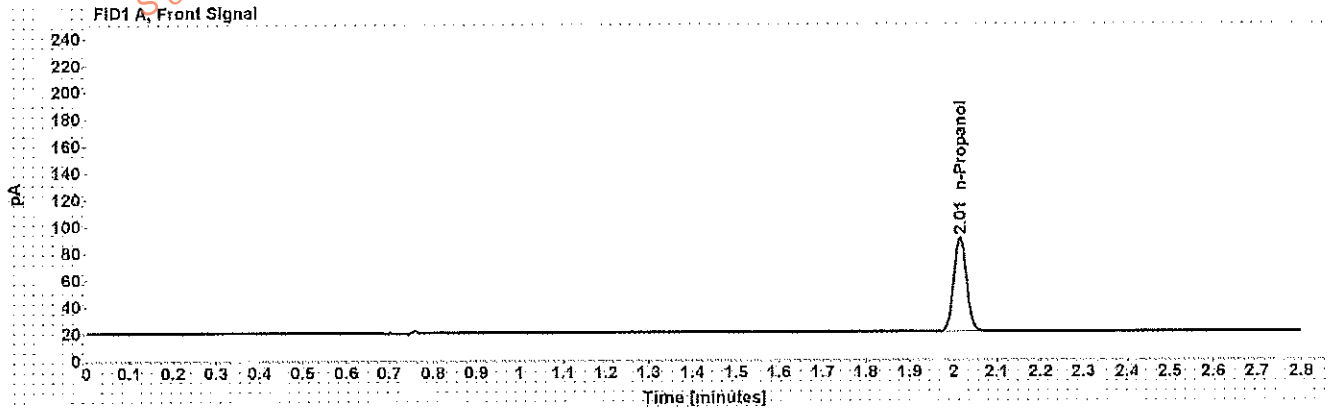


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	143.713

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

Compound	Time (min)	Peak Area
n-Propanol	2.345	147.687

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: volatiles mix 053116 WLA	Item number: 6
Injection date: 2/2/2017 1:15:35 PM	Vial: 6
Method: ethanol quant M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\2Feb17\6.D	

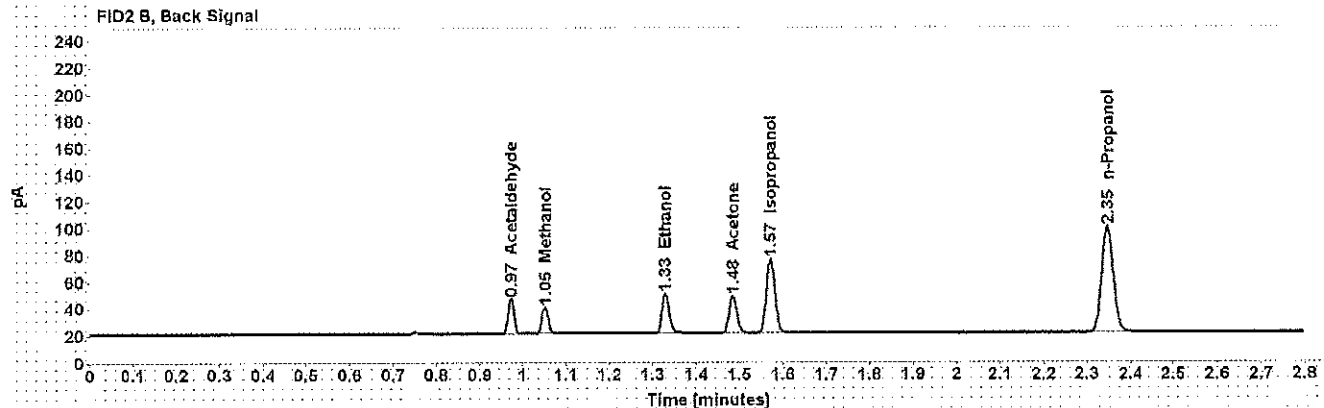
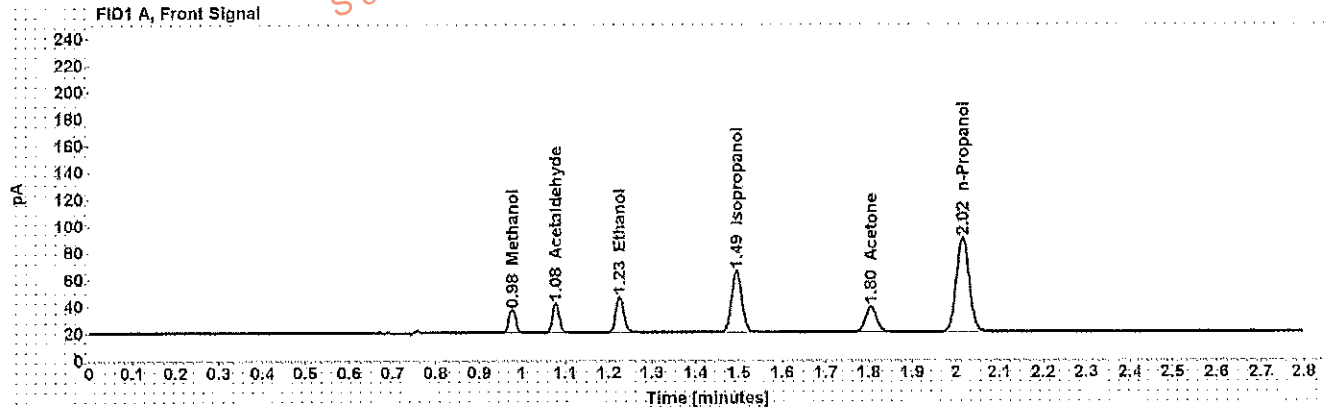


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.977	19.528
Acetaldehyde	-----	1.078	23.741
>Ethanol	0.0641	1.225	33.889
Isopropanol	-----	1.494	74.970
Acetone	-----	1.805	33.800
n-Propanol	-----	2.015	143.340

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	25.086
Methanol	1.051	19.977
Ethanol	1.329	34.743
Acetone	1.484	34.472
Isopropanol	1.571	77.538
n-Propanol	2.346	147.003

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.400 Lipomed 08012015-C	Item number: 7
Injection date: 2/2/2017 1:19:50 PM	Vial: 7
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\7.D	

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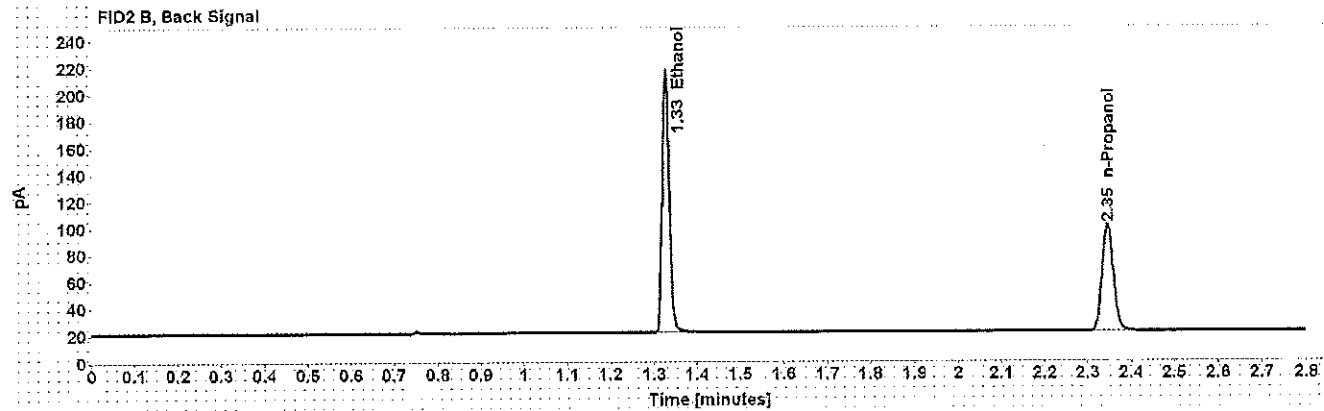
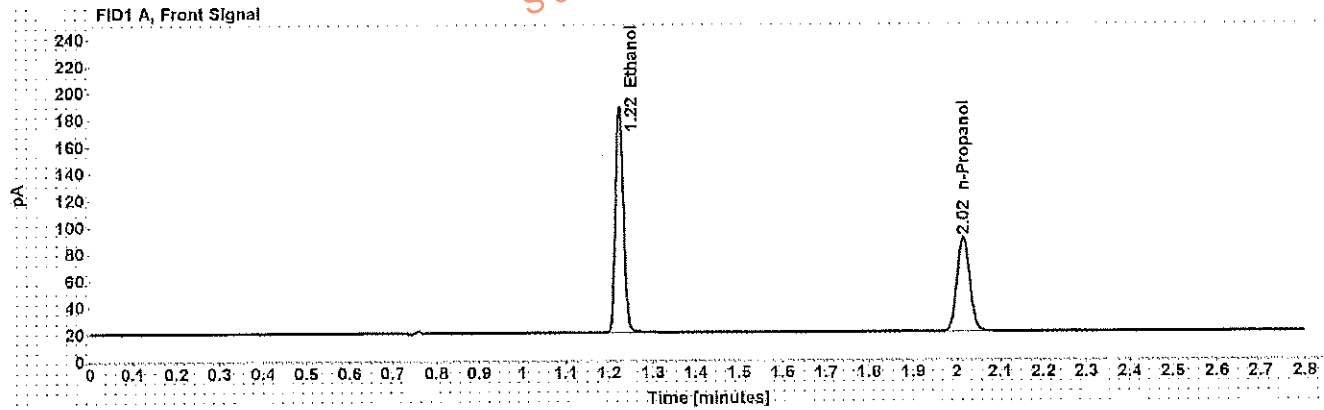


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4035	1.224	214.890
n-Propanol	-----	2.015	143.340

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

Compound	Time (min)	Peak Area
Ethanol	1.327	222.301
n-Propanol	2.346	147.249

Scottsdale Police Department Crime Lab Volatiles Analysis

NA

Sample: 0.040 Lipomed 09022015-A	Item number:
Injection date: 2/2/2017 1:23:50 PM	Vial: 8
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\8.D	

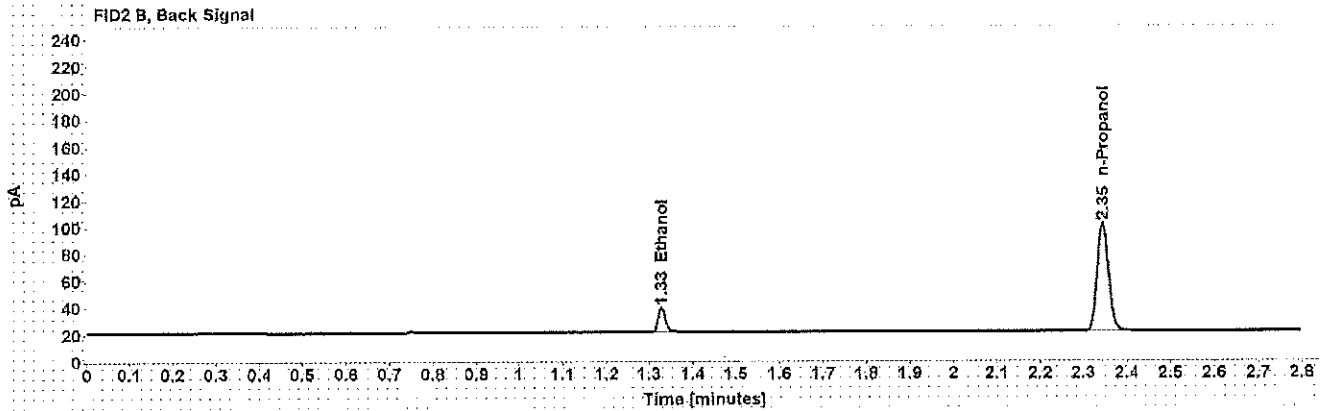
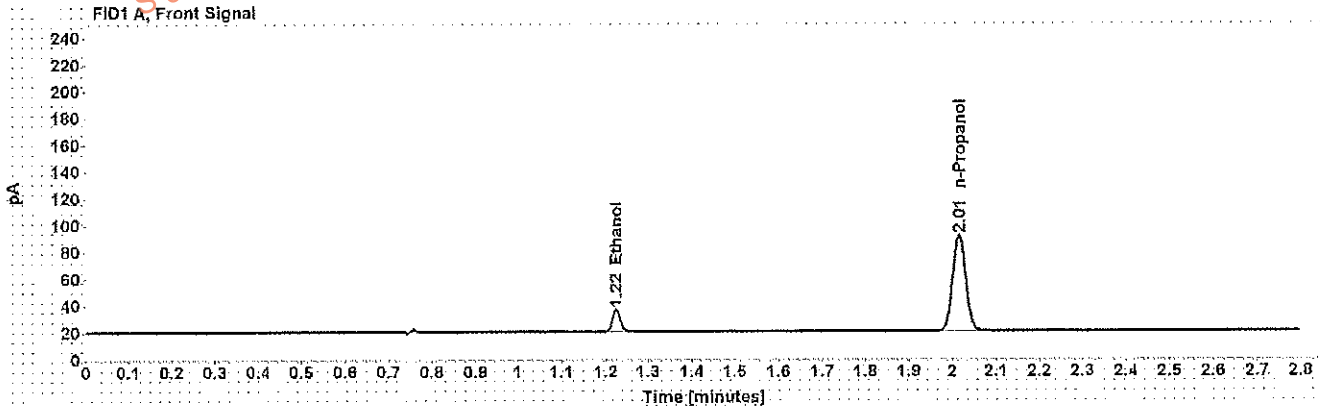


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0395	1.225	21.165
n-Propanol	-----	2.015	146.224

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

Compound	Time (min)	Peak Area
Ethanol	1.328	21.563
n-Propanol	2.345	150.152

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.20 ACQ 402101060/6	Item number:
Injection date: 2/2/2017 1:27:50 PM	Vial: 9
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\2Feb17\9.D	

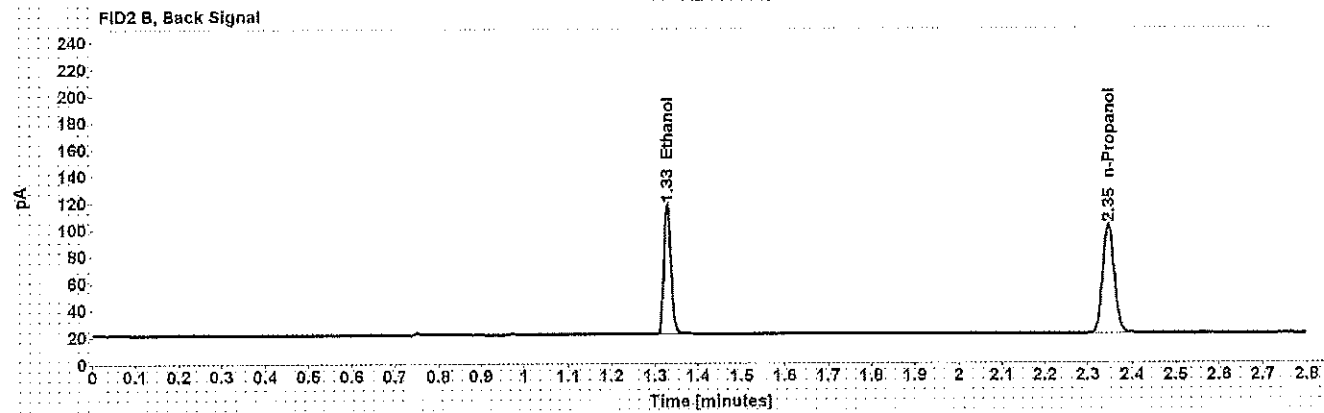
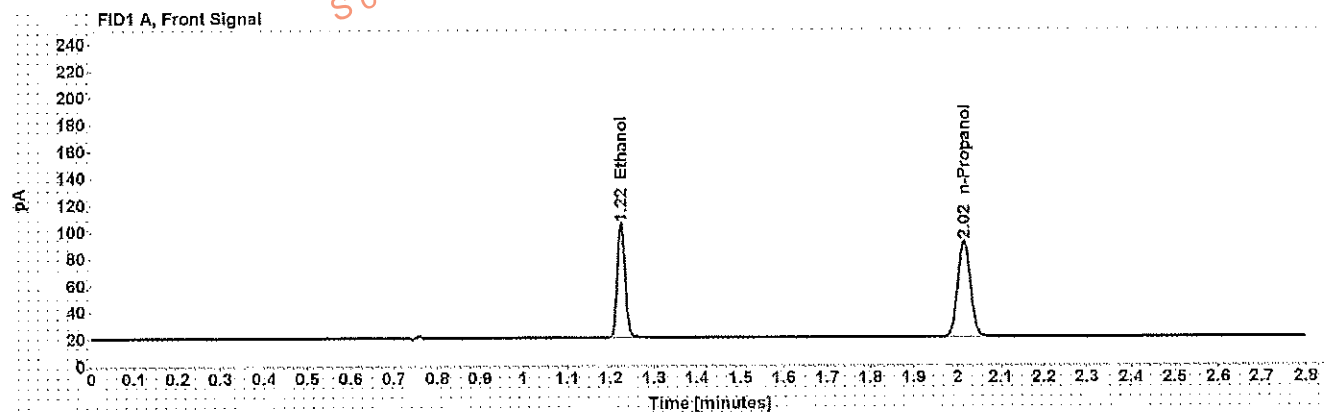


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2009	1.225	108.730
n-Propanol	-----	2.015	145.856

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

Compound	Time (min)	Peak Area
Ethanol	1.328	111.937
n-Propanol	2.346	150.122

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: 0.080 Lipomed 28082014-B	Item number: 64
Injection date: 2/2/2017 2:12:20 PM	Vial: 20
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\20.D	

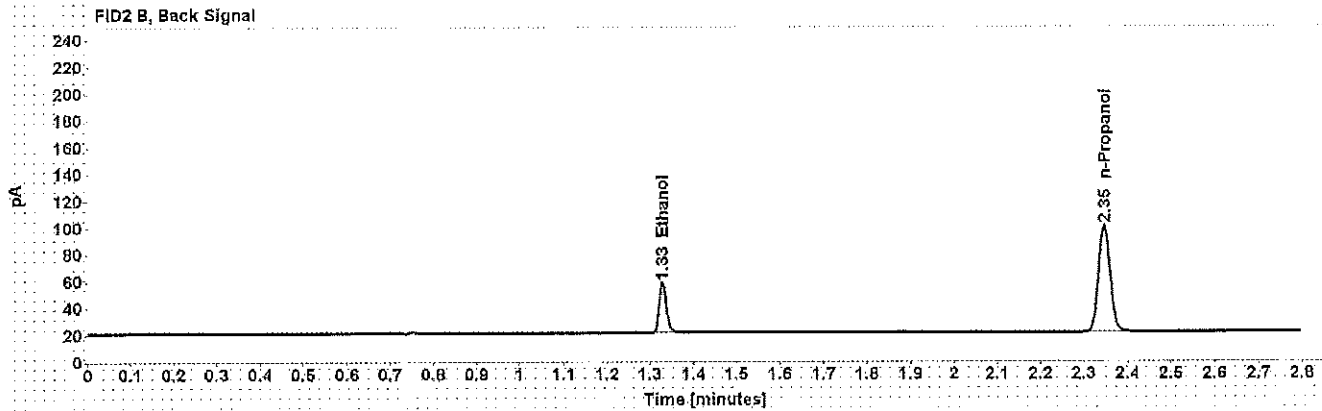
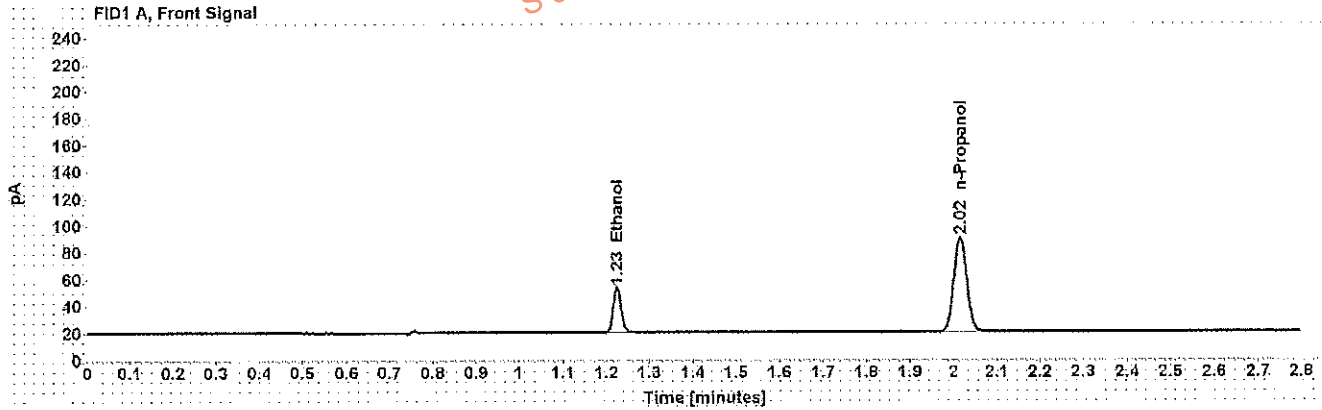


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0801	1.225	42.589
n-Propanol	-----	2.015	143.999

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

Compound	Time (min)	Peak Area
Ethanol	1.329	43.594
n-Propanol	2.346	148.263

WA

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.150 Lipomed 09022015-C
 Injection date: 2/2/2017 2:56:50 PM
 Method: ethanol quant.M
 Instrument: US14173023 CN14160045
 Data file: C:\Chem3211\Data\2Feb17\31.D

Item number:
 Vial: 31
 Sequence: 2Feb17
 Analyst: Adrian

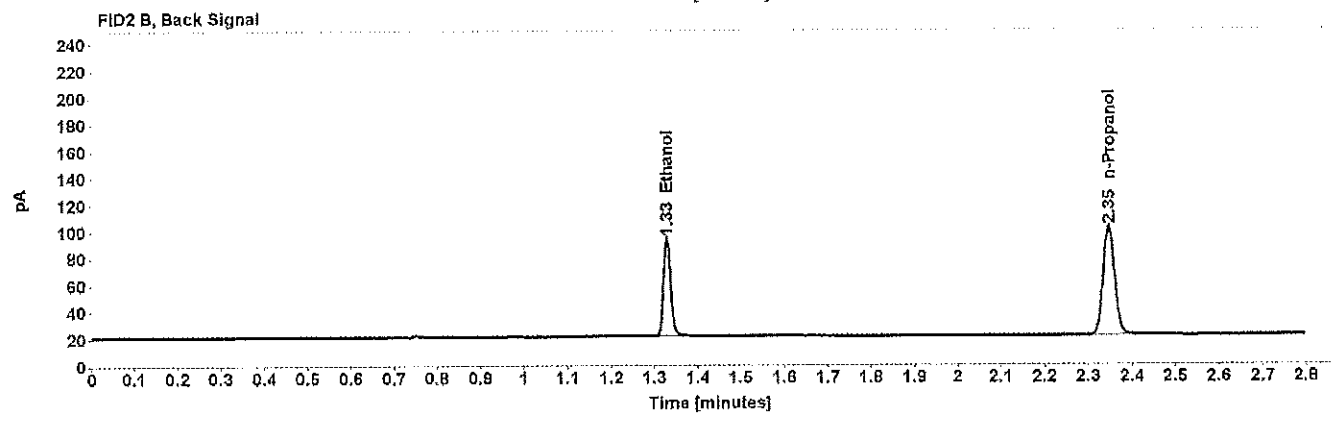
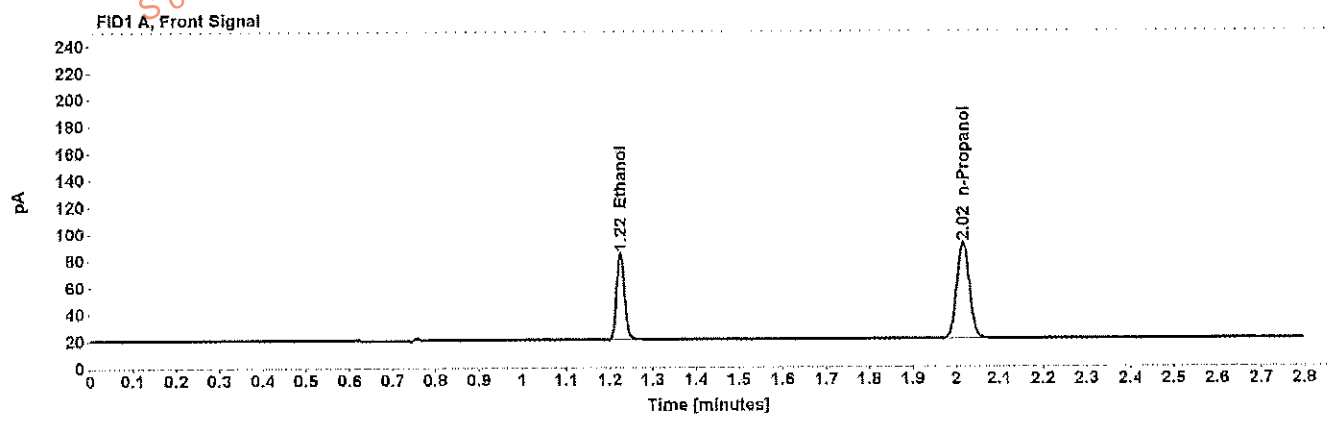


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1514	1.225	82.109
n-Propanol	-----	2.015	146.258

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

Compound	Time (min)	Peak Area
Ethanol	1.328	84.830
n-Propanol	2.346	150.629

WA

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	0.20 ACQ 402101060/6	Item number:	
Injection date:	2/2/2017 3:41:05 PM	Vial:	42
Method:	ethanol quant.M	Sequence:	2Feb17
Instrument:	US14173023_CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\2Feb17\42.D		

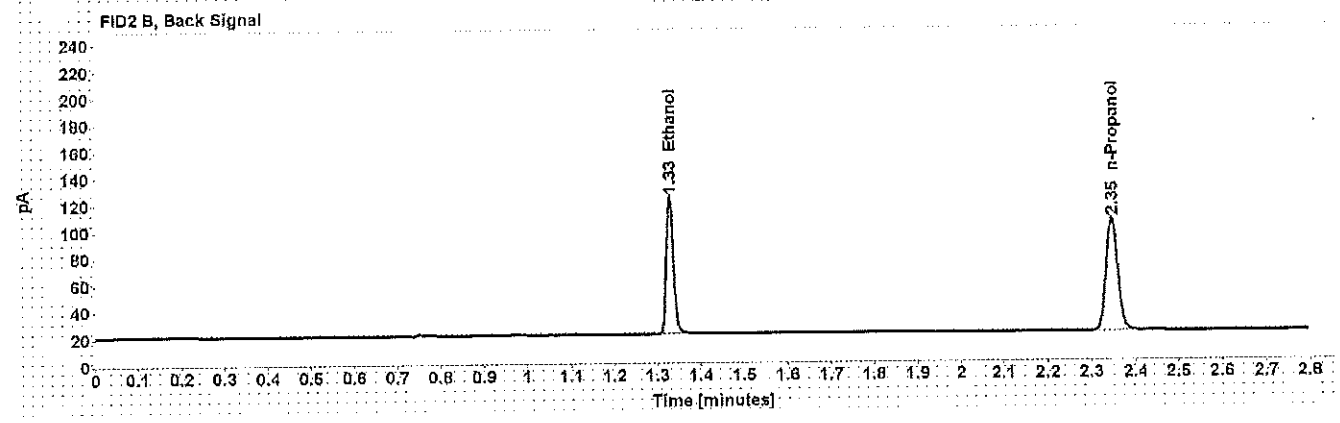
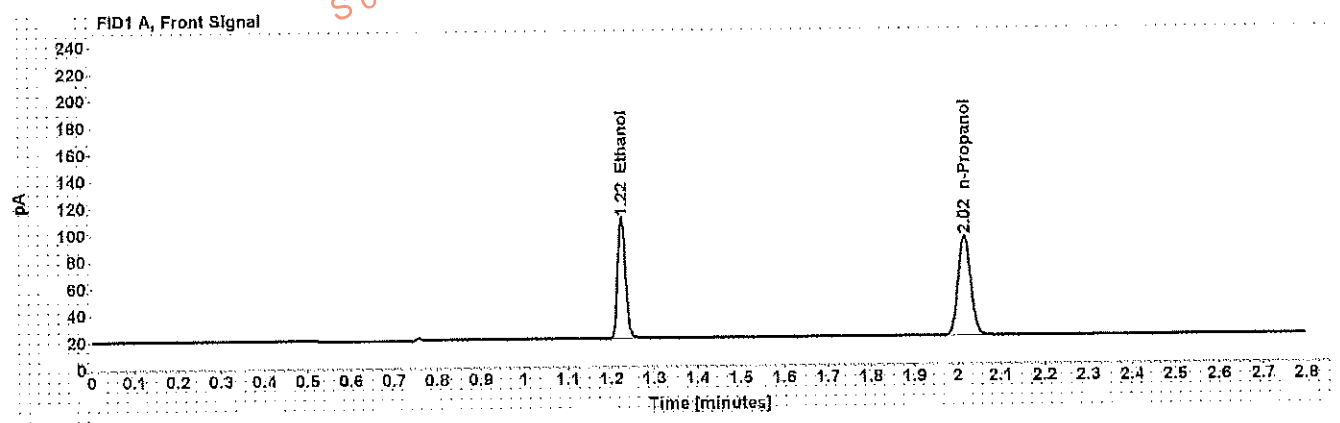


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2038	1.225	114.664
n-Propanol	-----	2.015	151.660

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

Compound	Time (min)	Peak Area
Ethanol	1.328	118.720
n-Propanol	2.346	156.456

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: 0.40 Lipomed 08012015-C	Item number:
Injection date: 2/2/2017 4:25:35 PM	Vial: 53
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\53.D	

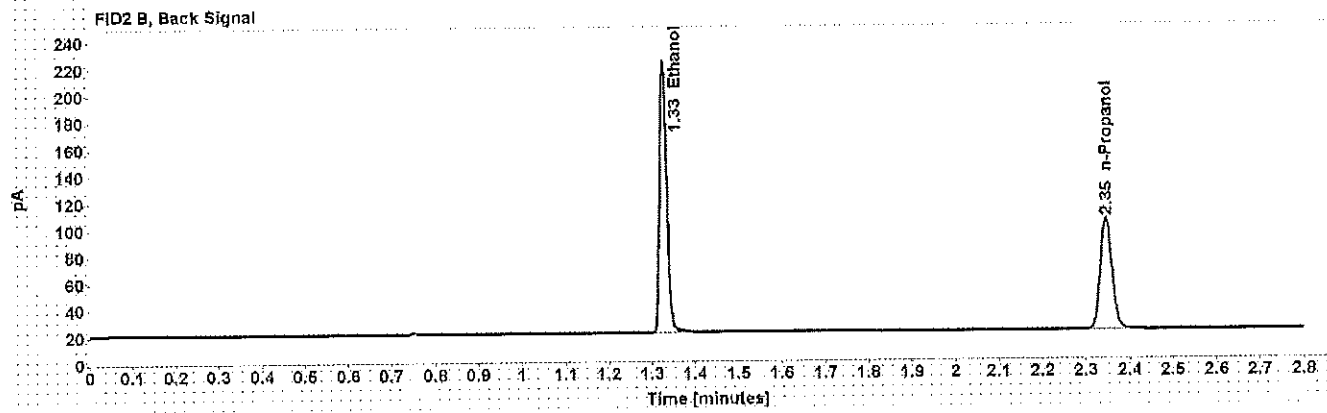
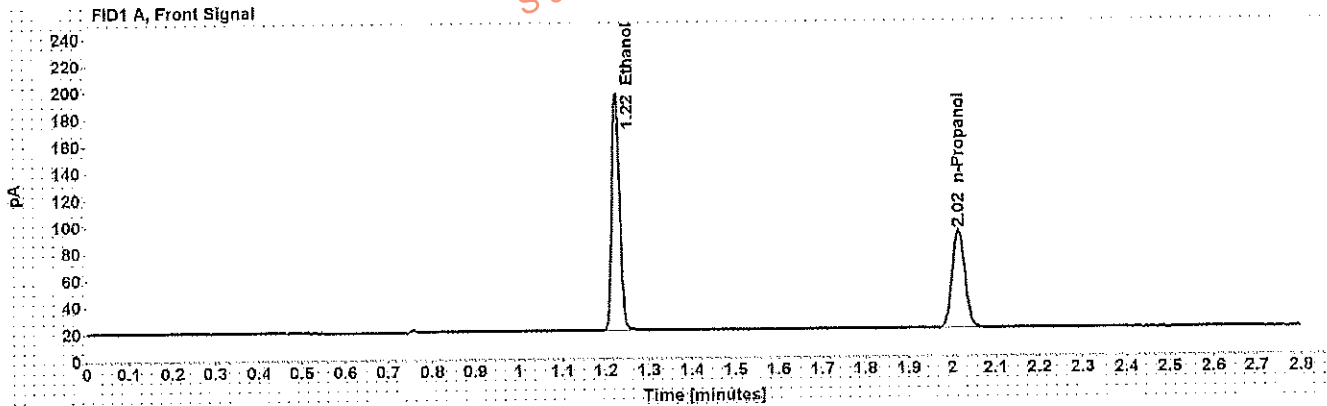


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4085	1.224	225.929
n-Propanol	-----	2.015	149.586

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

Compound	Time (min)	Peak Area
Ethanol	1.327	234.067
n-Propanol	2.346	153.926

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.04 Lipomed 09022015-A	Item number:
Injection date: 2/2/2017 4:29:35 PM	Vial: 54
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\2Feb17\54.D	

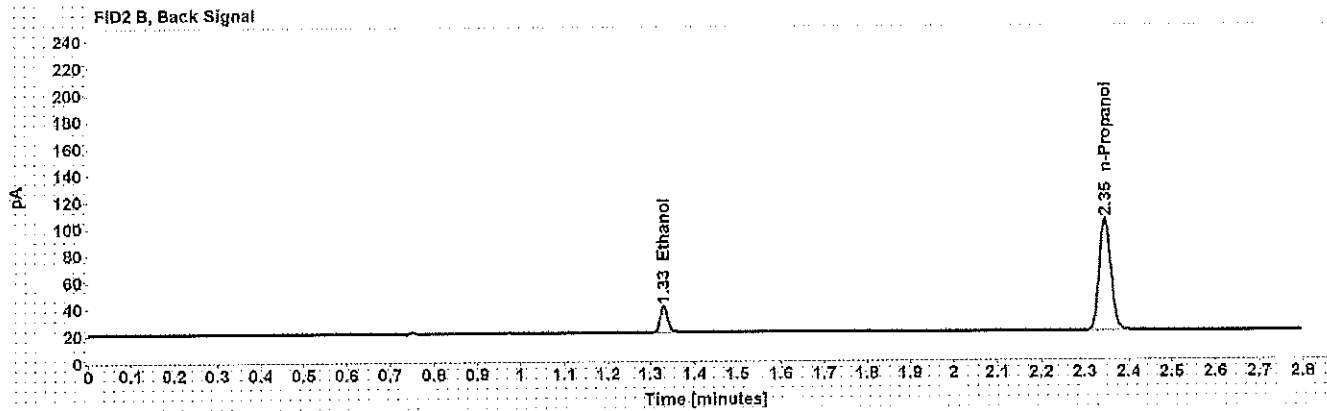
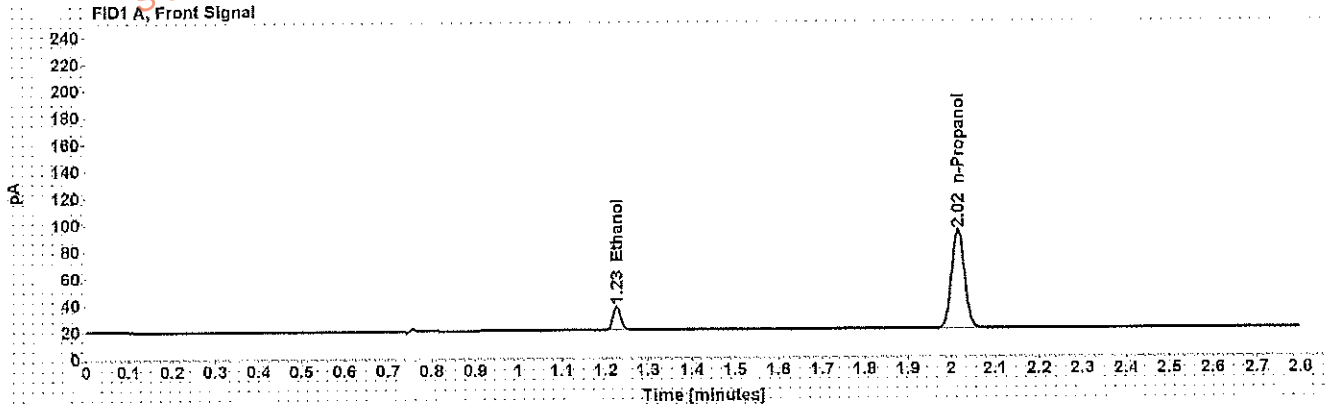


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0403	1.226	22.256
n-Propanol	-----	2.015	150.457

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

Compound	Time (min)	Peak Area
Ethanol	1.330	22.842
n-Propanol	2.346	154.938

WA

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.20 ACQ 402101060/6 Item number:
 Injection date: 2/2/2017 4:33:50 PM Vial: 55
 Method: ethanol quant.M Sequence: 2Feb17
 Instrument: US14173023 CN14160045 Analyst: Adrian
 Data file: C:\Chem3211\Data\2Feb17\55.D

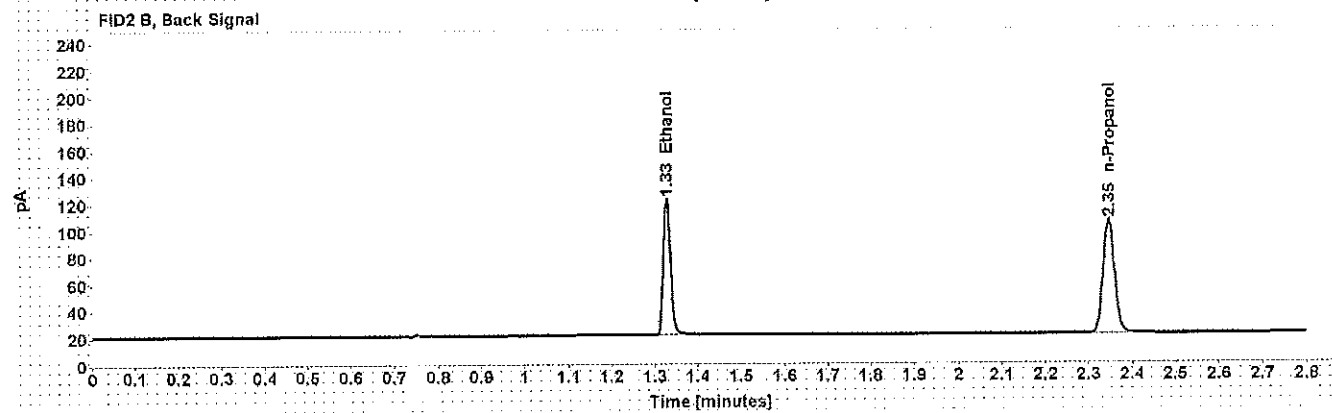
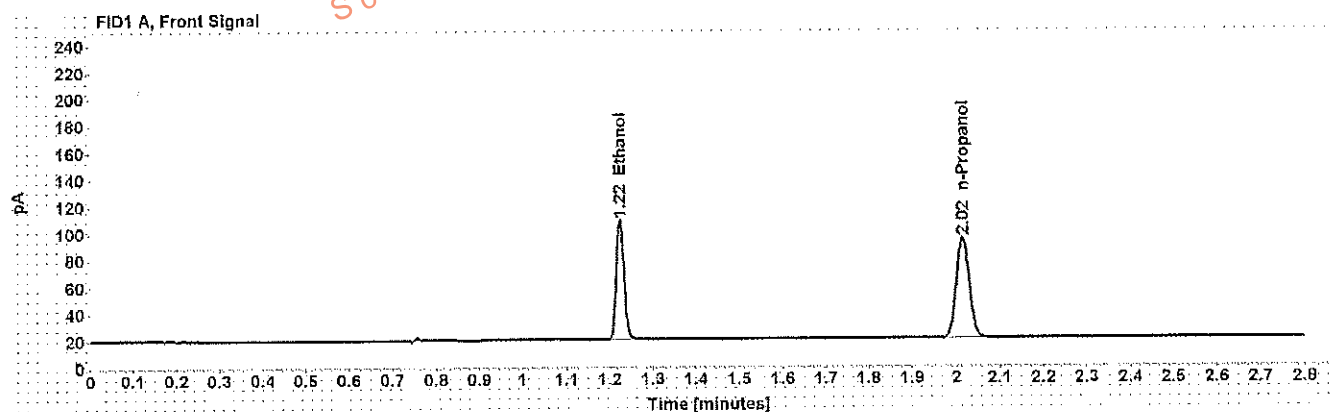


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2015	1.224	113.831
n-Propanol	-----	2.015	152.222

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

Compound	Time (min)	Peak Area
Ethanol	1.328	117.889
n-Propanol	2.346	157.059

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 012517	Item number: WA
Injection date: 2/2/2017 4:37:50 PM	Vial: 56
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\2Feb17\56.D	

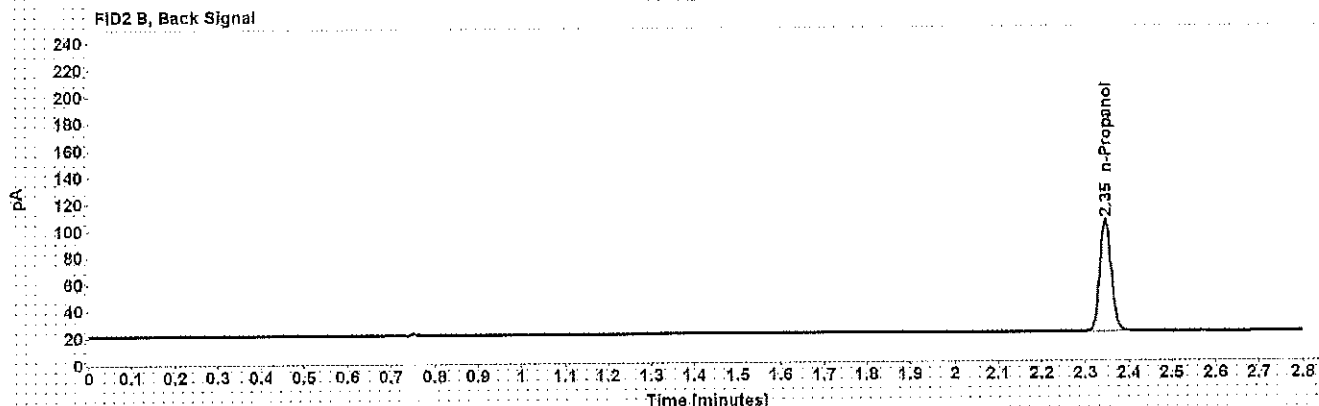
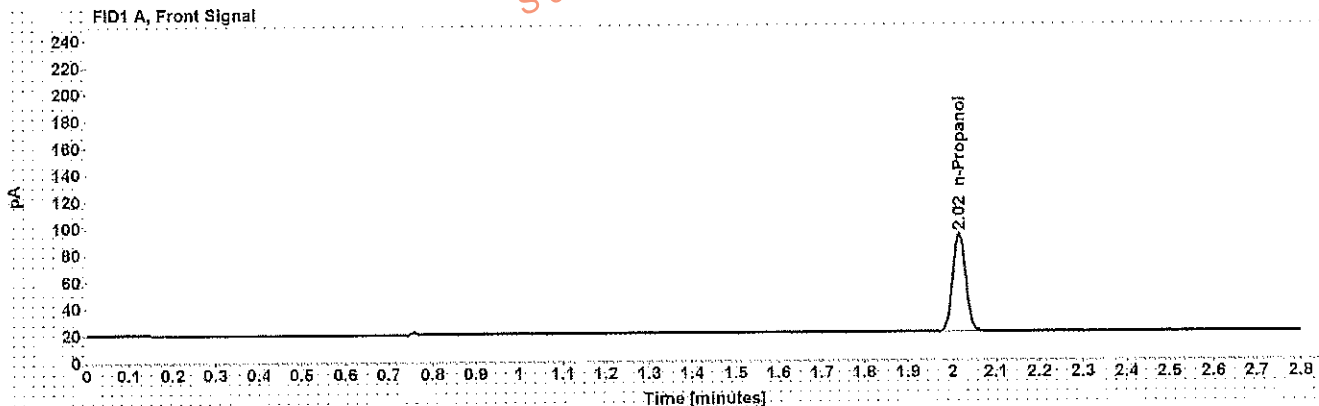


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	150.398

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

Compound	Time (min)	Peak Area
n-Propanol	2.346	155.187

Sequence Summary

Sequence name: 2Feb17 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 053116 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 402101060/6	Control		ethanol quant.M
10		Sample	1023443	ethanol quant.M
11		Sample	1023443	ethanol quant.M
12		Sample	1130836	ethanol quant.M
13		Sample	1130836	ethanol quant.M
14		Sample	1132703	ethanol quant.M
15		Sample	1132703	ethanol quant.M
16		Sample	1132714	ethanol quant.M
17		Sample	1132714	ethanol quant.M
18		Sample	1132988	ethanol quant.M
19		Sample	1132988	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21		Sample	1131778	ethanol quant.M
22		Sample	1131778	ethanol quant.M
23		Sample	1129569	ethanol quant.M
24		Sample	1129569	ethanol quant.M
25		Sample	1129382	ethanol quant.M
26		Sample	1129382	ethanol quant.M
27		Sample	1133423	ethanol quant.M
28		Sample	1133423	ethanol quant.M
29		Sample	1130960	ethanol quant.M
30		Sample	1130960	ethanol quant.M
31	0.150 Lipomed 09022015-C	Control		ethanol quant.M
32		Sample	1131175	ethanol quant.M
33		Sample	1131175	ethanol quant.M
34		Sample	1131171	ethanol quant.M
35		Sample	1131171	ethanol quant.M
36		Sample	1130735	ethanol quant.M
37		Sample	1130735	ethanol quant.M
38		Sample	1087215	ethanol quant.M
39		Sample	1087215	ethanol quant.M
40		Sample	1108485	ethanol quant.M
41		Sample	1108485	ethanol quant.M
42	0.20 ACQ 402101060/6	Control		ethanol quant.M
43		Sample	151-01A	ethanol quant.M
44		Sample	151-01A	ethanol quant.M
45		Sample	1132057	ethanol quant.M
46		Sample	1132057	ethanol quant.M
47		Sample	1132413	ethanol quant.M

WA

Sequence Summary

48		Sample	1132413	ethanol quant.M
49		Sample	1115182	ethanol quant.M
50		Sample	1115182	ethanol quant.M
51		Sample	1097596	ethanol quant.M
52		Sample	1097596	ethanol quant.M
53	0.40 Lipomed 08012015-C	Control		ethanol quant.M
54	0.04 Lipomed 09022015-A	Control		ethanol quant.M
55	0.20 ACQ 402101060/6	Control		ethanol quant.M
56	blank 012517	Control		ethanol quant.M

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SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY
SEQUENCE SUMMARY OF CASES

SEQUENCE NAME: 2Feb17

ANALYST: Adrian

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference	Absolute Difference (g/dL)*
10 11	0.2052	0.2054	0.2053	0.05	0.00010
12 13	0.3311	0.3371	0.3341	0.15	0.00050
14 15	0.3460	0.4524	0.3992	0.40	0.00140
16 17	0.0869	0.11375	0.08735	0.52	0.00045
18 19	0.1886	0.1953	0.18875	0.08	0.00015
21 22	0.1048	0.1040	0.10440	0.38	0.00040
23 24	0.1344	0.1338	0.13410	0.22	0.00030
25 26	0.1676	0.1673	0.16745	0.09	0.00015
27 28	0.1677	0.1683	0.16800	0.18	0.00030
29 30	0.0819	0.0830	0.08245	0.67	0.00055
32 33	0.2568	0.2616	0.25920	0.93	0.00240
34 35	0.0801	0.0802	0.08015	0.06	0.00005
36 37	0.1506	0.1496	0.15010	0.33	0.00050
38 39	0.0883	0.0894	0.08885	0.62	0.00055
40 41	0.0880	0.0875	0.08775	0.28	0.00025
43 44	0.0000	0.0000	0.00000	0.00	0.00000
45 46	0.2426	0.2424	0.24250	0.04	0.00010
47 48	0.0983	0.0976	0.09795	0.36	0.00035
49 50	0.2316	0.2308	0.23120	0.17	0.00040
51 52	0.1909	0.1906	0.19075	0.08	0.00015

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

Case: [REDACTED] User: wadrian 2/3/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1023443
Injection date:	2/2/2017 1:31:51 PM	Vial:	10
Method:	ethanol quant.M	Sequence:	2Feb17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\2Feb17\10.D		

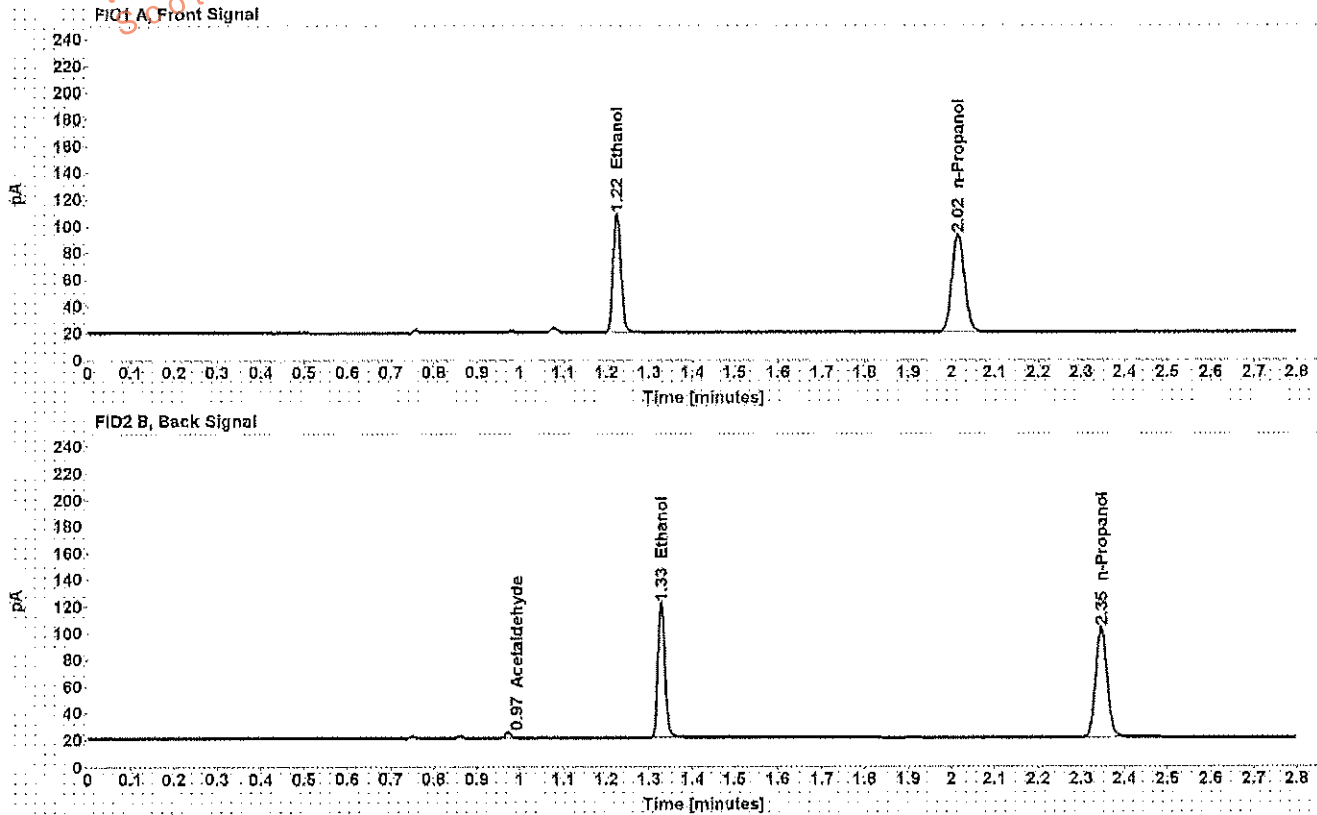


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2052	1.225	113.281
n-Propanol	-----	2.015	148.795

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.955
Ethanol	1.328	116.970
n-Propanol	2.346	153.201

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1023443
Injection date: 2/2/2017 1:35:51 PM	Vial: 11
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\2Feb17\11.D	

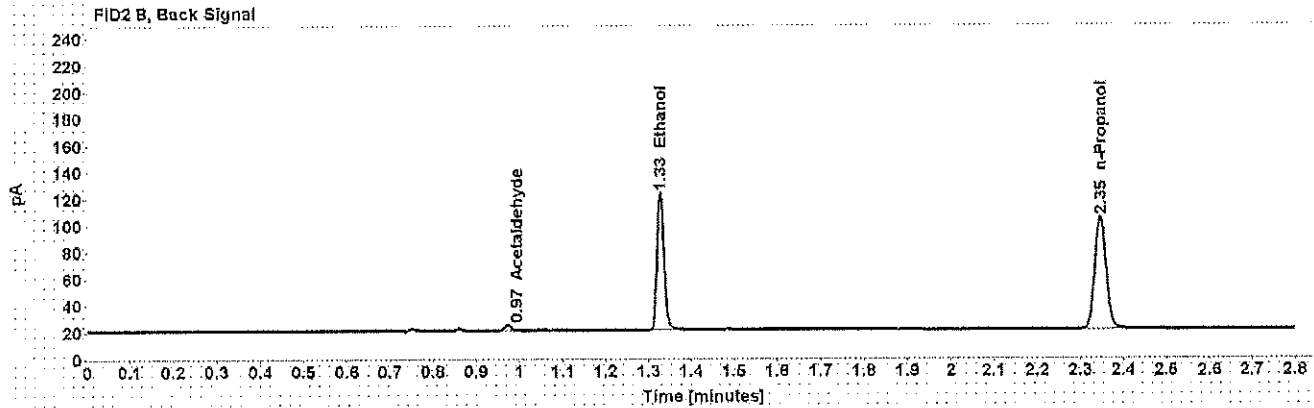
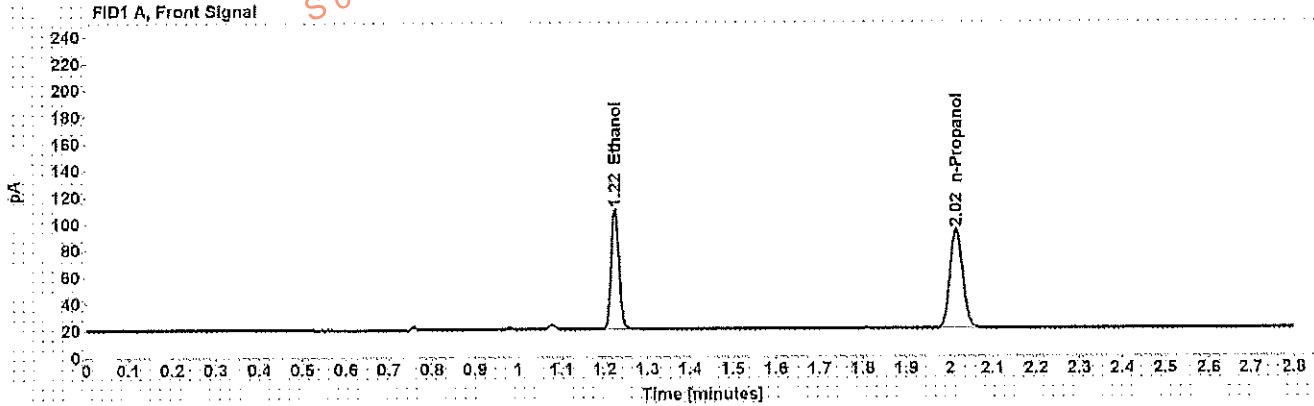


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2054	1.225	115.219
n-Propanol	-----	2.015	151.179

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.971
Ethanol	1.328	118.691
n-Propanol	2.346	155.769

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1130836
Injection date: 2/2/2017 1:39:50 PM	Vial: 12
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\2Feb17\12.D	

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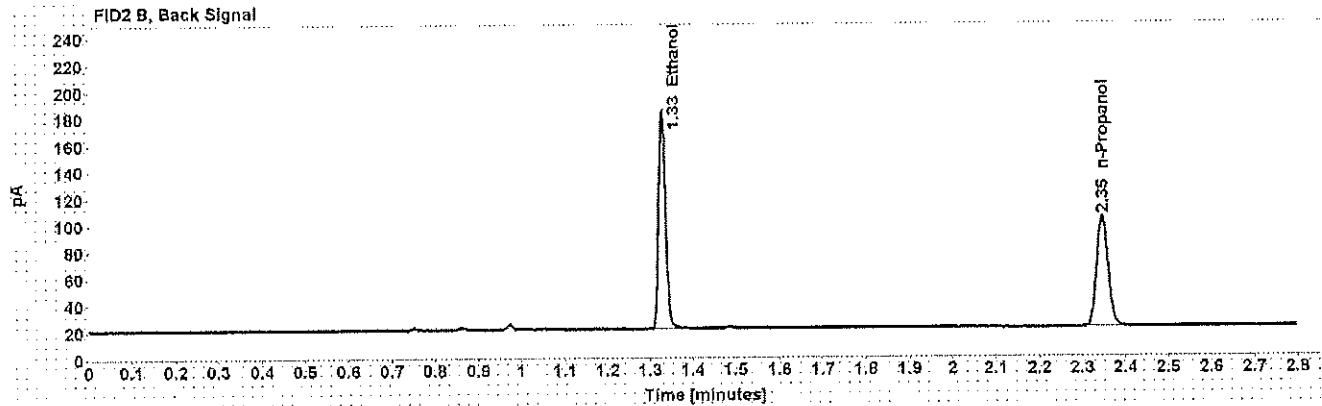
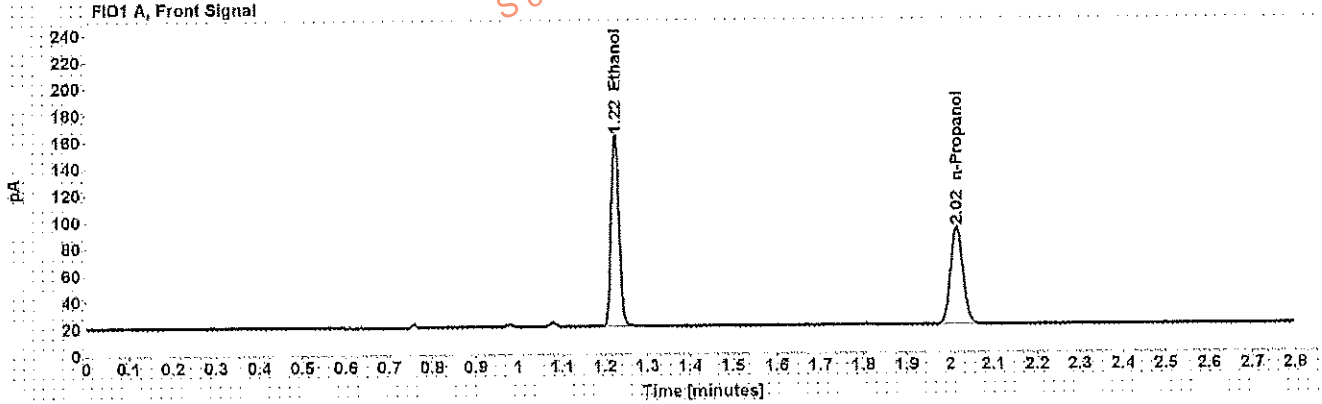


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3311	1.224	182.588
n-Propanol	-----	2.015	148.457

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

Compound	Time (min)	Peak Area
Ethanol	1.328	189.562
n-Propanol	2.346	152.824

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1130836
Injection date: 2/2/2017 1:44:05 PM	Vial: 13
Method: ethanol.quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\13.D	

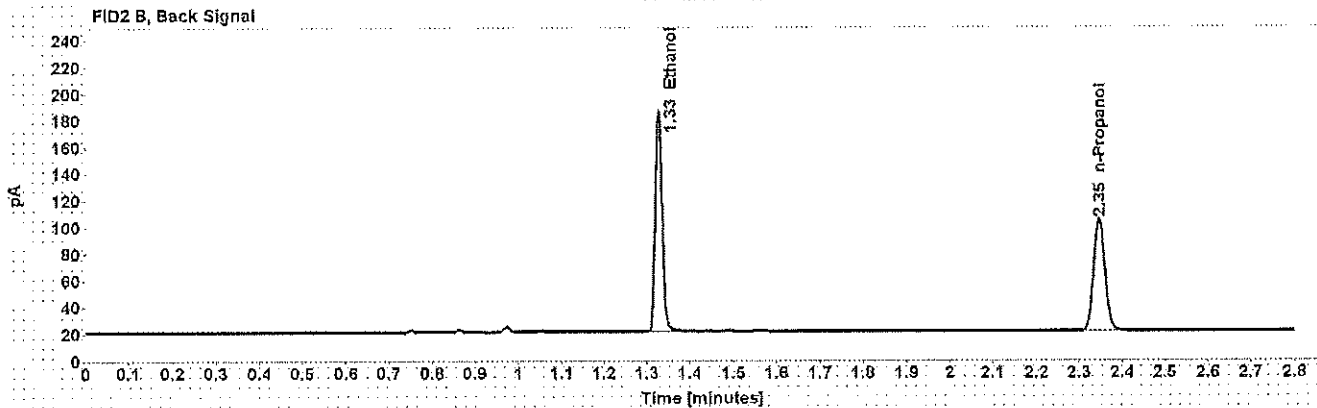
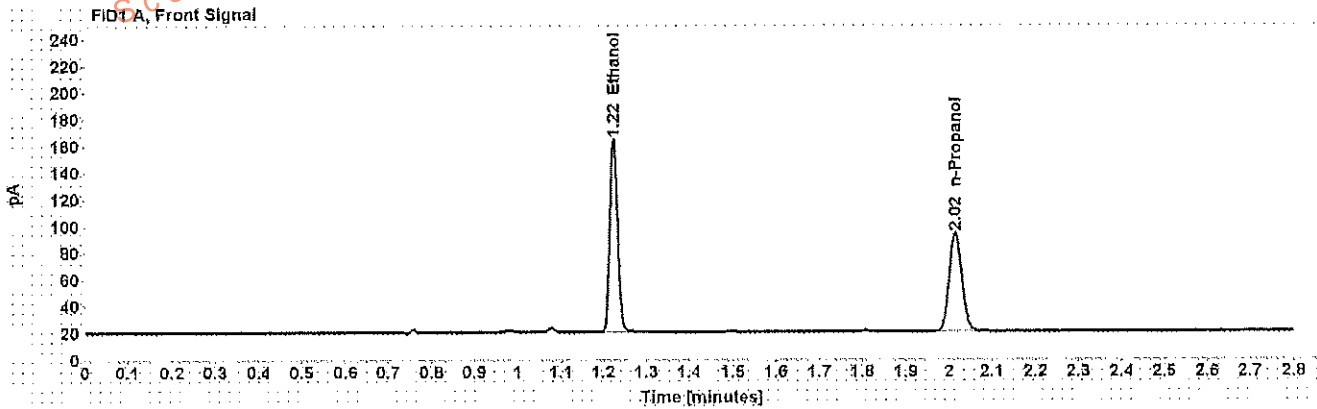


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3301	1.224	184.409
n-Propanol	-----	2.015	150.396

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

Compound	Time (min)	Peak Area
Ethanol	1.327	190.722
n-Propanol	2.346	154.822

Case: [REDACTED] User: wadrian 2/3/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	[REDACTED]	Item number:	1132703
Injection date:	2/2/2017 1:48:05 PM	Vial:	14
Method:	ethanol quant M	Sequence:	2Feb17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\2Feb17\14.D		

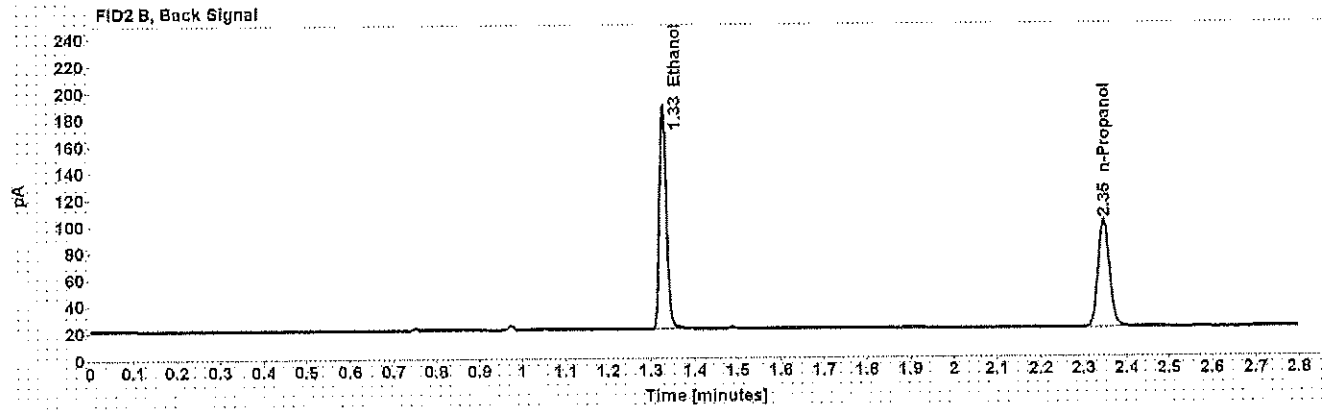
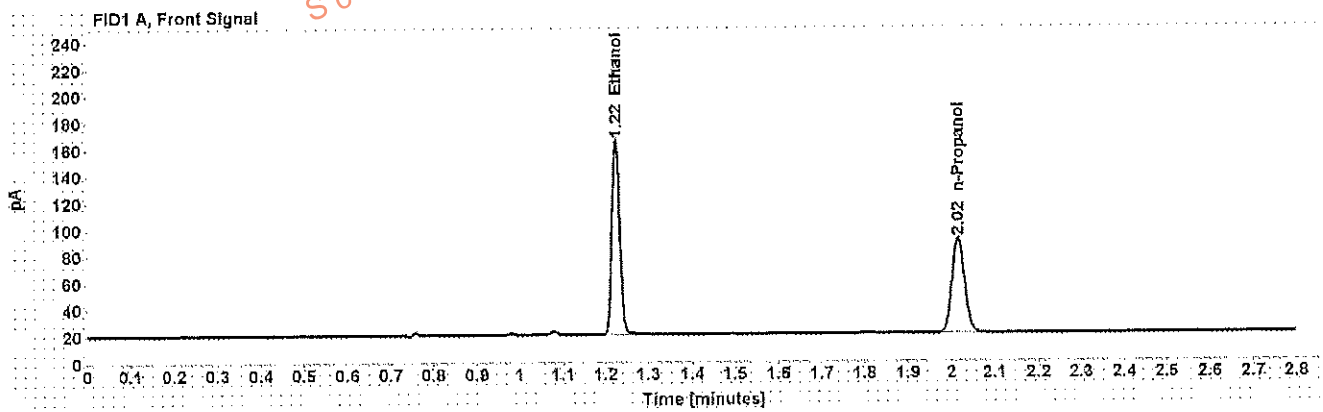


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3460	1.224	186.178
n-Propanol	-----	2.016	144.854

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

Compound	Time (min)	Peak Area
Ethanol	1.328	193.391
n-Propanol	2.346	149.169

Case: [REDACTED]

User: wadrian 2/3/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1132703
Injection date: 2/2/2017 1:52:06 PM Vial: 15
Method: ethanol quant.M Sequence: 2Feb17
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\15.D

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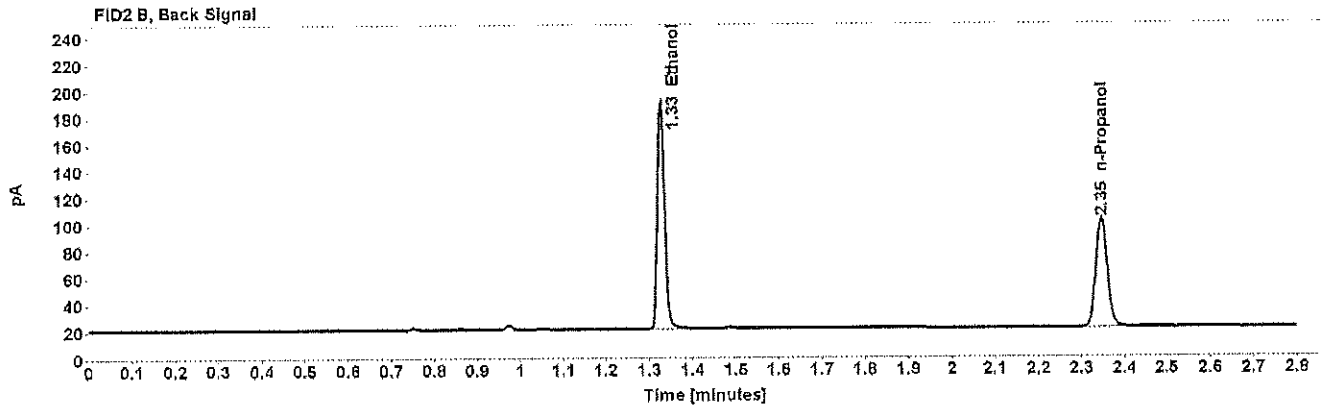
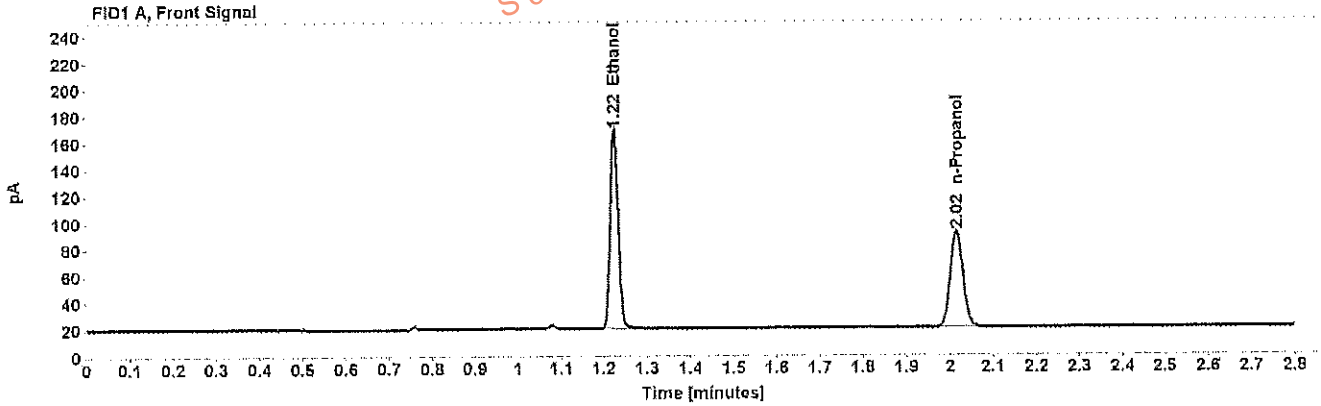


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3488	1.224	190.262
n-Propanol	-----	2.016	146.823

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

Compound	Time (min)	Peak Area
Ethanol	1.328	197.521
n-Propanol	2.347	151.287

Case: [REDACTED] User: wadrian 2/3/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1132714
Injection date: 2/2/2017 1:56:05 PM Vial: 16
Method: ethanol quant.M Sequence: 2Feb17
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\16.D

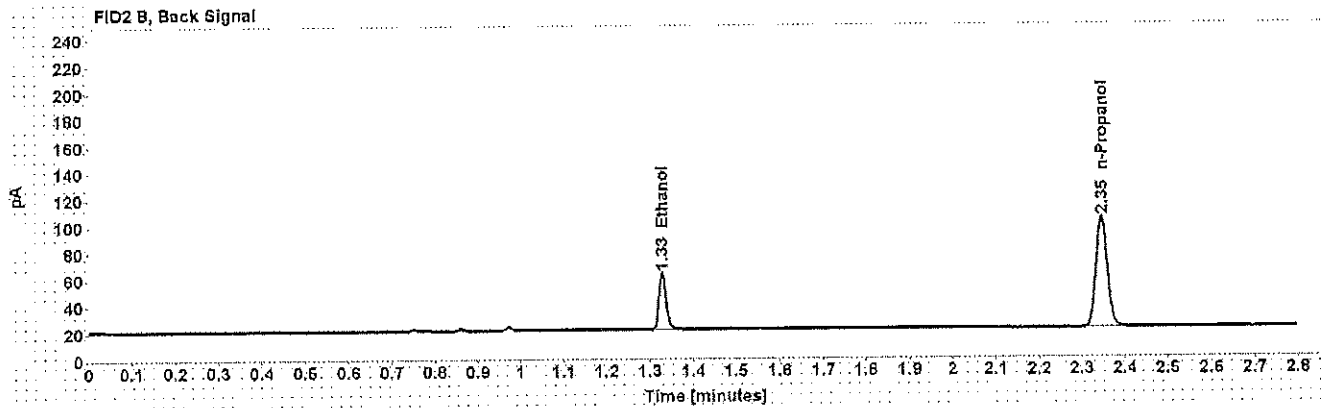
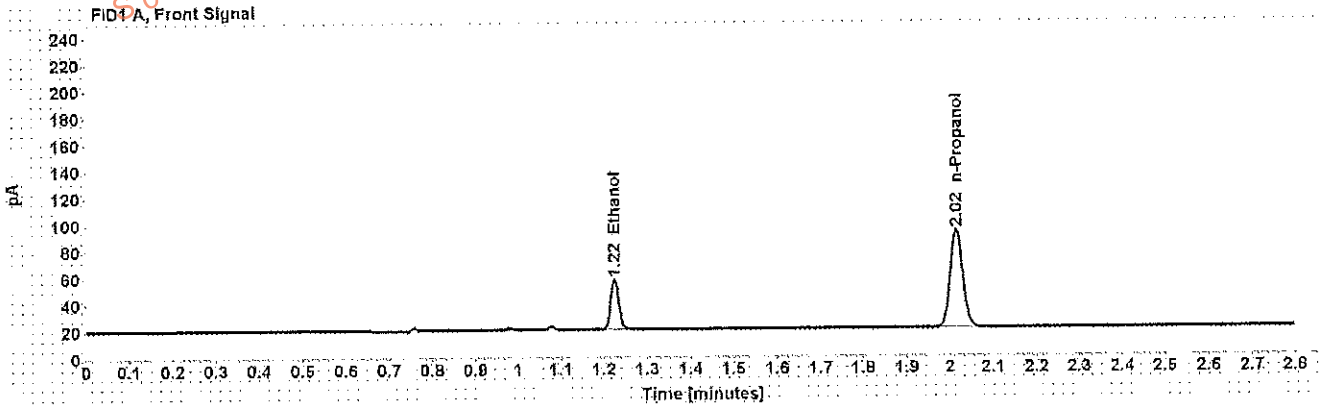


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0869	1.225	47.822
n-Propanol	-----	2.015	148.879

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

Compound	Time (min)	Peak Area
Ethanol	1.328	49.065
n-Propanol	2.348	153.462

Case: [REDACTED] User: wadrian 2/3/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1132714
Injection date: 2/2/2017 2:00:05 PM Vial: 17
Method: ethanol quant M Sequence: 2Feb17
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem32\11\Data\2Feb17\17.D

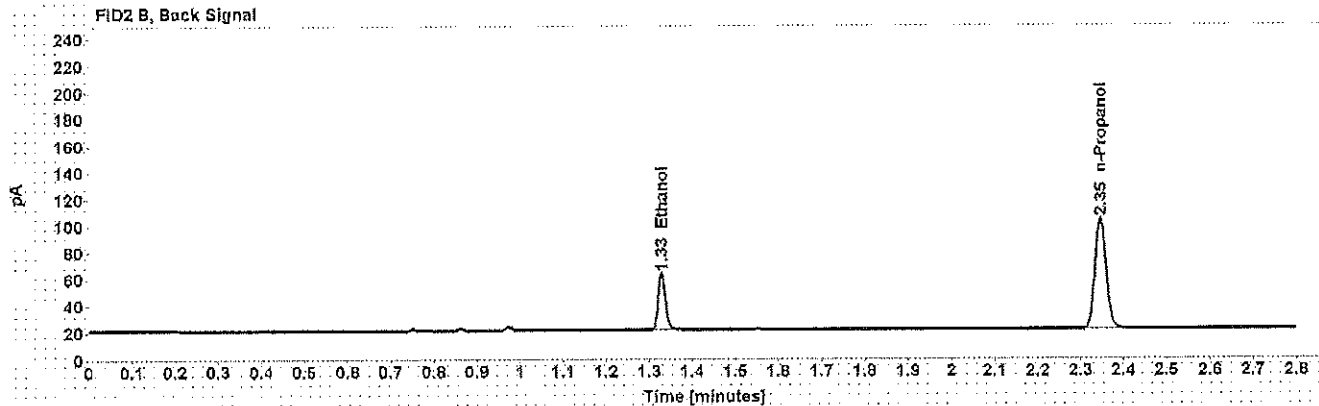
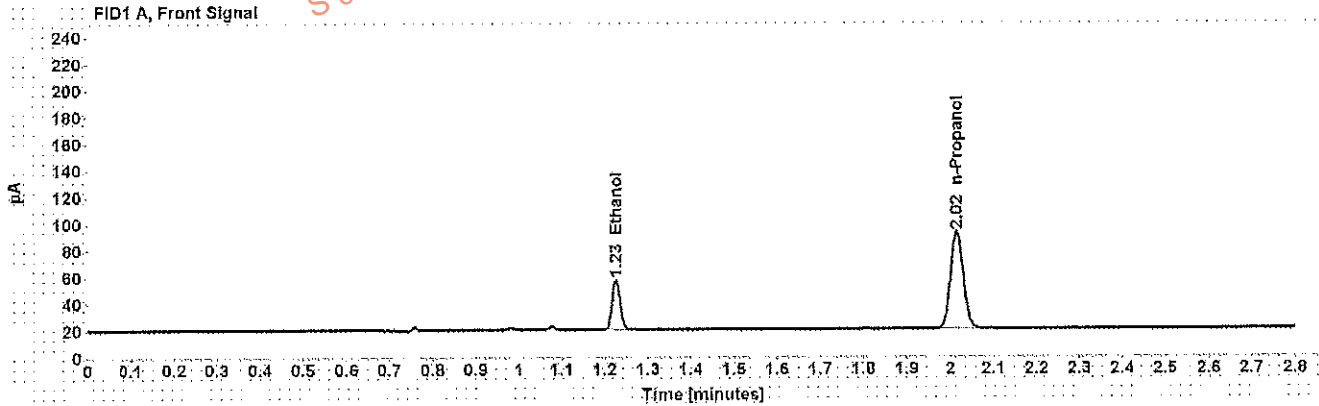


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0878	1.225	48.256
n-Propanol	-----	2.015	148.642

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

Compound	Time (min)	Peak Area
Ethanol	1.329	49.475
n-Propanol	2.346	153.052

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1132988
Injection date: 2/2/2017 2:04:05 PM	Vial: 18
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\18.D	

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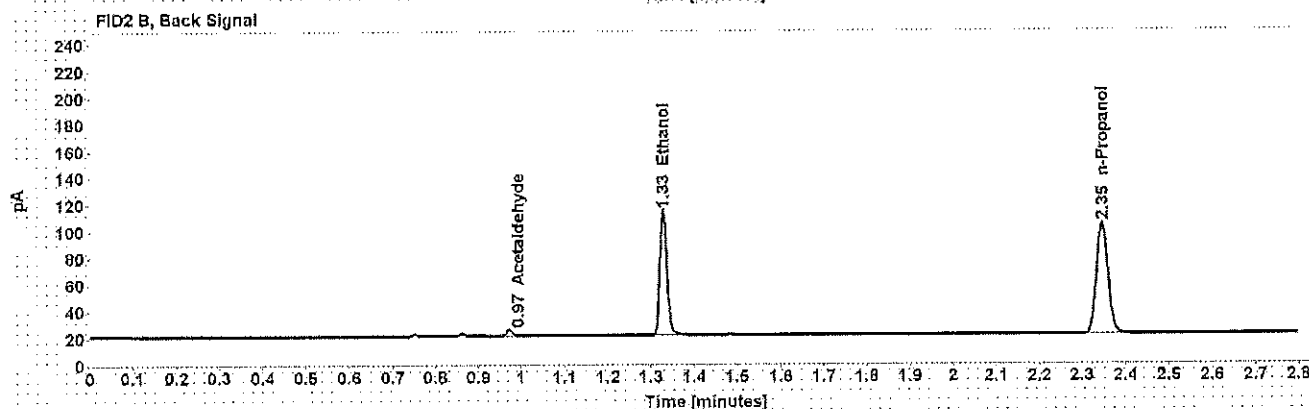
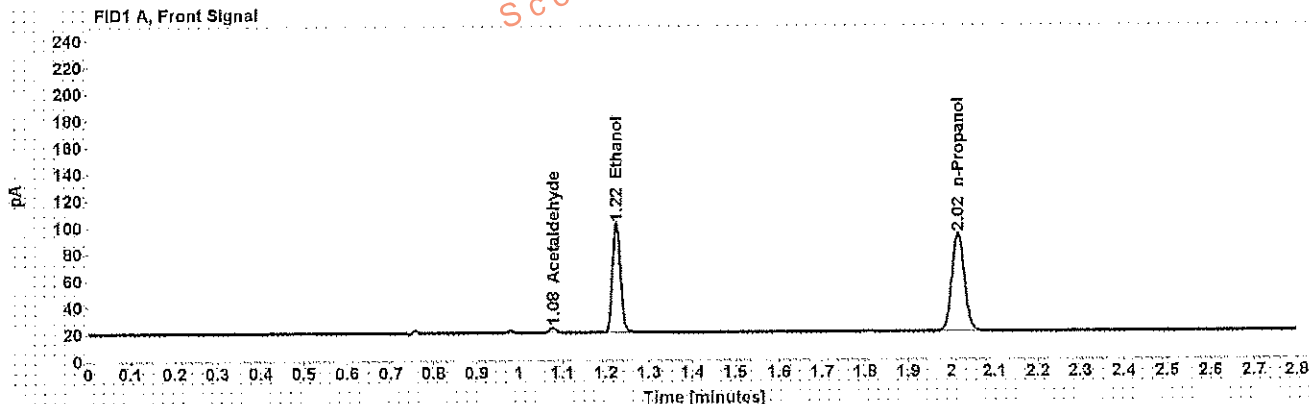


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.026
>Ethanol	0.1886	1.225	104.481
n-Propanol	-----	2.015	149.311

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.339
Ethanol	1.328	108.032
n-Propanol	2.346	153.869

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1132988
Injection date: 2/2/2017 2:08:20 PM	Vial: 19
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\2Feb17\19.D	

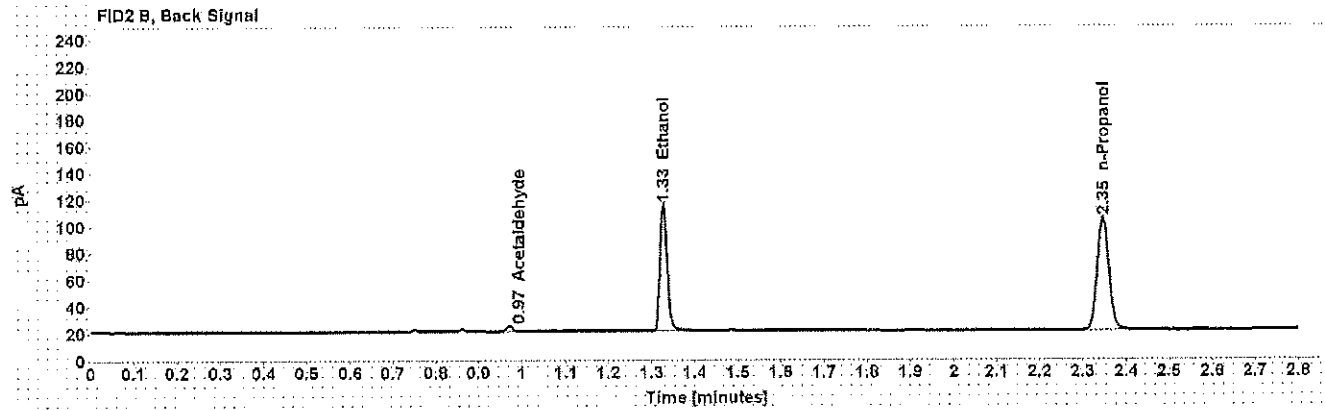
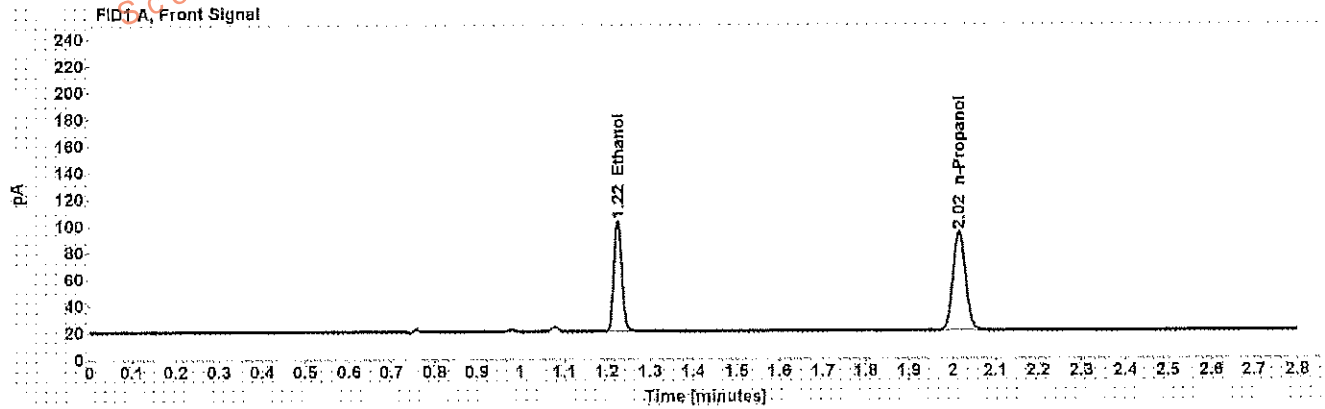


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1889	1.225	106.183
n-Propanol	-----	2.015	151.495

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.963
Ethanol	1.328	109.569
n-Propanol	2.346	156.187

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1131778
Injection date: 2/2/2017 2:16:20 PM	Vial: 21
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\2Feb17\21.D	

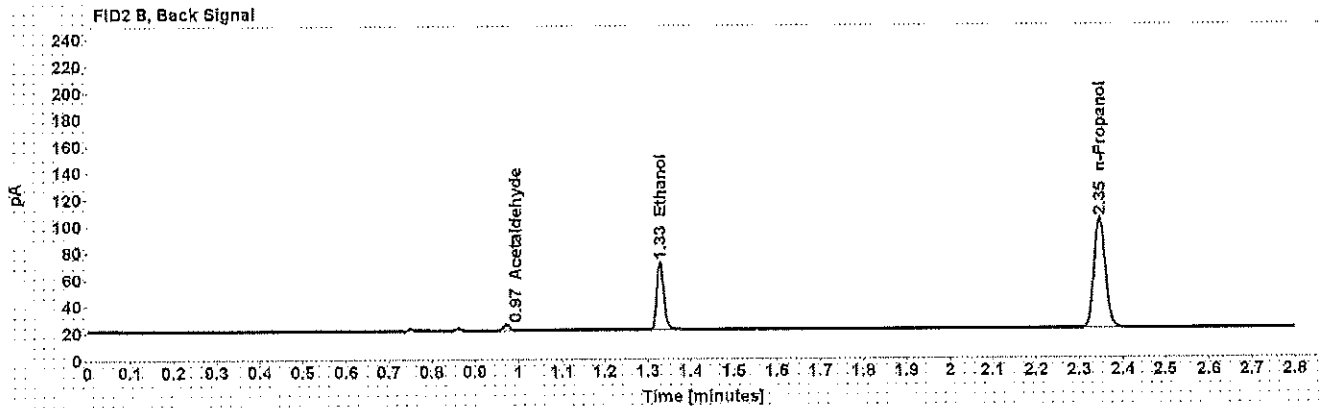
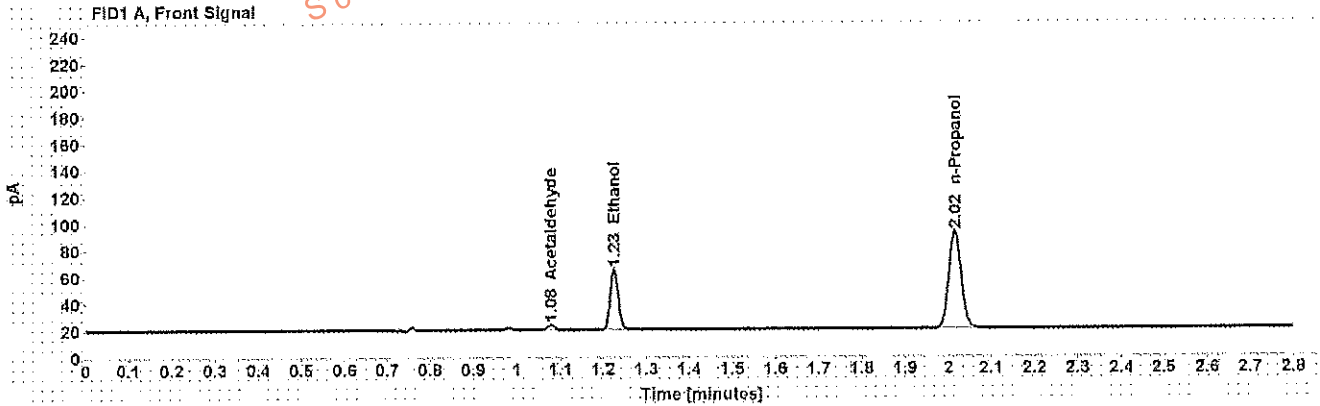


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.013
>Ethanol	0.1048	1.225	57.647
n-Propanol	-----	2.016	148.580

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.296
Ethanol	1.329	59.213
n-Propanol	2.347	153.250

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1131778
Injection date: 2/2/2017 2:20:21 PM	Vial: 22
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\22.D	

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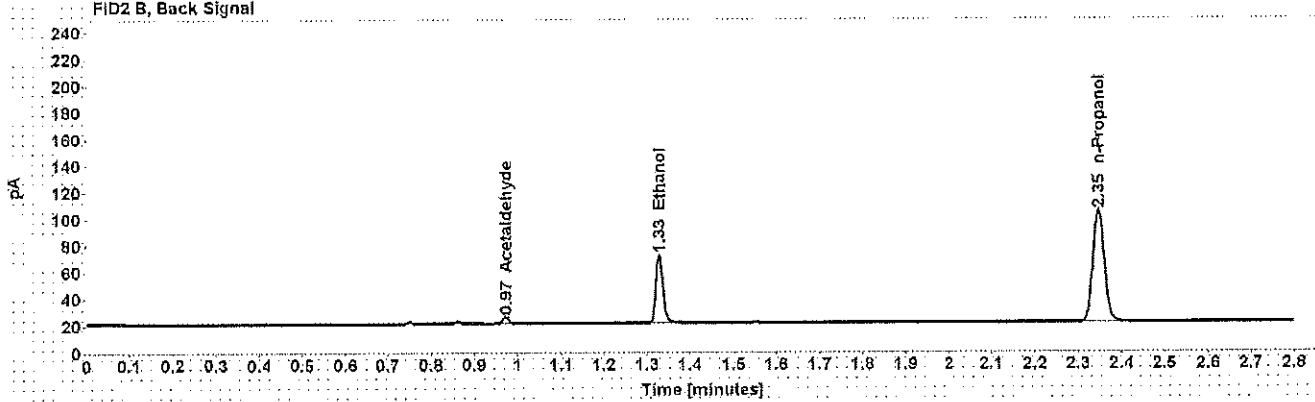
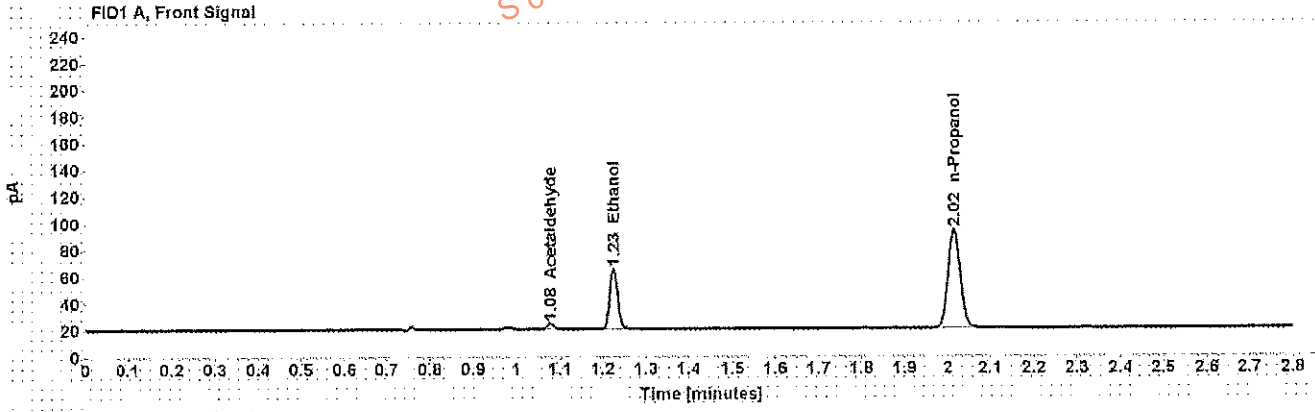


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.249
>Ethanol	0.1040	1.225	57.855
n-Propanol	-----	2.016	150.373

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.556
Ethanol	1.329	59.501
n-Propanol	2.347	155.051

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1129569
Injection date: 2/2/2017 2:24:21 PM	Vial: 23
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
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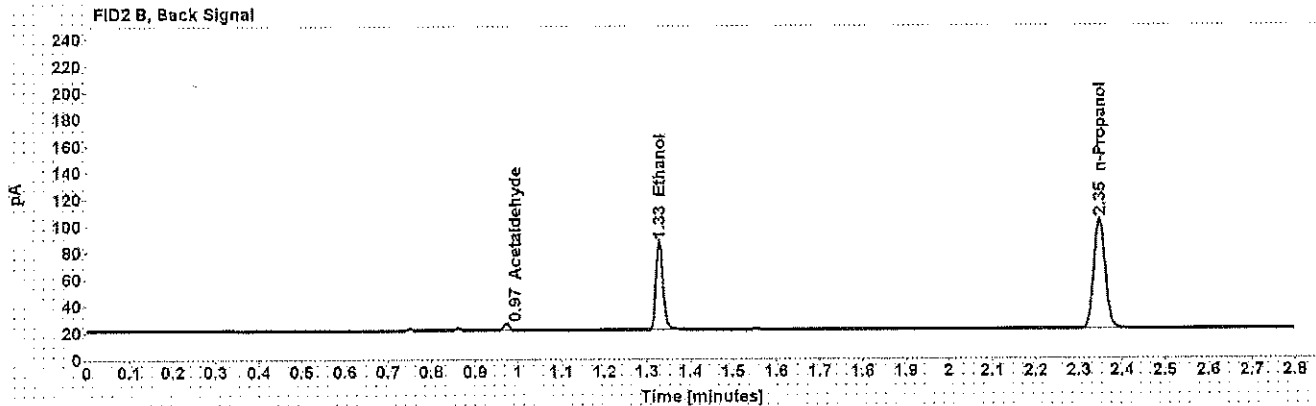
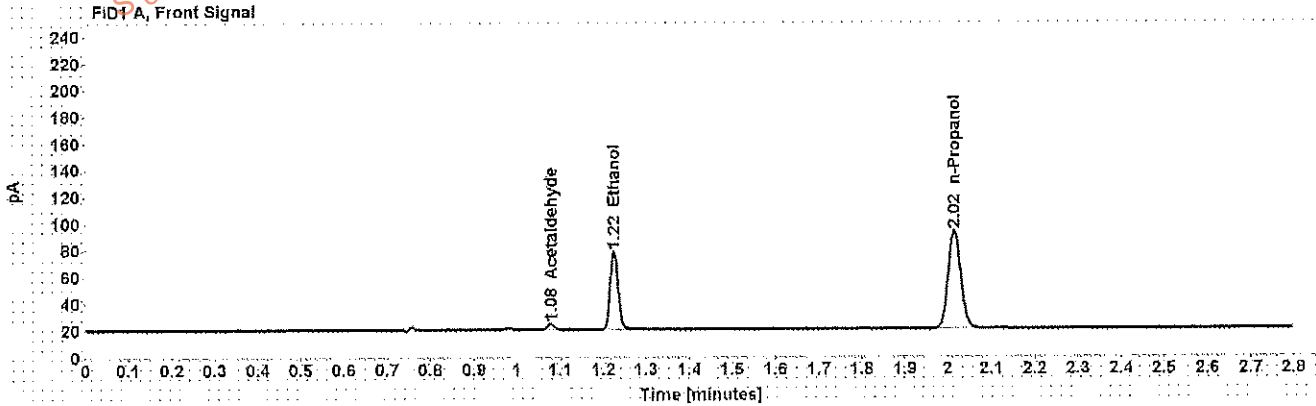


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.402
>Ethanol	0.1344	1.225	74.162
n-Propanol	-----	2.016	148.930

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.702
Ethanol	1.328	76.204
n-Propanol	2.347	153.560

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1129569
Injection date: 2/2/2017 2:28:21 PM	Vial: 24
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14360045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\24.D	

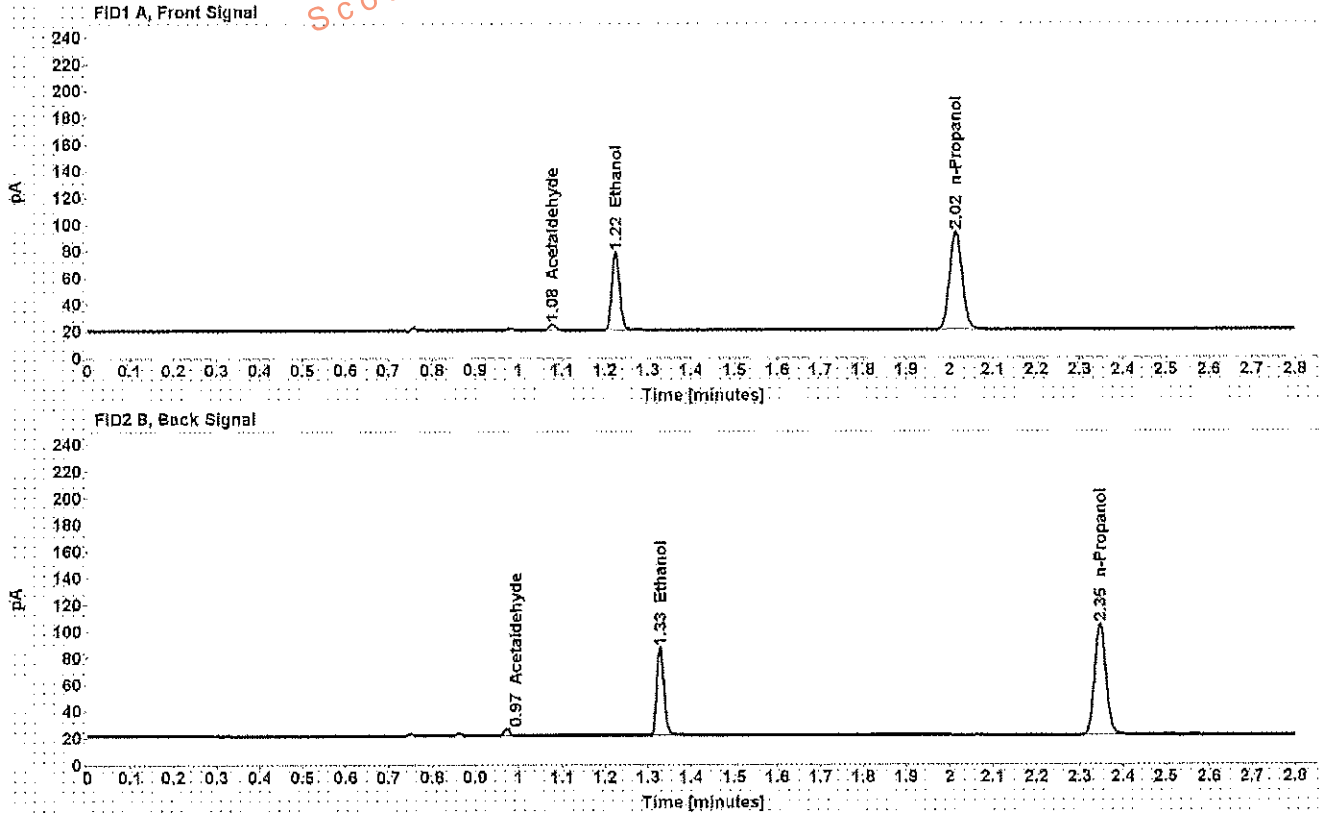


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.386
>Ethanol	0.1338	1.225	74.141
n-Propanol	-----	2.015	149.560

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.684
Ethanol	1.328	76.303
n-Propanol	2.346	154.199

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1129382
Injection date: 2/2/2017 2:32:35 PM	Vial: 25
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\2Feb17\25.D	

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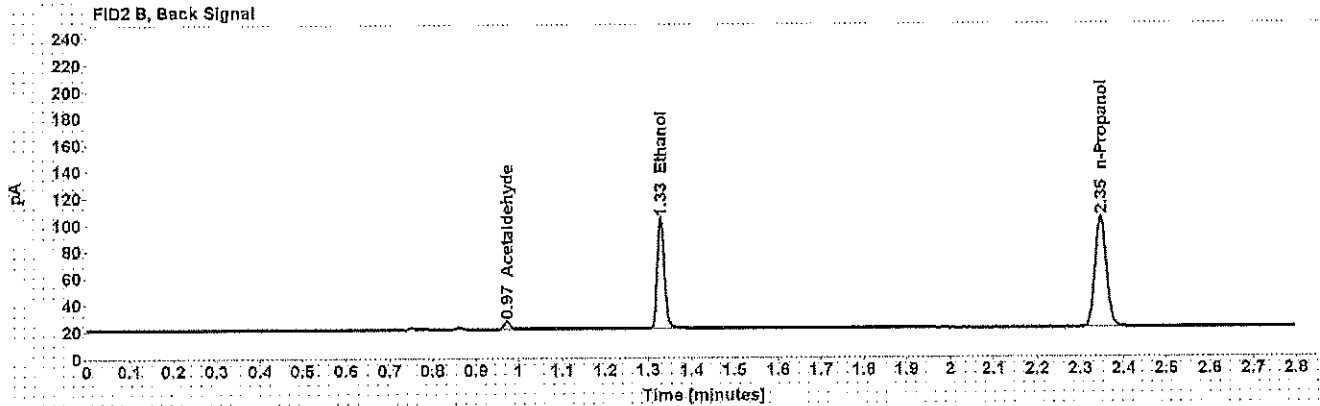
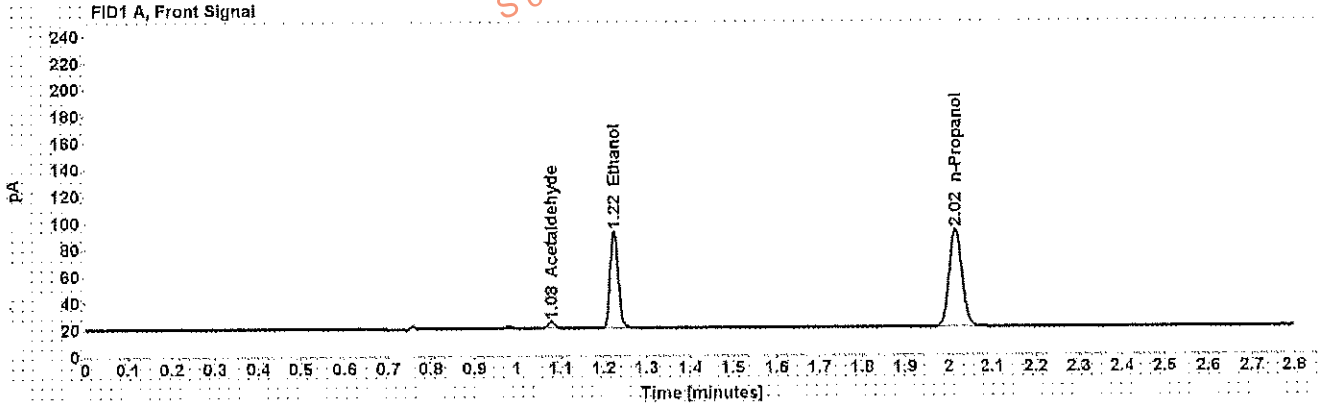


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.155
>Ethanol	0.1676	1.225	92.557
n-Propanol	-----	2.015	148.902

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.528
Ethanol	1.328	95.597
n-Propanol	2.346	153.542

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1129382
Injection date: 2/2/2017 2:36:36 PM	Vial: 26
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\2Feb17\26.D	

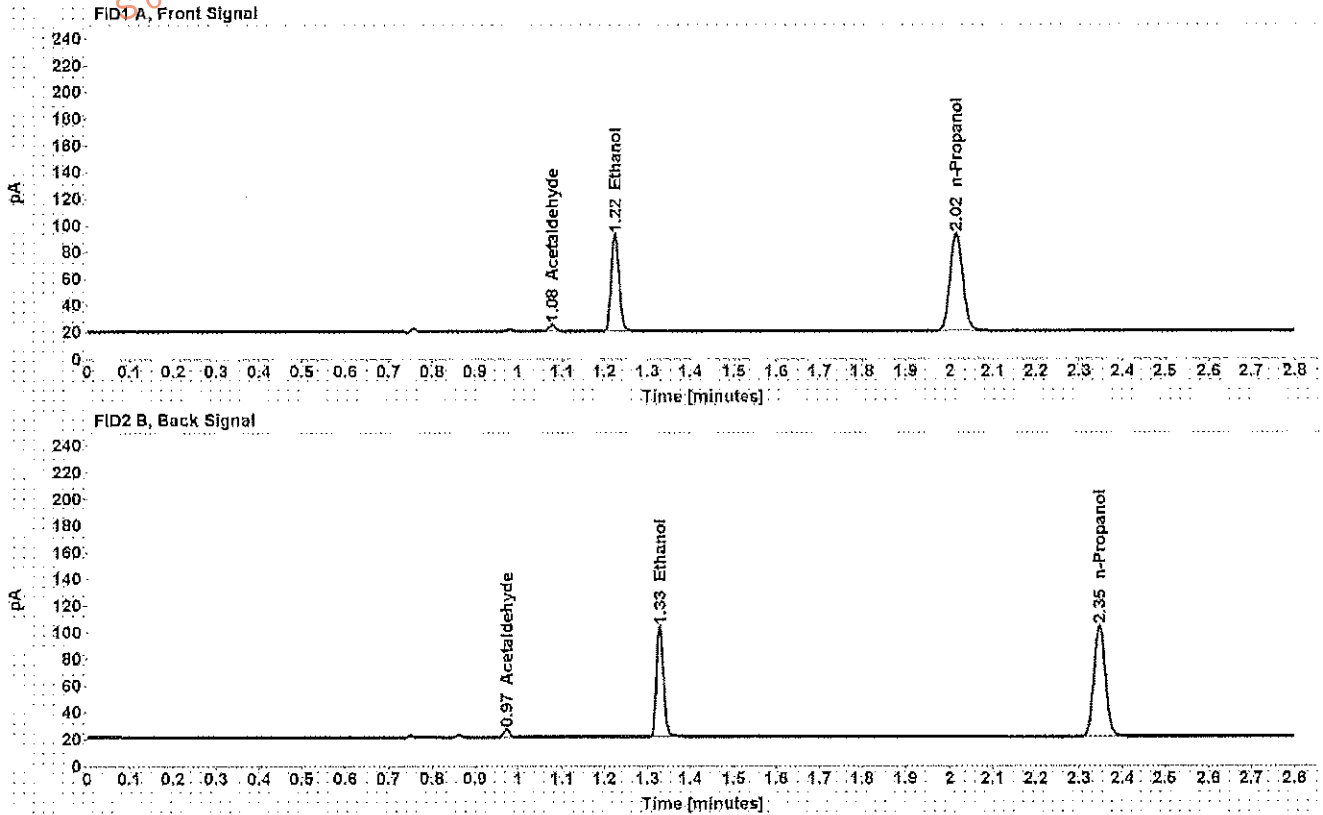


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.148
>Ethanol	0.1673	1.225	92.705
n-Propanol	-----	2.015	149.388

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.495
Ethanol	1.328	95.641
n-Propanol	2.346	154.169

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1133423
Injection date: 2/2/2017 2:40:36 PM	Vial: 27
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\2Feb17\27.D	

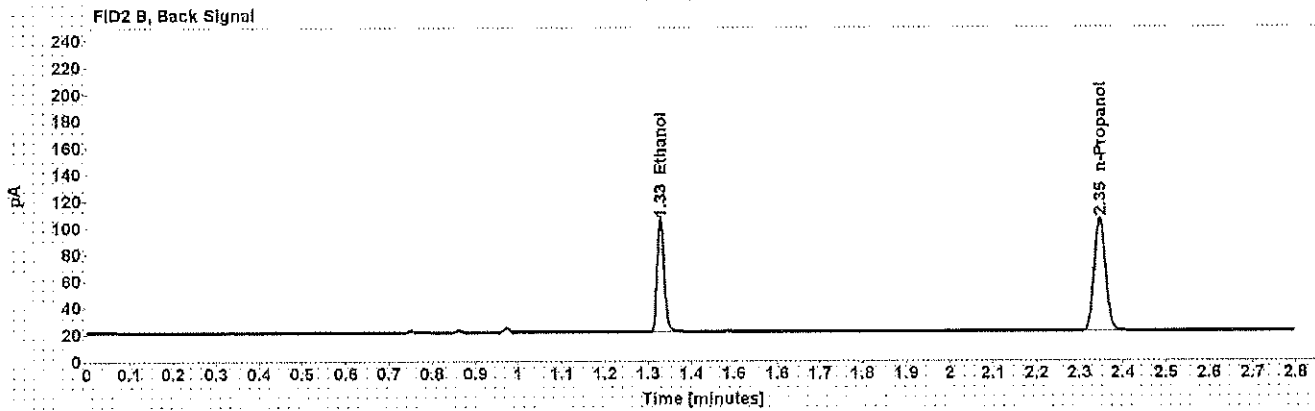
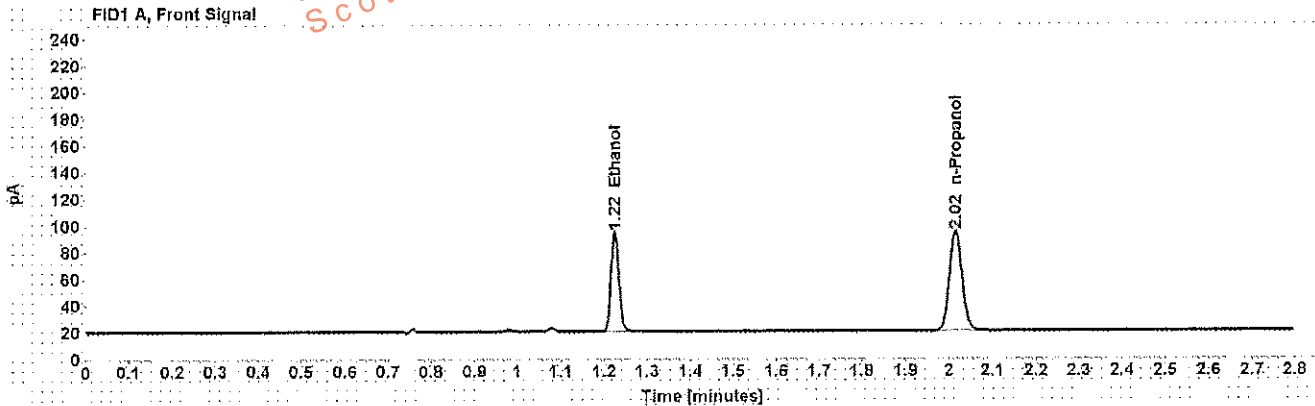


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1677	1.225	94.648
n-Propanol	-----	2.016	152.164

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

Compound	Time (min)	Peak Area
Ethanol	1.328	97.753
n-Propanol	2.347	156.818

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1133423
Injection date: 2/2/2017 2:44:36 PM	Vial: 28
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\28.D	

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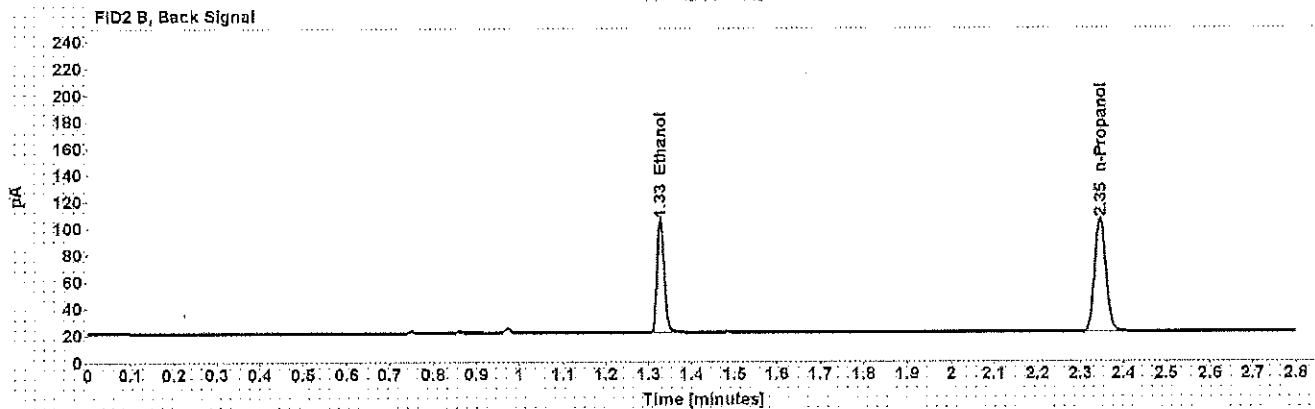
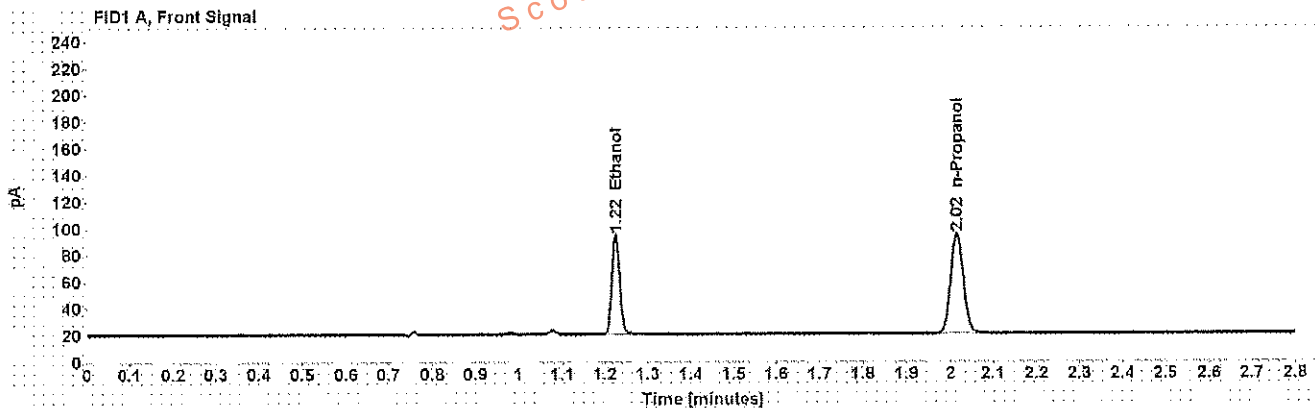


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1683	1.225	94.843
n-Propanol	-----	2.015	151.942

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

Compound	Time (min)	Peak Area
Ethanol	1.328	97.883
n-Propanol	2.346	156.631

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1130960
Injection date: 2/2/2017 2:48:36 PM	Vial: 29
Method: ethanol quant M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\2Feb17\29.D	

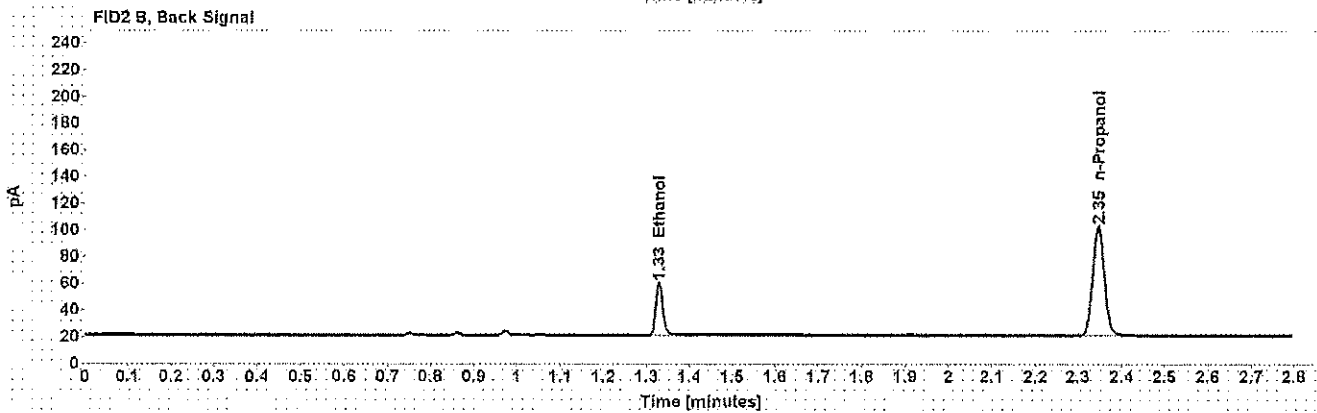
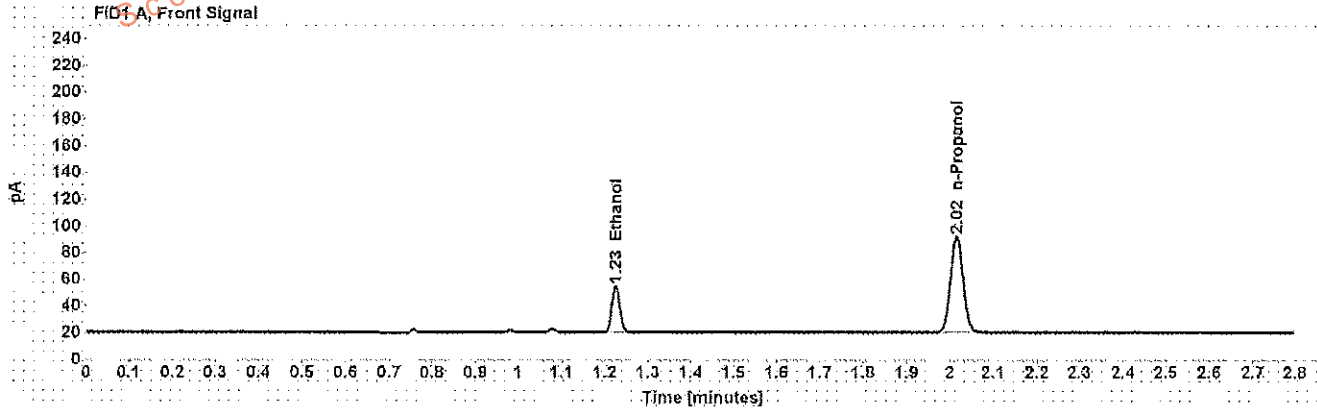


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0819	1.225	44.636
n-Propanol	-----	2.015	147.462

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

Compound	Time (min)	Peak Area
Ethanol	1.329	45.799
n-Propanol	2.346	151.946

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1130960
Injection date:	2/2/2017 2:52:37 PM	Vial:	30
Method:	ethanol quant.M	Sequence:	2Feb17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\2Feb17\30.D		

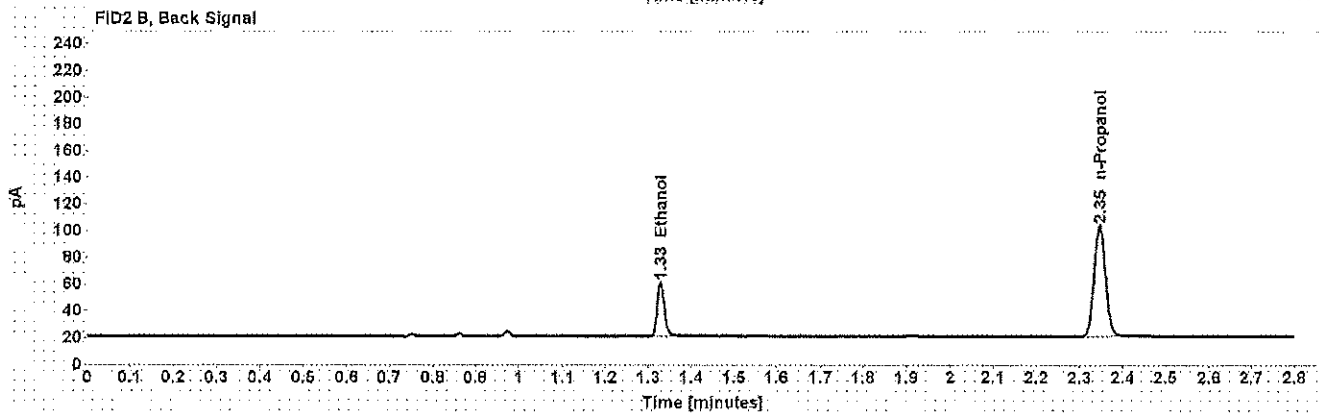
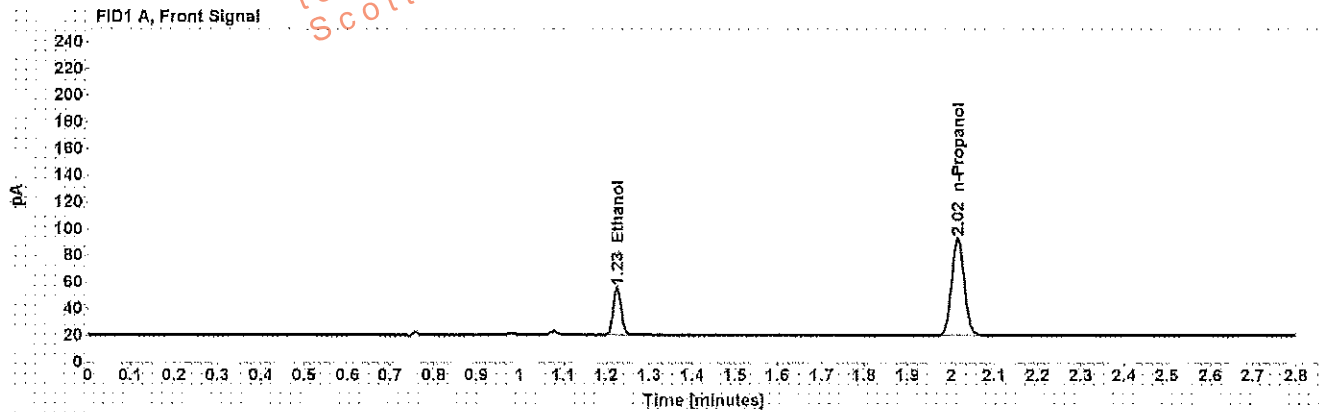


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0830	1.225	45.700
n-Propanol	-----	2.015	148.948

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

Compound	Time (min)	Peak Area
Ethanol	1.328	46.873
n-Propanol	2.346	153.479

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: [REDACTED]	Item number: 1131175
Injection date: 2/2/2017 3:00:50 PM	Vial: 32
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\32.D	

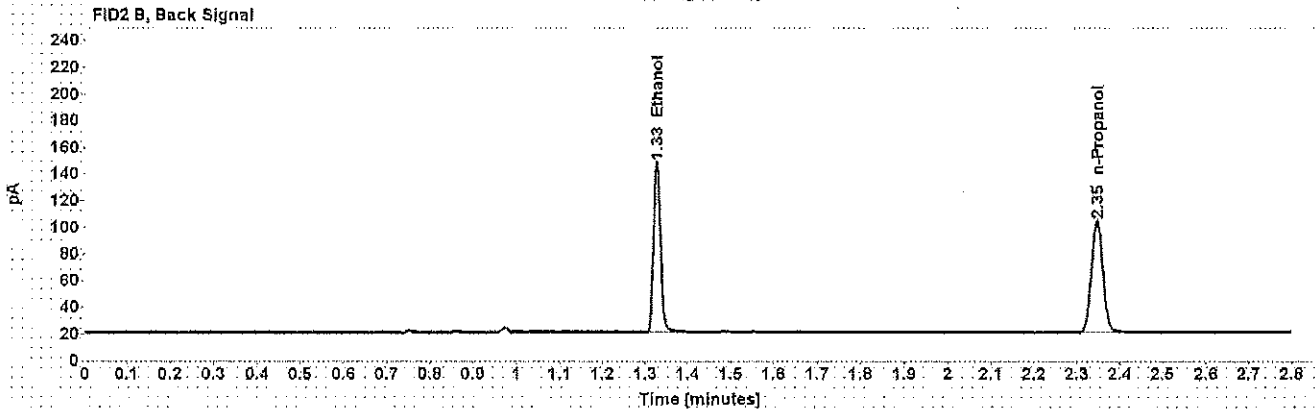
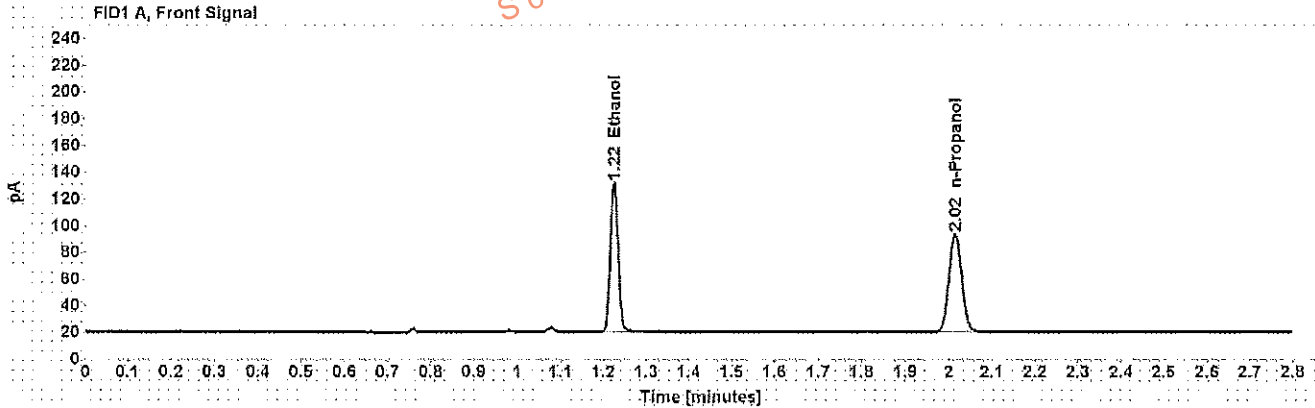


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2568	1.224	143.079
n-Propanol	-----	2.015	150.060

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

Compound	Time (min)	Peak Area
Ethanol	1.327	147.922
n-Propanol	2.346	154.749

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1131175
Injection date: 2/2/2017 3:04:51 PM	Vial: 33
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\2Feb17\33.D	

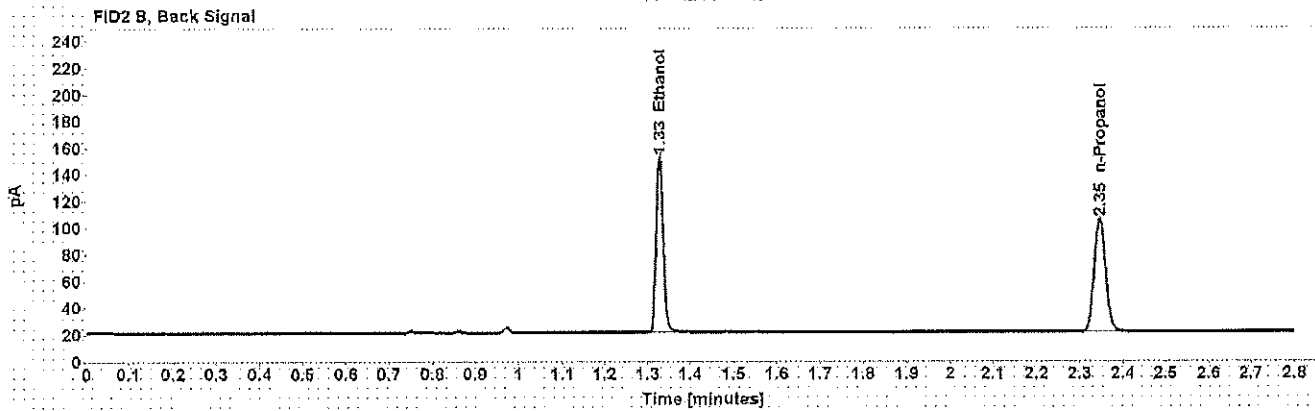
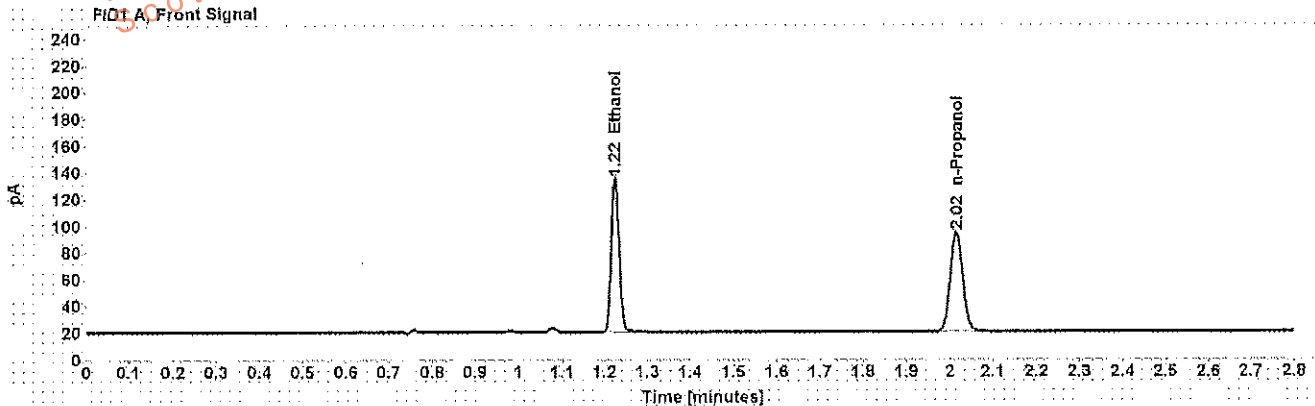


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2616	1.225	147.506
n-Propanol	-----	2.016	151.857

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

Compound	Time (min)	Peak Area
Ethanol	1.328	152.399
n-Propanol	2.346	156.708

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1131171
Injection date: 2/2/2017 3:08:51 PM	Vial: 34
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\34.D	

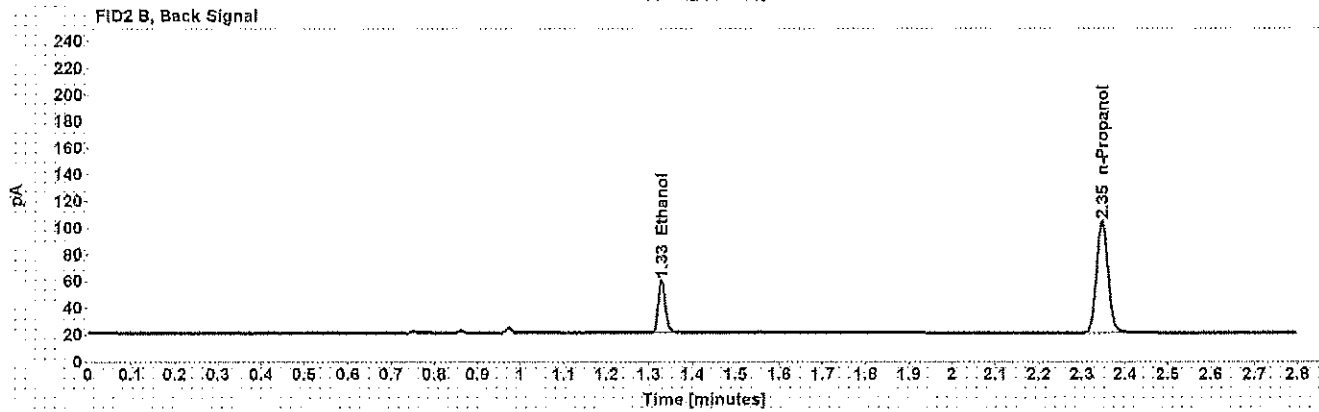
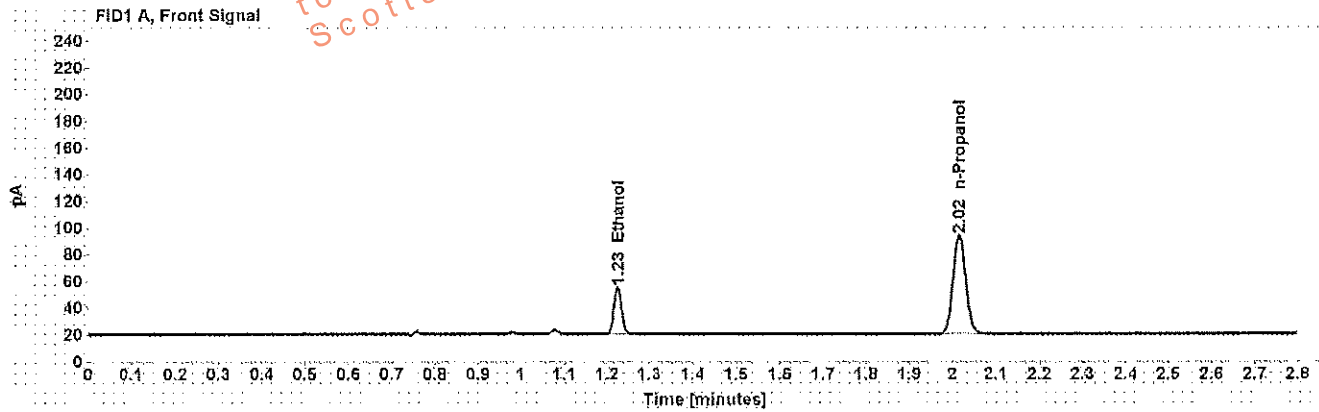


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0801	1.225	44.493
n-Propanol	-----	2.016	150.300

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

Compound	Time (min)	Peak Area
Ethanol	1.329	45.657
n-Propanol	2.346	155.085

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: [REDACTED]	Item number: 1131171
Injection date: 2/2/2017 3:12:50 PM	Vial: 35
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\2Feb17\35.D	

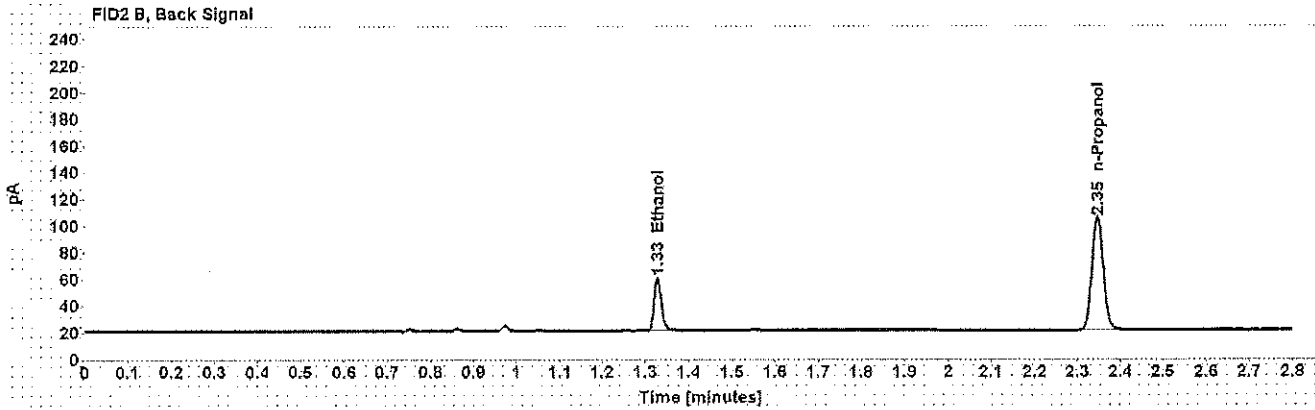
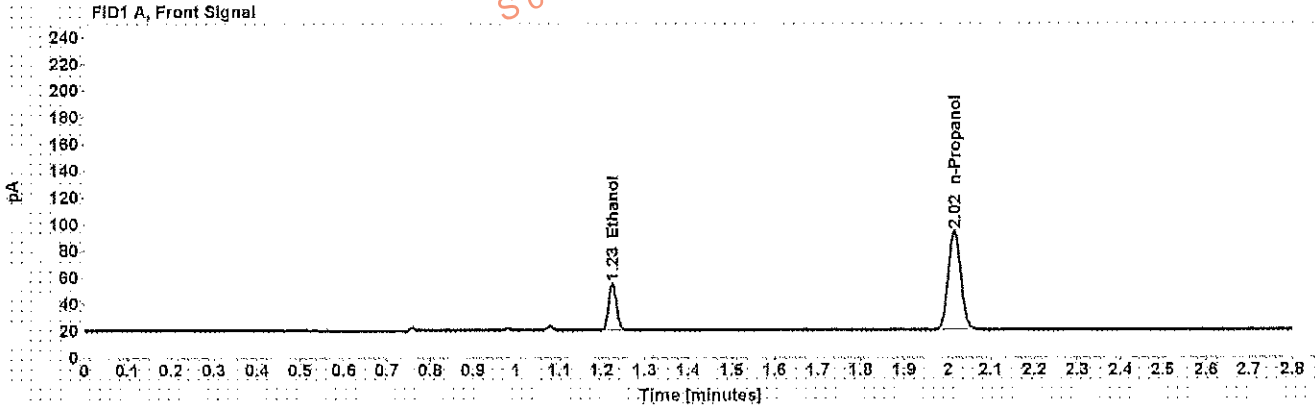


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0802	1.225	44.866
n-Propanol	-----	2.016	151.439

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

Compound	Time (min)	Peak Area
Ethanol	1.329	46.083
n-Propanol	2.346	156.343

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1130735
Injection date: 2/2/2017 3:16:50 PM	Vial: 36
Method: ethanol.quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\2Feb17\36.D	

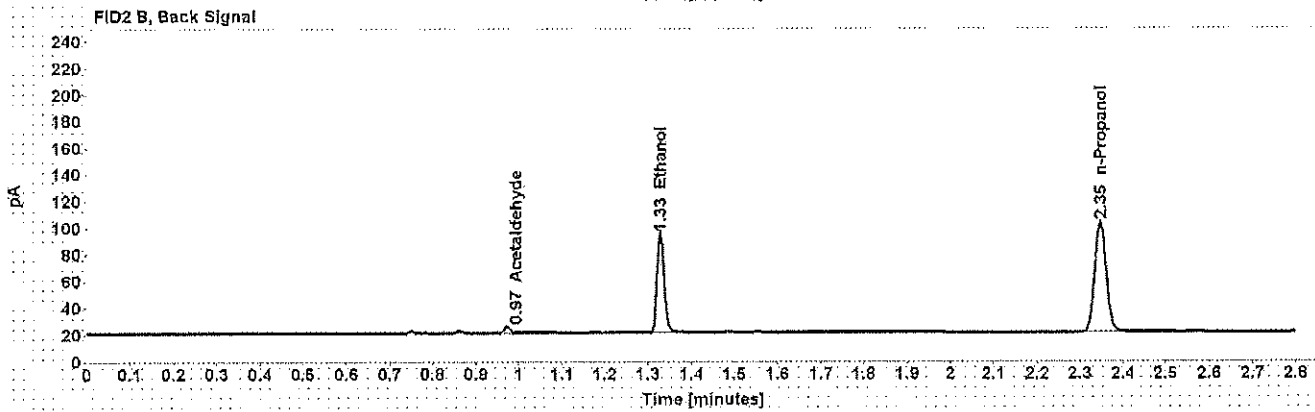
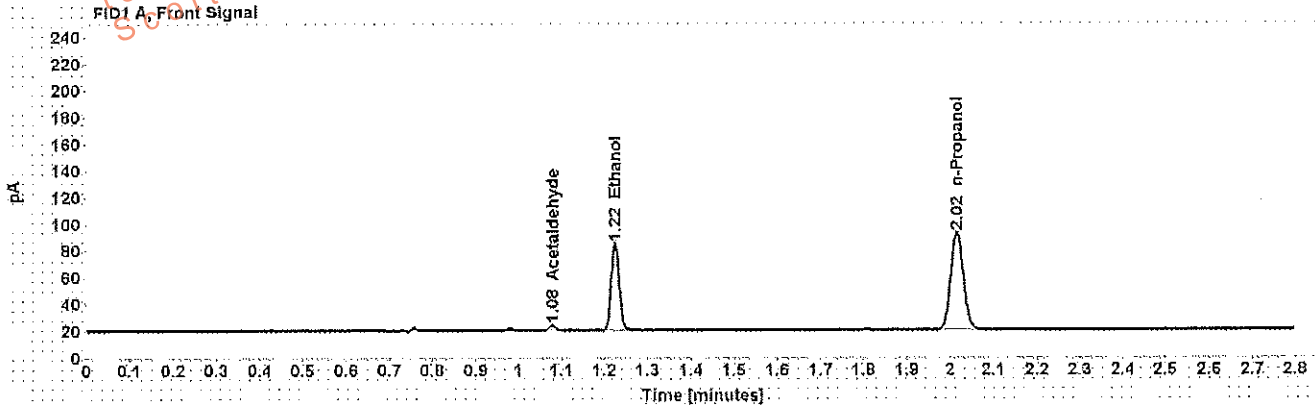


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.063
>Ethanol	0.1506	1.225	82.894
n-Propanol	-----	2.015	148.528

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.336
Ethanol	1.328	85.518
n-Propanol	2.346	152.906

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1130735
Injection date: 2/2/2017 3:21:06 PM	Vial: 37
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\37.D	

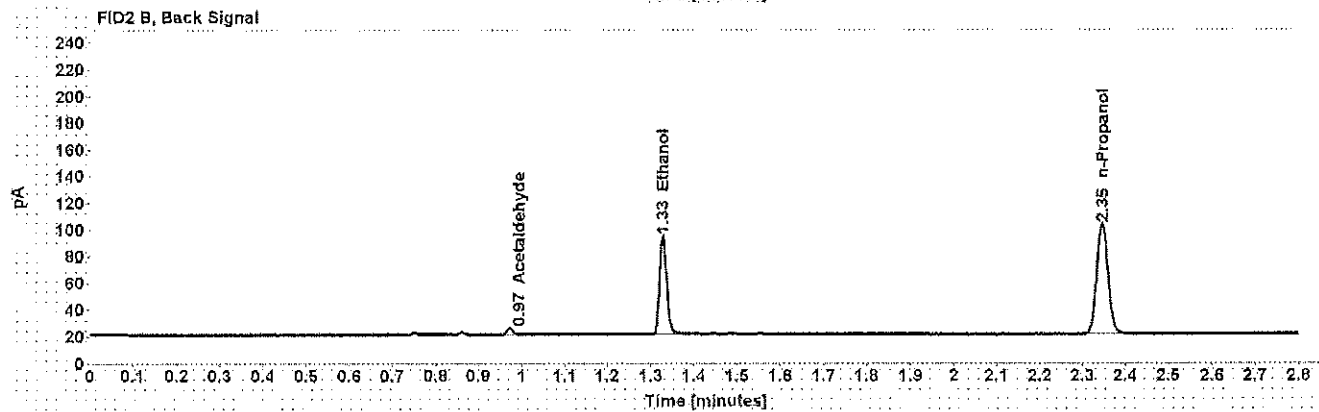
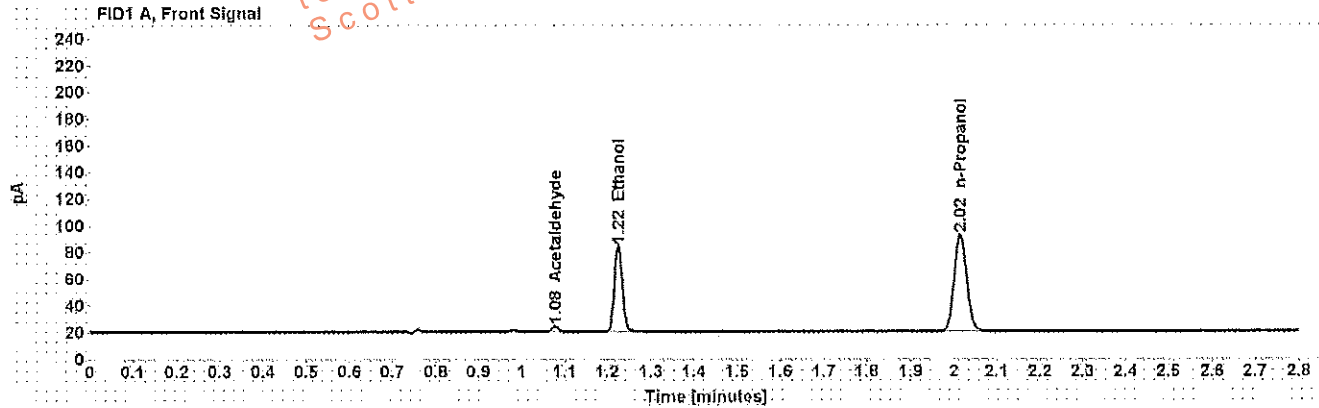


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.157
>Ethanol	0.1496	1.225	82.202
n-Propanol	-----	2.015	148.227

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.477
Ethanol	1.328	85.017
n-Propanol	2.346	152.826

Case: [REDACTED] User: wadrian 2/3/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1087215
Injection date: 2/2/2017 3:25:05 PM Vial: 38
Method: ethanol quant.M Sequence: 2Feb17
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\38.D

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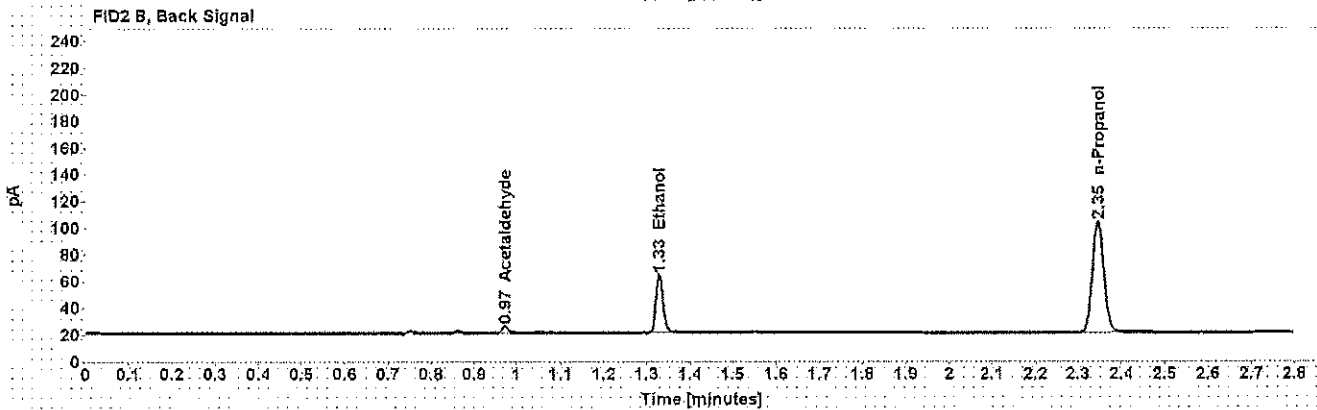
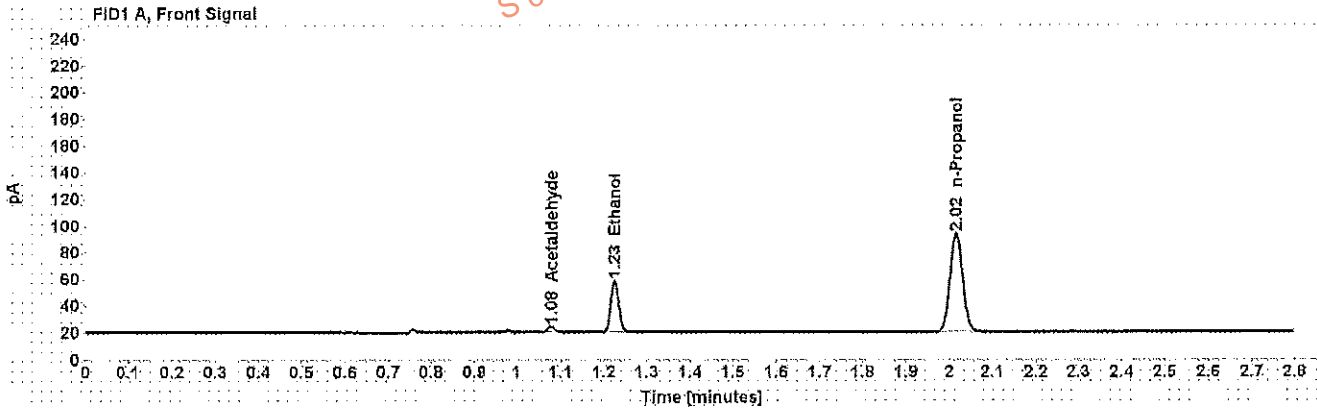


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.336
>Ethanol	0.0883	1.225	48.896
n-Propanol	-----	2.015	149.731

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.628
Ethanol	1.328	50.330
n-Propanol	2.346	154.755

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1087215
Injection date: 2/2/2017 3:29:05 PM	Vial: 39
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\2Feb17\39.D	

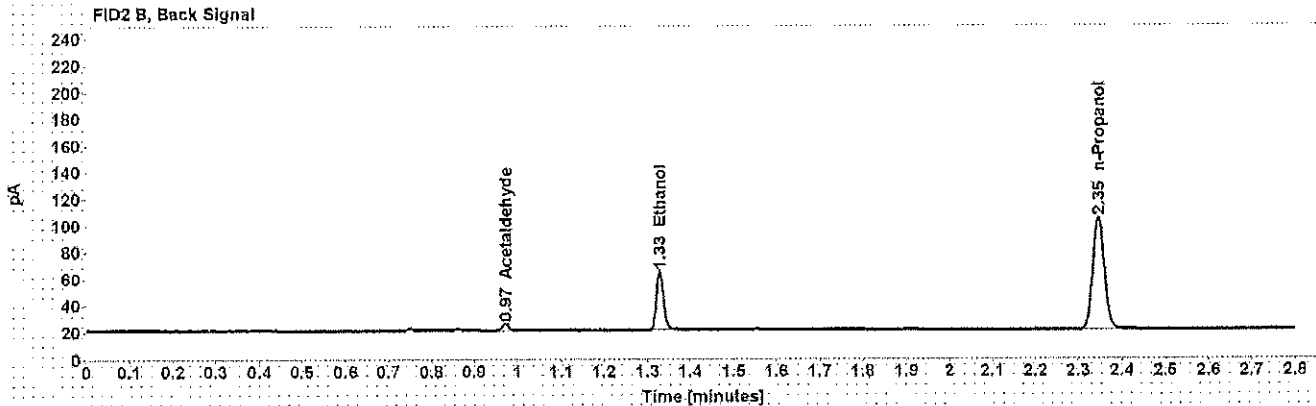
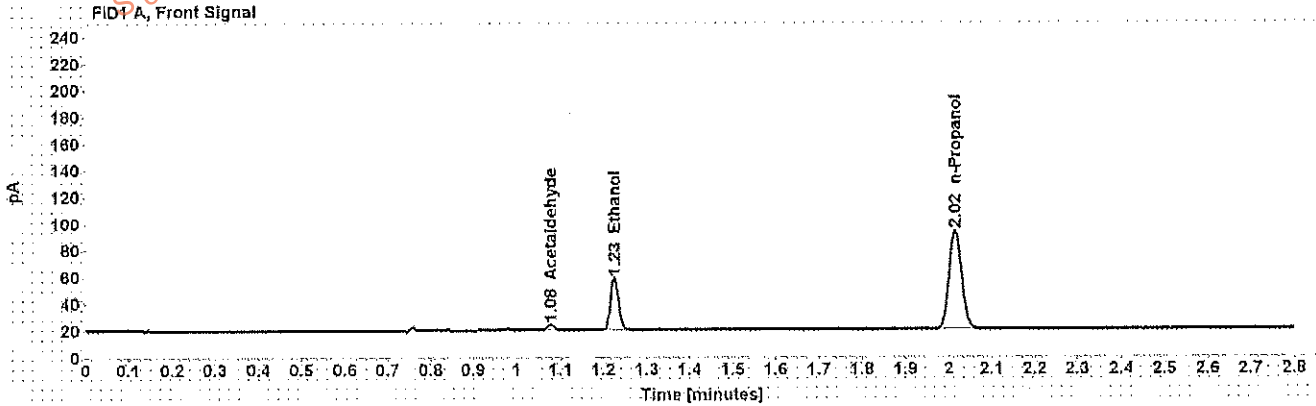


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.329
>Ethanol	0.0894	1.225	49.698
n-Propanol	-----	2.015	150.438

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.645
Ethanol	1.329	51.135
n-Propanol	2.346	155.518

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1108485
Injection date: 2/2/2017 3:33:05 PM	Vial: 40
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\2Feb17\40.D	

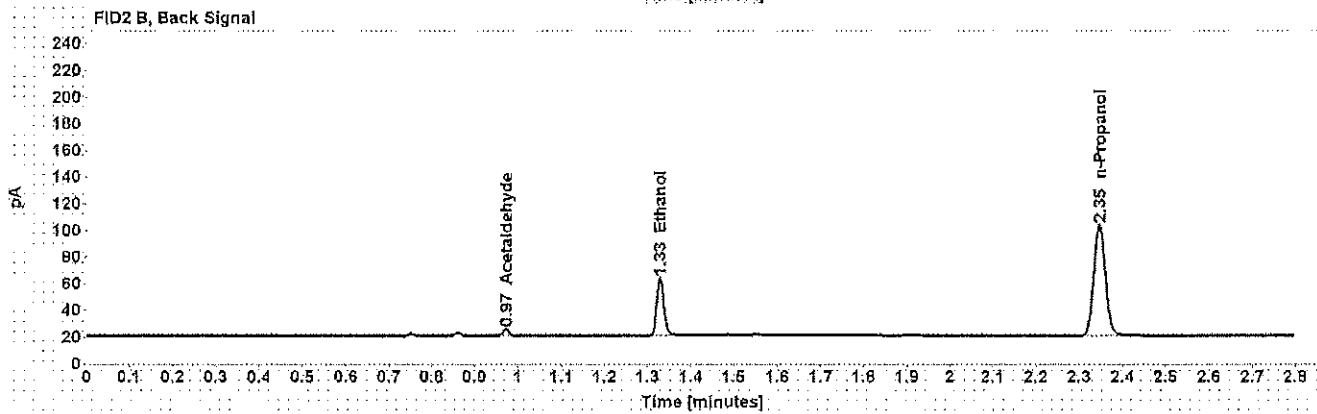
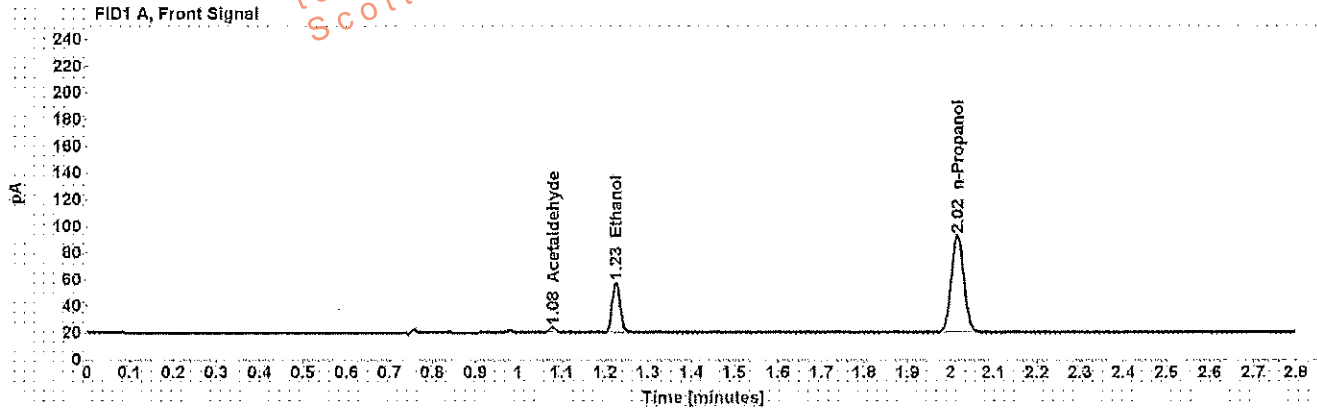


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.090
>Ethanol	0.0880	1.225	48.468
n-Propanol	-----	2.015	149.037

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.341
Ethanol	1.329	49.755
n-Propanol	2.346	154.181

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1108485
Injection date: 2/2/2017 3:37:05 PM	Vial: 41
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\2Feb17\41.D	

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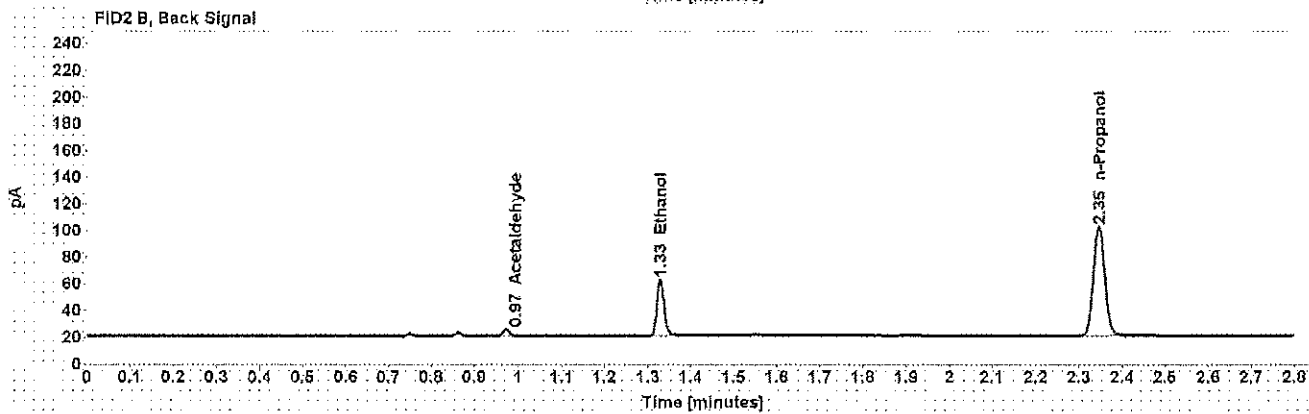
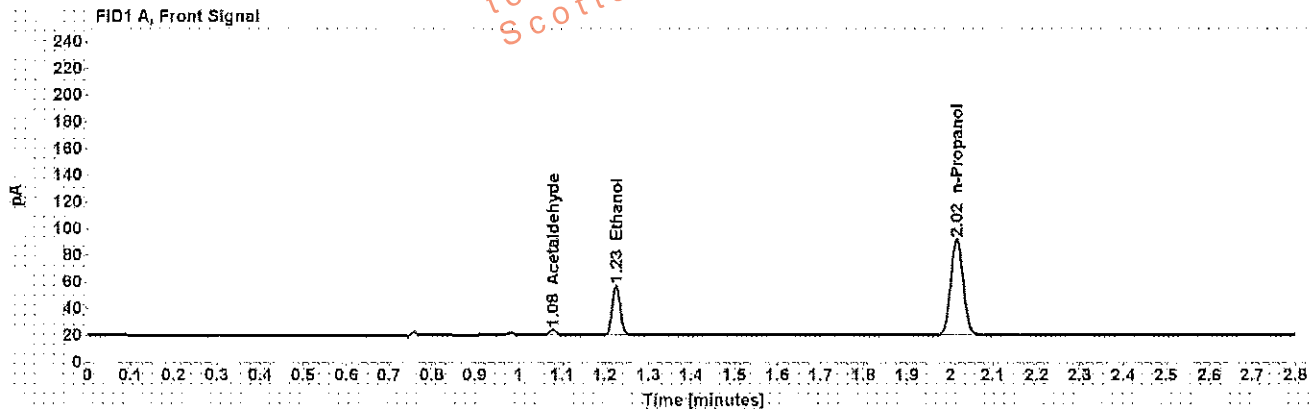


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.192
>Ethanol	0.0875	1.225	47.485
n-Propanol	-----	2.015	146.773

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.480
Ethanol	1.329	48.819
n-Propanol	2.346	151.887

Case: [REDACTED] User: wadrian 2/3/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	151-01A
Injection date:	2/2/2017 3:45:20 PM	Vial:	43
Method:	ethanol quant.M	Sequence:	2Feb17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\2Feb17\43.D		

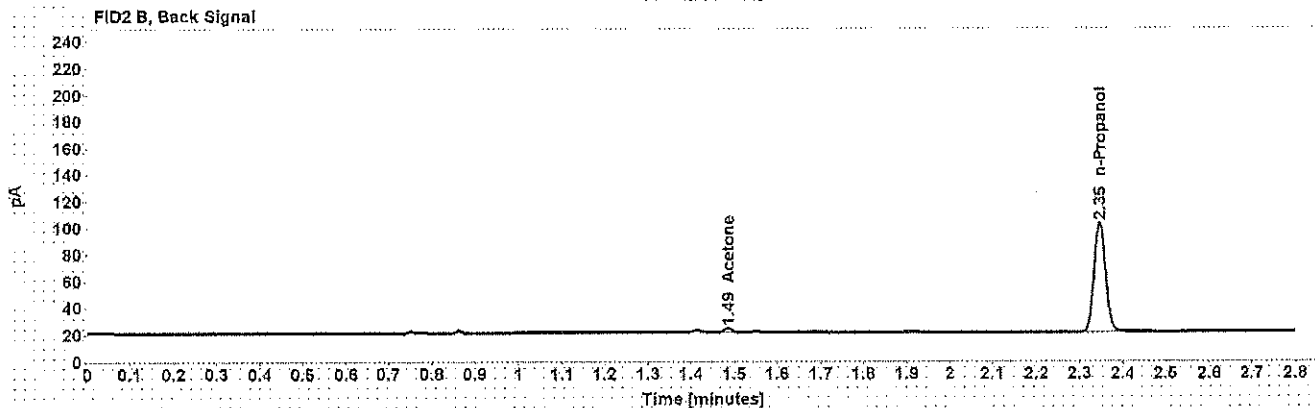
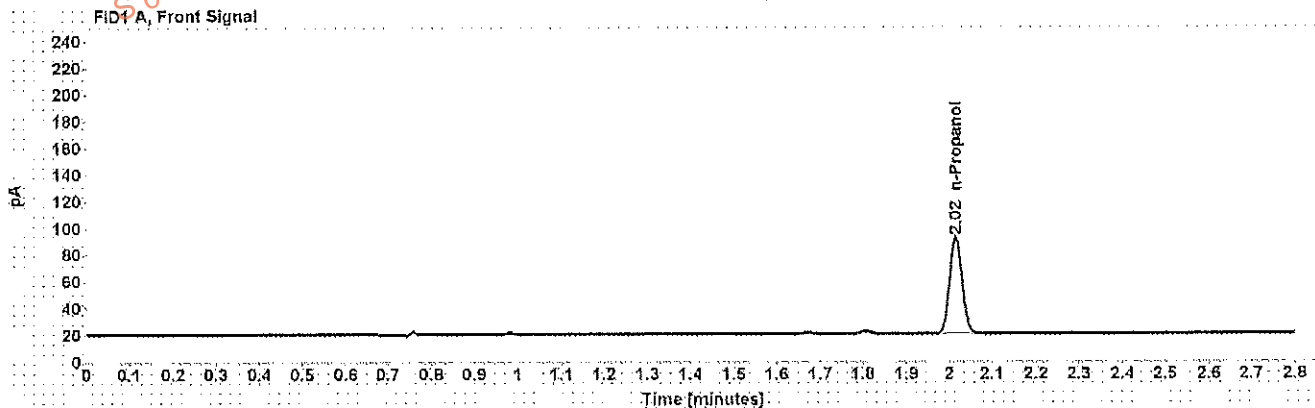


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	147.188

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

Compound	Time (min)	Peak Area
Acetone	1.486	4.027
n-Propanol	2.346	152.233

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 151-01A
Injection date: 2/2/2017 3:49:20 PM	Vial: 44
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\2Feb17\44.D	

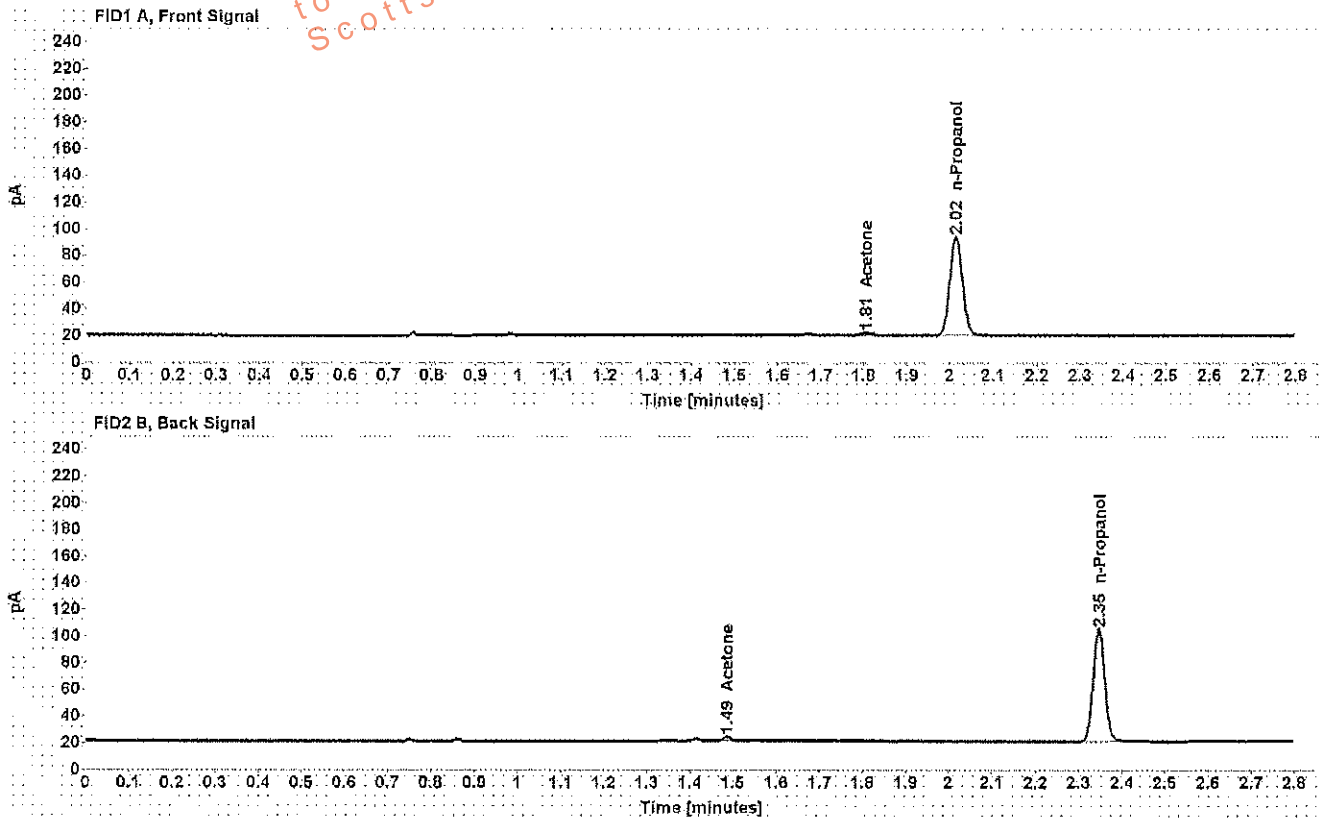


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetone	-----	1.806	3.784
n-Propanol	-----	2.015	151.046

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

Compound	Time (min)	Peak Area
Acetone	1.485	3.892
n-Propanol	2.346	156.372

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1132057
Injection date: 2/2/2017 3:53:21 PM	Vial: 45
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\45.D	

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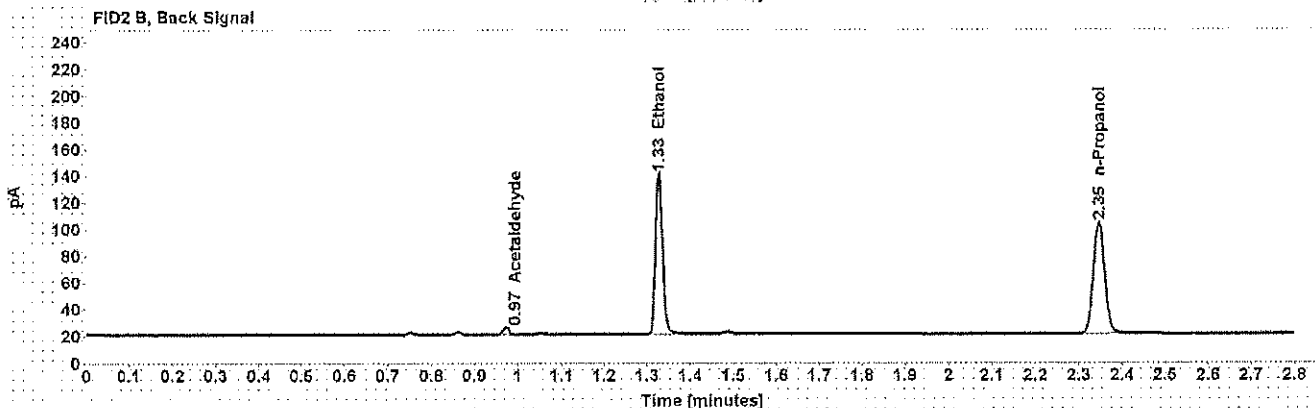
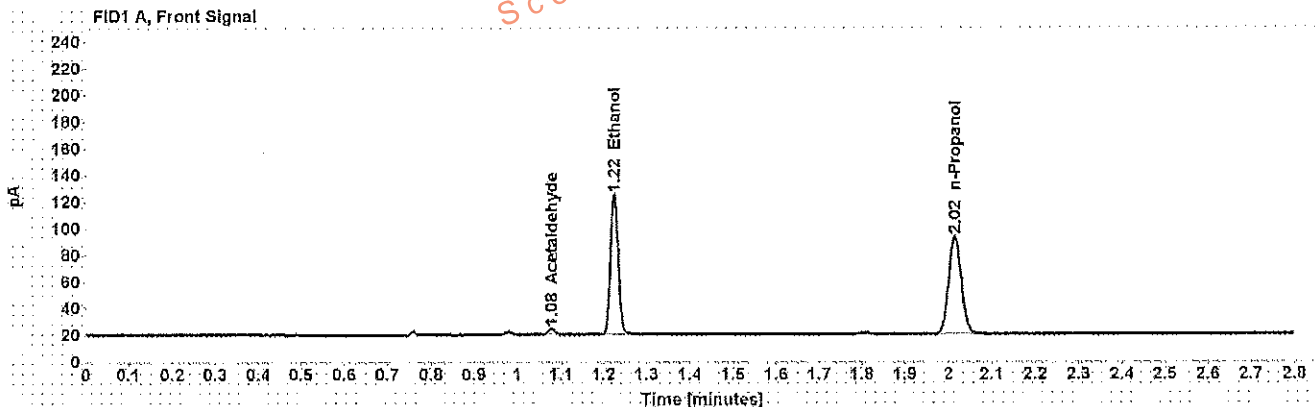


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.637
>Ethanol	0.2426	1.225	134.478
n-Propanol	-----	2.015	149.324

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.958
Ethanol	1.328	139.807
n-Propanol	2.346	154.347

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1132057
Injection date: 2/2/2017 3:57:20 PM	Vial: 46
Method: ethanol.quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\46.D	

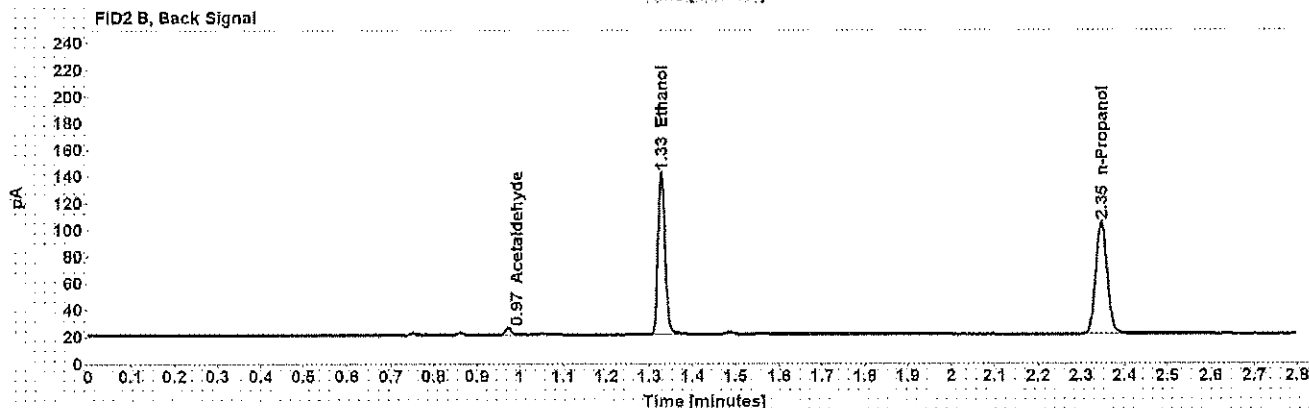
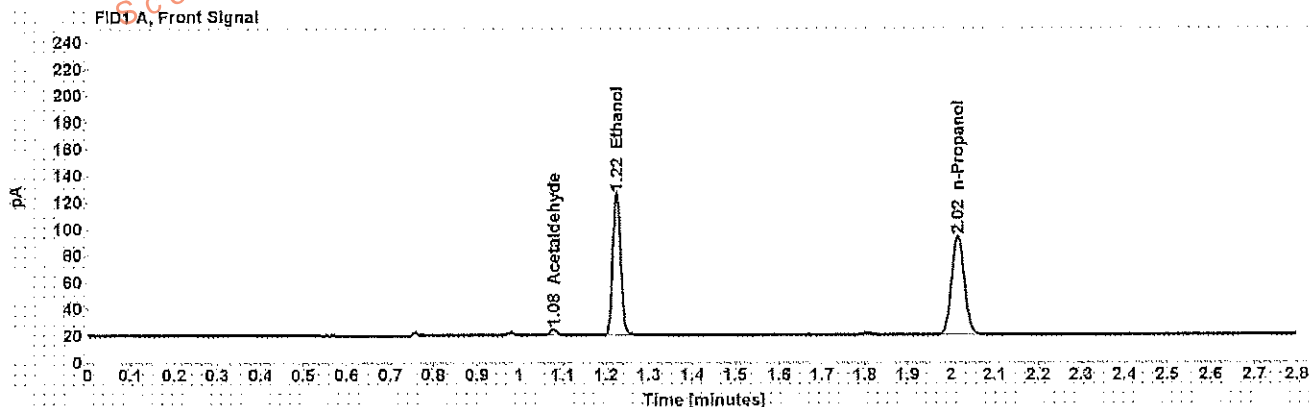


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.618
>Ethanol	0.2424	1.225	135.660
n-Propanol	-----	2.015	150.735

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.919
Ethanol	1.328	140.346
n-Propanol	2.346	155.638

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1132413
Injection date: 2/2/2017 4:01:20 PM	Vial: 47
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\17.D	

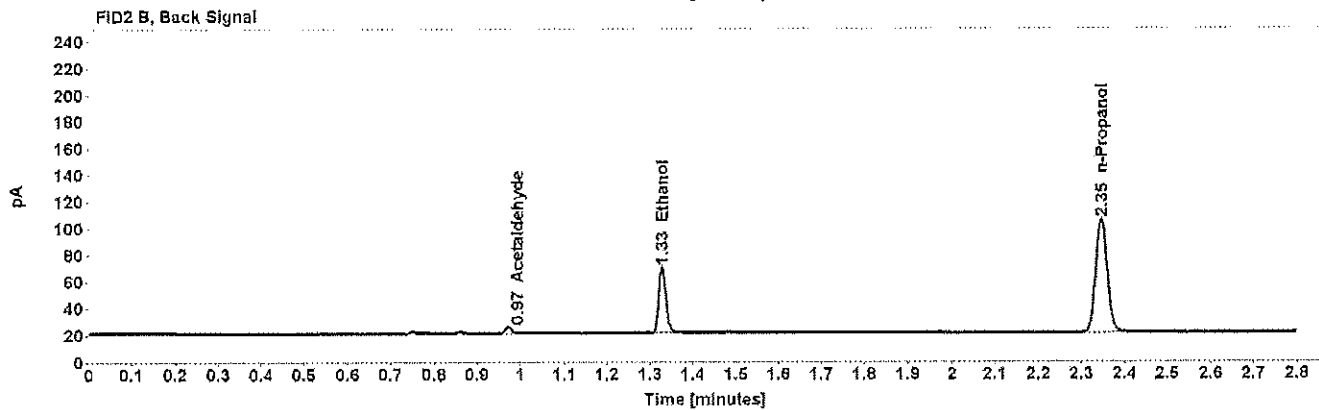
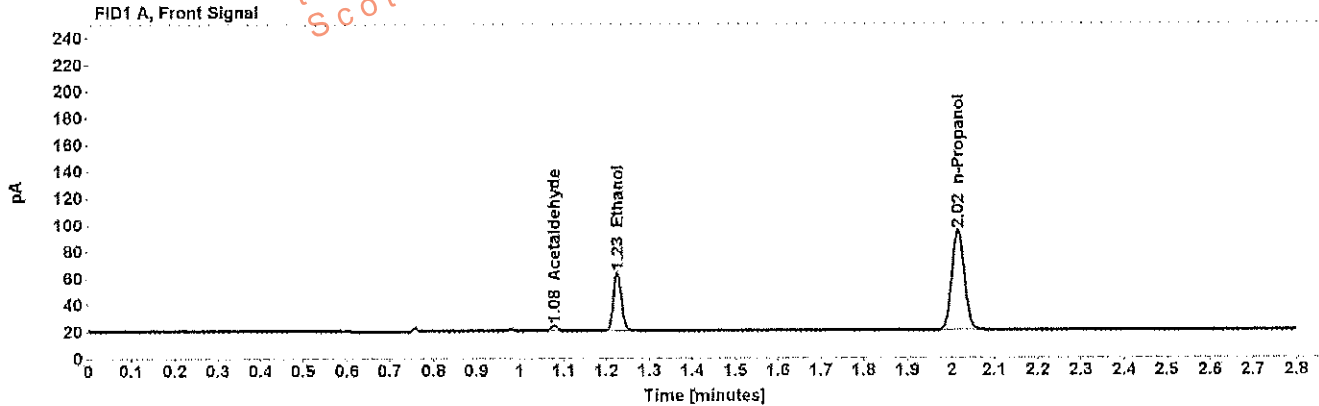


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.101
>Ethanol	0.0983	1.225	55.532
n-Propanol	-----	2.015	152.653

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.389
Ethanol	1.329	57.075
n-Propanol	2.346	157.408

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1132413
Injection date: 2/2/2017 4:05:20 PM	Vial: 48
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\48.D	

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 Scottsdale City Prosecutor

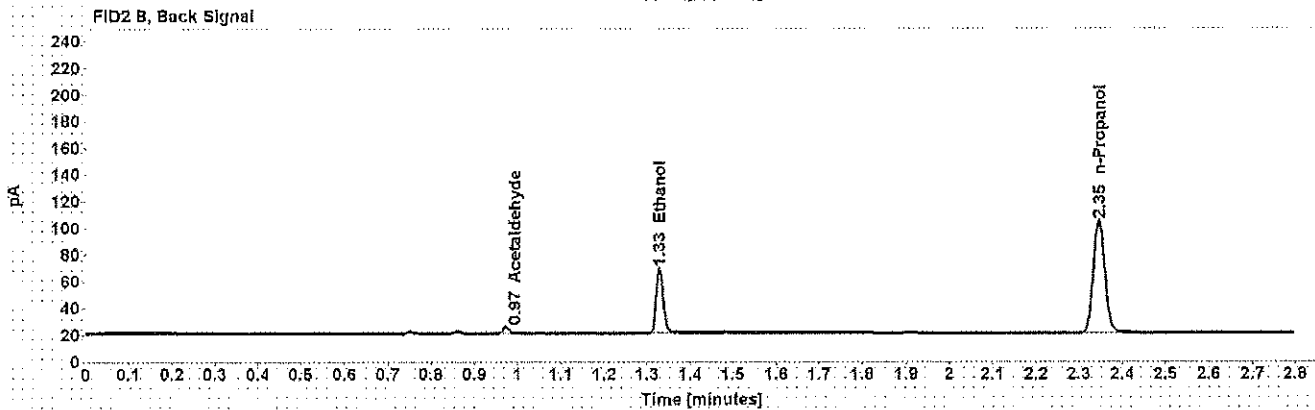
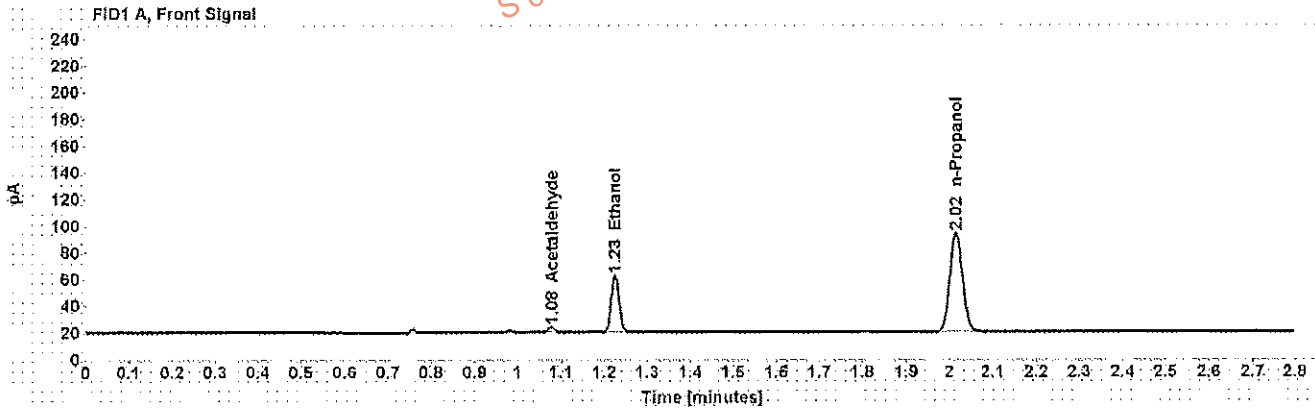


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.146
>Ethanol	0.0976	1.225	54.547
n-Propanol	-----	2.015	151.134

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.413
Ethanol	1.328	55.975
n-Propanol	2.346	155.948

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1115182
Injection date: 2/2/2017 4:09:35 PM	Vial: 49
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\49.D	

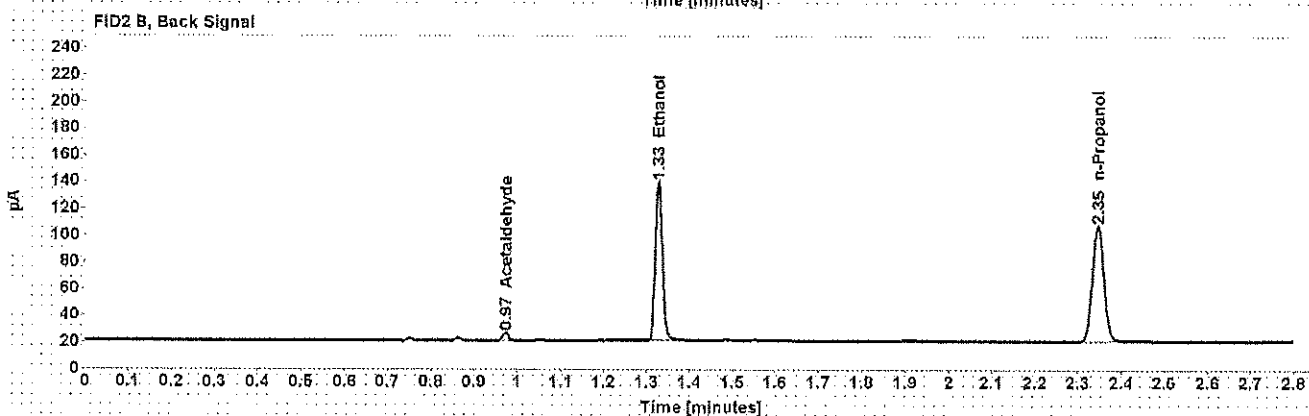
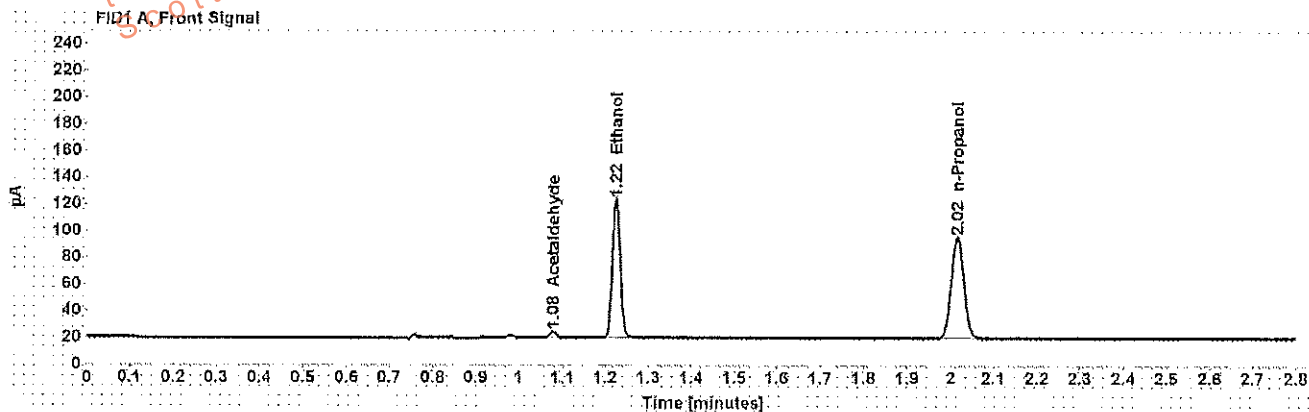


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.979
>Ethanol	0.2316	1.225	133.183
n-Propanol	-----	2.015	154.944

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.324
Ethanol	1.328	137.474
n-Propanol	2.346	160.070

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1115182
Injection date:	2/2/2017 4:13:35 PM	Vial:	50
Method:	ethanol quant.M	Sequence:	2Feb17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\2Feb17\50.D		

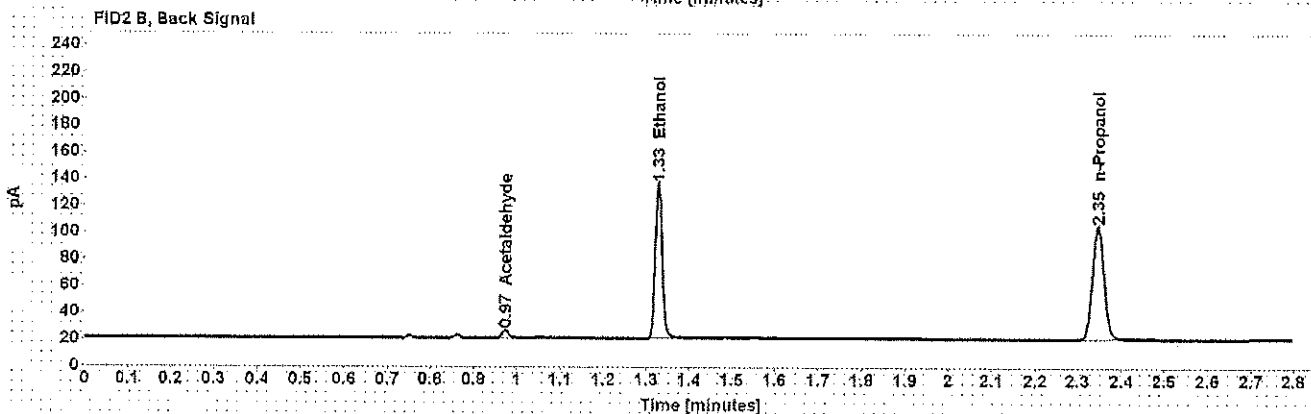
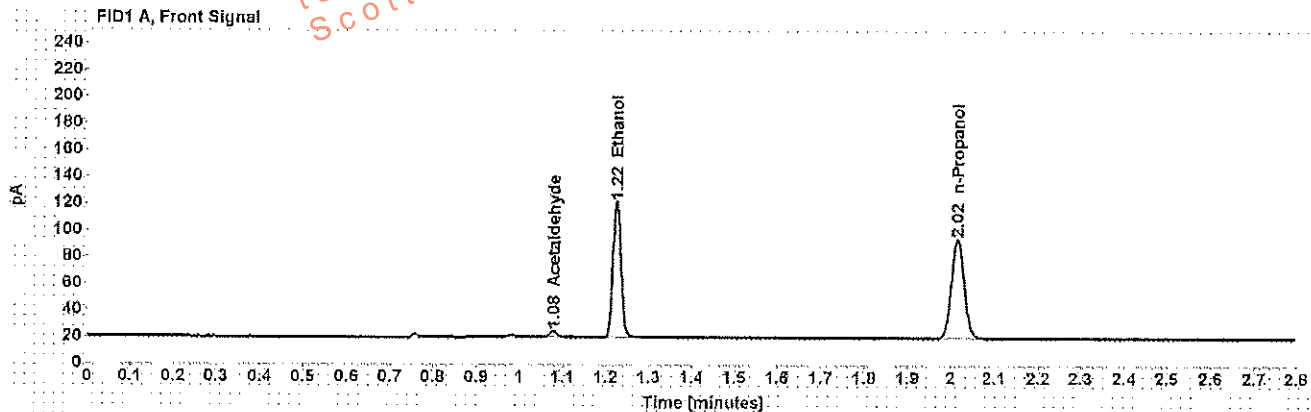


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.960
>Ethanol	0.2308	1.225	130.171
n-Propanol	-----	2.015	151.954

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.242
Ethanol	1.328	134.543
n-Propanol	2.346	156.950

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1097596
Injection date:	2/2/2017 4:17:35 PM	Vial:	51
Method:	ethanol quant.M	Sequence:	2Feb17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\2Feb17\51.D		

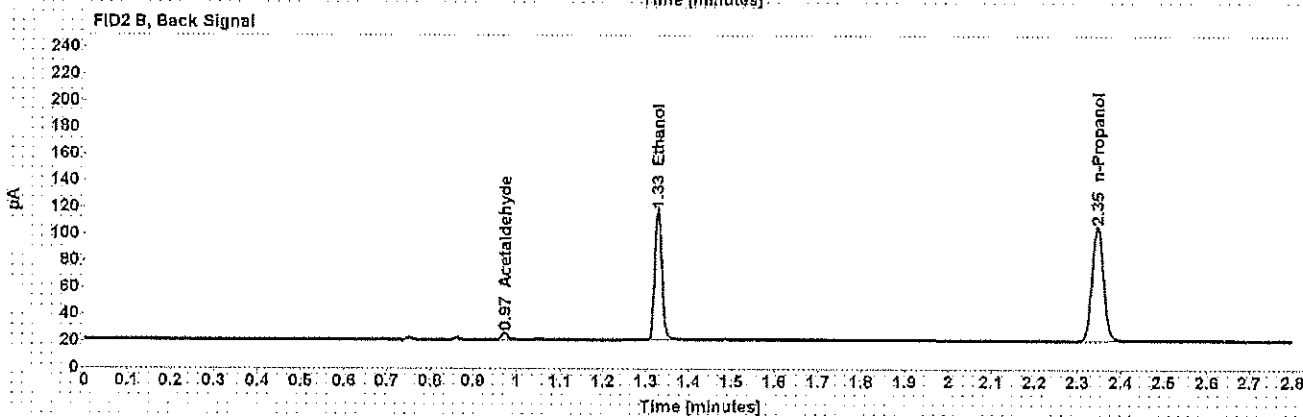
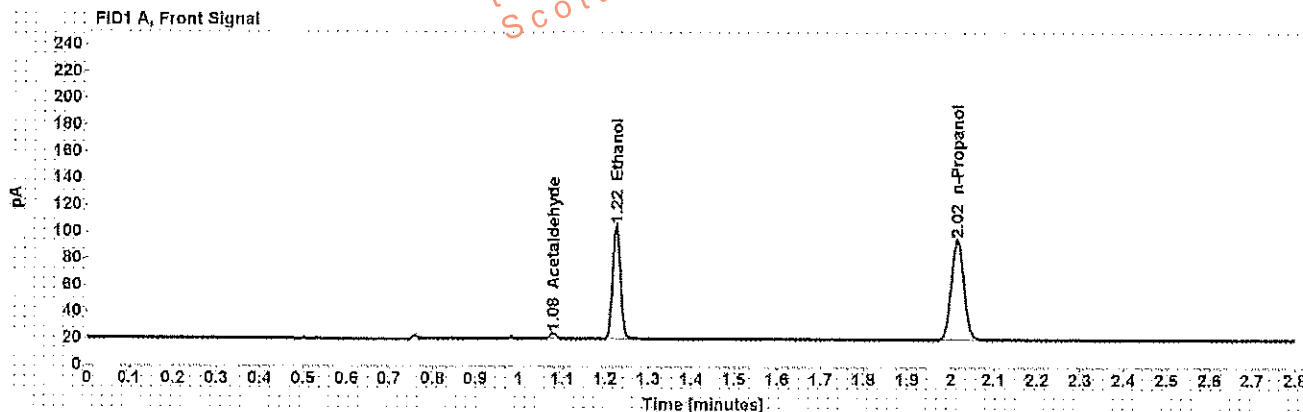


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.391
>Ethanol	0.1909	1.225	108.477
n-Propanol	-----	2.015	153.209

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.652
Ethanol	1.328	112.094
n-Propanol	2.346	158.136

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1097596
Injection date: 2/2/2017 4:21:35 PM	Vial: 52
Method: ethanol quant.M	Sequence: 2Feb17
Instrument: OS14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Feb17\52.D	

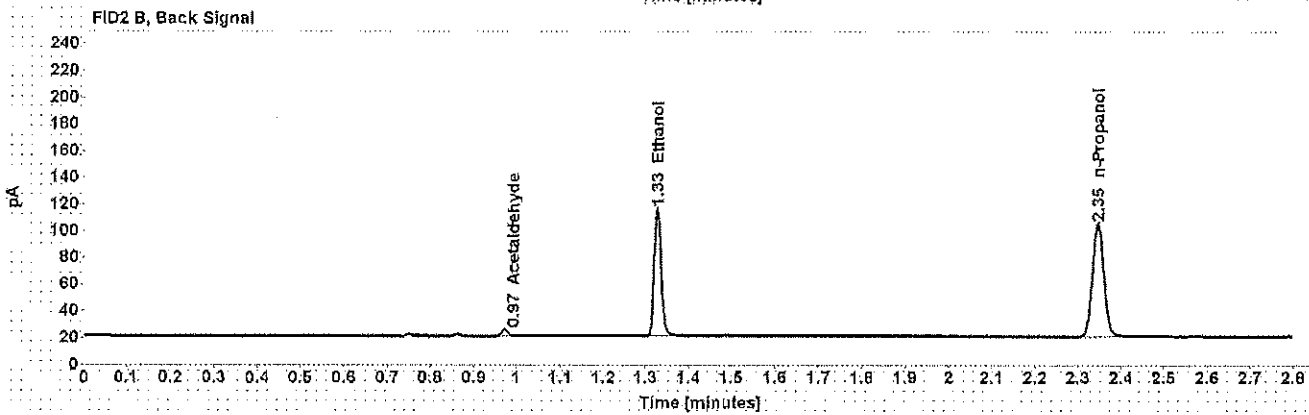
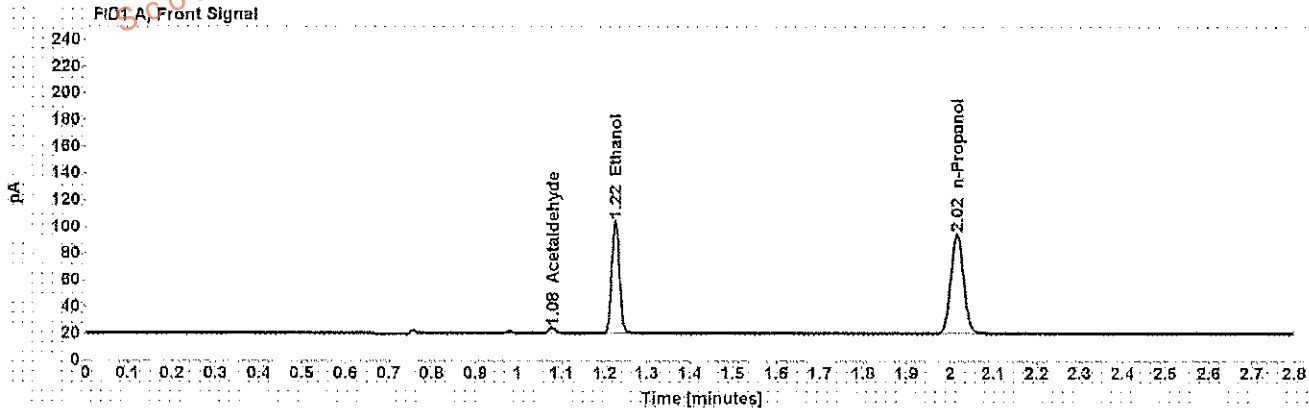


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.250
>Ethanol	0.1906	1.225	107.302
n-Propanol	-----	2.015	151.731

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.504
Ethanol	1.328	110.868
n-Propanol	2.346	156.673