

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 3/6/2017 SEQUENCE NAME 6Mar17

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

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 020917WLA
7	Aqueous control	0.400 g/dL	0.395 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	0.197 g/dL	ACQ 407041529/3
20	Aqueous control	0.080 g/dL	0.079 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.149 g/dL	Lipomed 09022015-C
42	Blood control	0.200 g/dL	0.197 g/dL	ACQ 407041529/3
53	Aqueous control	0.080 g/dL	0.079 g/dL	Lipomed 28082014-B
64	Aqueous control	0.150 g/dL	0.148 g/dL	Lipomed 09022015-C
75	Blood control	0.200 g/dL	0.196 g/dL	ACQ 407041529/3
78	Aqueous control	0.400 g/dL	0.395 g/dL	Lipomed 08012015-C
79	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 09022015-A
80	Blood control	0.200 g/dL	0.196 g/dL	ACQ 407041529/3
81	Blank	Not detected	Not detected	SPD lab 012517

SUBJECT SAMPLES

Subjects in the sequence 27 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected. This run also included four proficiency samples.

Run valid WAB570 3/16/17
 Run invalid
 Analyst

Run valid KOSECKI 3/16/17
 Run invalid
 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

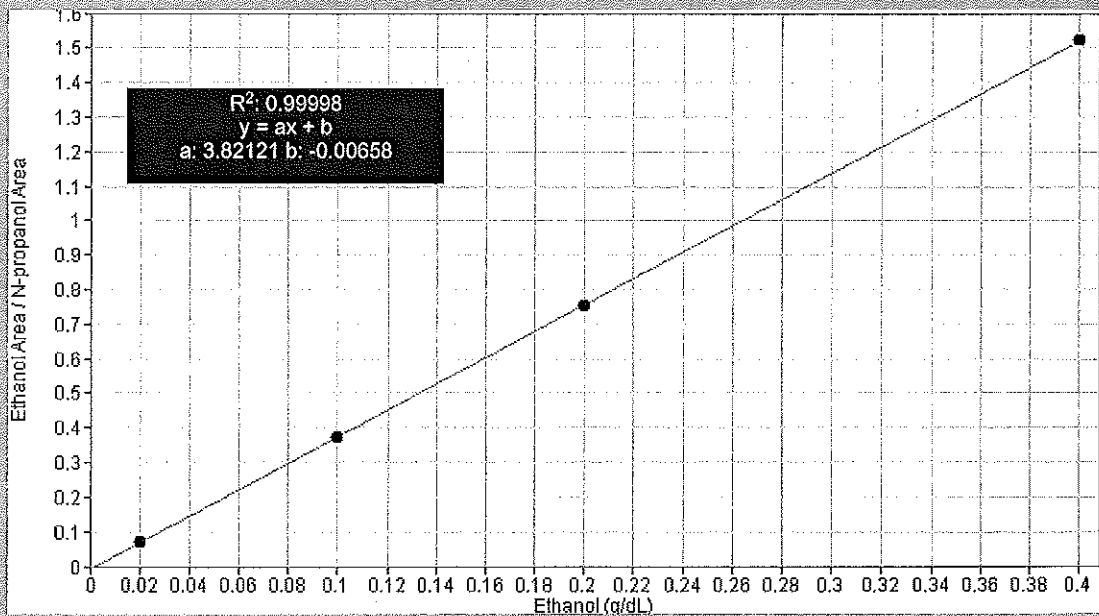
SEQUENCE NAME: 6Mar17

ANALYST: Adrian

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 012517	5	negative	negative	-	-
0.400 Lipomed 08012015-C	7	0.395	0.400	1.25	-0.005
0.040 Lipomed 09022015-A	8	0.039	0.040	2.50	-0.001
0.20 ACQ 407041529/3	9	0.197	0.200	1.50	-0.003
0.080 Lipomed 28082014-B	20	0.079	0.080	1.25	-0.001
0.150 Lipomed 09022015-C	31	0.149	0.150	0.67	-0.001
0.20 ACQ 407041529/3	42	0.197	0.200	1.50	-0.003
0.080 Lipomed 28082014-B	53	0.079	0.080	1.25	-0.001
0.150 Lipomed 09022015-C	64	0.148	0.150	1.33	-0.002
0.20 ACQ 407041529/3	75	0.196	0.200	2.00	-0.004
0.40 Lipomed 08012015-C	78	0.395	0.400	1.25	-0.005
0.04 Lipomed 09022015-A	79	0.039	0.040	2.50	-0.001
0.20 ACQ 407041529/3	80	0.196	0.200	2.00	-0.004
blank 012517	81	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	10.622	146.956	0.072
0.100	54.471	145.475	0.374
0.200	111.253	147.416	0.755
0.400	226.284	148.525	1.524

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

WA

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Sample:	0.020 Cerilliant FN03241604	Item number:	1
Injection date:	3/6/2017 3:42:48 PM	Vial:	1
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Mar17\1.D		

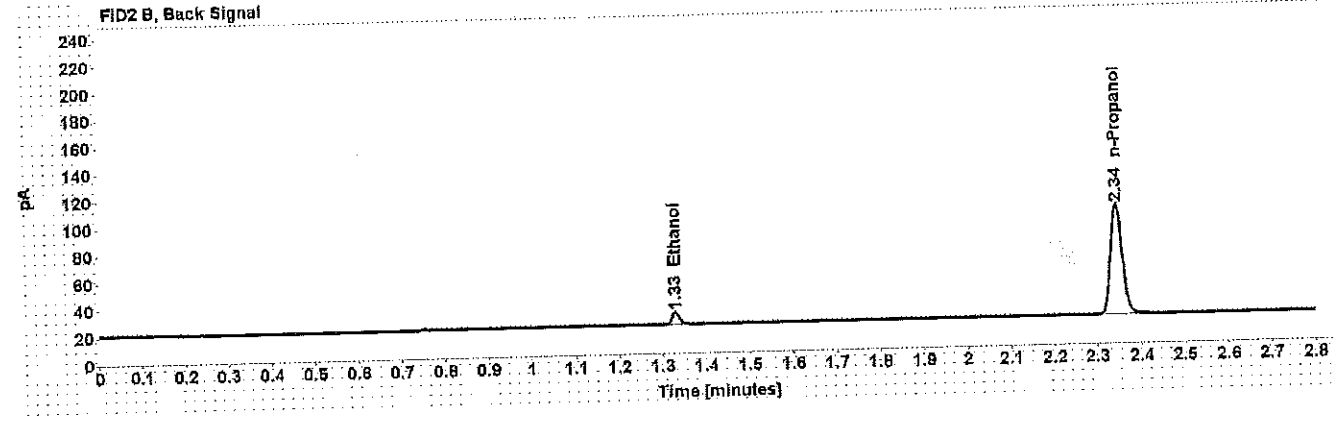
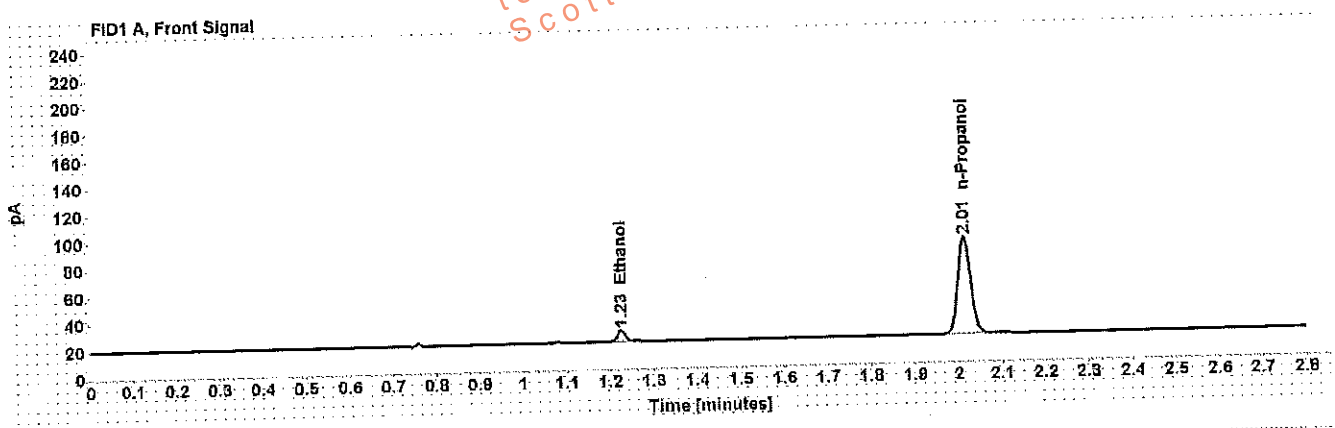


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.225	10.622
n-Propanol	2.014	146.956

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

Compound	Time (min)	Peak Area
Ethanol	1.329	10.767
n-Propanol	2.344	151.302

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.100 Cerilliant FN06181501 Injection date: 3/6/2017 3:46:48 PM Method: ethanol quant.M Instrument: US14173023 CN14160045 Data file: C:\Chem32\1\Data\6Mar17\2.D	Item number: Vial: 2 Sequence: 6Mar17 Analyst: Adrian
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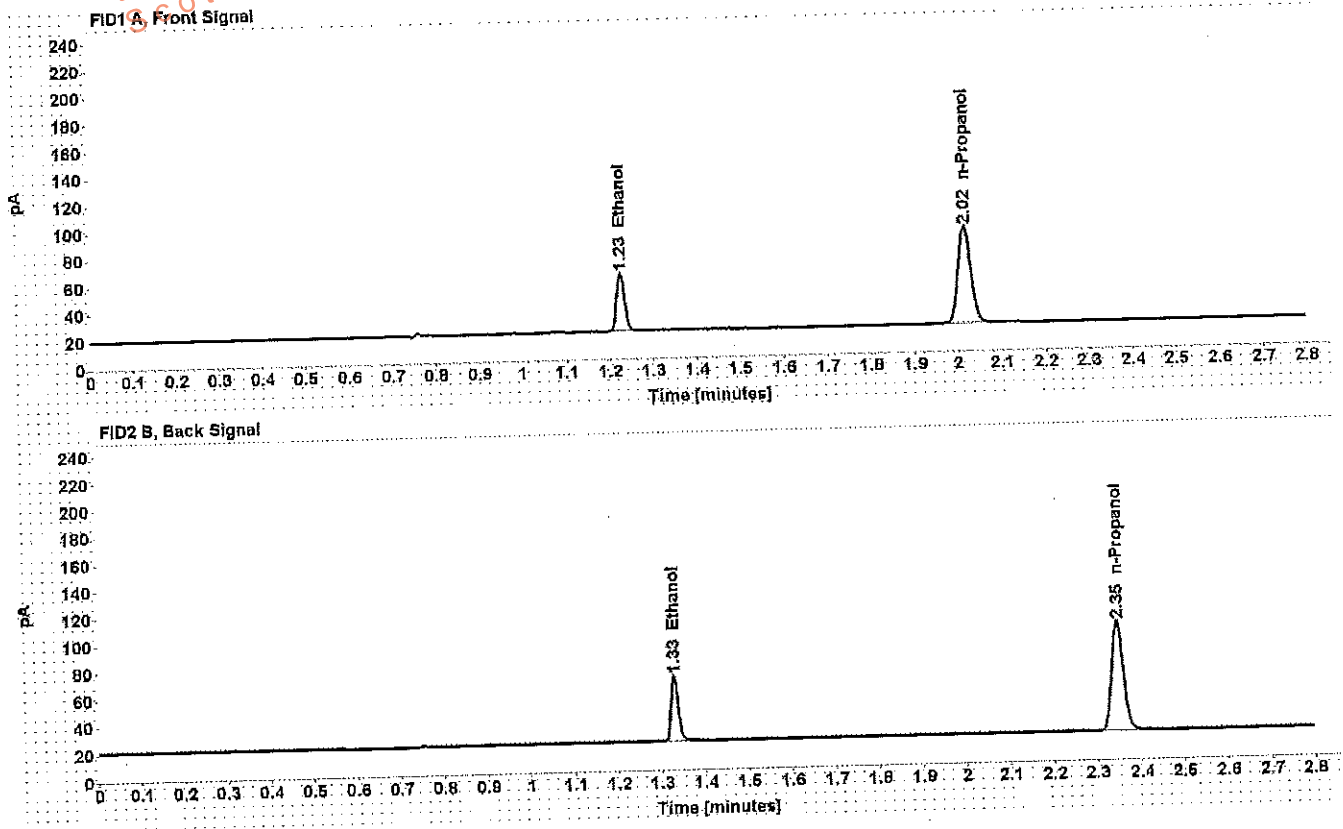


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.225	54.471
n-Propanol	2.015	145.475

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

Compound	Time (min)	Peak Area
Ethanol	1.329	56.209
n-Propanol	2.346	149.828

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.200 Cerilliant FN07201502	Item number:
Injection date: 3/6/2017 3:50:48 PM	Vial: 3
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Mar17\3.D	

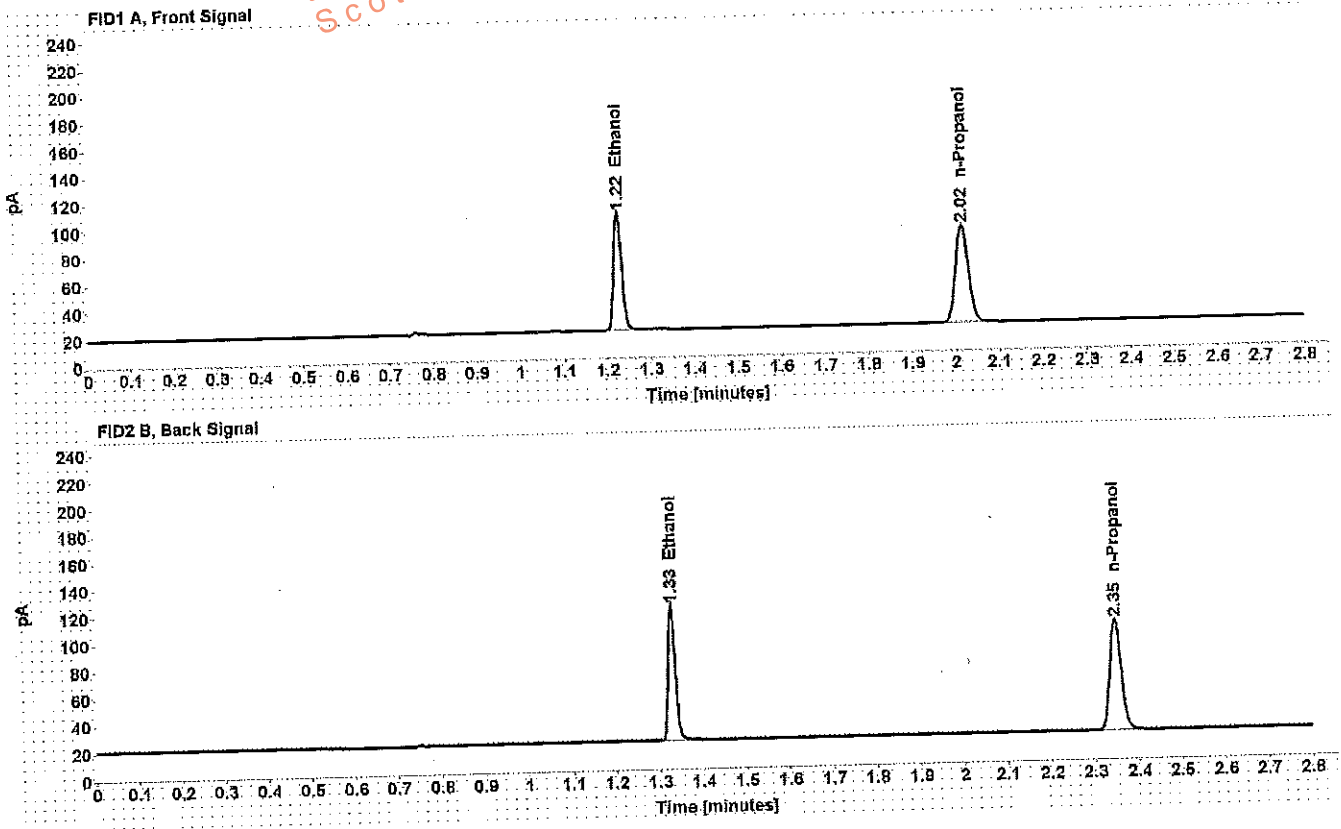


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.225	111.253
n-Propanol	2.015	147.416

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

Compound	Time (min)	Peak Area
Ethanol	1.328	115.079
n-Propanol	2.346	151.928

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.400 Cerilliant FN11191402
Injection date: 3/6/2017 3:54:48 PM
Method: ethanol quant.M
Instrument: US14173023 CN14160045
Data file: C:\Chem32\1\Data\6Mar17\4.D

Item number:
Vial: 4
Sequence: 6Mar17
Analyst: Adrian

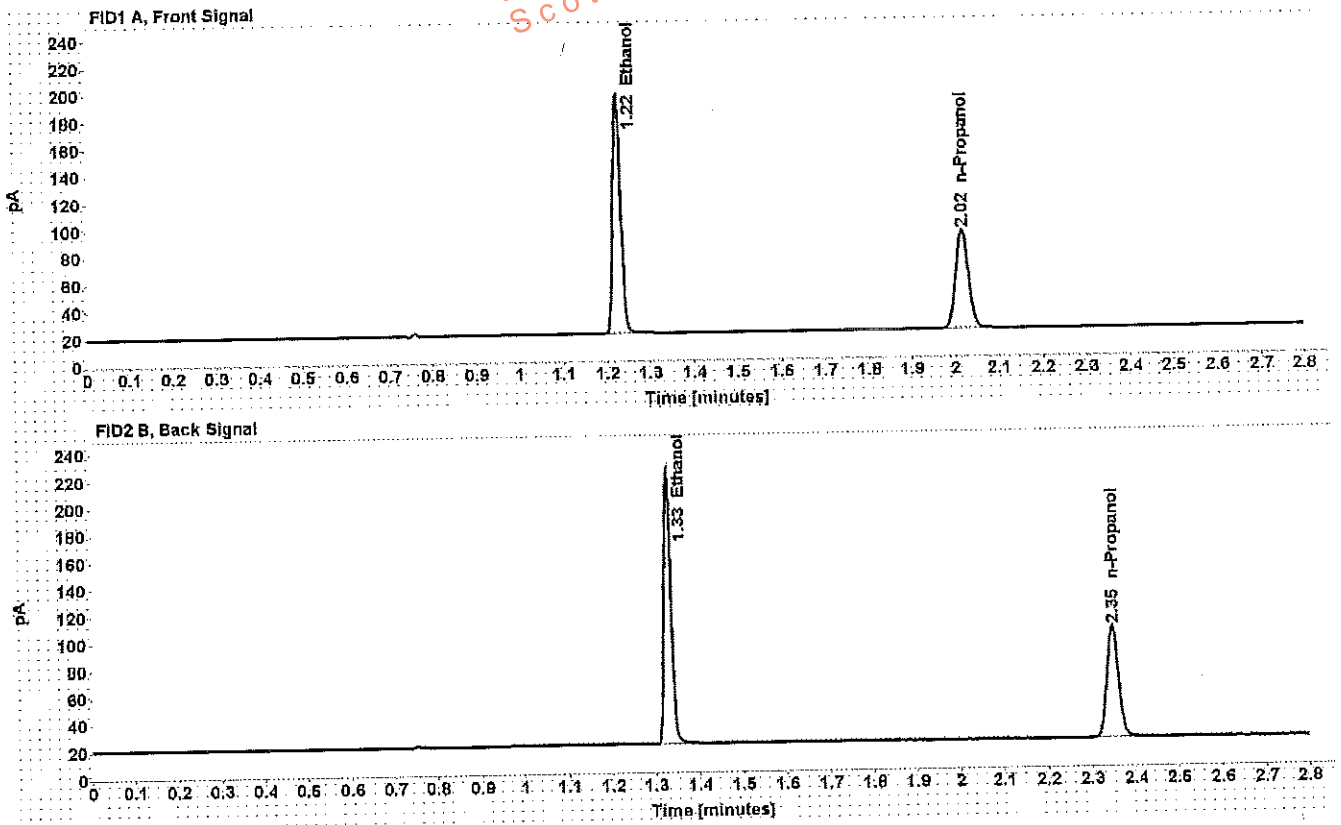


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	226.284
n-Propanol	2.015	148.525

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

Compound	Time (min)	Peak Area
Ethanol	1.328	234.356
n-Propanol	2.346	153.083

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 012517
Injection date: 3/6/2017 3:58:48 PM
Method: ethanol quant.M
Instrument: US14173023 CN14160045
Data file: C:\Chem321\1Data\6Mar17\5.D

Item number:
Vial: 5
Sequence: 6Mar17
Analyst: Adrian

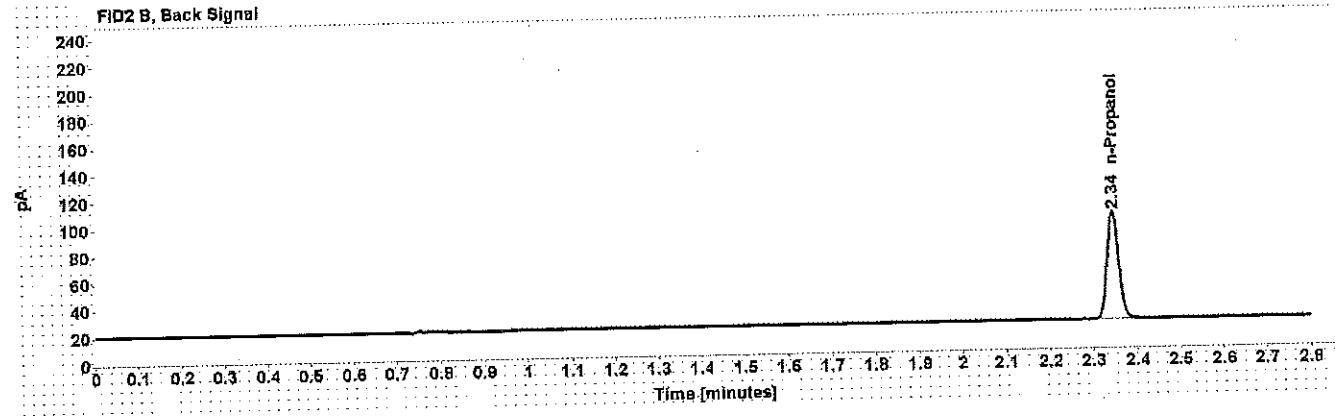
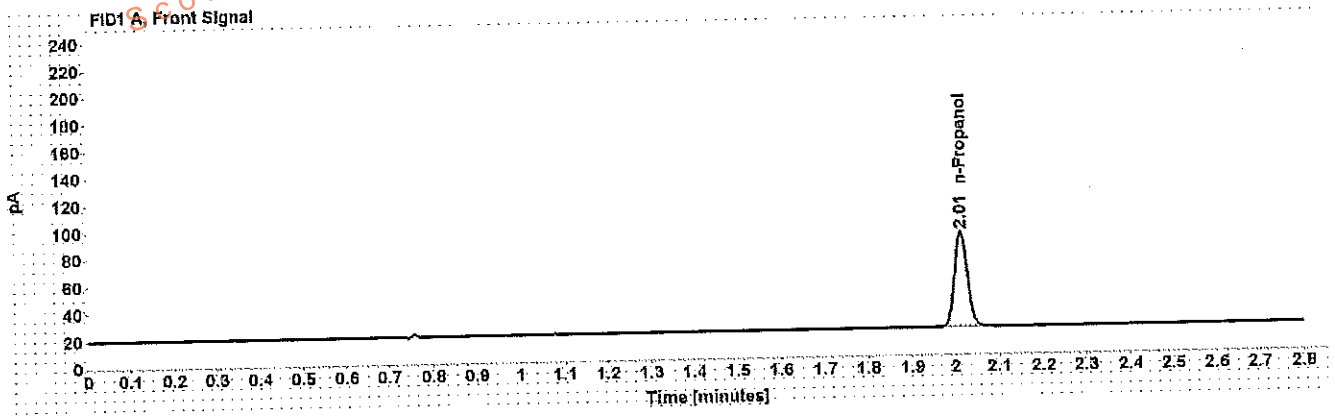


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	143.633

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

Compound	Time (min)	Peak Area
n-Propanol	2.344	147.945

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: volatiles mix 020917 WLA	Item number:
Injection date: 3/6/2017 4:02:48 PM	Vial: 6
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Mar17\6.D	

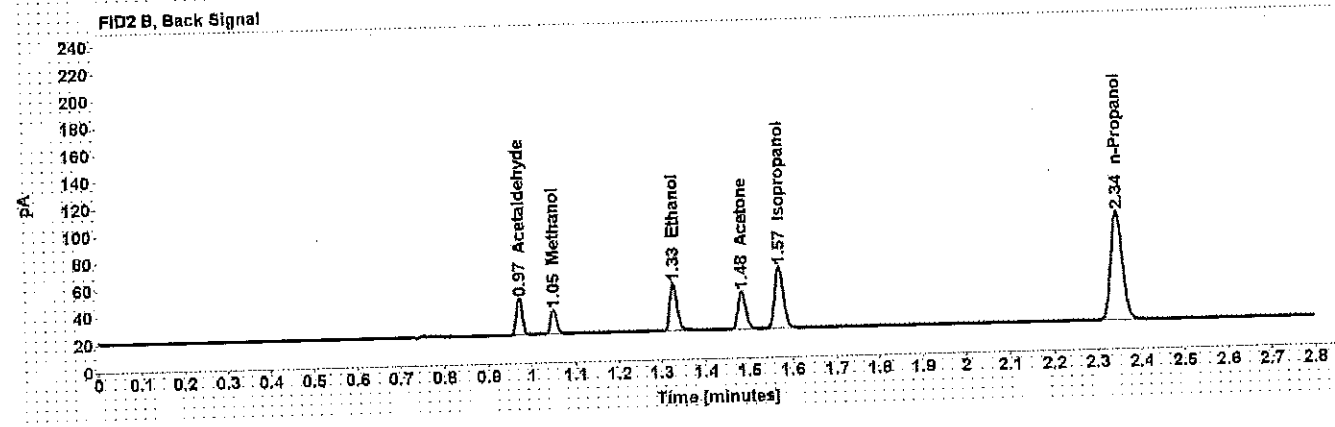
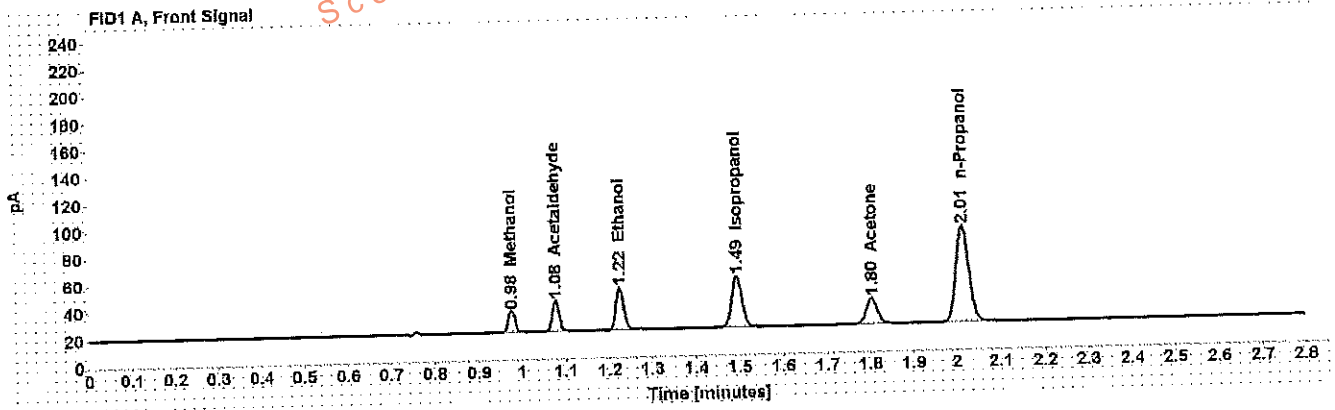


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.976	17.578
Acetaldehyde	-----	1.077	24.621
>Ethanol	0.0733	1.224	39.727
Isopropanol	-----	1.493	61.548
Acetone	-----	1.804	33.887
n-Propanol	-----	2.014	145.223

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	25.929
Methanol	1.050	18.045
Ethanol	1.327	40.852
Acetone	1.483	34.727
Isopropanol	1.570	63.863
n-Propanol	2.344	149.543

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.400 Lipomed 08012015-C	Item number:
Injection date: 3/6/2017 4:07:02 PM	Vial: 7
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\6Mar17\7.D	

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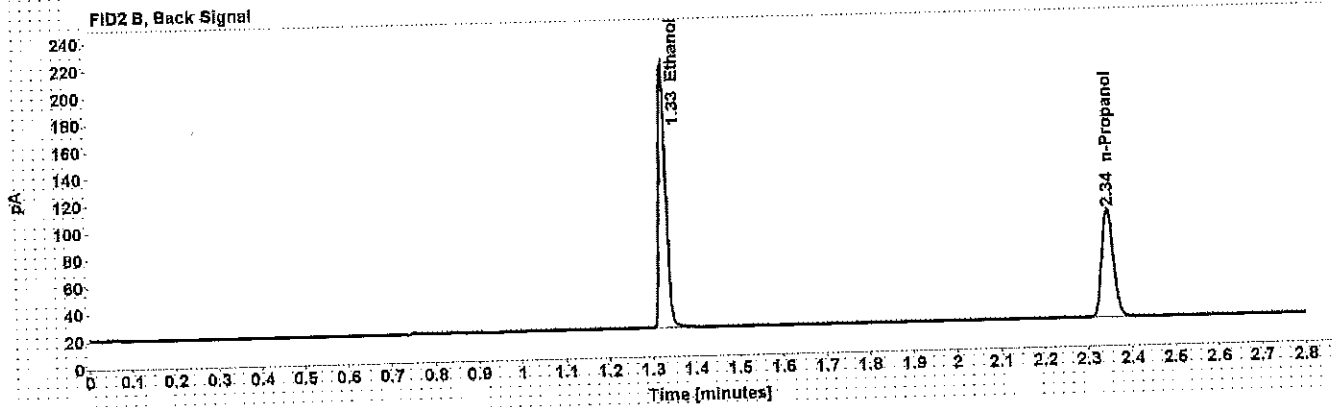
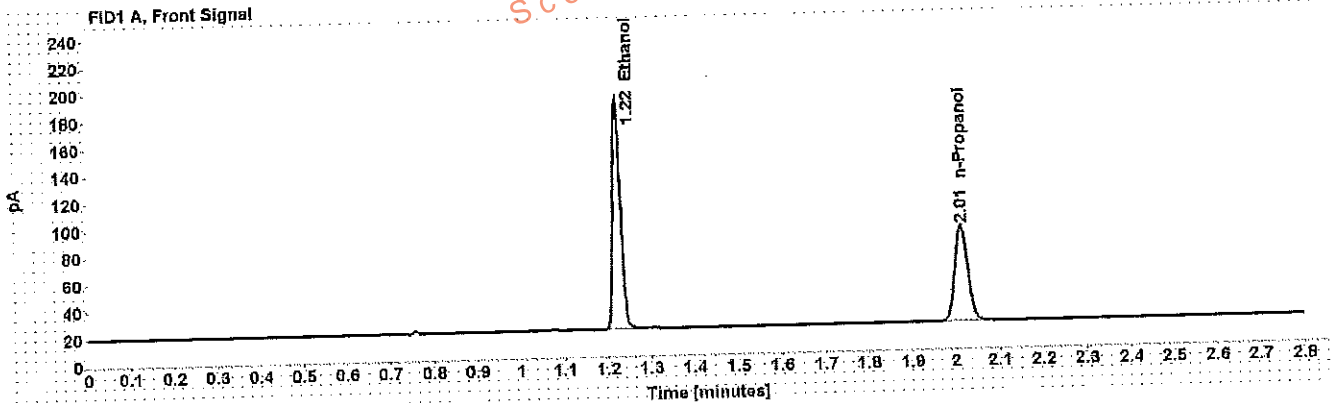


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3951	1.223	216.822
n-Propanol	-----	2.014	144.228

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

Compound	Time (min)	Peak Area
Ethanol	1.326	224.848
n-Propanol	2.345	148.519

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.040 Lipomed 09022015-A	Item number:
Injection date: 3/6/2017 4:11:03 PM	Vial: 8
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Mar17\8.D	

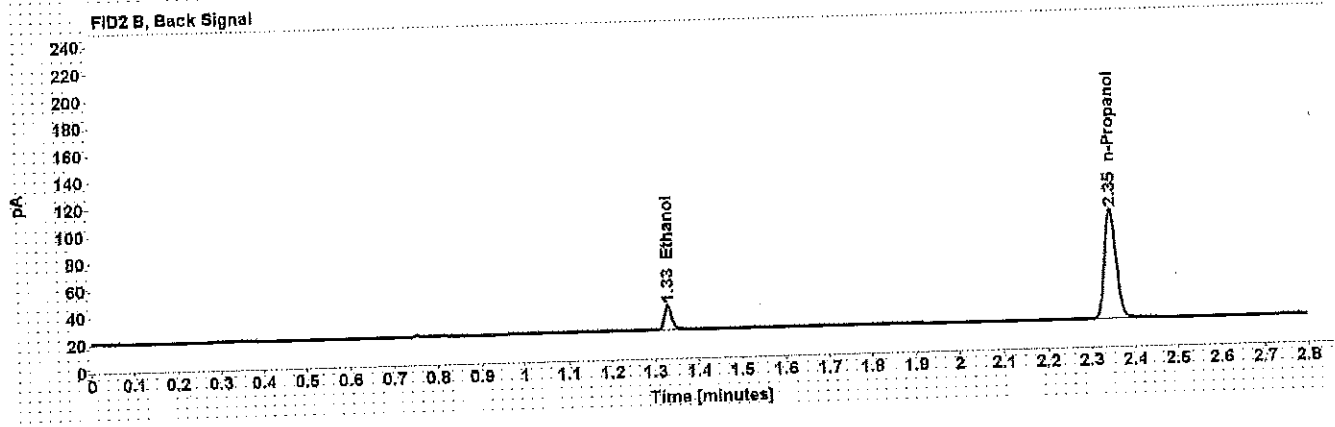
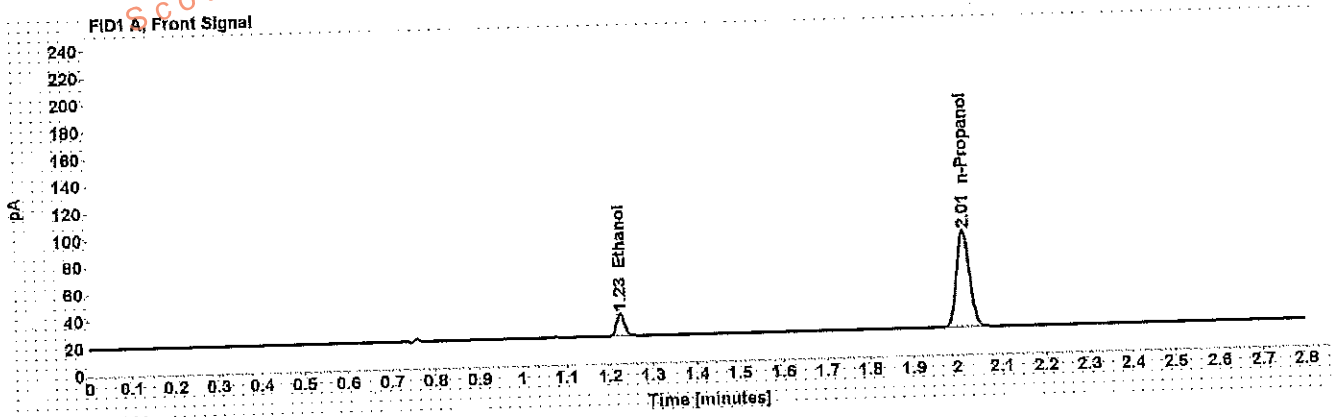


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0394	1.225	21.011
n-Propanol	-----	2.015	145.989

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

Compound	Time (min)	Peak Area
Ethanol	1.329	21.537
n-Propanol	2.345	150.560

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0.20 ACQ 407041529/3	Item number:	9
Injection date:	3/6/2017 4:15:03 PM	Vial:	6Mar17
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\6Mar17\9.D		

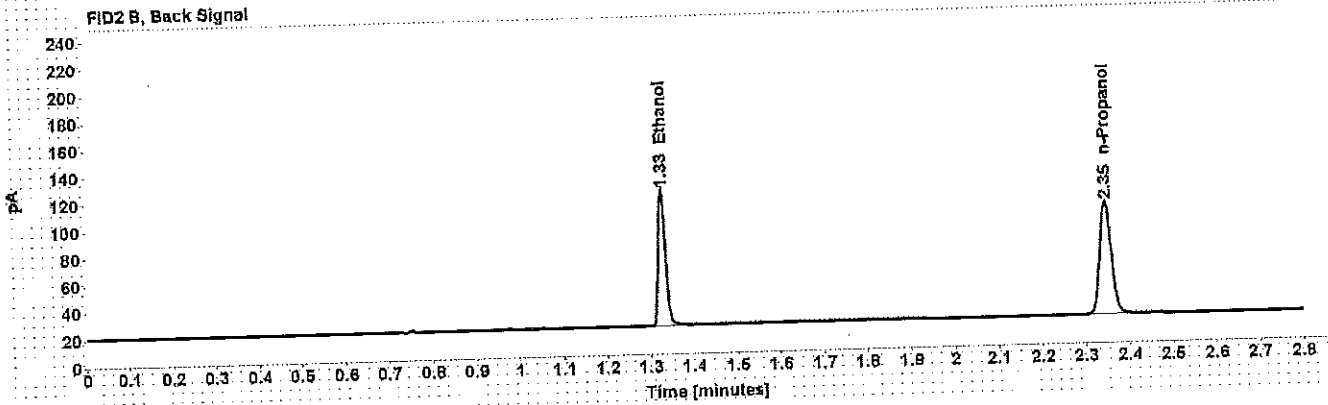
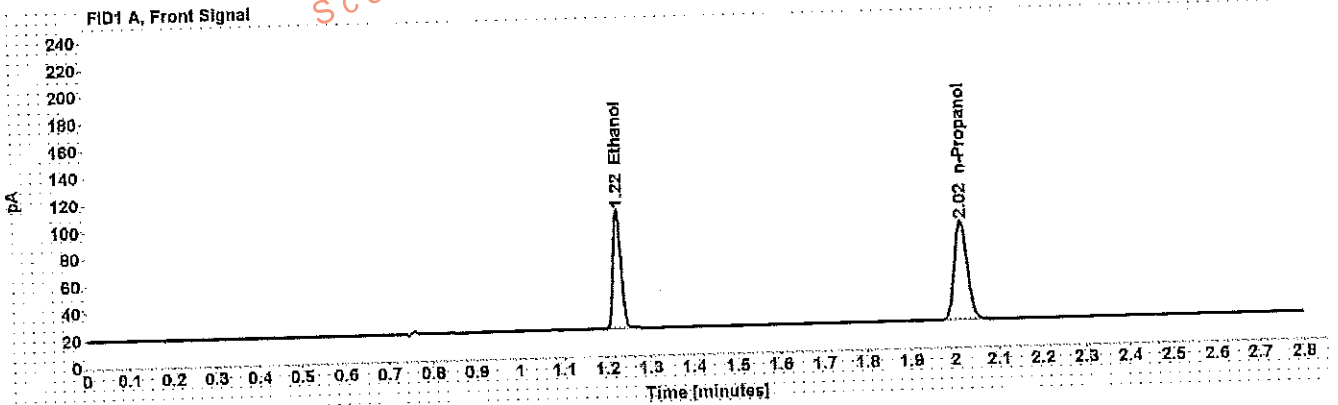


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1978	1.225	112.169
n-Propanol	-----	2.015	149.715

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

Compound	Time (min)	Peak Area
Ethanol	1.328	116.012
n-Propanol	2.346	154.238

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: 0.080 Lipomed 28082014-B
Injection date: 3/6/2017 4:59:33 PM
Method: ethanol quant.M
Instrument: US14173023 CN14160045
Data file: C:\Chem32\1\Data\6Mar17\20.D
Item number:
Vial: 20
Sequence: 6Mar17
Analyst: Adrian

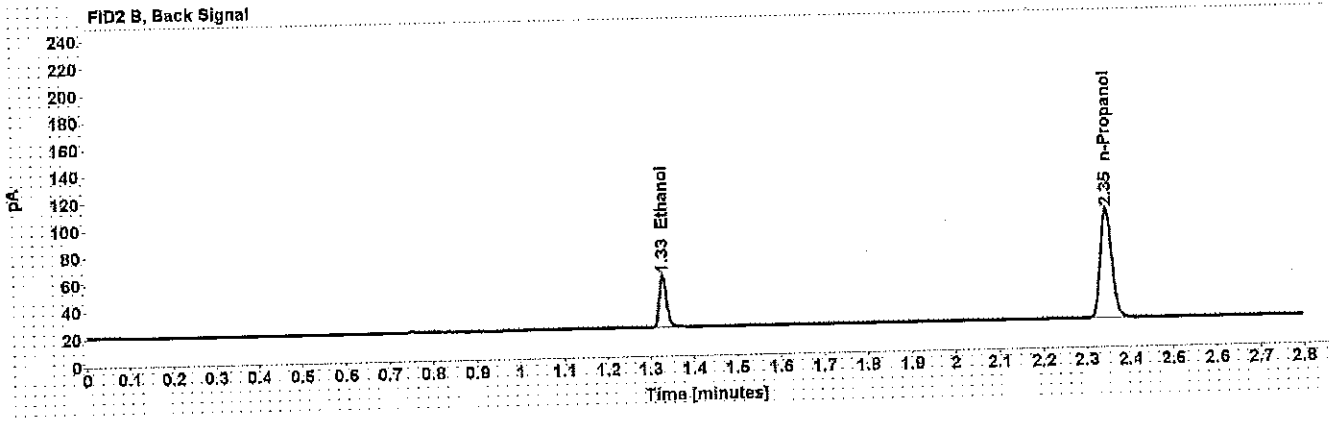
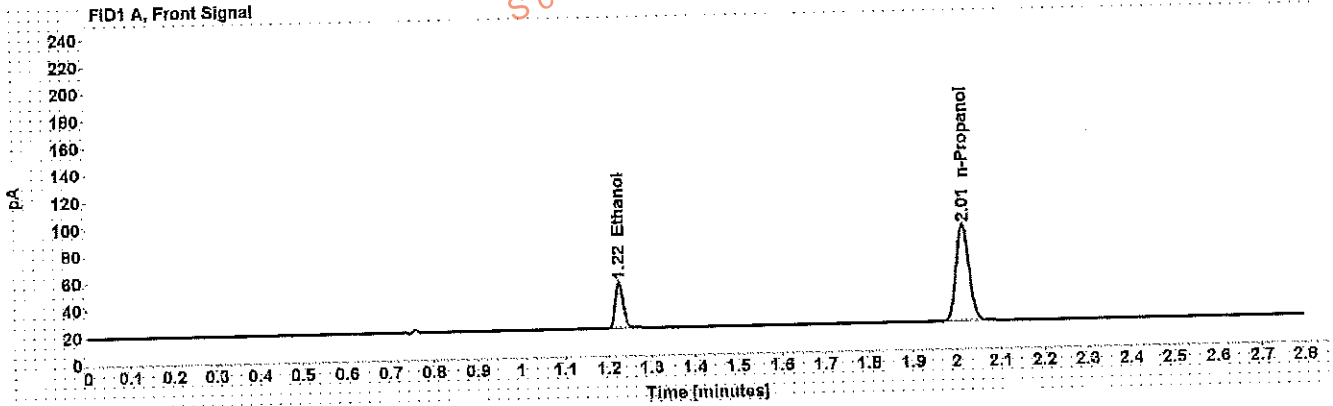


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0799	1.225	43.561
n-Propanol	-----	2.015	145.885

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

Compound	Time (min)	Peak Area
Ethanol	1.329	44.895
n-Propanol	2.346	150.639

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.150 Lipomed 09022015-C
Injection date: 3/6/2017 5:44:03 PM
Method: ethanol.quant.M
Instrument: US14173023 CN14160045
Data file: C:\Chem32\1\Data\6Mar17\31.D

Item number:
Vial: 31
Sequence: 6Mar17
Analyst: Adrian

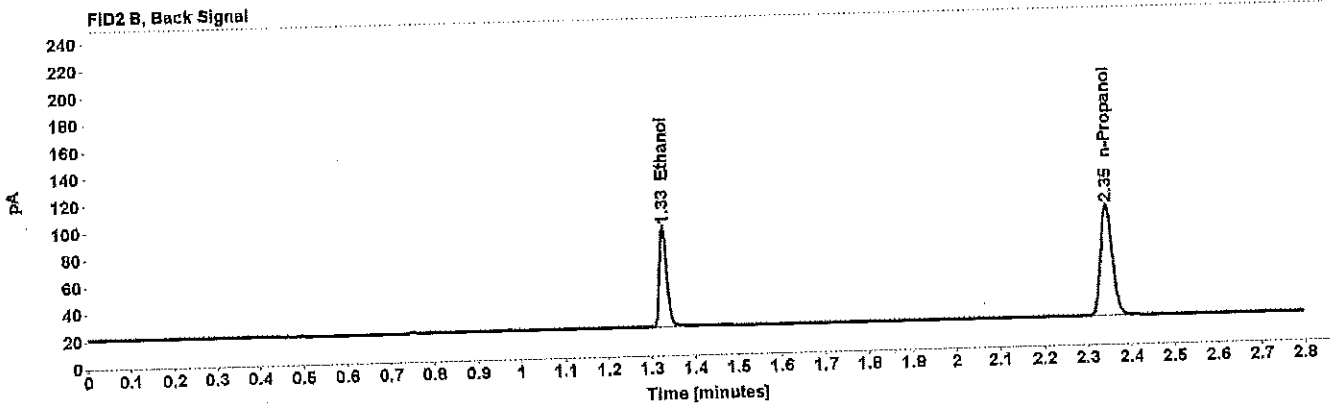
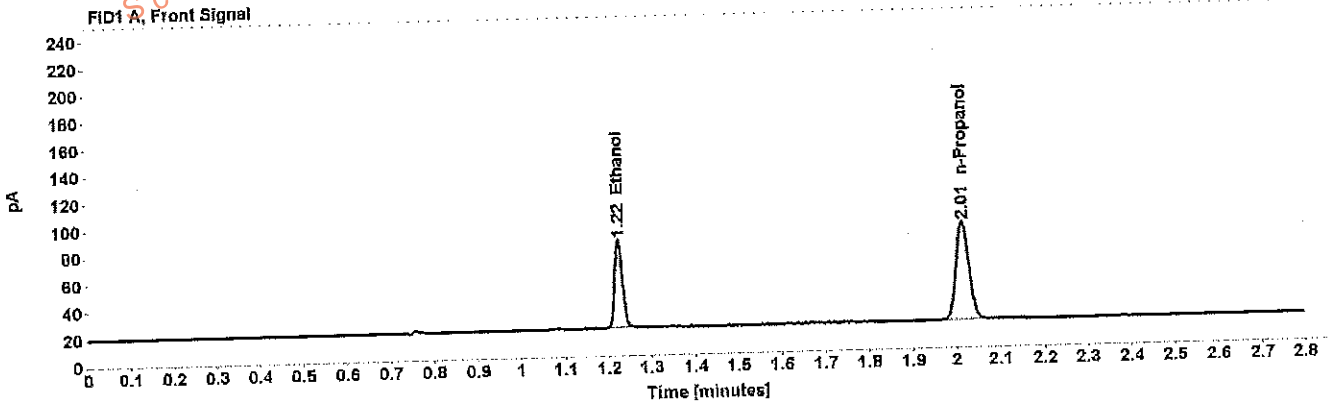


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1499	1.224	83.504
n-Propanol	-----	2.015	147.523

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

Compound	Time (min)	Peak Area
Ethanol	1.328	86.384
n-Propanol	2.345	152.327

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.20 ACQ 407041529/3	Item number:
Injection date: 3/6/2017 6:28:18 PM	Vial: 42
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
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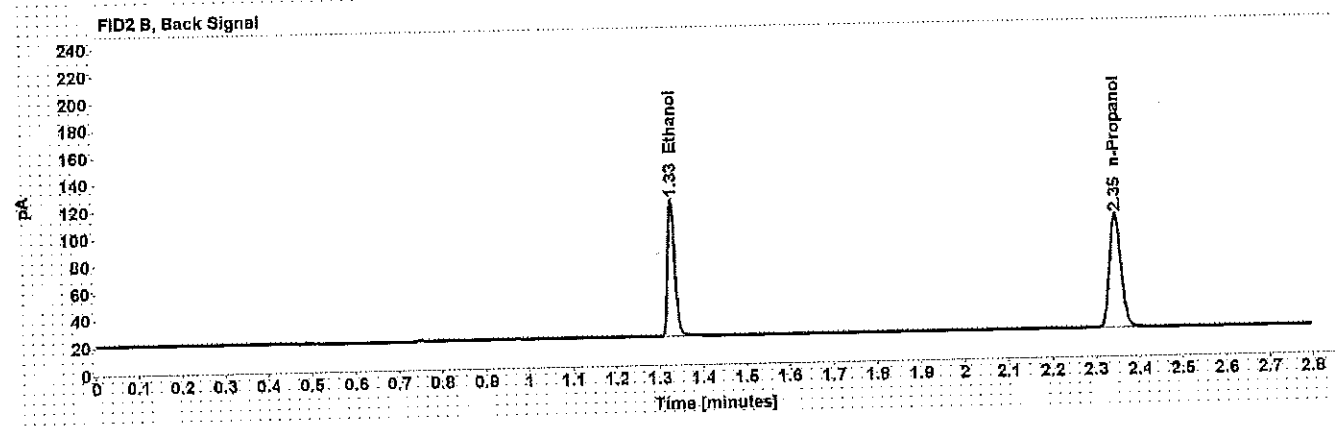
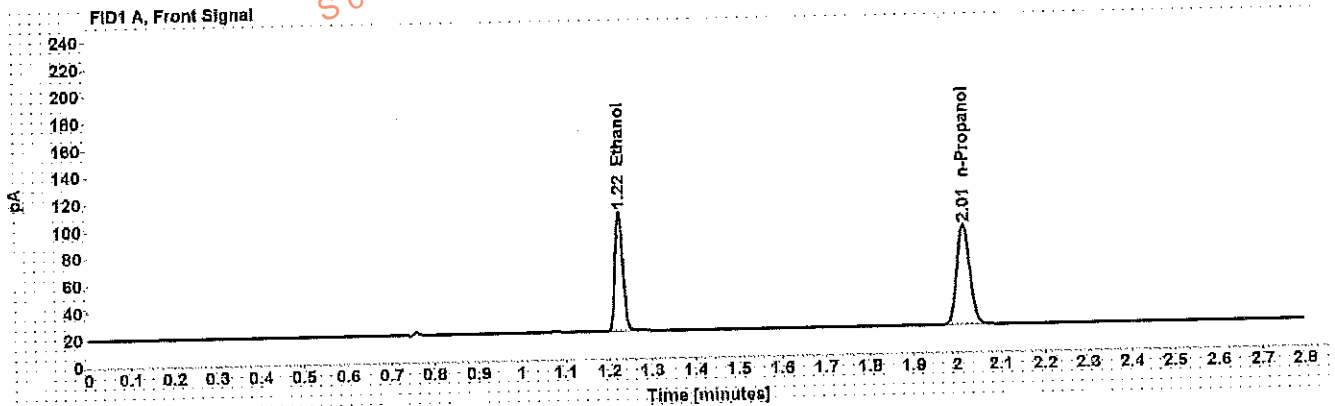


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1974	1.224	113.149
n-Propanol	-----	2.015	151.331

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

Compound	Time (min)	Peak Area
Ethanol	1.328	117.208
n-Propanol	2.346	156.278

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: 0.080 Lipomed 28082014-B
Injection date: 3/6/2017 7:12:48 PM
Method: ethanol quant.M
Instrument: US14173023 CN14160045
Data file: C:\Chem32\1\Data\6Mar17\53.D
Item number:
Vial: 53
Sequence: 6Mar17
Analyst: Adrian

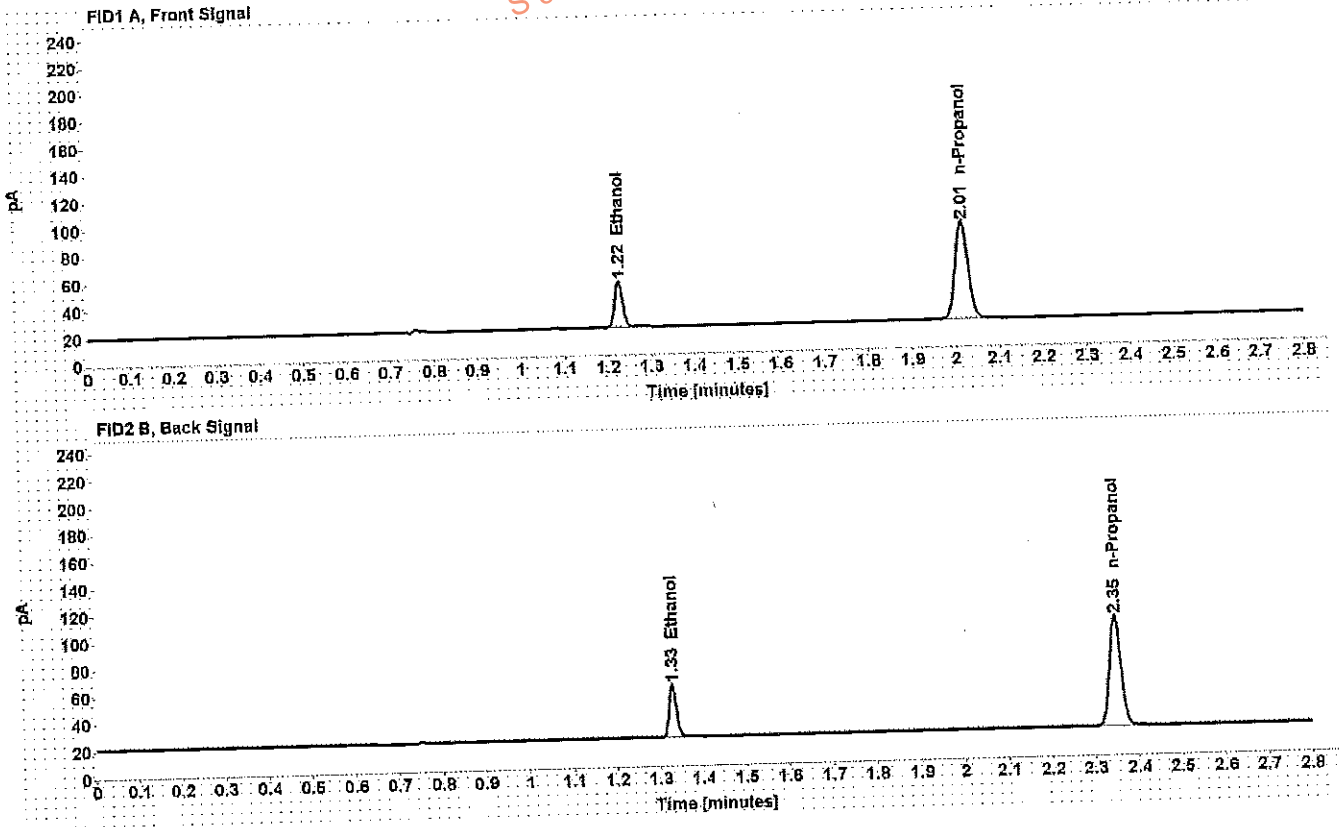


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0798	1.225	43.803
n-Propanol	-----	2.015	146.778

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

Compound	Time (min)	Peak Area
Ethanol	1.328	45.092
n-Propanol	2.346	151.730

Scottsdale Police Department Crime Lab Volatiles Analysis

wh

Sample: 0.150 Lipomed 09022015-C Injection date: 3/6/2017 7:57:18 PM Method: ethanol.quant.M Instrument: US14173023 CN14160045 Data file: C:\Chem32\1\Data\6Mar17\64.D	Item number: Vial: 64 Sequence: 6Mar17 Analyst: Adrian
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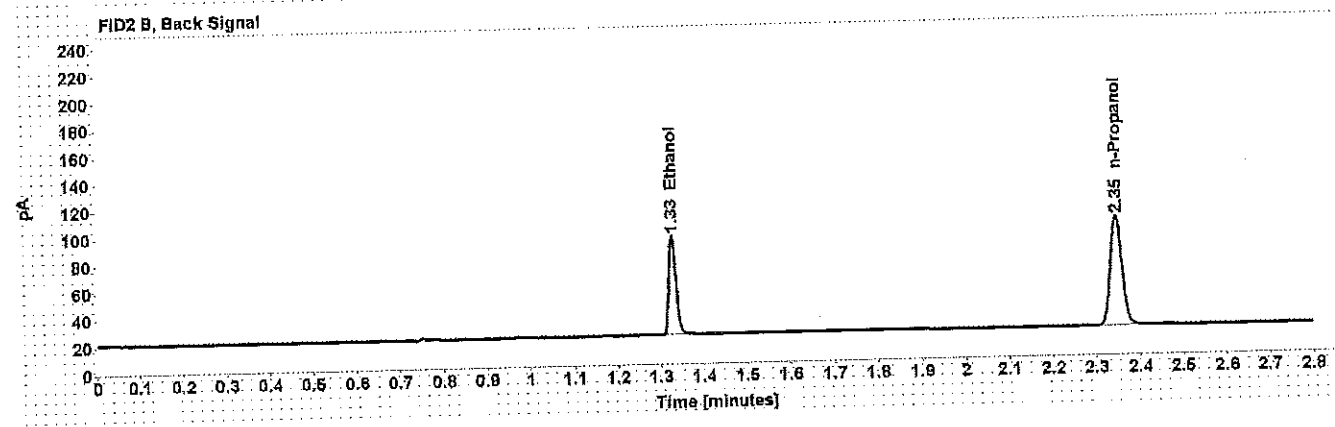
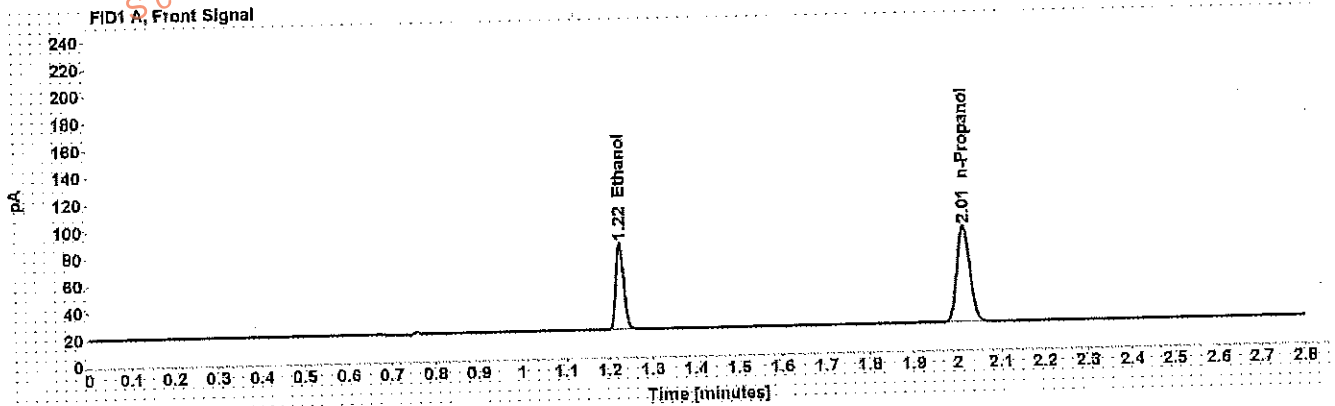


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1487	1.224	82.063
n-Propanol	-----	2.015	146.085

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

Compound	Time (min)	Peak Area
Ethanol	1.328	84.865
n-Propanol	2.346	151.039

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Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	0.20 ACQ 407041529/3	Item number:	
Injection date:	3/6/2017 8:41:48 PM	Vial:	75
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14180045	Analyst:	Adrian
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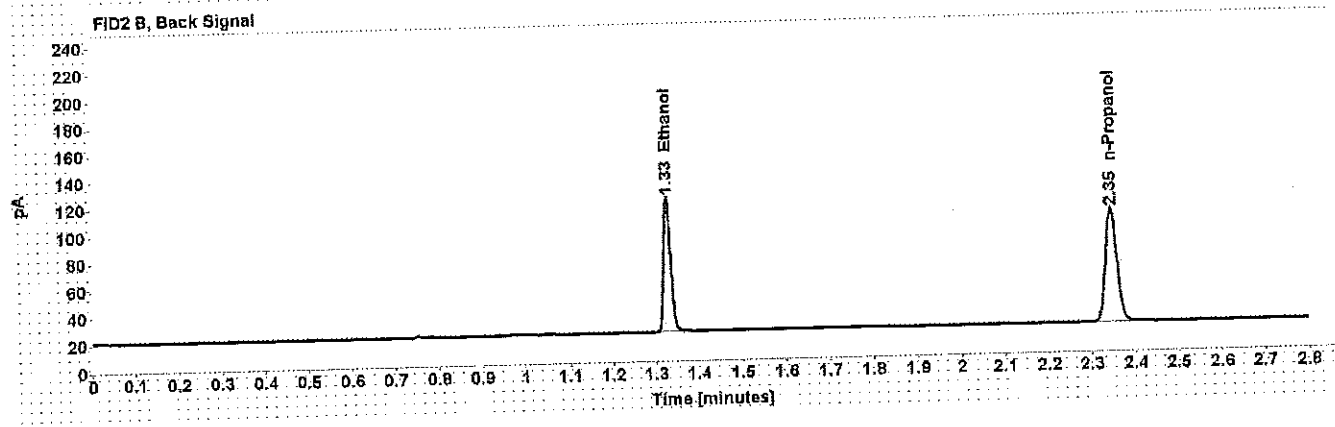
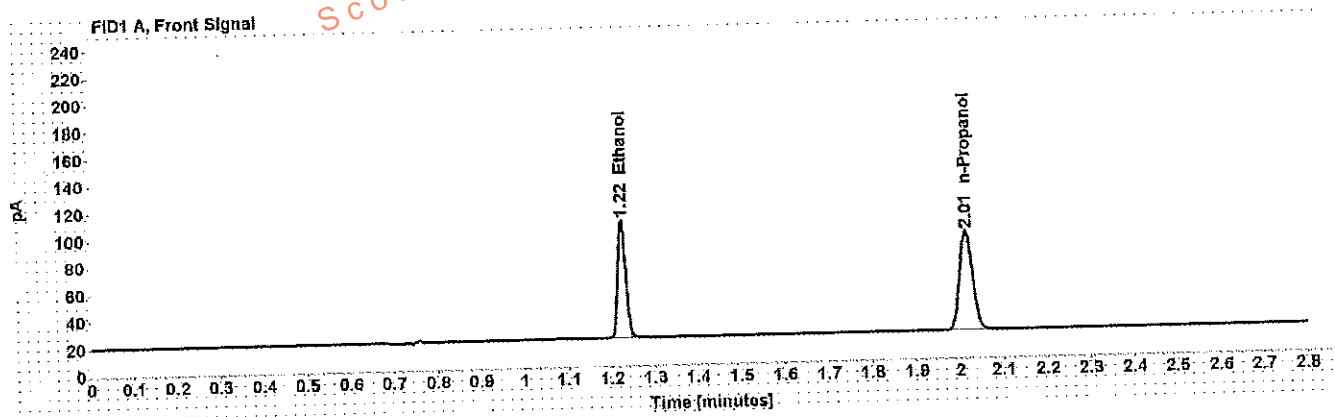


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1961	1.224	111.462
n-Propanol	-----	2.015	150.084

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

Compound	Time (min)	Peak Area
Ethanol	1.327	115.282
n-Propanol	2.346	154.926

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	0.40 Lipomed 08012015-C	Item number:	
Injection date:	3/6/2017 8:53:48 PM	Vial:	78
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Mar17\178.D		

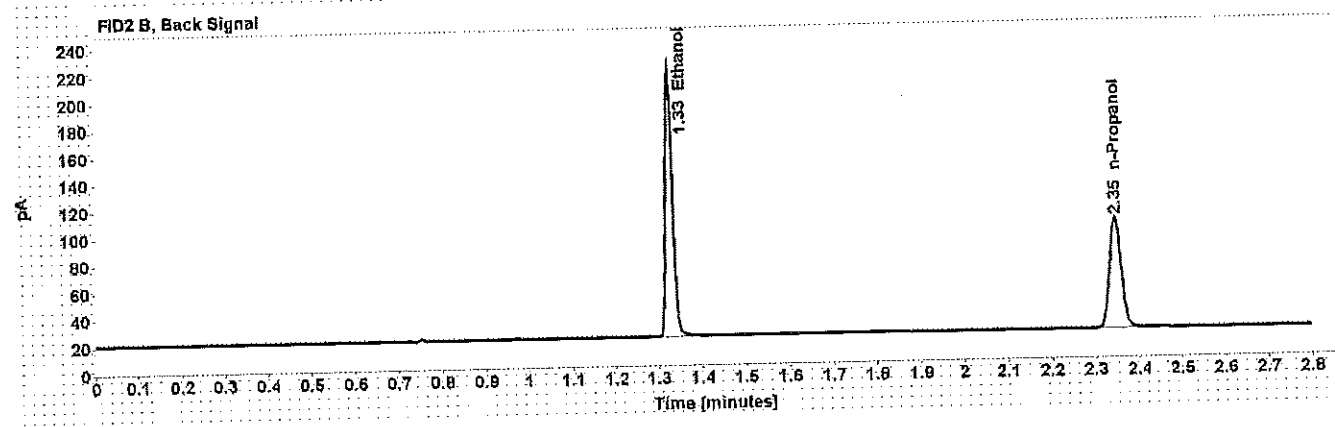
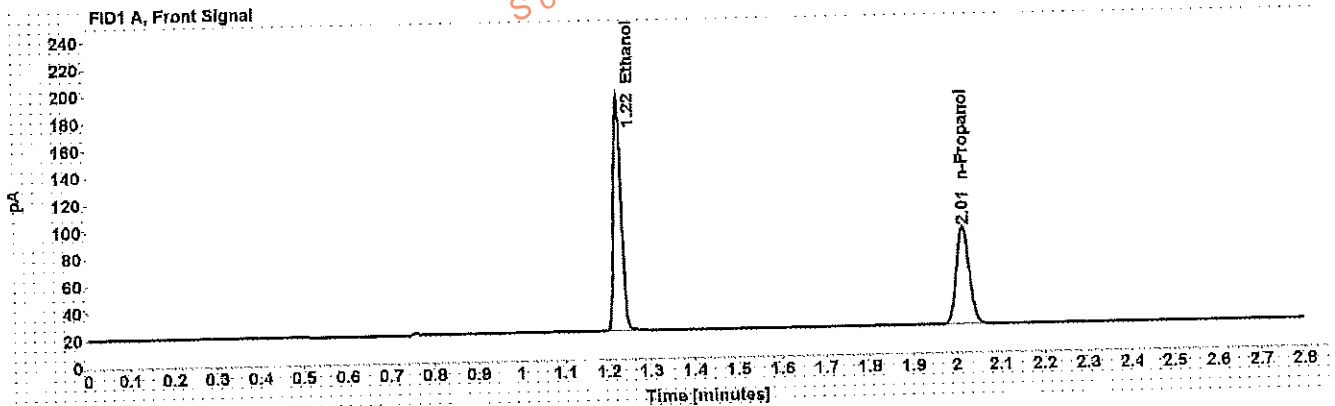


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3959	1.224	221.574
n-Propanol	-----	2.015	147.094

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

Compound	Time (min)	Peak Area
Ethanol	1.327	229.895
n-Propanol	2.345	151.896

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.04 Lipomed 09022015-A
Injection date: 3/6/2017 8:58:03 PM
Method: ethanol quant.M
Instrument: US14173023 GN14160045
Data file: C:\Chem32\1\Data\6Mar17\79.D

Item number:
Vial: 79
Sequence: 6Mar17
Analyst: Adrian

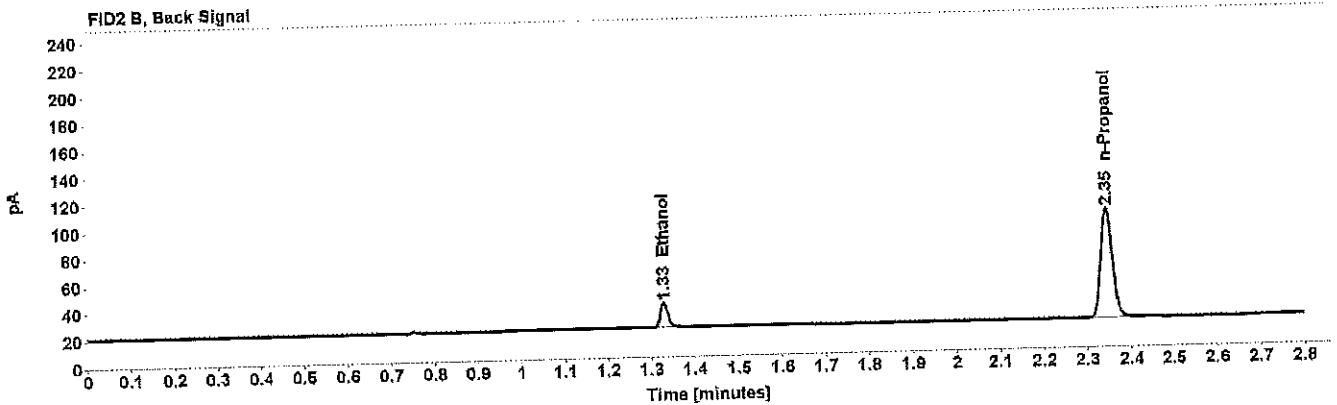
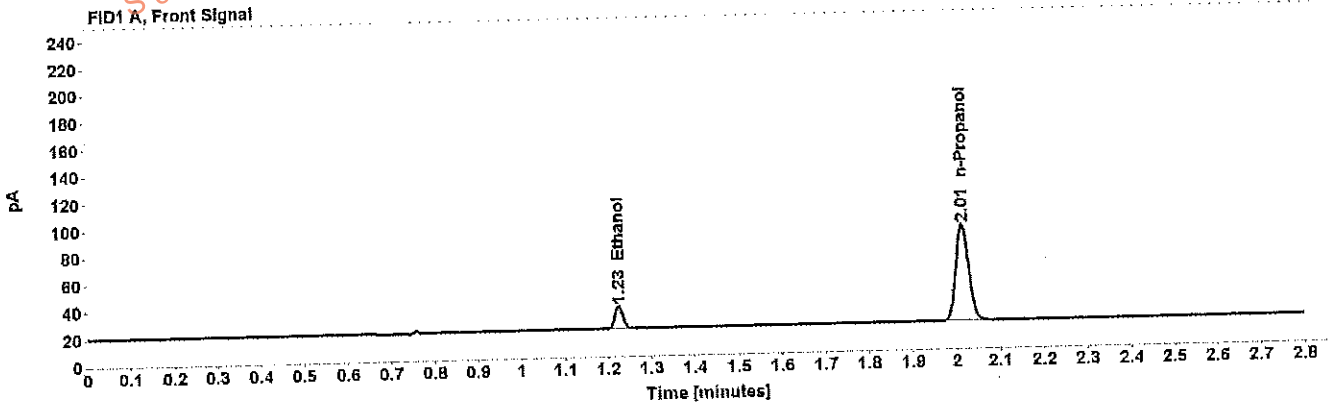


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0397	1.225	21.081
n-Propanol	-----	2.015	145.320

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

Compound	Time (min)	Peak Area
Ethanol	1.329	21.705
n-Propanol	2.345	150.147

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	0.20 ACQ 407041529/3	Item number:	
Injection date:	3/6/2017 9:02:03 PM	Vial:	80
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\6Mar17\80.D		

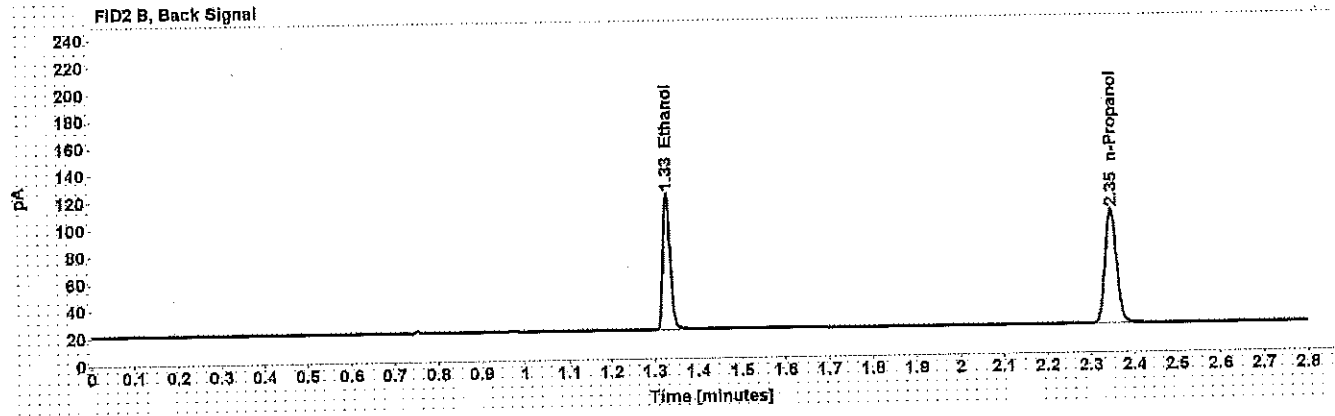
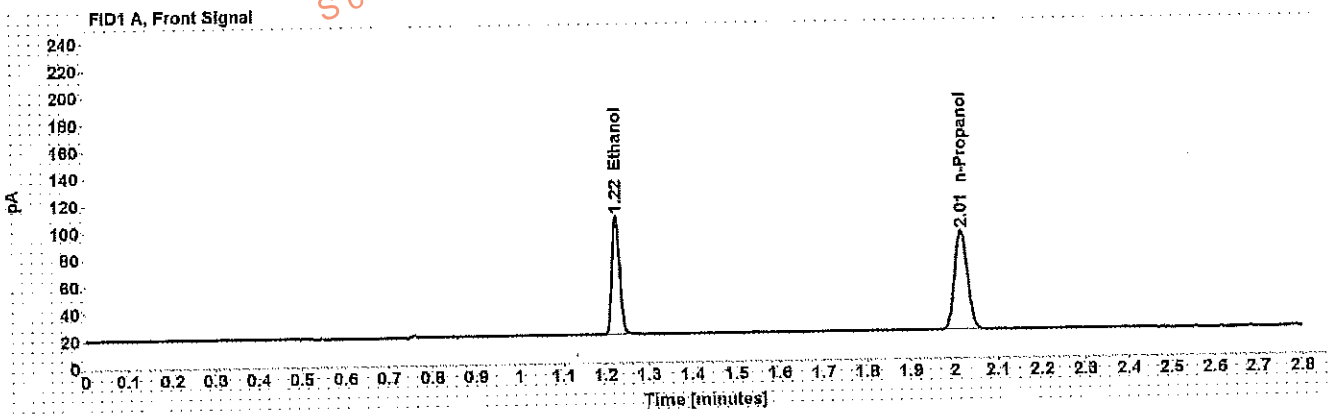


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1965	1.224	112.487
n-Propanol	-----	2.015	151.148

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

Compound	Time (min)	Peak Area
Ethanol	1.328	116.347
n-Propanol	2.346	156.317

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	blank 012517	Item number:	81
Injection date:	3/6/2017 9:06:03 PM	Vial:	81
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Mar17\81.D		

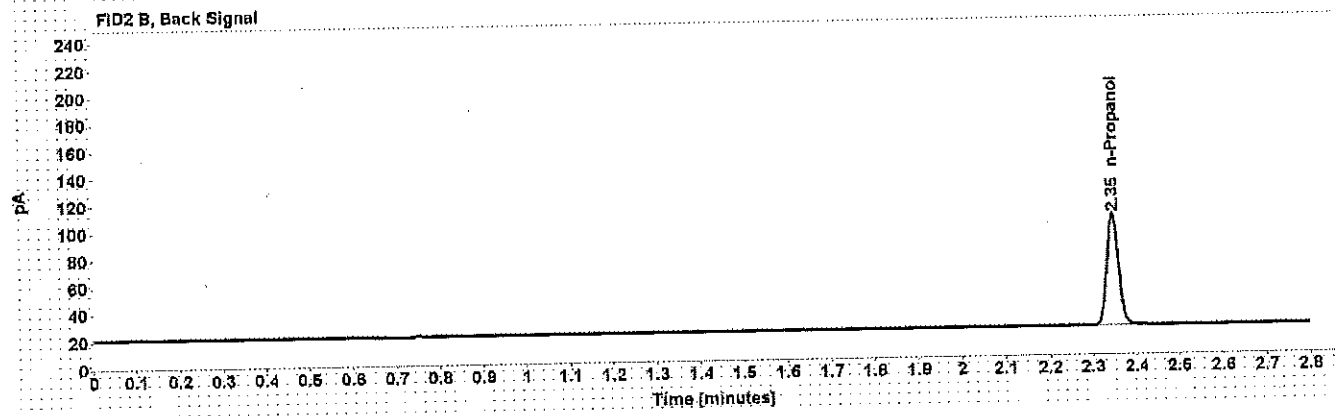
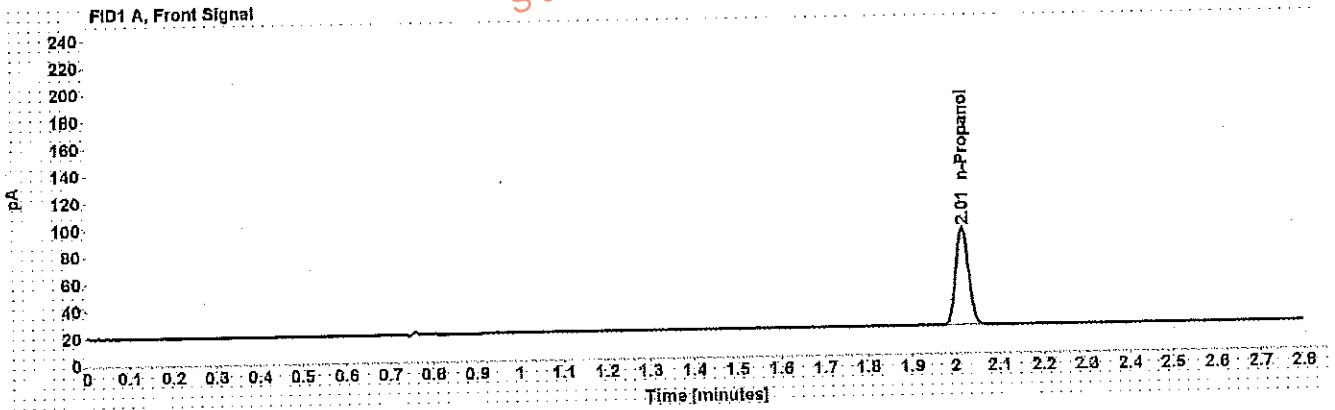


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	147.894

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

Compound	Time (min)	Peak Area
n-Propanol	2.346	153.011

Sequence Summary

Sequence name: 6Mar17 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	1142072	ethanol quant.M
11		Sample	1142072	ethanol quant.M
12		Sample	1123118	ethanol quant.M
13		Sample	1123118	ethanol quant.M
14		Sample	1117094	ethanol quant.M
15		Sample	1117094	ethanol quant.M
16		Sample	285-01A	ethanol quant.M
17		Sample	285-01A	ethanol quant.M
18		Sample	1046919	ethanol quant.M
19		Sample	1046919	ethanol quant.M
20	0.080 Lipomed 28062014-B	Control		ethanol quant.M
21		Sample	1137797	ethanol quant.M
22		Sample	1137797	ethanol quant.M
23		Sample	1107037	ethanol quant.M
24		Sample	1107037	ethanol quant.M
25		Sample	1106027	ethanol quant.M
26		Sample	1106027	ethanol quant.M
27		Sample	1140343	ethanol quant.M
28		Sample	1140343	ethanol quant.M
29		Sample	1105006	ethanol quant.M
30		Sample	1105006	ethanol quant.M
31	0.150 Lipomed 09022015-C	Control		ethanol quant.M
32		Sample	1141311	ethanol quant.M
33		Sample	1141311	ethanol quant.M
34		Sample	1141255	ethanol quant.M
35		Sample	1141255	ethanol quant.M
36		Sample	1141307	ethanol quant.M
37		Sample	1141307	ethanol quant.M
38		Sample	1142000	ethanol quant.M
39		Sample	1142000	ethanol quant.M
40		Sample	1142004	ethanol quant.M
41		Sample	1142004	ethanol quant.M
42	0.20 ACQ 407041529/3	Control		ethanol quant.M
43		Sample	1137660	ethanol quant.M
44		Sample	1137660	ethanol quant.M
45		Sample	1138039	ethanol quant.M
46		Sample	1138039	ethanol quant.M
47		Sample	1137642	ethanol quant.M

WA

Sequence Summary

48		Sample	1137642	ethanol quant.M
49		Sample	0000001	ethanol quant.M
50		Sample	0000001	ethanol quant.M
51		Sample	0000002	ethanol quant.M
52		Sample	0000002	ethanol quant.M
53	0.080 Lipomed 28082014-B	Control		ethanol quant.M
54		Sample	0000003	ethanol quant.M
55		Sample	0000003	ethanol quant.M
56		Sample	0000004	ethanol quant.M
57		Sample	0000004	ethanol quant.M
58		Sample	1137141	ethanol quant.M
59		Sample	1137141	ethanol quant.M
60		Sample	1138128	ethanol quant.M
61		Sample	1138128	ethanol quant.M
62		Sample	1138814	ethanol quant.M
63		Sample	1138814	ethanol quant.M
64	0.150 Lipomed 09022015-C	Control		ethanol quant.M
65		Sample	1138366	ethanol quant.M
66		Sample	1138366	ethanol quant.M
67		Sample	1138818	ethanol quant.M
68		Sample	1138818	ethanol quant.M
69		Sample	1137337	ethanol quant.M
70		Sample	1137337	ethanol quant.M
71		Sample	1138890	ethanol quant.M
72		Sample	1138890	ethanol quant.M
73		Sample	1137644	ethanol quant.M
74		Sample	1137644	ethanol quant.M
75	0.20 ACQ 407041529/3	Control		ethanol quant.M
76		Sample	1138676	ethanol quant.M
77		Sample	1138676	ethanol quant.M
78	0.40 Lipomed 08012015-C	Control		ethanol quant.M
79	0.04 Lipomed 09022015-A	Control		ethanol quant.M
80	0.20 ACQ 407041529/3	Control		ethanol quant.M
81	blank 012517	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 6Mar17

ANALYST: Adrian

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1068	0.1058	0.10630	0.47	0.00050
12 13	0.0315	0.0314	0.03145	0.16	0.00005
14 15	0.0967	0.0977	0.09720	0.51	0.00050
16 17	0.1724	0.1729	0.17265	0.14	0.00025
18 19	0.1718	0.1728	0.17230	0.29	0.00050
21 22	0.3390	0.3373	0.33815	0.25	0.00085
23 24	0.1701	0.1699	0.17000	0.06	0.00010
25 26	0.1980	0.1983	0.19815	0.08	0.00015
27 28	0.3538	0.3507	0.35225	0.44	0.00155
29 30	0.1096	0.1093	0.10945	0.14	0.00015
32 33	0.1673	0.1694	0.16835	0.62	0.00105
34 35	0.3853	0.3862	0.38575	0.12	0.00045
36 37	0.0875	0.0874	0.08745	0.06	0.00005
38 39	0.3988	0.4005	0.39965	0.21	0.00085
40 41	0.2176	0.2178	0.21770	0.05	0.00010
43 44	0.1911	0.1920	0.19155	0.23	0.00045
45 46	0.2838	0.2811	0.28245	0.48	0.00135
47 48	0.0961	0.0953	0.09570	0.42	0.00040
49 50	0.0387	0.0387	0.03870	0.00	0.00000
51 52	0.1273	0.1271	0.12720	0.08	0.00010
54 55	0.2594	0.2587	0.25905	0.14	0.00035
56 57	0.2036	0.2036	0.20360	0.00	0.00000
58 59	0.1809	0.1800	0.18045	0.25	0.00045
60 61	0.2122	0.2111	0.21165	0.26	0.00055
62 63	0.0837	0.0834	0.08355	0.18	0.00015
65 66	0.1521	0.1535	0.15280	0.46	0.00070
67 68	0.1005	0.1004	0.10045	0.05	0.00005
69 70	0.0731	0.0726	0.07285	0.34	0.00025
71 72	0.0681	0.0682	0.06815	0.07	0.00005
73 74	0.0914	0.0926	0.09200	0.65	0.00060
76 77	0.1117	0.1112	0.11145	0.22	0.00025

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1142072
Injection date: 3/6/2017 4:19:02 PM	Vial: 10
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\6Mar17\10.D	

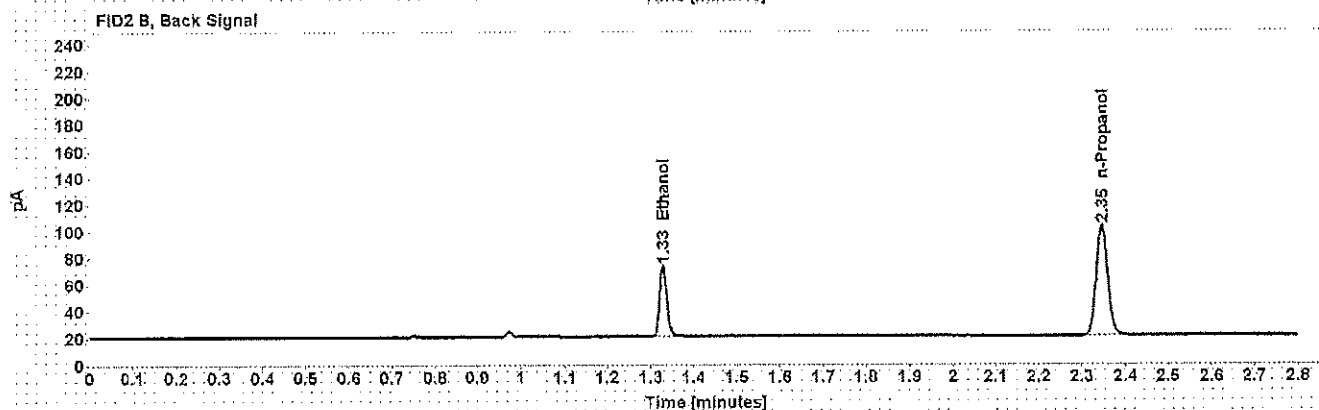
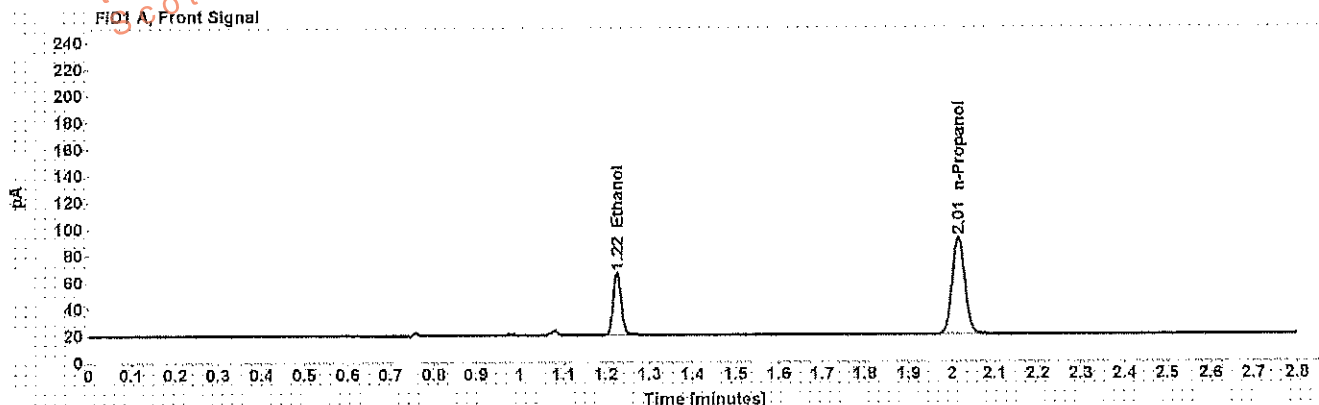


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1068	1.225	59.618
n-Propanol	-----	2.015	148.462

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

Compound	Time (min)	Peak Area
Ethanol	1.329	61.325
n-Propanol	2.348	153.300

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1142072
Injection date: 3/6/2017 4:23:03 PM	Vial: 11
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Mar17\11.D	

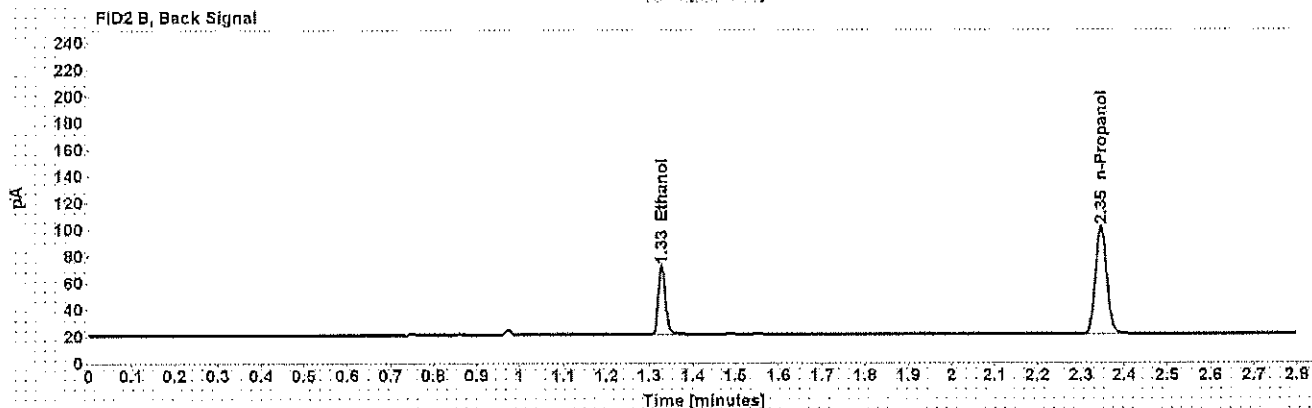
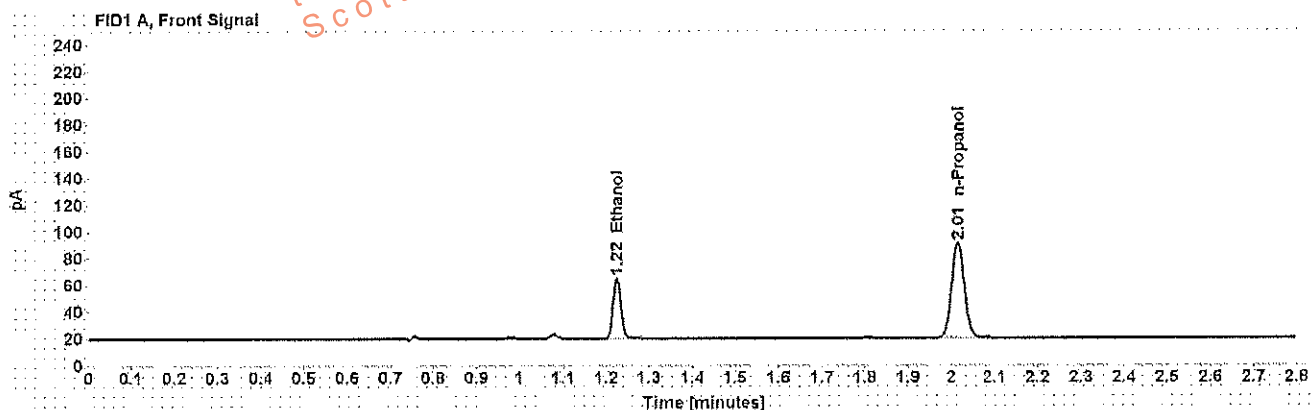


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1058	1.225	57.967
n-Propanol	-----	2.015	145.700

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

Compound	Time (min)	Peak Area
Ethanol	1.328	59.875
n-Propanol	2.346	150.617

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1123118
Injection date:	3/6/2017 4:27:03 PM	Vial:	12
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Mar17\112.D		

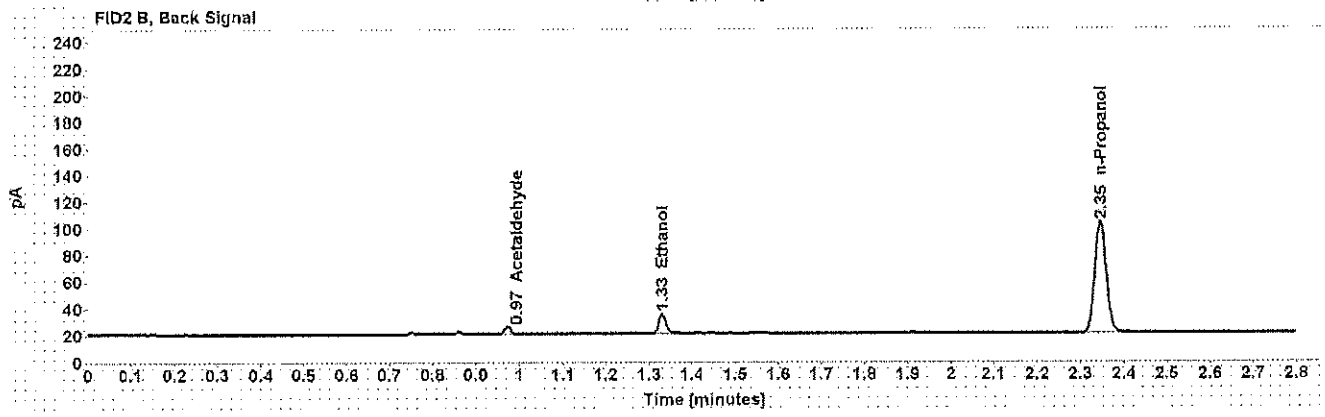
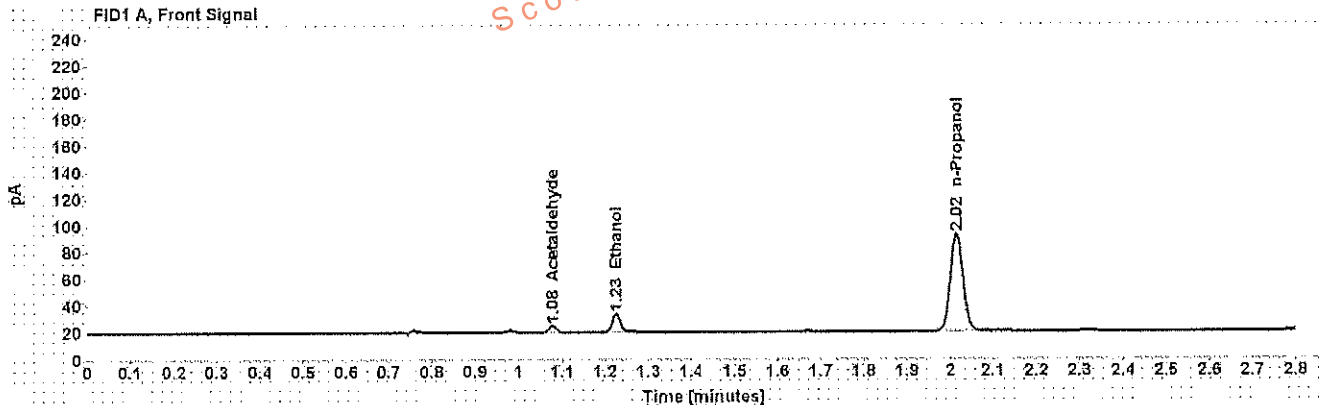


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.909
>Ethanol	0.0315	1.226	16.971
n-Propanol	-----	2.015	149.029

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.245
Ethanol	1.330	17.685
n-Propanol	2.346	154.513

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1123118
Injection date:	3/6/2017 4:31:18 PM	Vial:	13
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11Data\6Mar17\13.D		

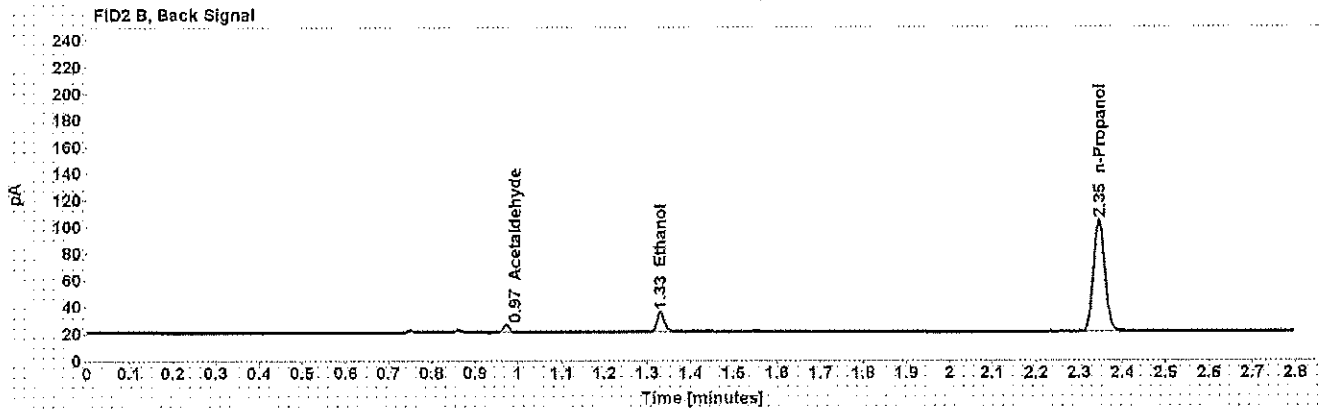
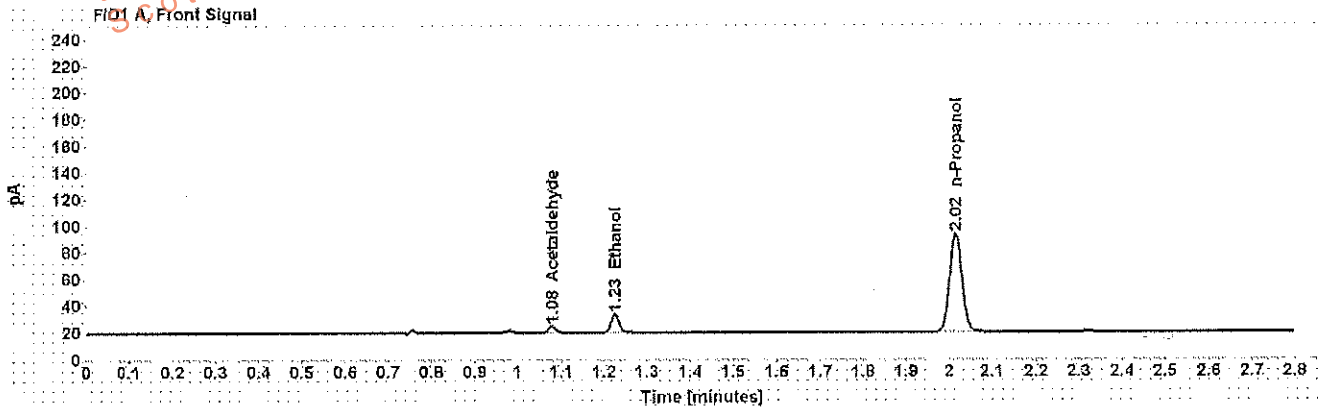


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.982
>Ethanol	0.0314	1.226	16.993
n-Propanol	-----	2.015	149.905

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.320
Ethanol	1.330	18.024
n-Propanol	2.346	155.175

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1117094
Injection date:	3/6/2017 4:35:18 PM	Vial:	14
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\6Mar17\14.D		

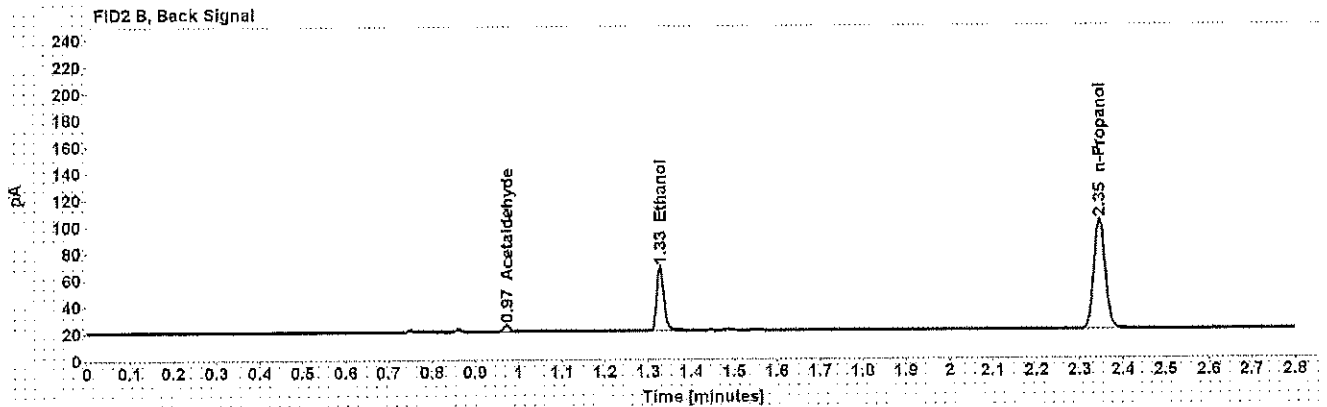
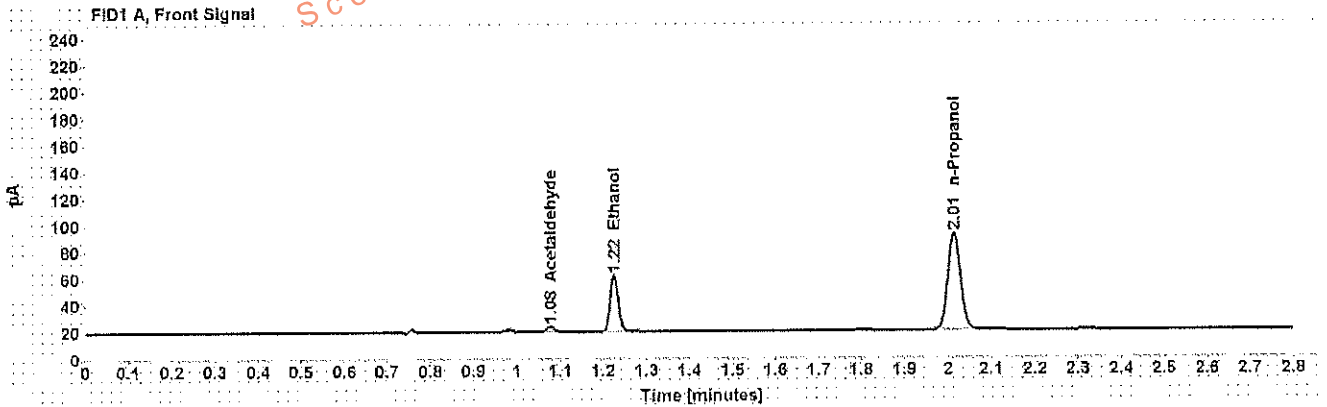


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.242
>Ethanol	0.0967	1.225	53.625
n-Propanol	-----	2.015	147.698

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.514
Ethanol	1.328	55.225
n-Propanol	2.346	152.911

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1117094
Injection date:	3/6/2017 4:39:18 PM	Vial:	15
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Mar17\15.D		

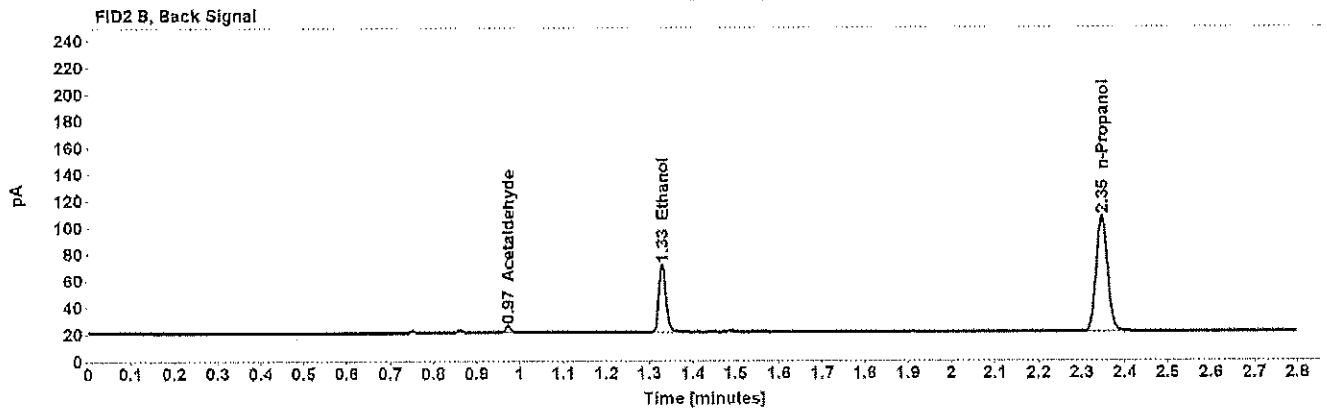
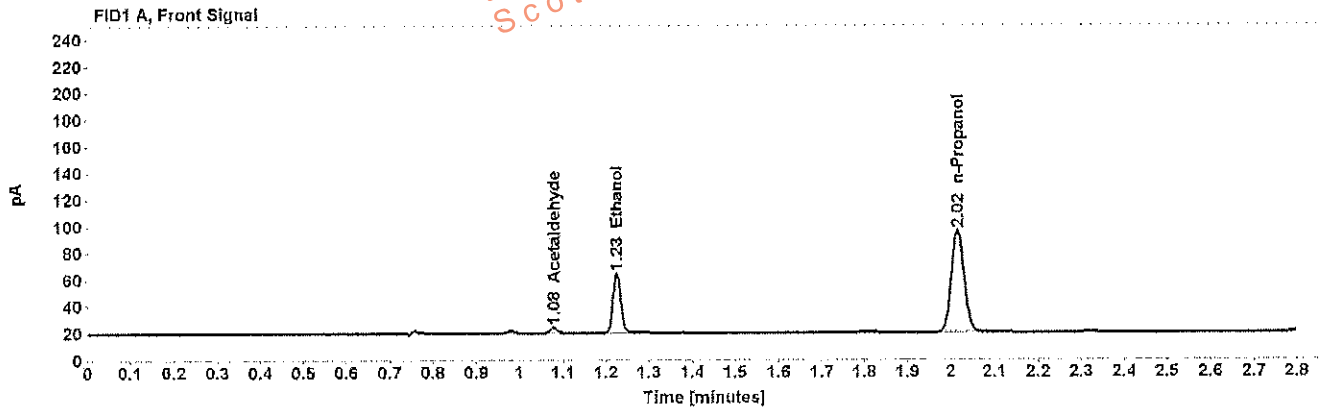


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.353
>Ethanol	0.0977	1.225	56.976
n-Propanol	-----	2.015	155.291

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.629
Ethanol	1.329	58.750
n-Propanol	2.346	160.589

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	285-01A
Injection date:	3/6/2017 4:43:17 PM	Vial:	16
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Mar17\16.D		

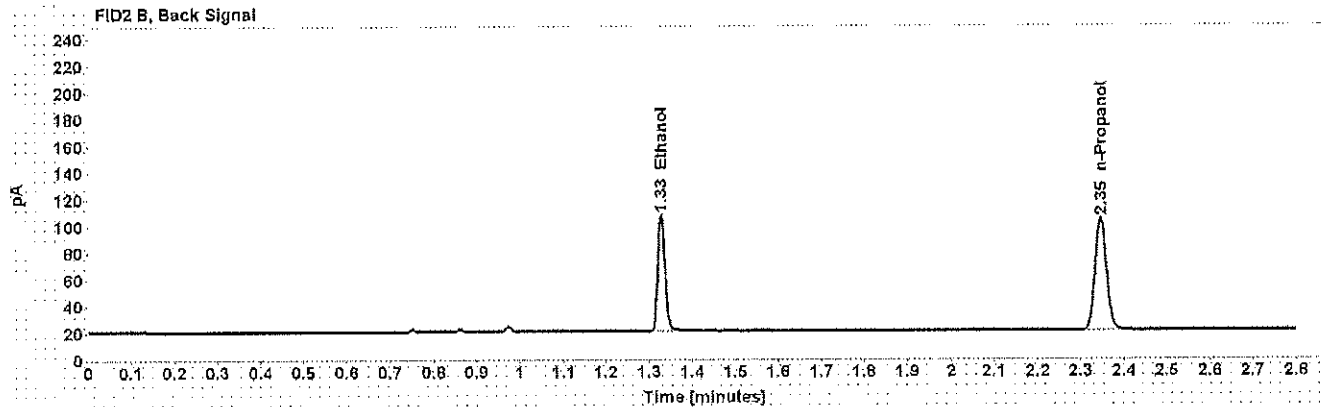
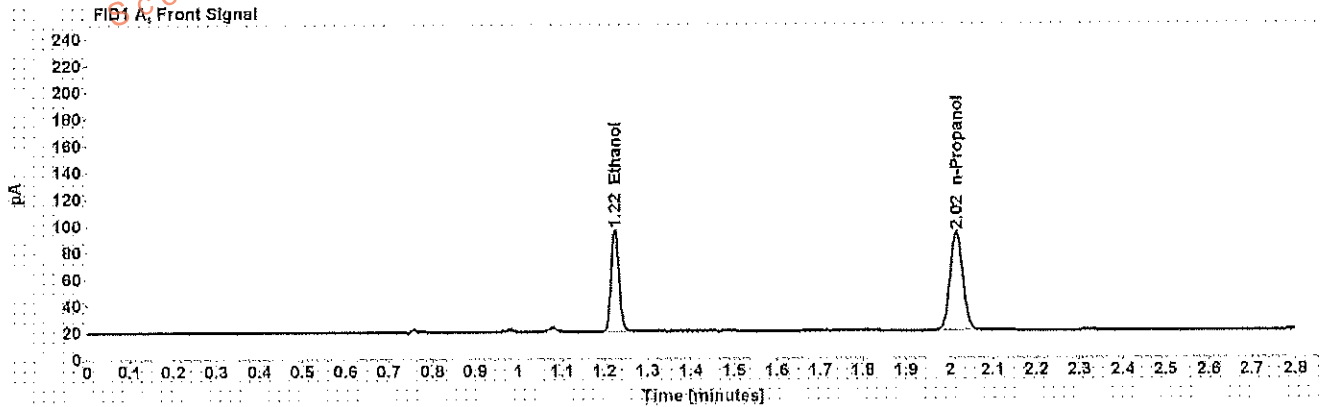


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1724	1.225	97.902
n-Propanol	-----	2.015	150.109

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

Compound	Time (min)	Peak Area
Ethanol	1.328	101.216
n-Propanol	2.346	155.336

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 285-01A
Injection date: 3/6/2017 4:47:18 PM	Vial: 17
Method: ethanol quant M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Mar17\17.D	

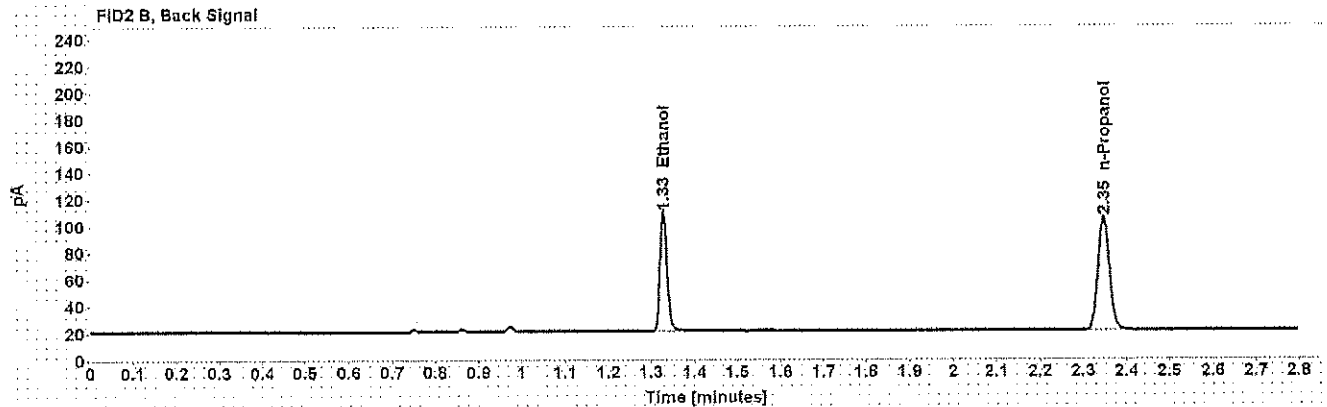
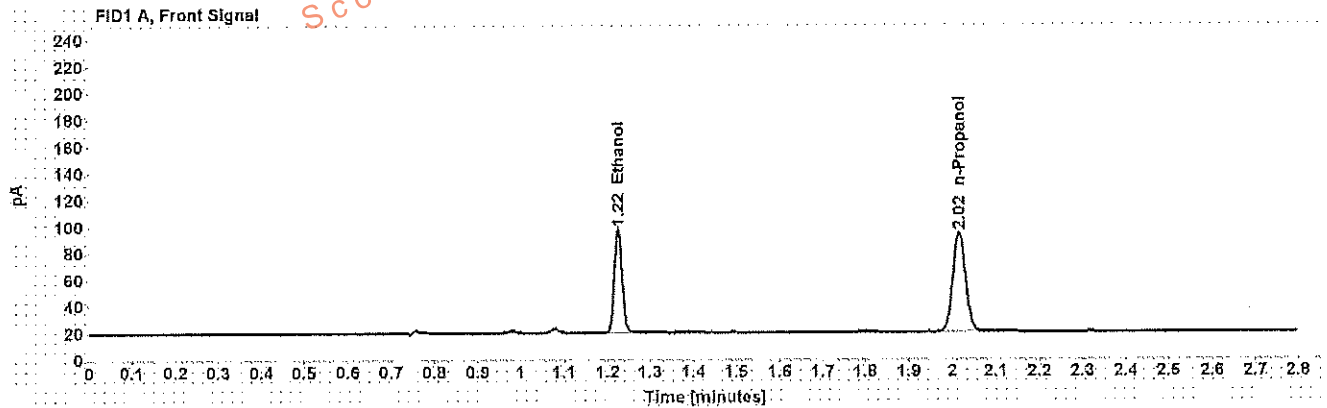


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1729	1.225	99.334
n-Propanol	-----	2.015	151.880

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

Compound	Time (min)	Peak Area
Ethanol	1.328	102.729
n-Propanol	2.346	156.888

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1046919
 Injection date: 3/6/2017 4:51:18 PM Vial: 18
 Method: ethanol quant.M Sequence: 6Mar17
 Instrument: US14173023 CN14160045 Analyst: Adrian
 Data file: C:\Chem32\1\Data\6Mar17\18.D

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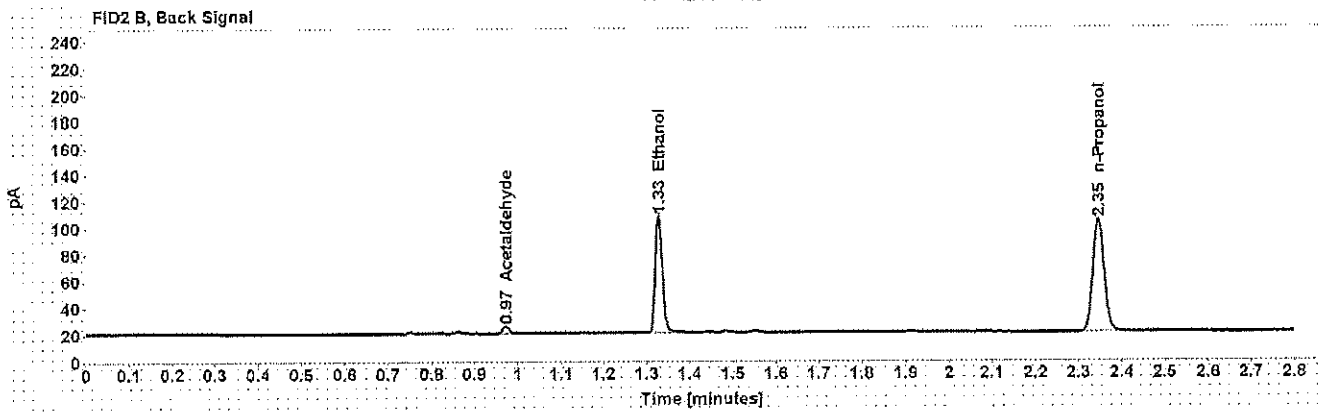
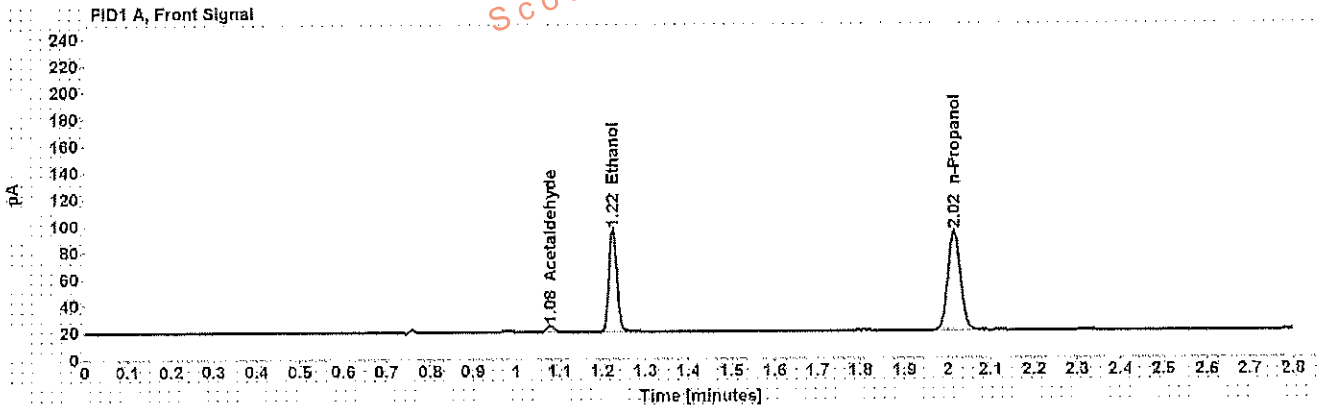


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.740
>Ethanol	0.1718	1.225	98.293
n-Propanol	-----	2.015	151.249

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.007
Ethanol	1.328	101.756
n-Propanol	2.346	156.703

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1046919
Injection date: 3/6/2017 4:55:33 PM	Vial: 19
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14179023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Mar17\19.D	

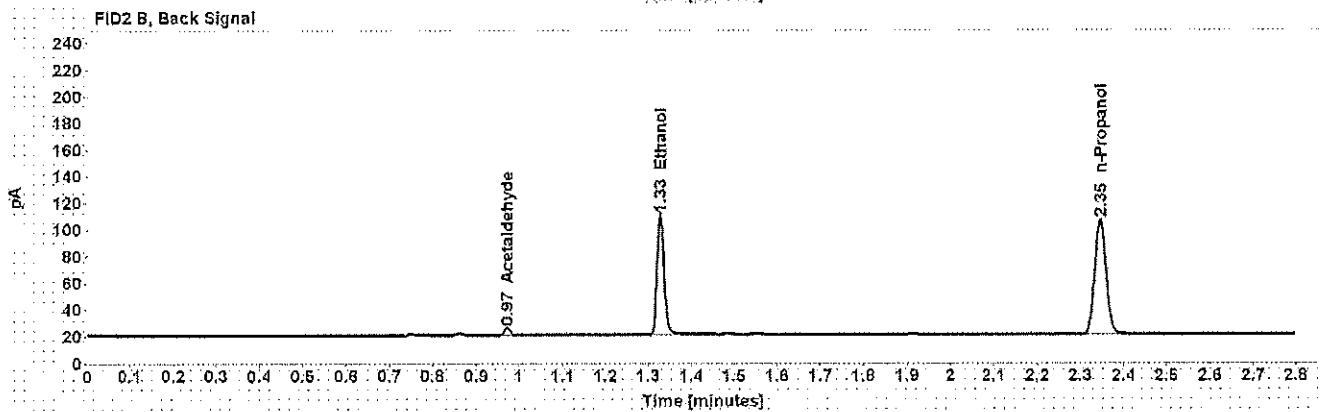
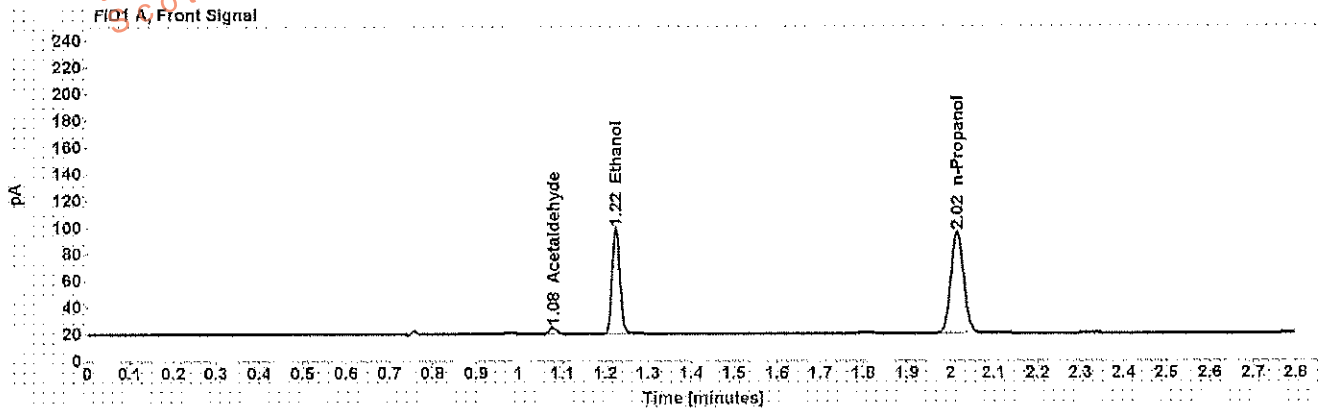


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.723
>Ethanol	0.1728	1.225	100.800
n-Propanol	-----	2.015	154.206

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.071
Ethanol	1.328	104.266
n-Propanol	2.346	159.970

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1137797
Injection date:	3/6/2017 5:03:33 PM	Vial:	21
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\6Mar17\21.D		

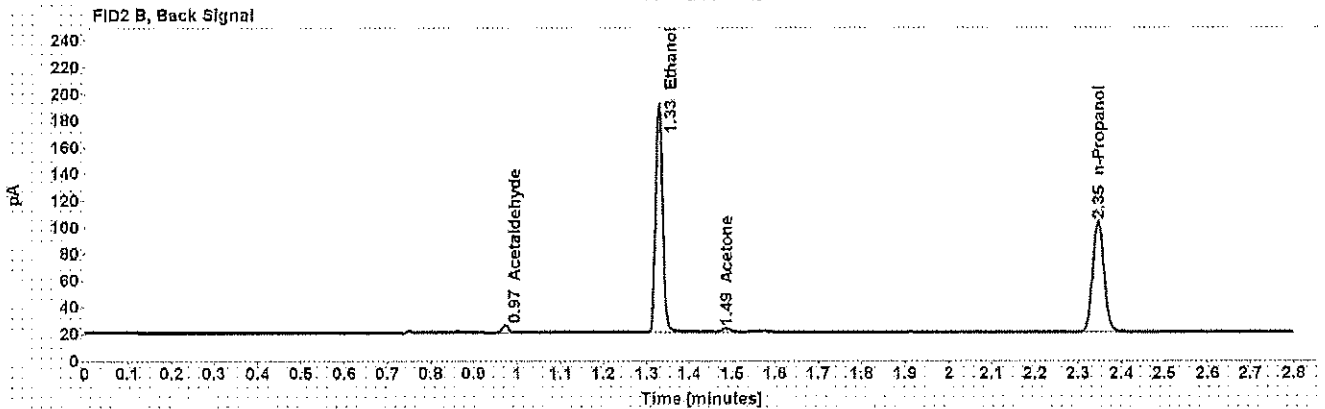
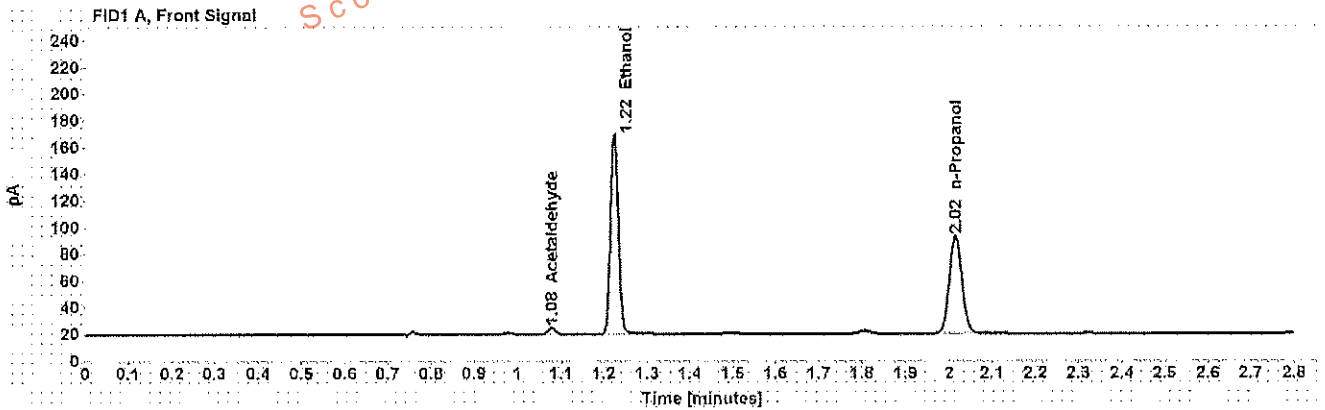


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.936
>Ethanol	0.3390	1.224	191.467
n-Propanol	-----	2.015	148.562

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.259
Ethanol	1.328	199.129
Acetone	1.486	4.097
n-Propanol	2.346	153.522

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1137797
Injection date:	3/6/2017 5:07:33 PM	Vial:	22
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\6Mar17\02.D		

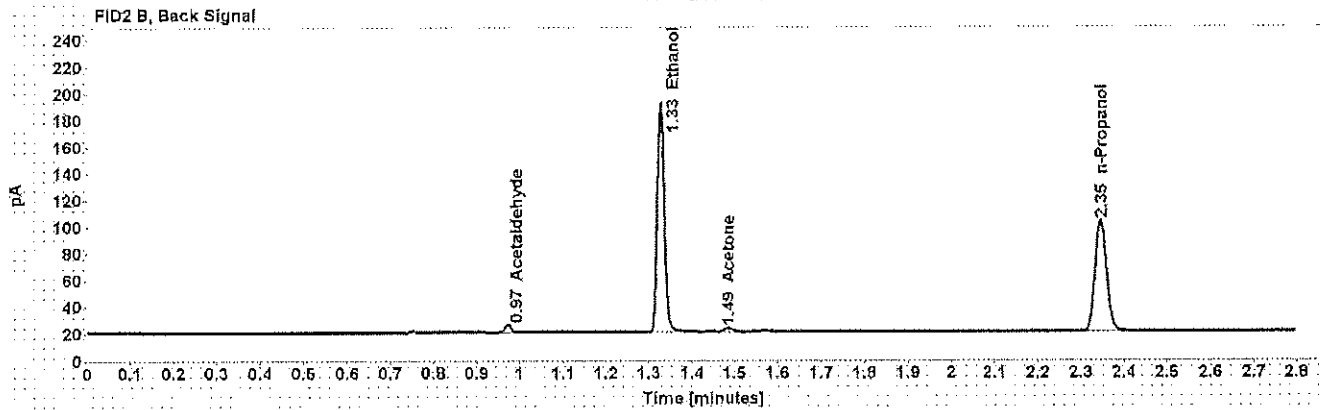
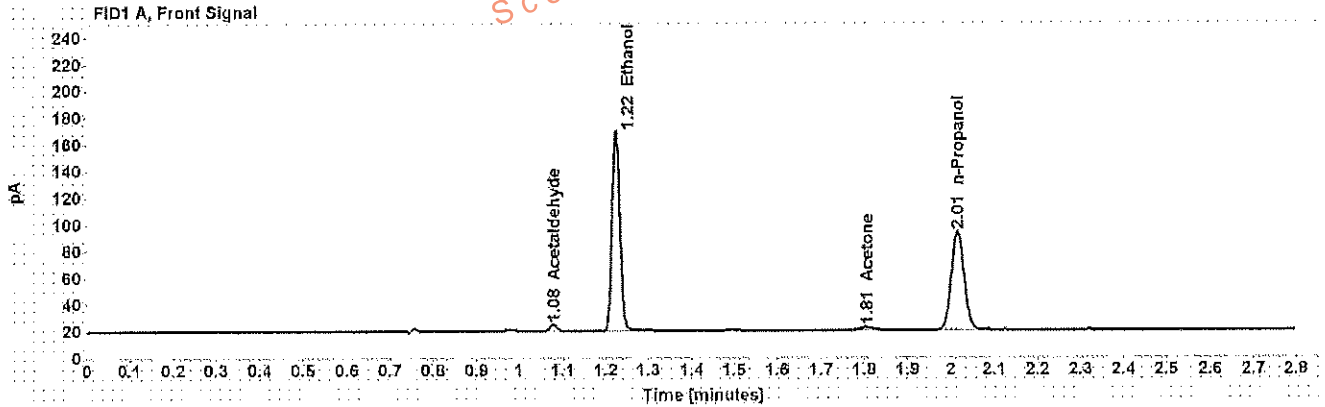


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.963
>Ethanol	0.3373	1.224	191.540
Acetone	-----	1.806	3.836
n-Propanol	-----	2.015	149.371

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.255
Ethanol	1.327	199.249
Acetone	1.486	4.103
n-Propanol	2.346	154.416

Case: [REDACTED] User: wadrian 3/7/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1107037
Injection date: 3/6/2017 5:11:33 PM Vial: 23
Method: ethanol quant.M Sequence: 6Mar17
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem32\1\0\data\6Mar17\23.D

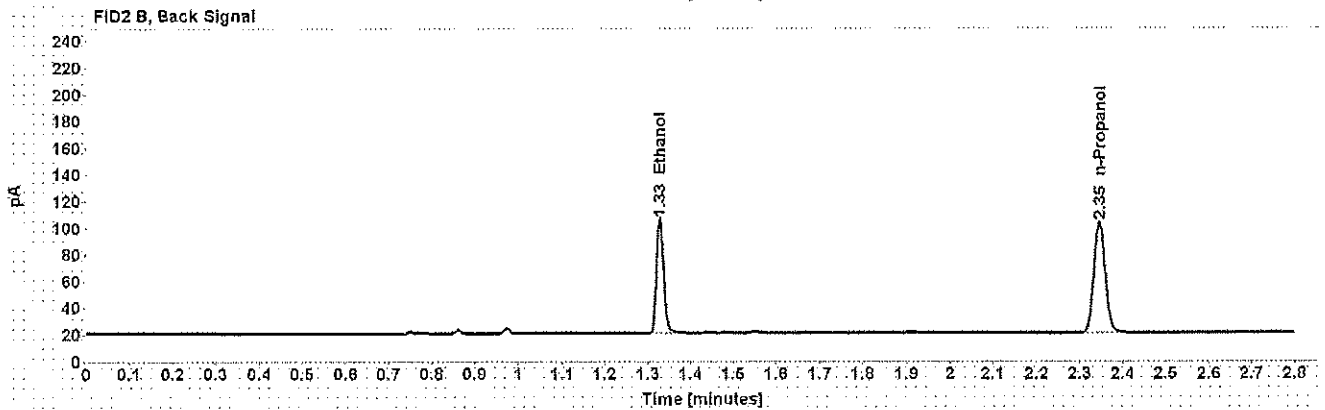
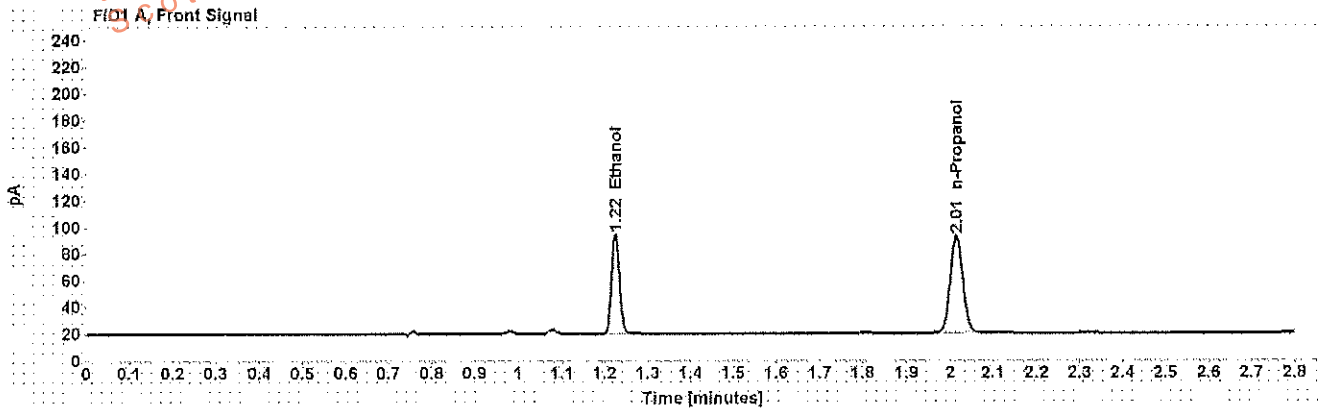


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1701	1.225	95.828
n-Propanol	-----	2.015	148.940

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

Compound	Time (min)	Peak Area
Ethanol	1.328	99.211
n-Propanol	2.348	154.089

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1107037
Injection date: 3/6/2017 5:15:33 PM	Vial: 24
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Mar17\24.D	

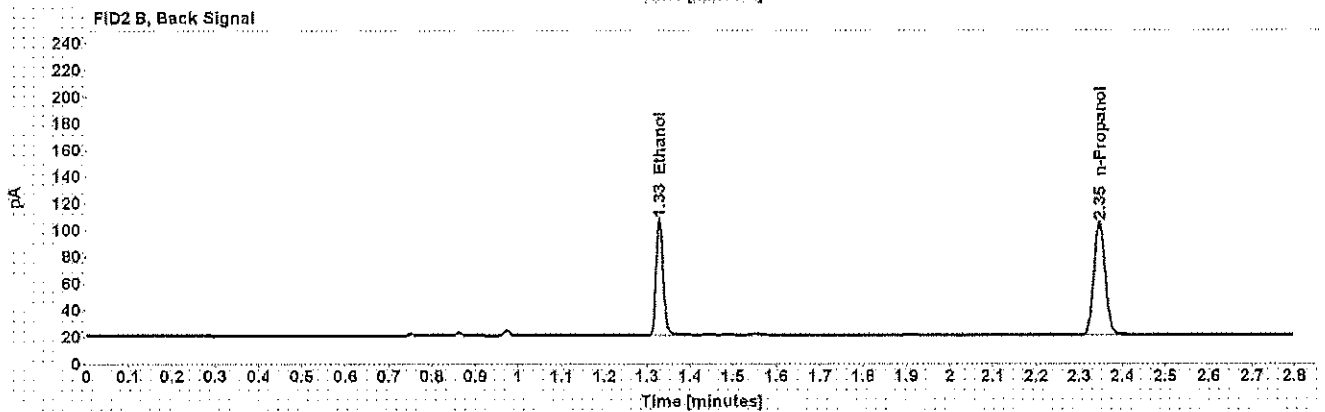
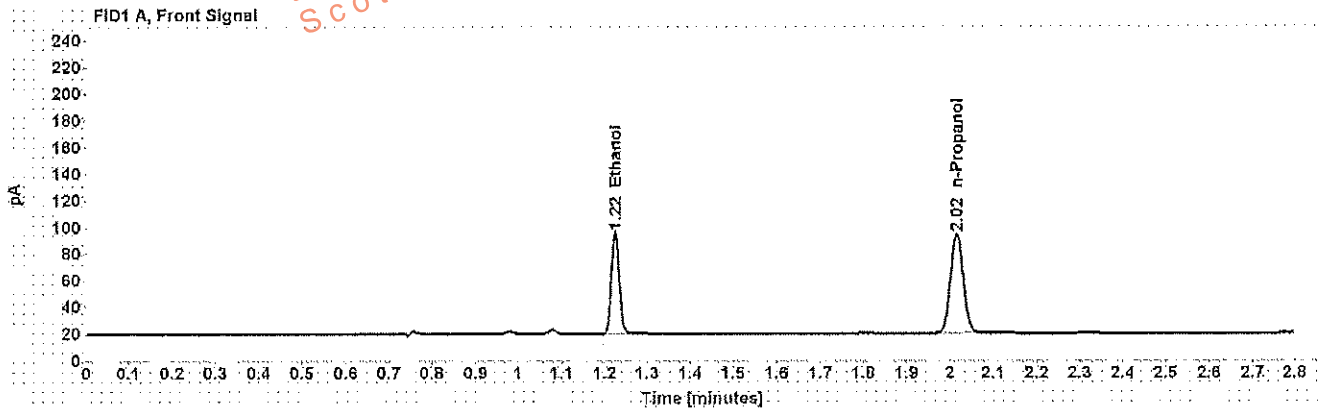


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1699	1.225	97.262
n-Propanol	-----	2.015	151.380

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

Compound	Time (min)	Peak Area
Ethanol	1.328	100.757
n-Propanol	2.346	156.921

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1106027
Injection date: 3/6/2017 5:19:48 PM	Vial: 25
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Mar17\25.D	

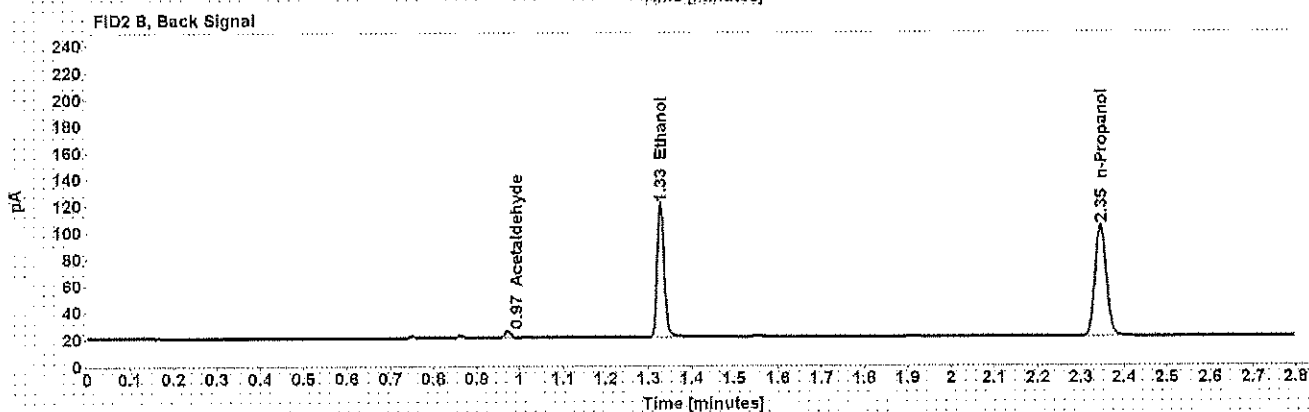
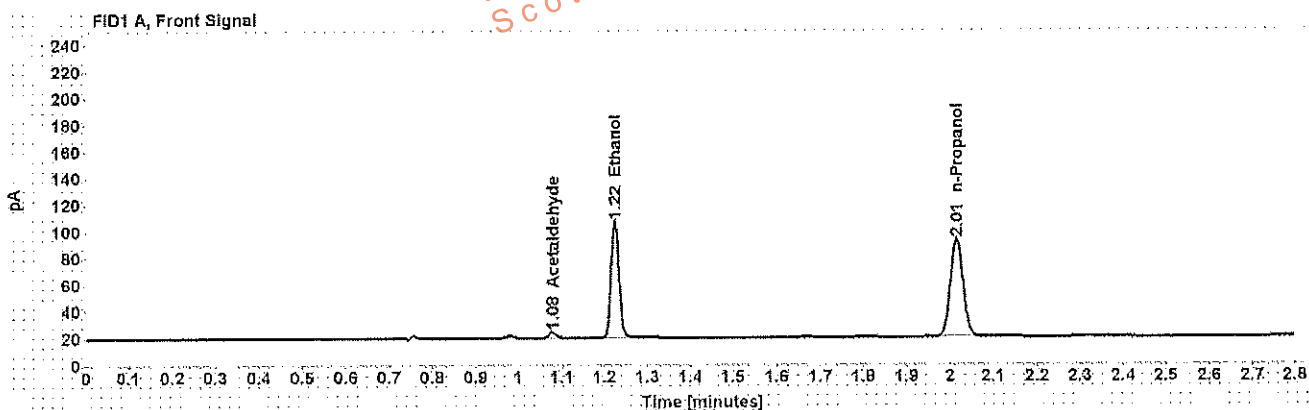


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.502
>Ethanol	0.1980	1.224	111.600
n-Propanol	-----	2.015	148.780

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.835
Ethanol	1.328	115.520
n-Propanol	2.346	154.140

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1106027
Injection date:	3/6/2017 5:23:48 PM	Vial:	26
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Mar17\26.D		

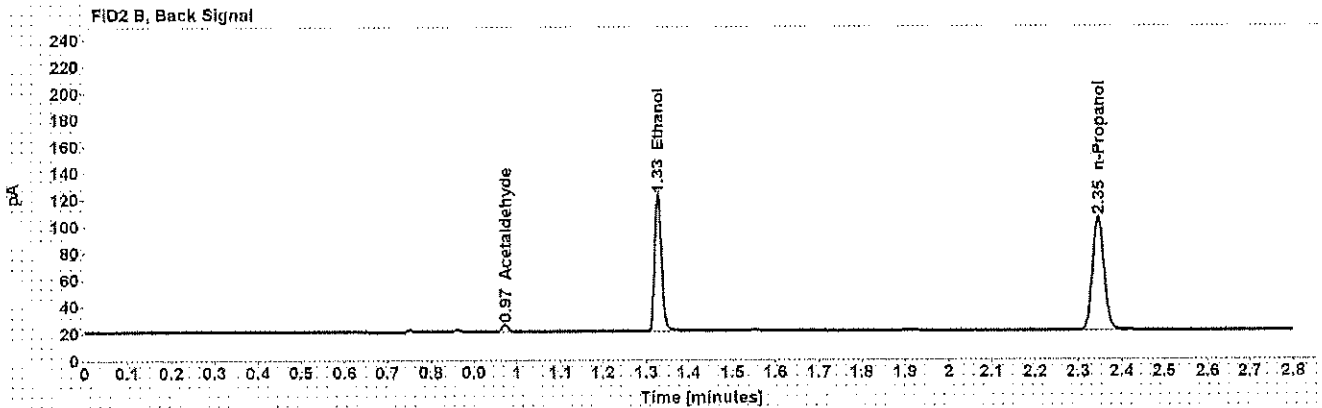
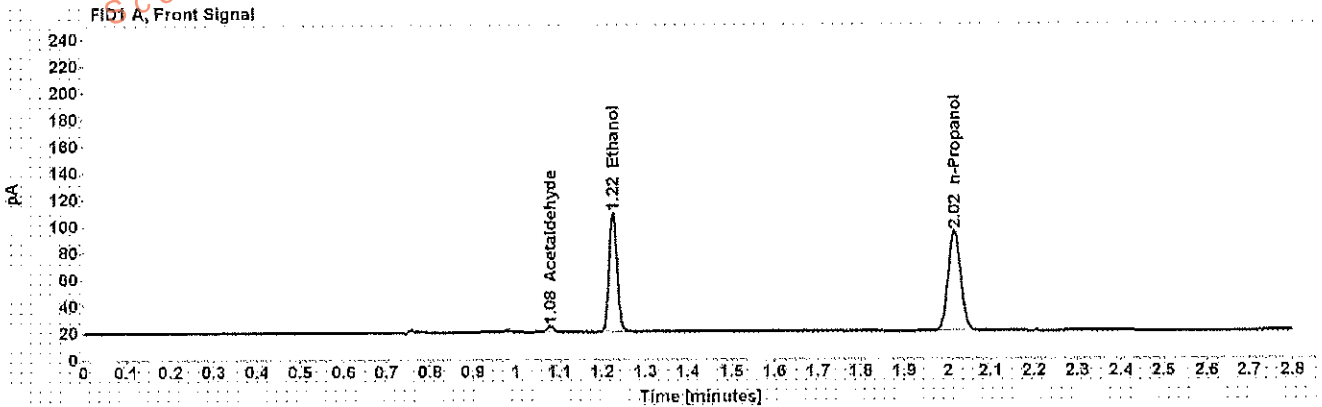


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.582
>Ethanol	0.1983	1.225	114.337
n-Propanol	-----	2.015	152.246

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.887
Ethanol	1.326	118.370
n-Propanol	2.346	157.722

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1140343
Injection date: 3/6/2017 5:27:48 PM	Vial: 27
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Mar17\27.D	

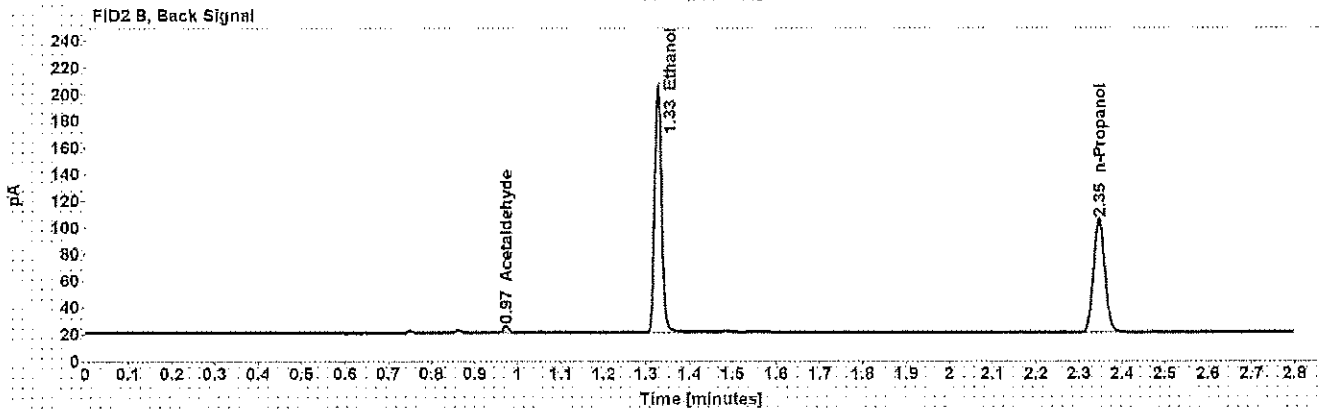
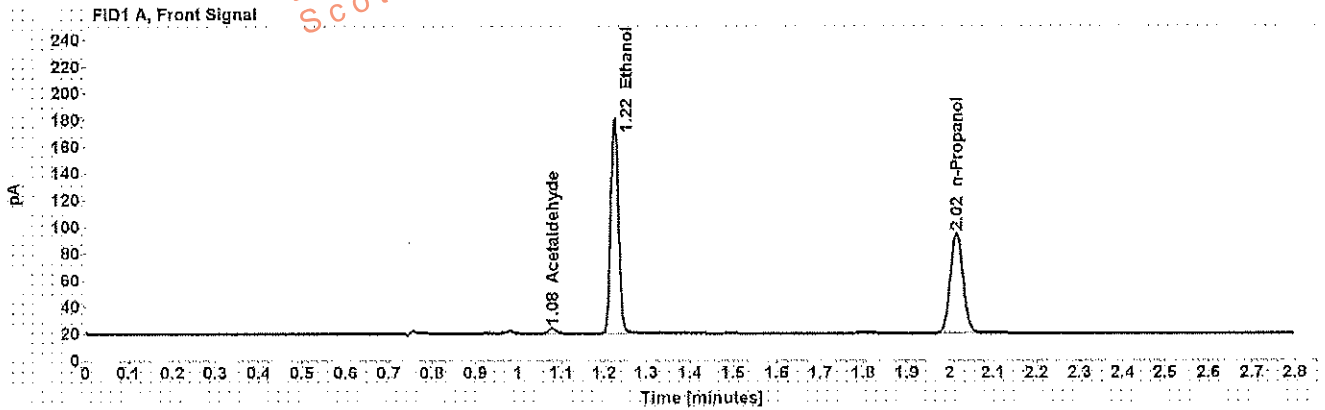


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.266
>Ethanol	0.3538	1.224	205.156
n-Propanol	-----	2.015	152.505

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.564
Ethanol	1.328	213.823
n-Propanol	2.346	157.715

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1140343
Injection date: 3/6/2017 5:31:48 PM	Vial: 28
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Mar17\28.D	

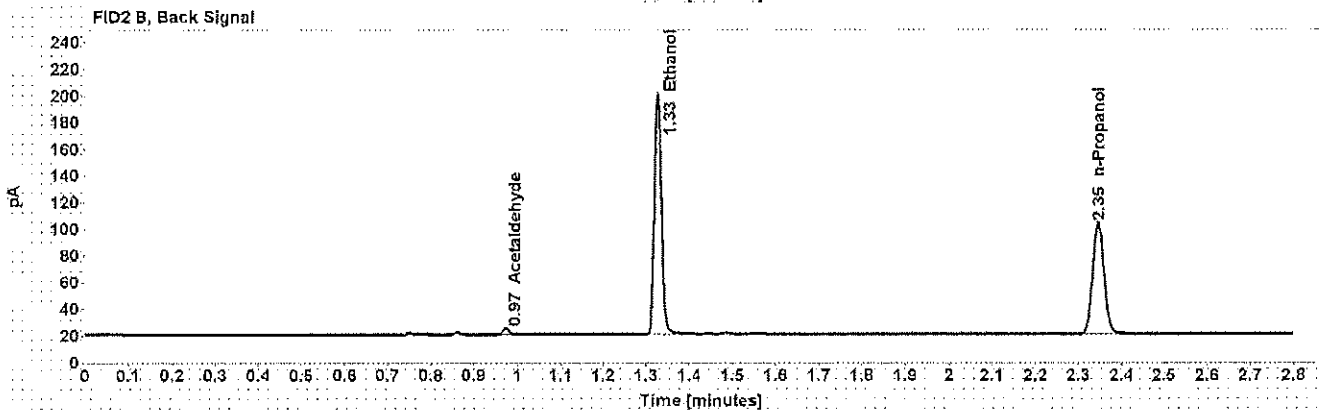
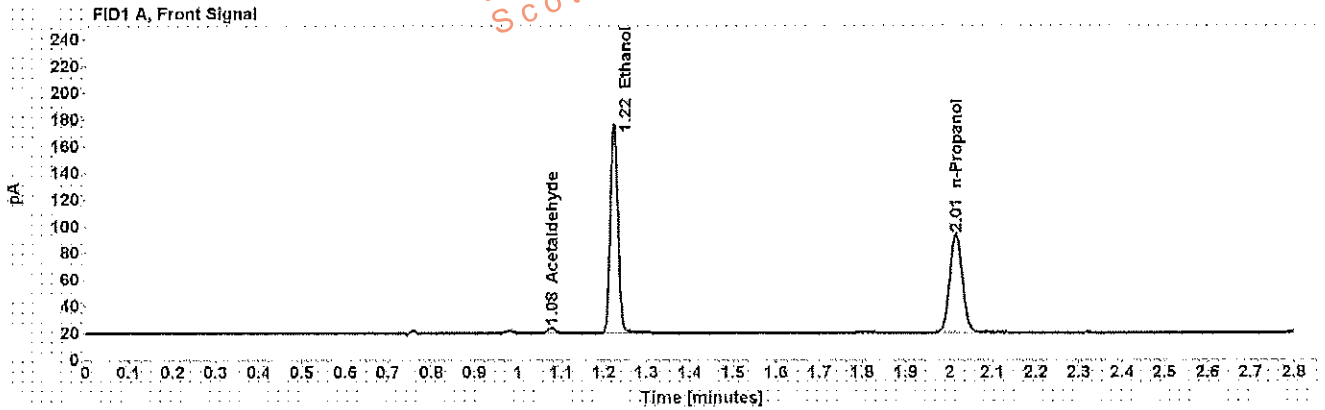


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.195
>Ethanol	0.3507	1.224	200.395
n-Propanol	-----	2.015	150.255

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.453
Ethanol	1.327	207.550
n-Propanol	2.346	155.183

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1105006
Injection date: 3/6/2017 5:35:48 PM	Vial: 29
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Mar17\29.D	

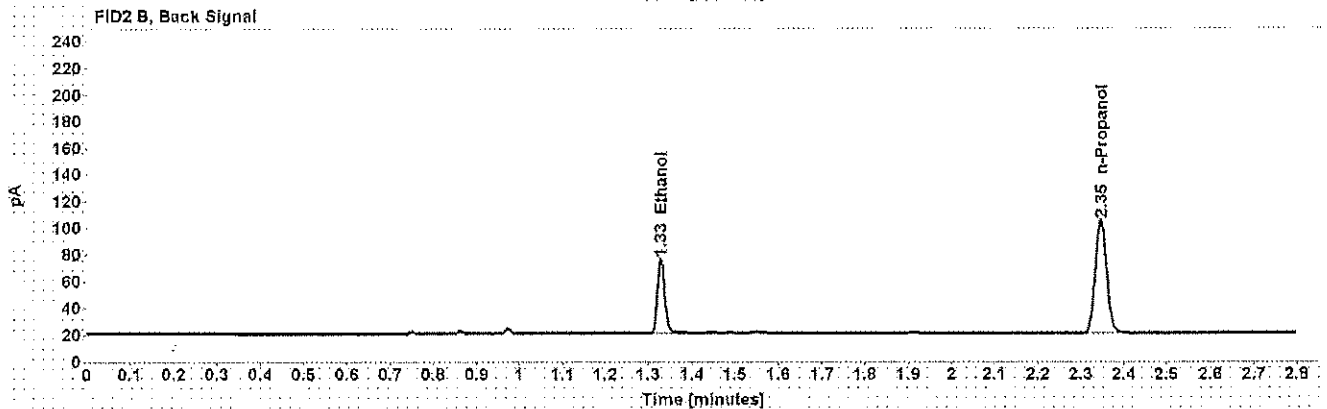
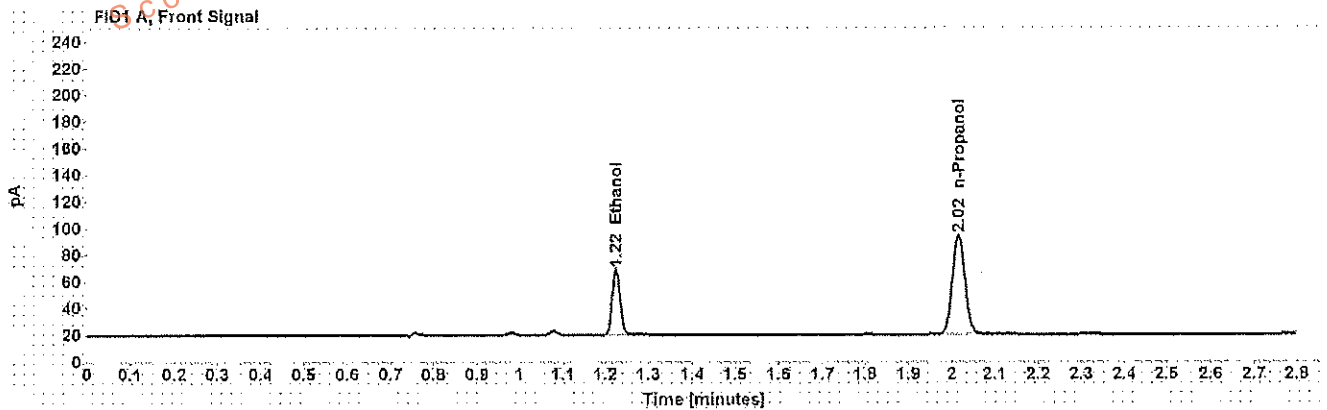


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1096	1.225	62.493
n-Propanol	-----	2.015	151.640

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

Compound	Time (min)	Peak Area
Ethanol	1.329	64.537
n-Propanol	2.346	156.914

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1105006
Injection date: 3/6/2017 5:39:48 PM	Vial: 30
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Mar17\30.D	

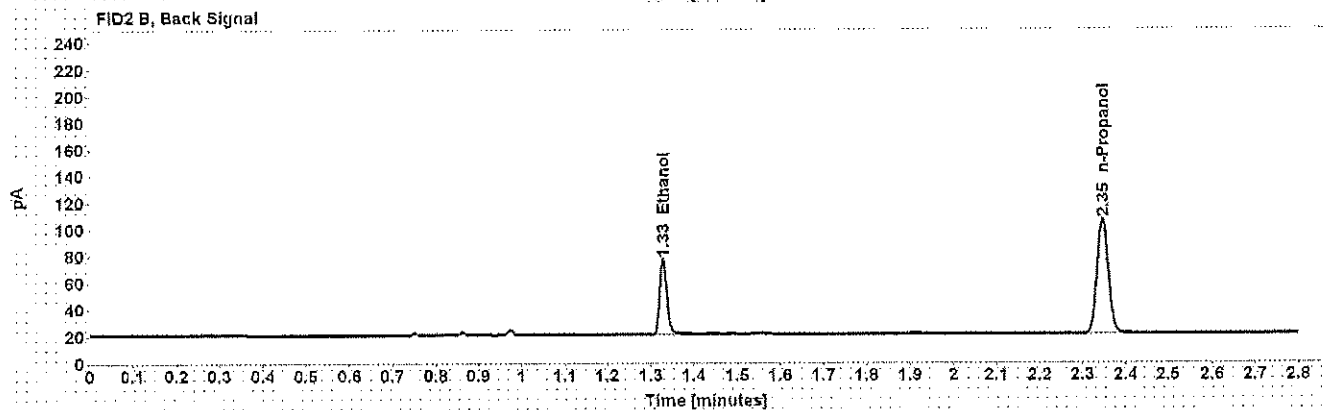
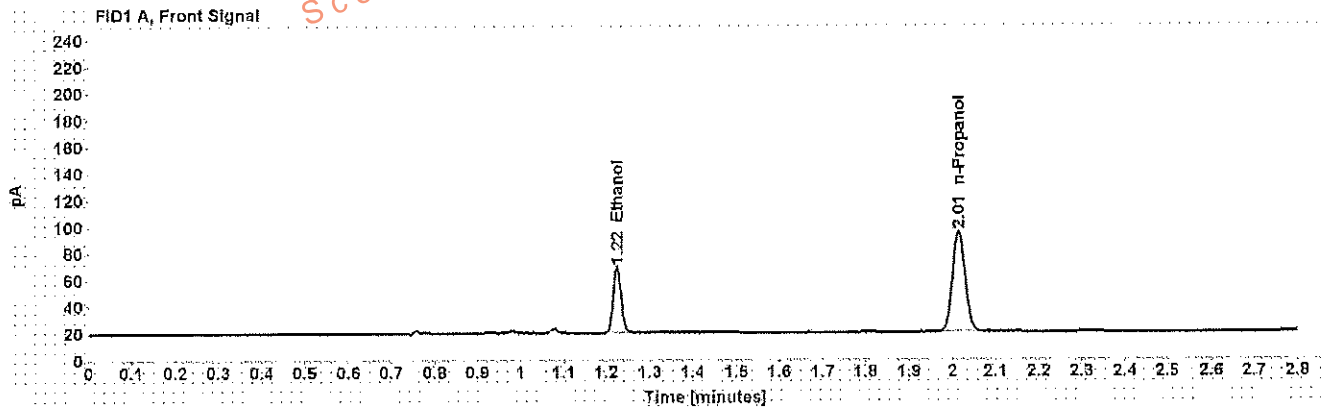


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1093	1.225	63.044
n-Propanol	-----	2.015	153.301

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

Compound	Time (min)	Peak Area
Ethanol	1.329	65.019
n-Propanol	2.346	158.470

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] **Item number:** 1141311
Injection date: 3/6/2017 5:48:03 PM **Vial:** 32
Method: ethanol quant.M **Sequence:** 6Mar17
Instrument: US14173023 CN14160045 **Analyst:** Adrian
Data file: C:\Chem32\1\Data\6Mar17\32.D

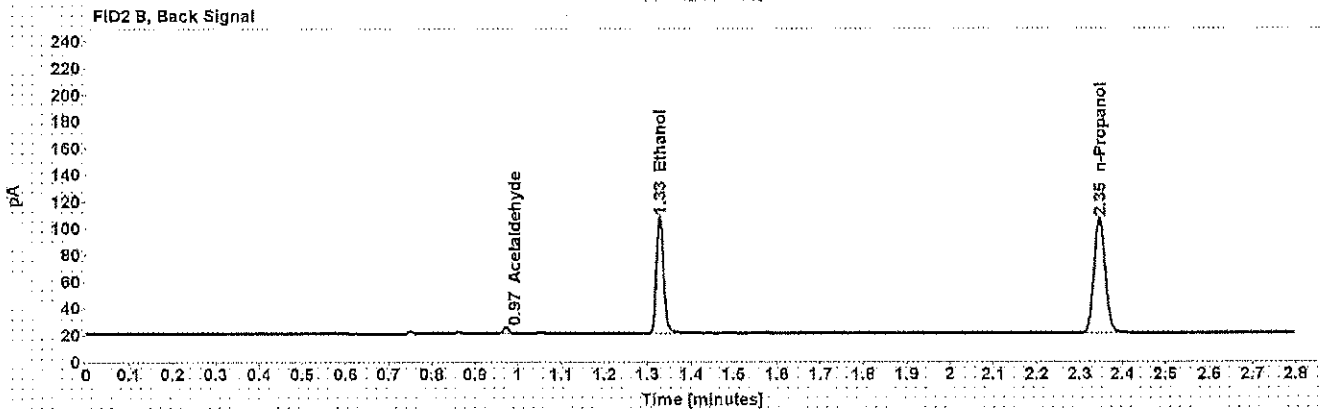
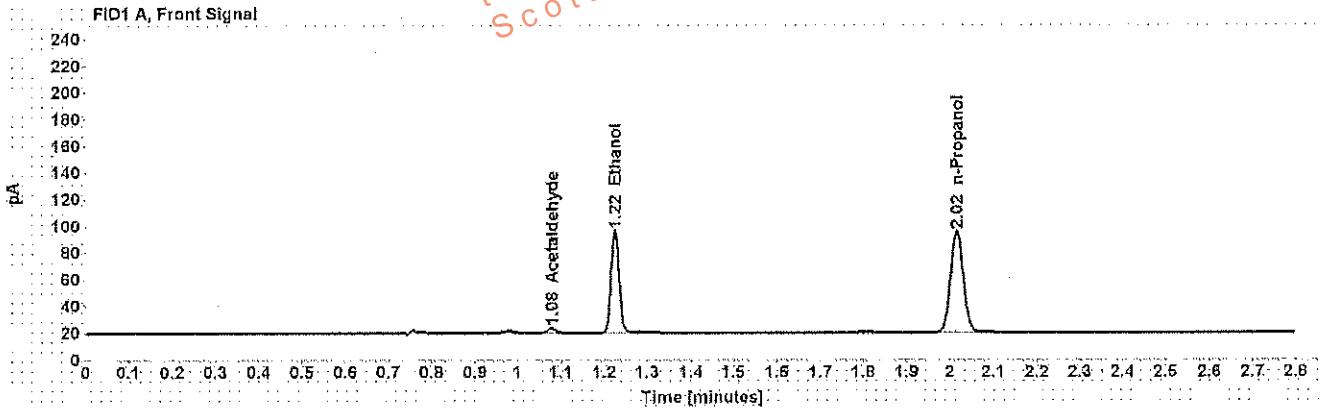


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.908
>Ethanol	0.1673	1.225	97.756
n-Propanol	-----	2.015	154.465

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.173
Ethanol	1.328	101.191
n-Propanol	2.346	159.486

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1141311
Injection date: 3/6/2017 5:52:03 PM	Vial: 33
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Mar17\33.D	

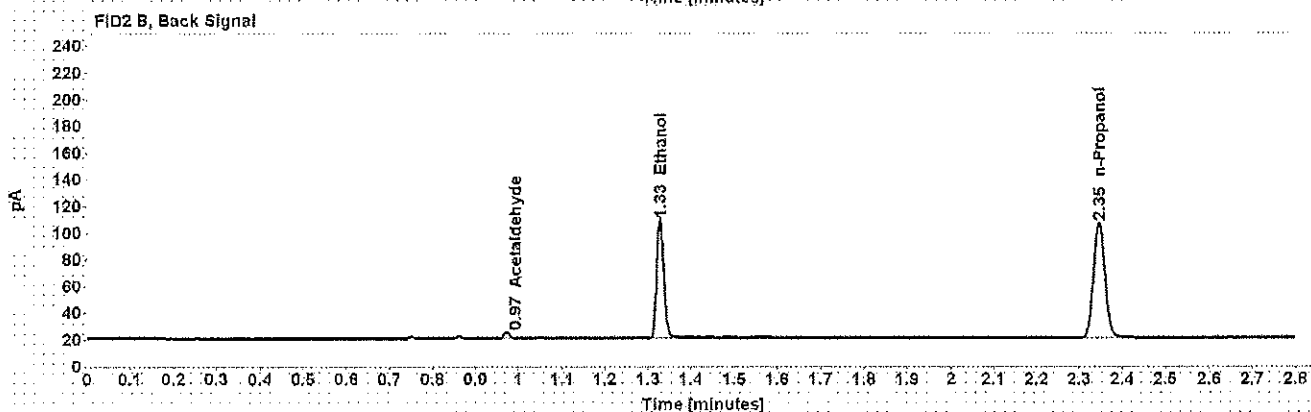
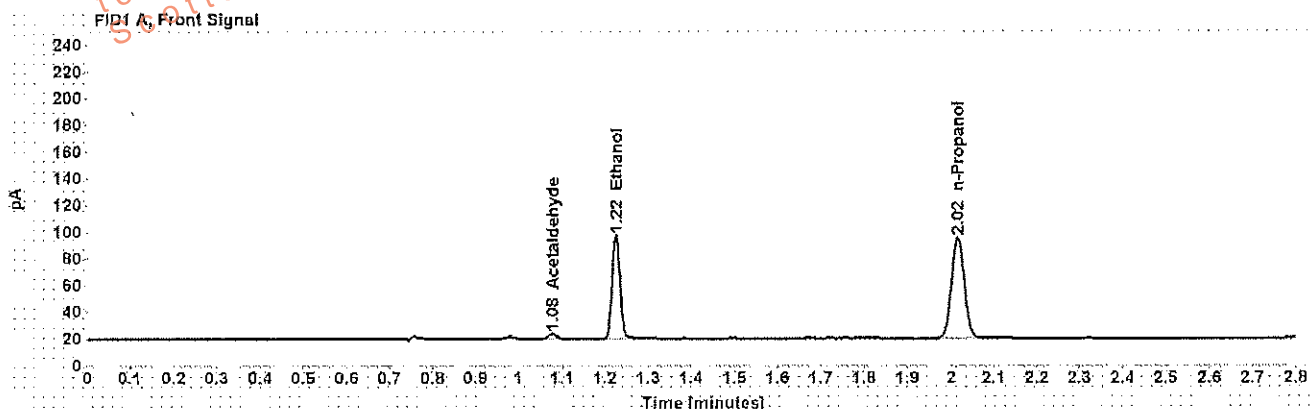


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.974
>Ethanol	0.1694	1.225	99.119
n-Propanol	-----	2.015	154.708

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.214
Ethanol	1.328	102.156
n-Propanol	2.346	159.712

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1141255
Injection date: 3/6/2017 5:56:03 PM	Vial: 34
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Mar17\34.D	

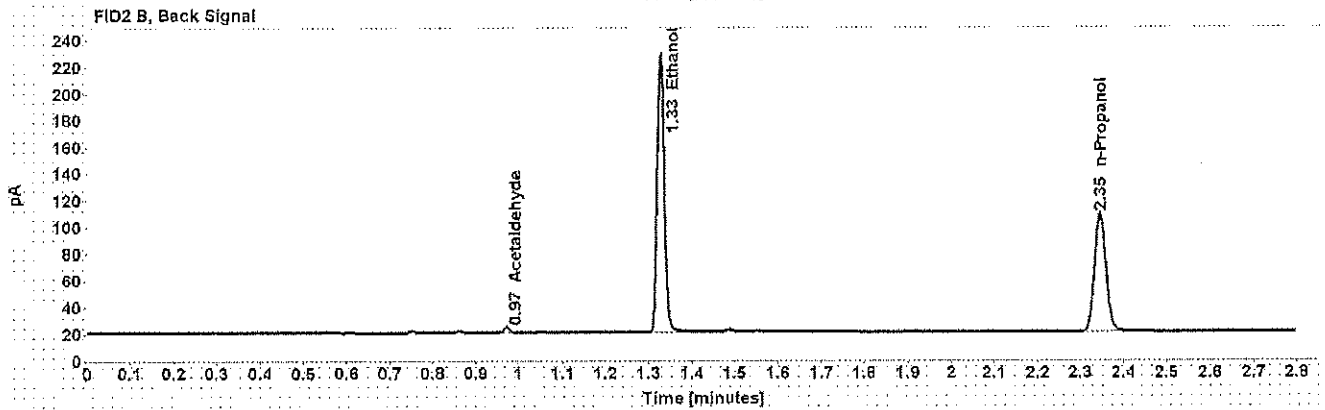
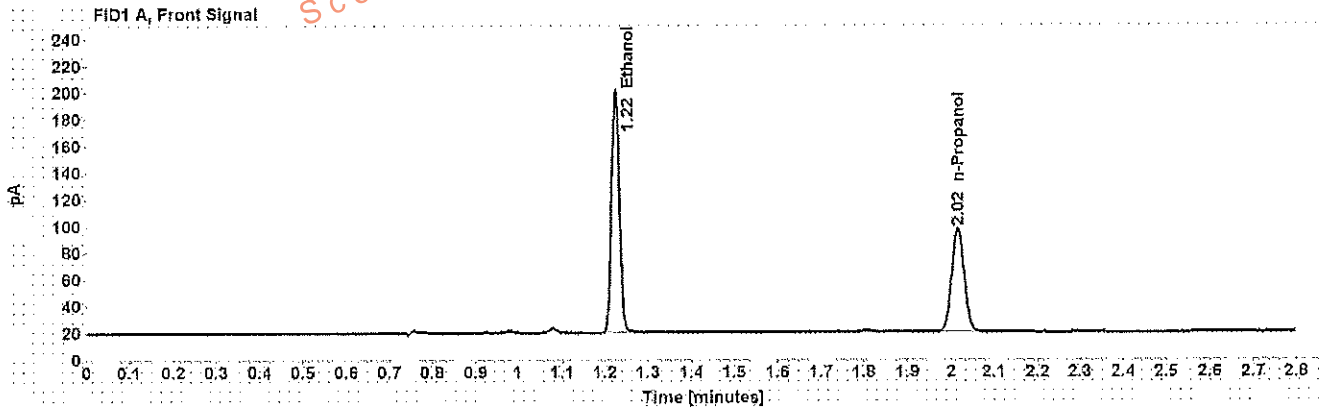


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3853	1.224	231.292
n-Propanol	-----	2.015	157.814

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.884
Ethanol	1.328	240.671
n-Propanol	2.346	163.242

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1141255
Injection date: 3/6/2017 6:00:03 PM	Vial: 35
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Mar17\35.D	

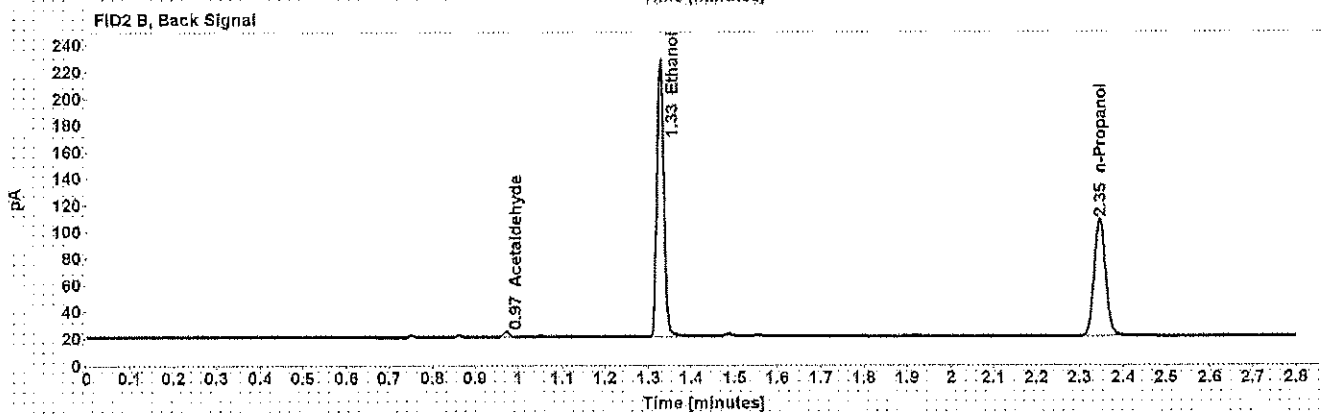
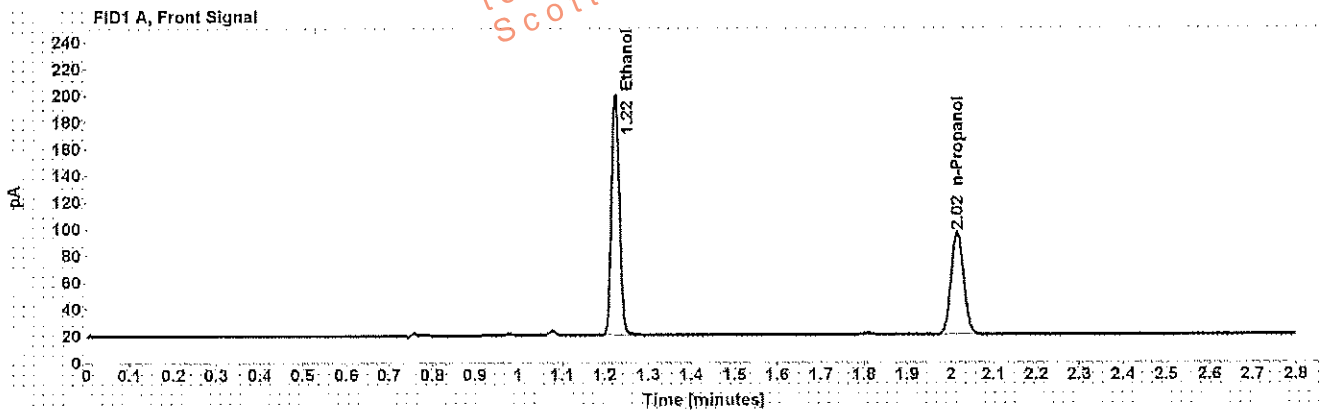


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3862	1.224	229.667
n-Propanol	-----	2.015	156.317

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.827
Ethanol	1.328	238.807
n-Propanol	2.346	161.609

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1141307
Injection date: 3/6/2017 6:04:03 PM	Vial: 36
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\6Mar17\36.D	

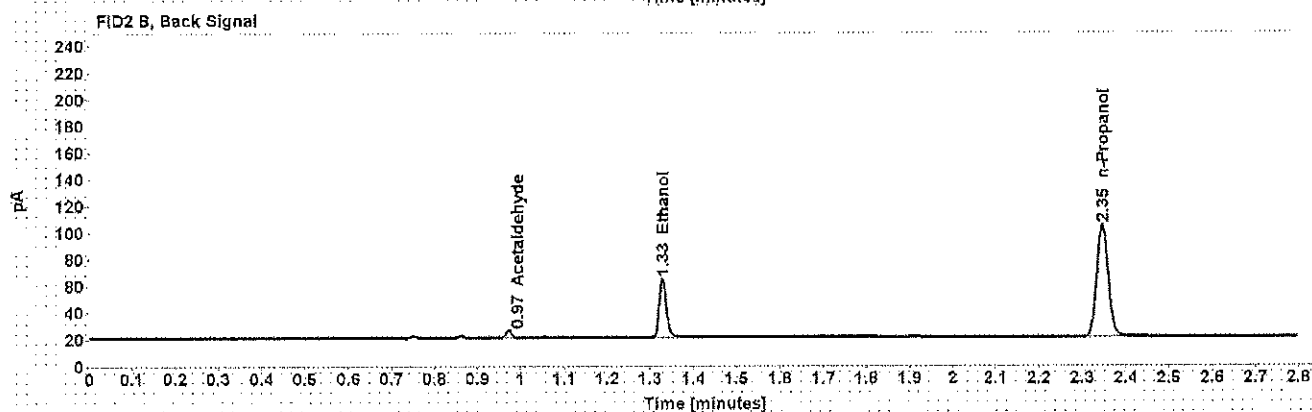
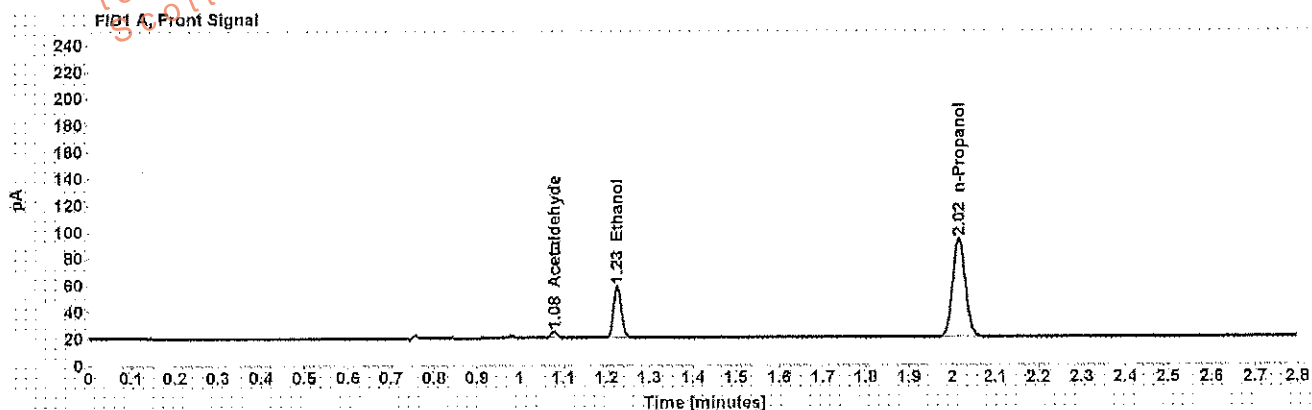


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.682
>Ethanol	0.0875	1.225	49.388
n-Propanol	-----	2.015	150.733

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.010
Ethanol	1.329	50.805
n-Propanol	2.346	155.713

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1141307
Injection date: 3/6/2017 6:08:18 PM	Vial: 37
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Mar17\137.D	

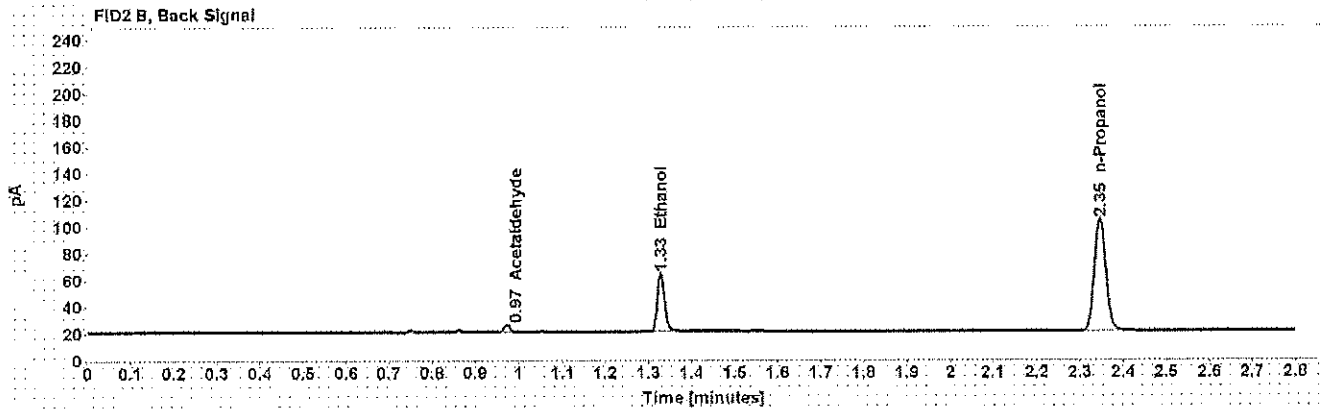
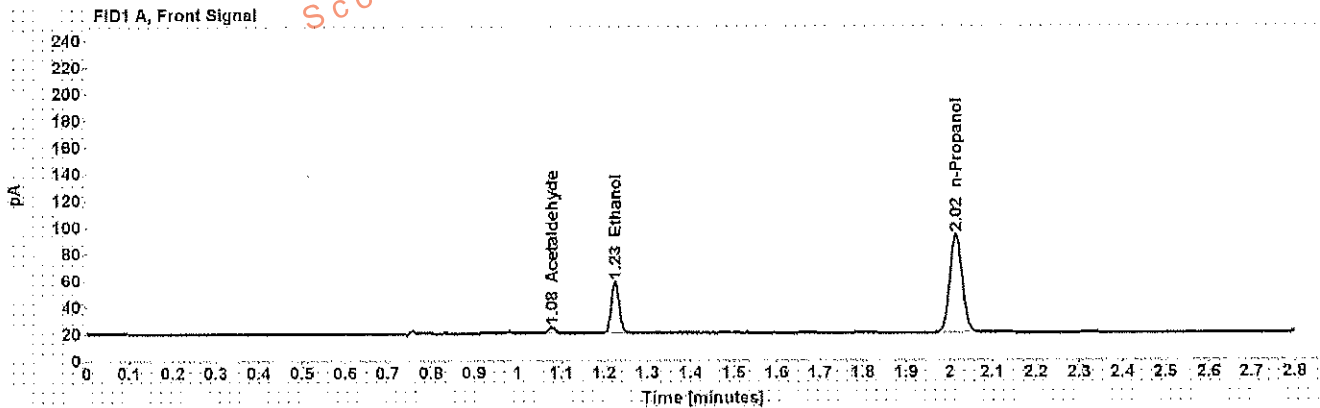


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.692
>Ethanol	0.0874	1.225	49.304
n-Propanol	-----	2.015	150.584

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.010
Ethanol	1.329	50.716
n-Propanol	2.348	155.648

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1142000
Injection date: 3/6/2017 6:12:18 PM	Vial: 38
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\6Mar17\38.D	

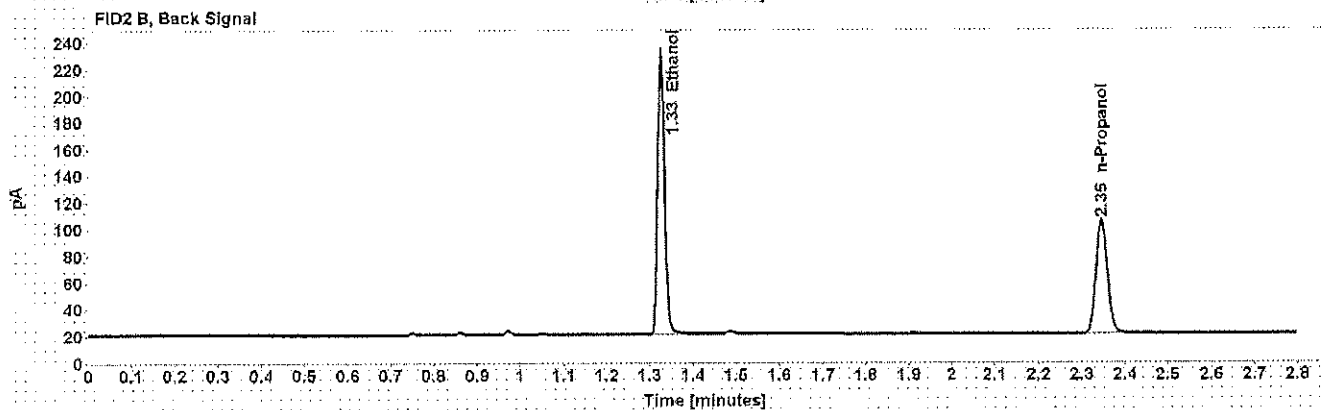
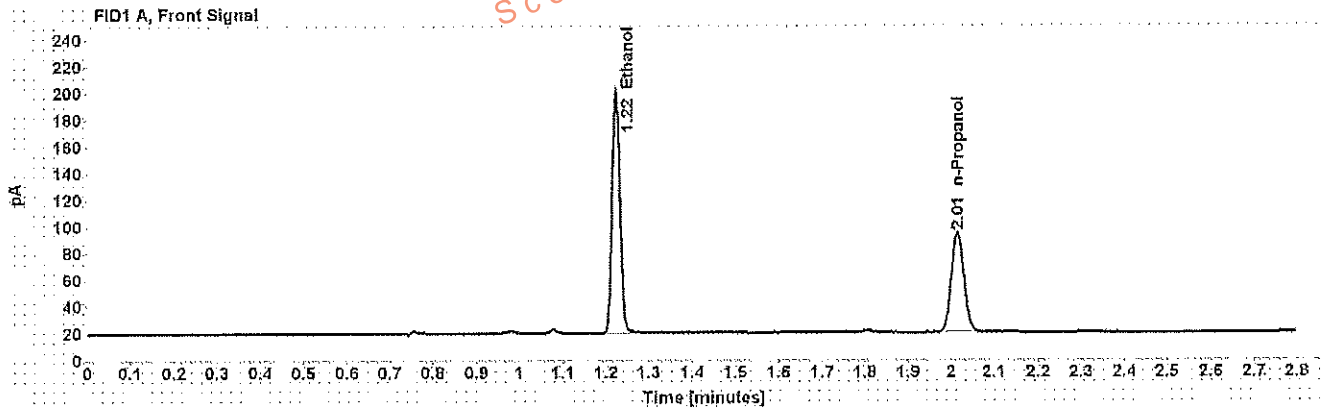


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3988	1.224	231.434
n-Propanol	-----	2.015	152.522

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

Compound	Time (min)	Peak Area
Ethanol	1.327	239.819
n-Propanol	2.346	157.518

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1142000
Injection date: 3/6/2017 6:16:18 PM	Vial: 39
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Mar17\39.D	

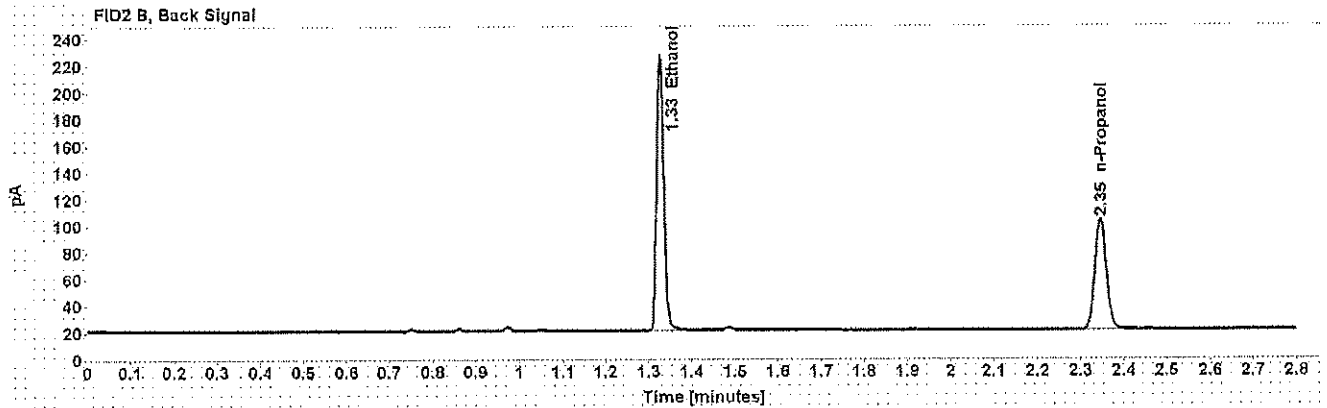
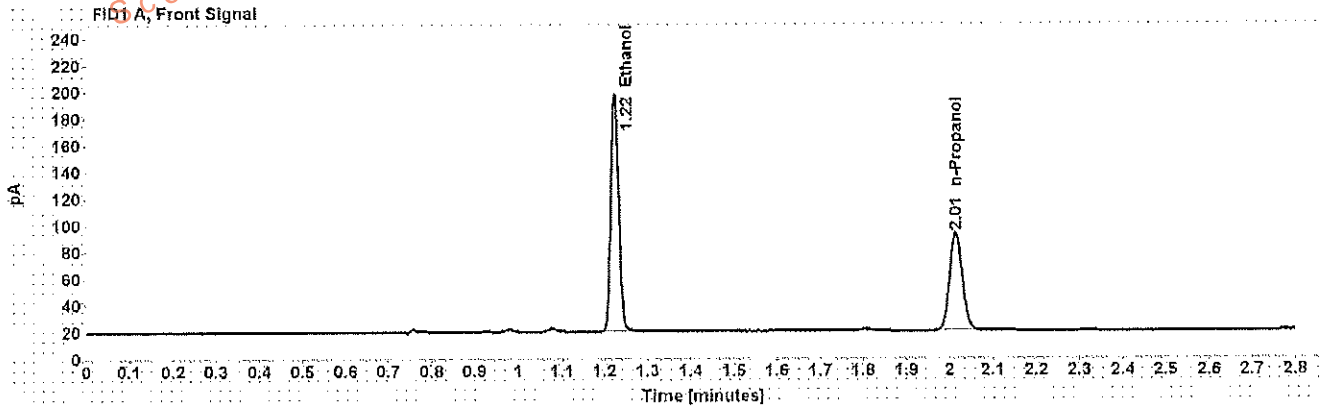


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4005	1.224	227.045
n-Propanol	-----	2.015	149.015

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

Compound	Time (min)	Peak Area
Ethanol	1.327	236.261
n-Propanol	2.346	153.918

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1142004
 Injection date: 3/6/2017 6:20:18 PM Vial: 40
 Method: ethanol quant M Sequence: 6Mar17
 Instrument: US14173023 CN14160045 Analyst: Adrian
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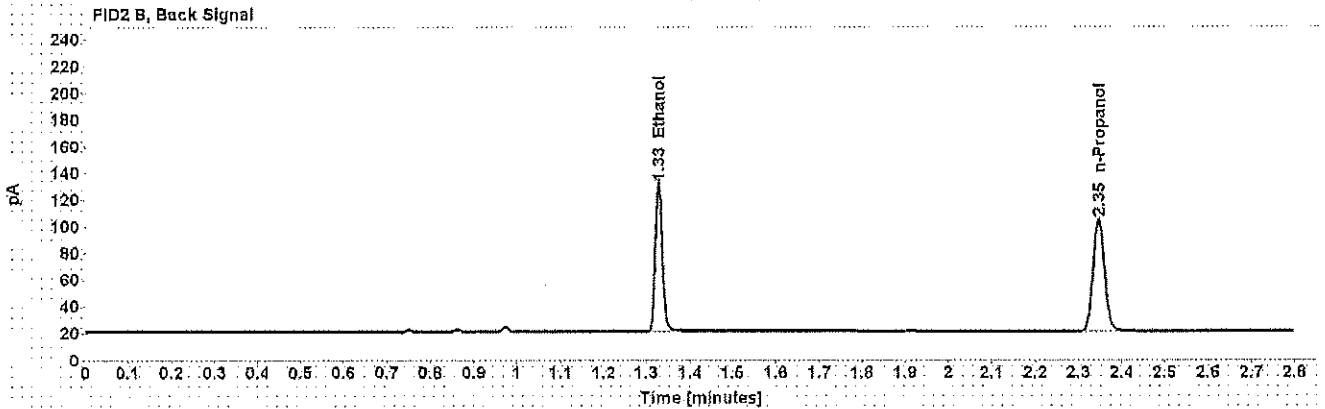
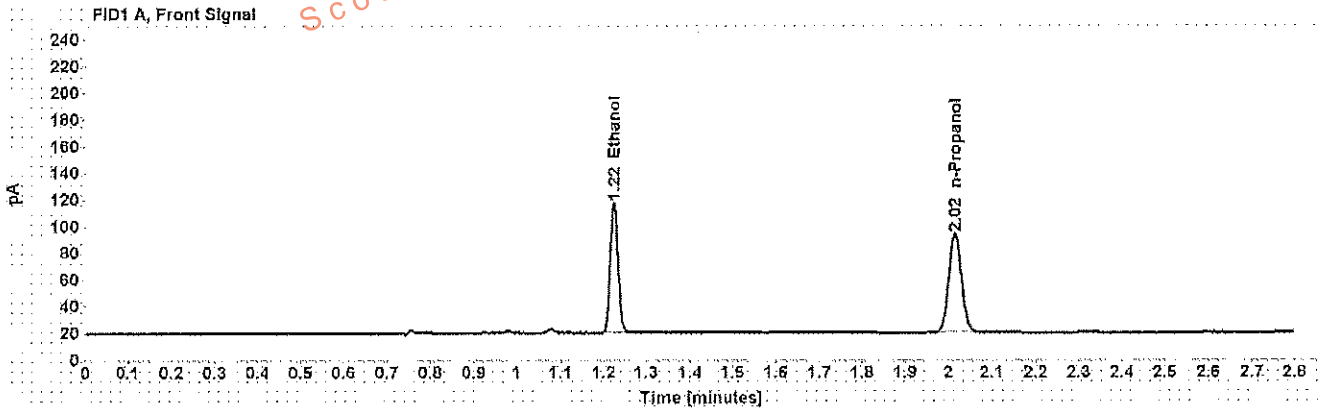


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2176	1.224	124.651
n-Propanol	-----	2.015	151.110

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

Compound	Time (min)	Peak Area
Ethanol	1.328	129.099
n-Propanol	2.346	156.250

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1142004
Injection date: 3/6/2017 6:24:18 PM	Vial: 41
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Mar17\41.D	

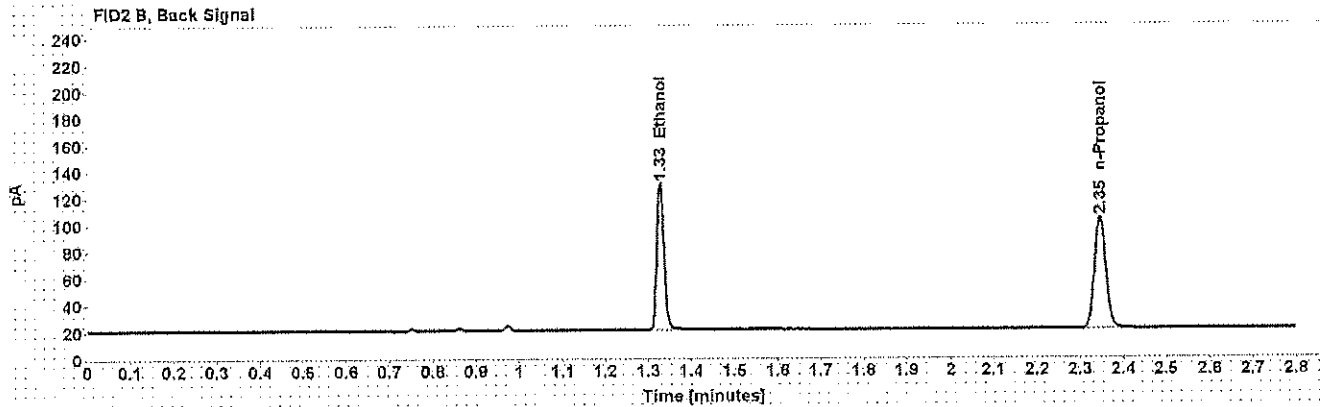
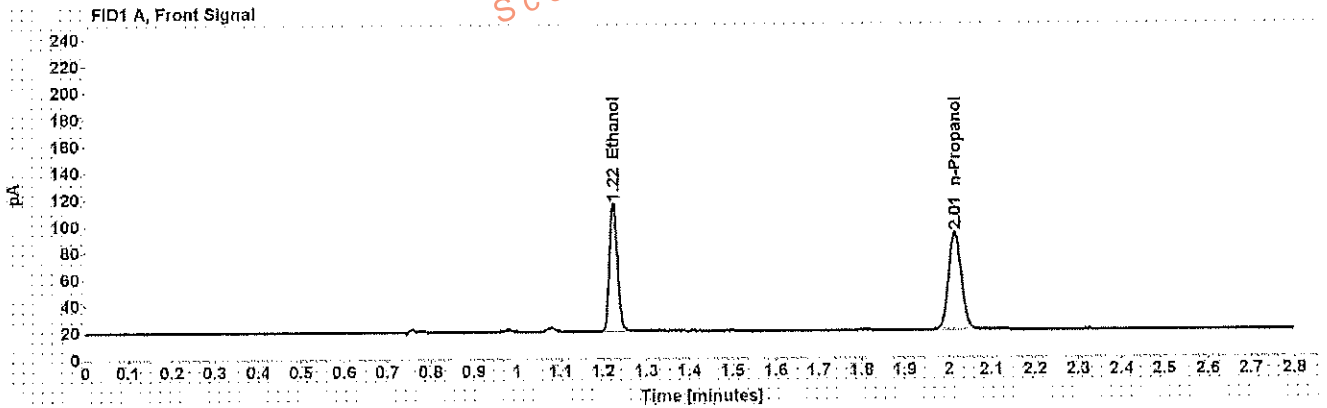


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2178	1.224	122.763
n-Propanol	-----	2.015	148.714

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

Compound	Time (min)	Peak Area
Ethanol	1.328	126.964
n-Propanol	2.346	153.720

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1137660
Injection date: 3/6/2017 6:32:33 PM	Vial: 43
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\6Mar17\43.D	

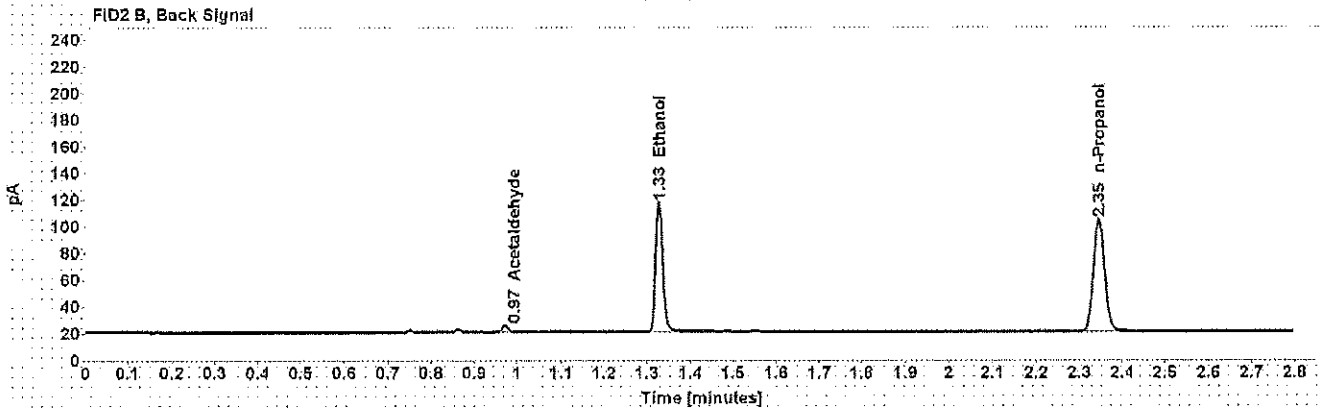
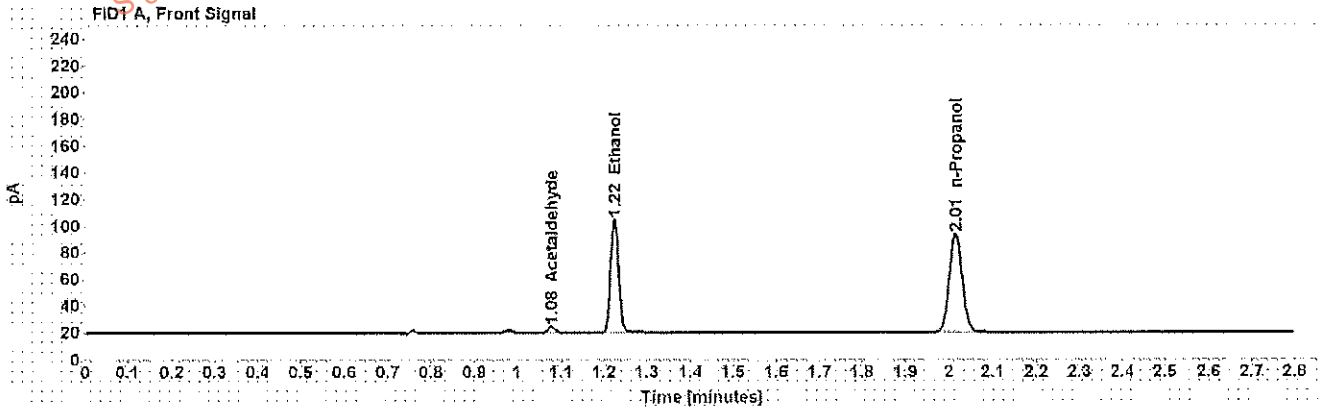


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4,583
>Ethanol	0.1911	1.224	108,634
n-Propanol	-----	2.015	150,153

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4,879
Ethanol	1.327	112,421
n-Propanol	2,345	155,363

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1137660
Injection date:	3/6/2017 6:36:32 PM	Vial:	44
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Mar17\44.D		

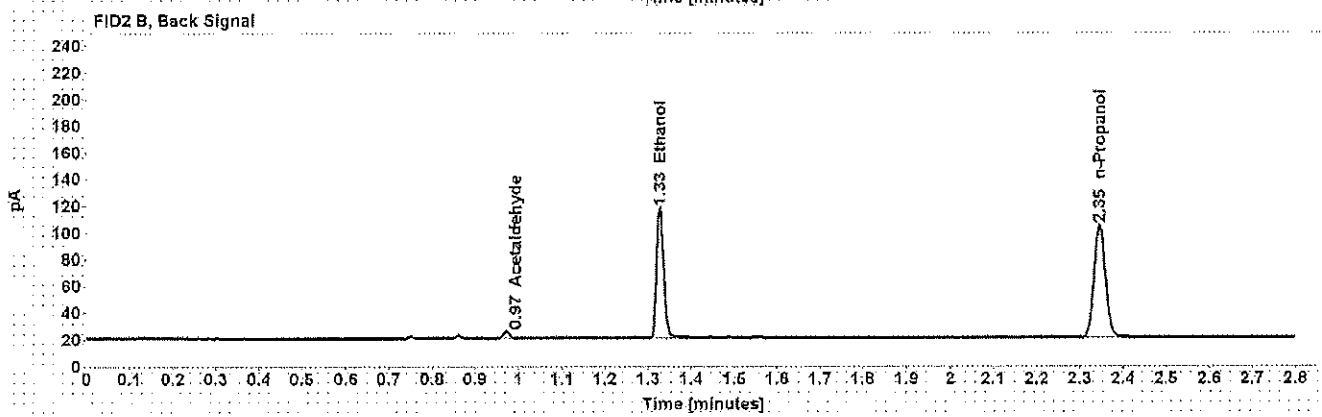
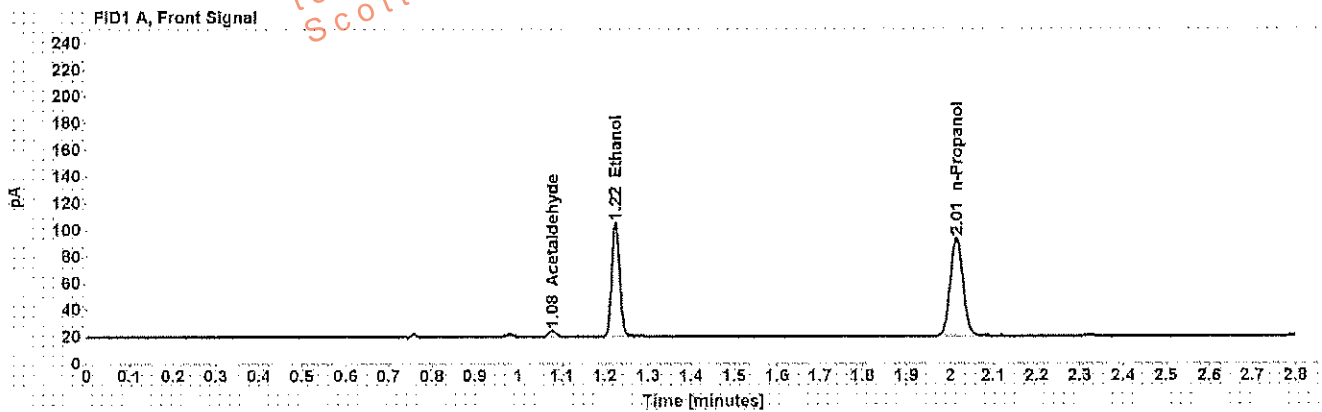


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.582
>Ethanol	0.1920	1.224	109.223
n-Propanol	-----	2.015	150.241

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.859
Ethanol	1.328	113.016
n-Propanol	2.346	155.517

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1138039
Injection date:	3/6/2017 6:40:33 PM	Vial:	45
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Mar17\45.D		

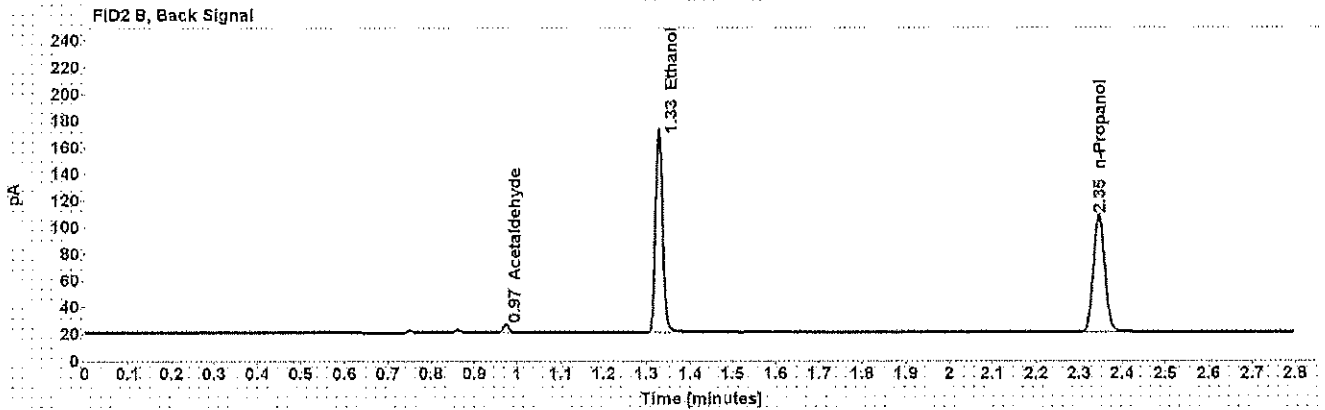
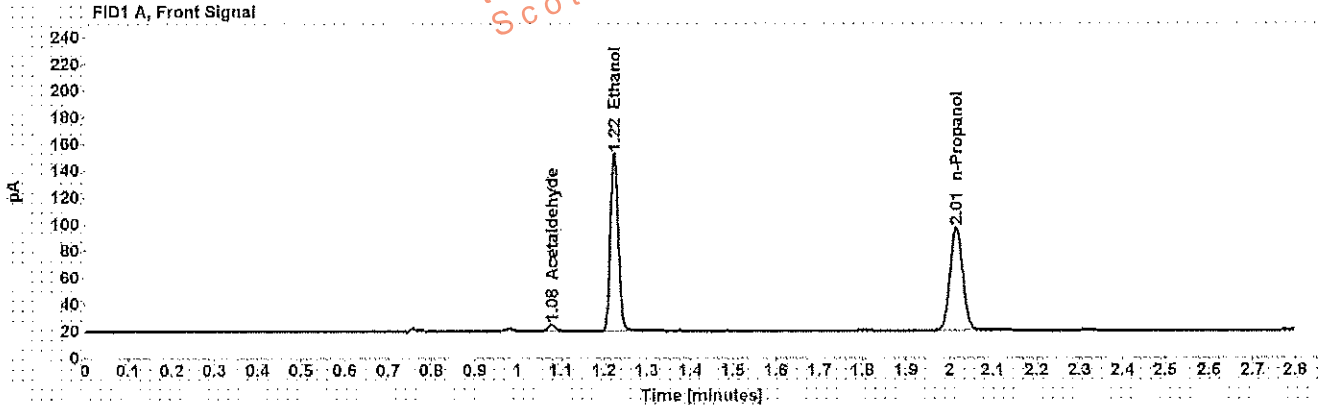


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.197
>Ethanol	0.2838	1.224	169.853
n-Propanol	-----	2.015	157.593

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.541
Ethanol	1.328	175.914
n-Propanol	2.346	163.146

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1138039
Injection date: 3/6/2017 6:44:33 PM	Vial: 46
Method: ethanol.quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1\Data\6Mar17\46.D	

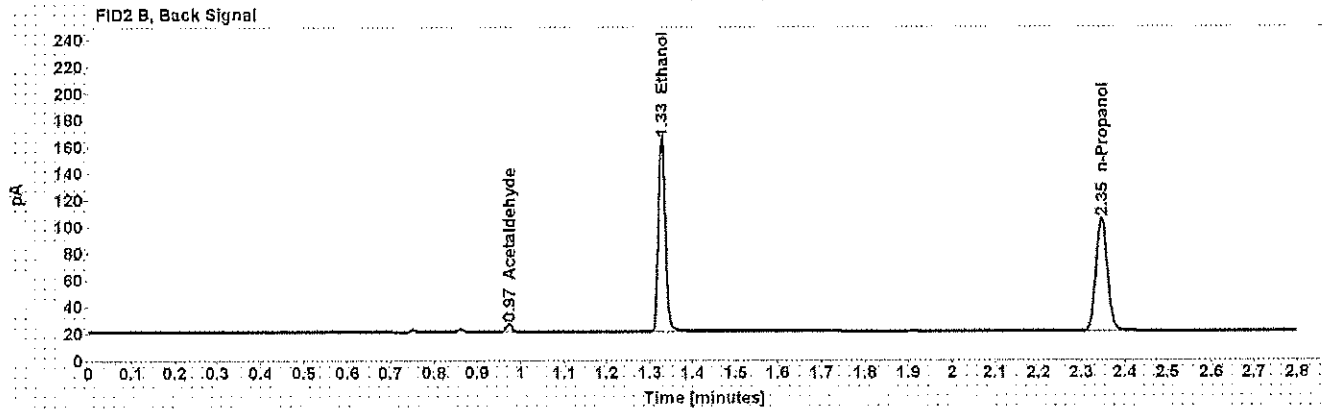
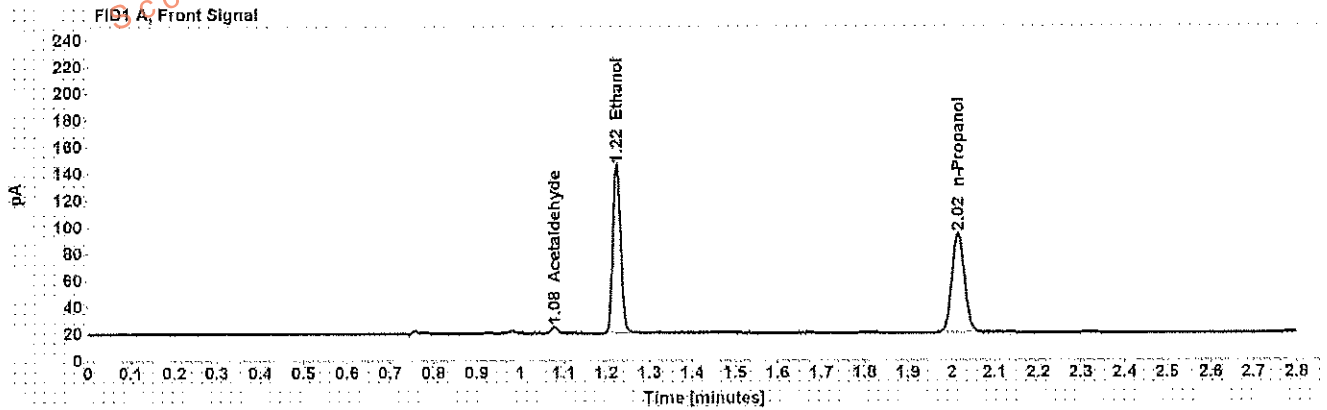


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.076
>Ethanol	0.2811	1.225	161,531
n-Propanol	-----	2.015	151,313

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.382
Ethanol	1.328	167,341
n-Propanol	2.346	156,691

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1137642
Injection date: 3/6/2017 6:48:33 PM	Vial: 47
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\6Mar17\47.D	

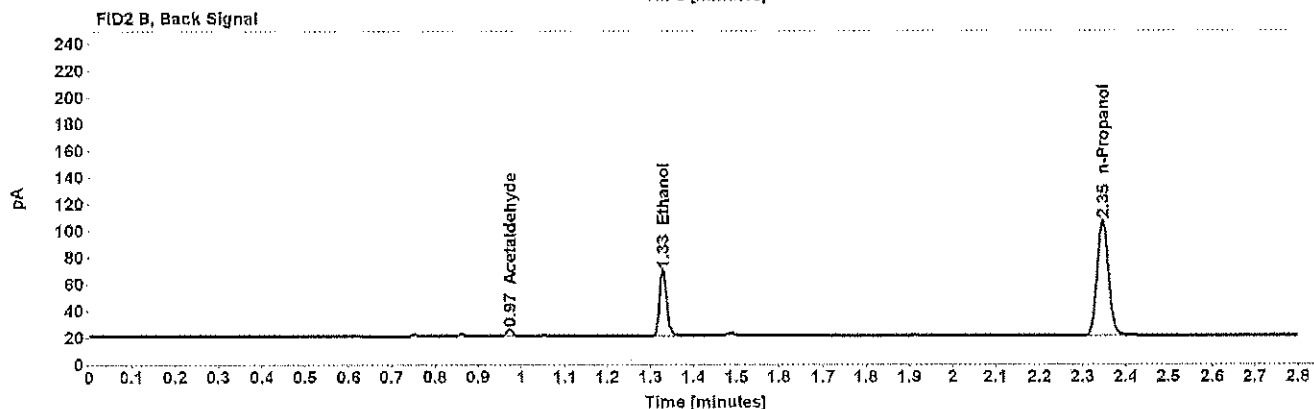
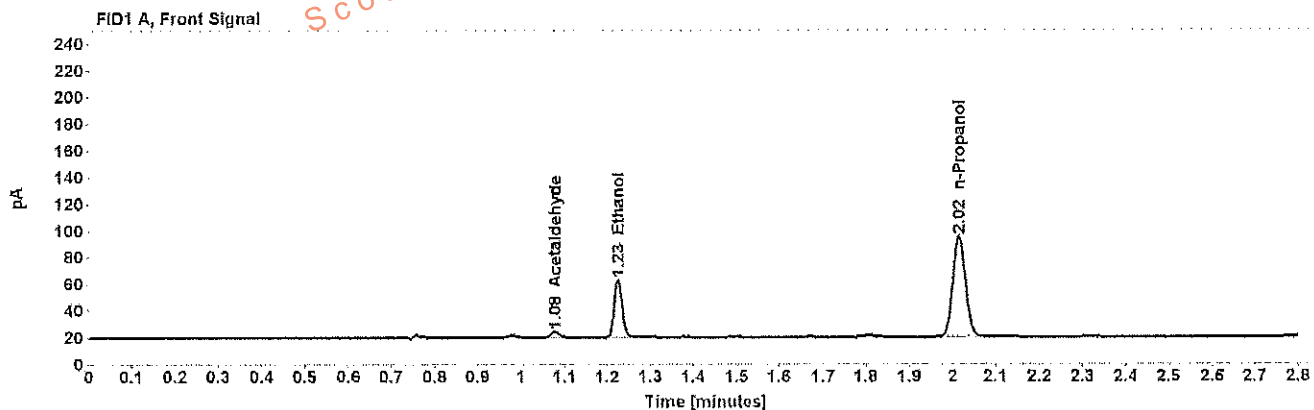


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.610
>Ethanol	0.0961	1.225	55.666
n-Propanol	-----	2.015	154.329

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.915
Ethanol	1.329	57.269
n-Propanol	2.346	159.560

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1137642
Injection date: 3/6/2017 6:52:33 PM	Vial: 48
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Mar17\48.D	

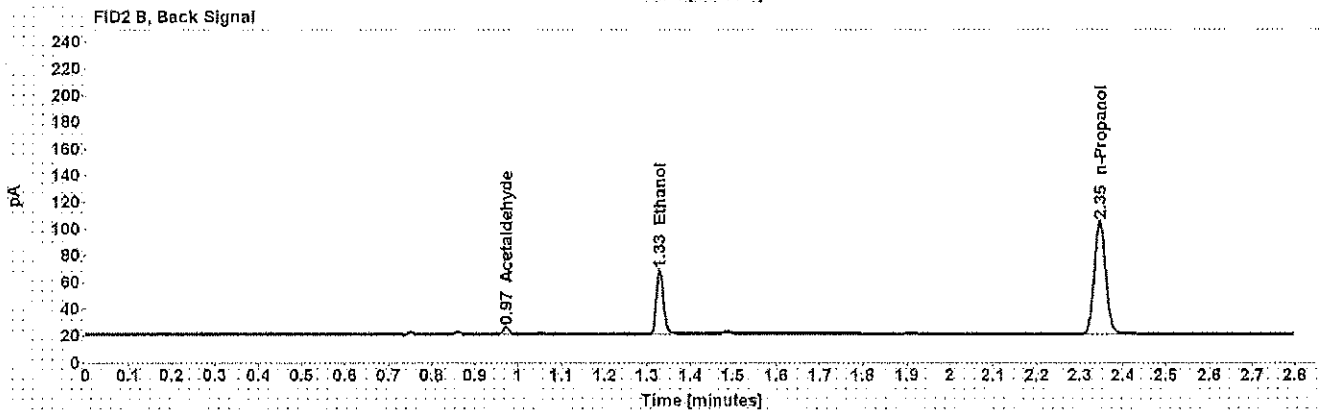
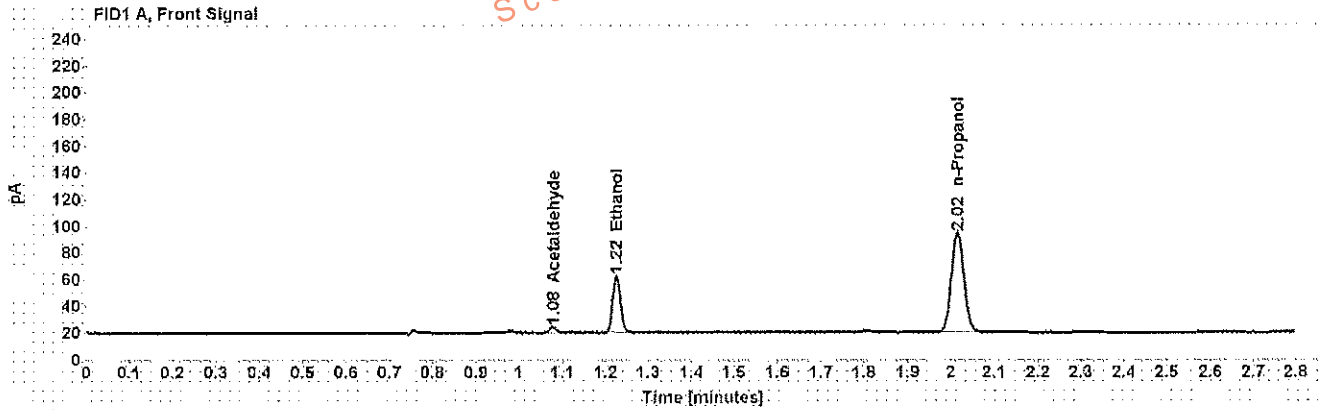


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.544
>Ethanol	0.0953	1.225	54.275
n-Propanol	-----	2.015	151.776

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.834
Ethanol	1.329	55.912
n-Propanol	2.346	157.051

Case: [REDACTED] User: wadrian 3/7/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	0000001
Injection date:	3/6/2017 6:56:48 PM	Vial:	49
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\6Mar17\49.D		

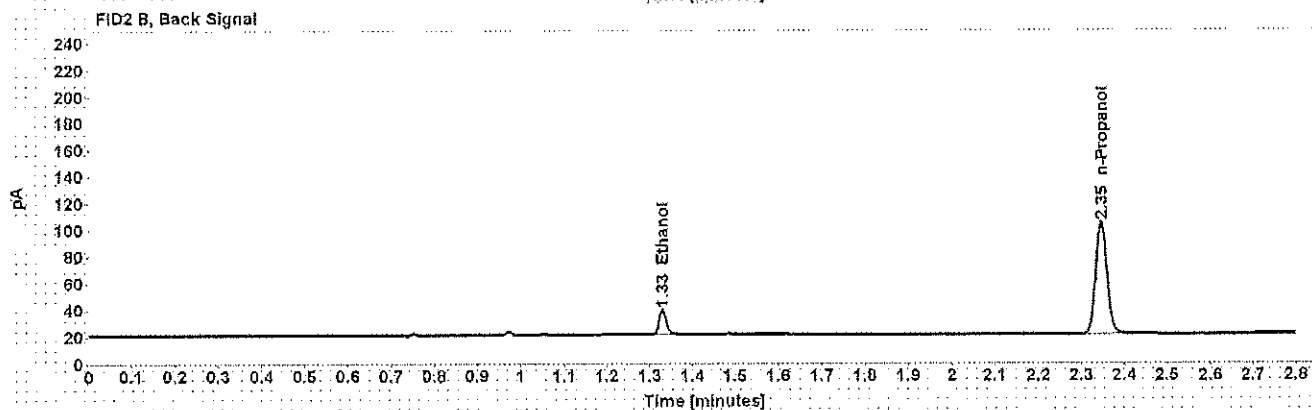
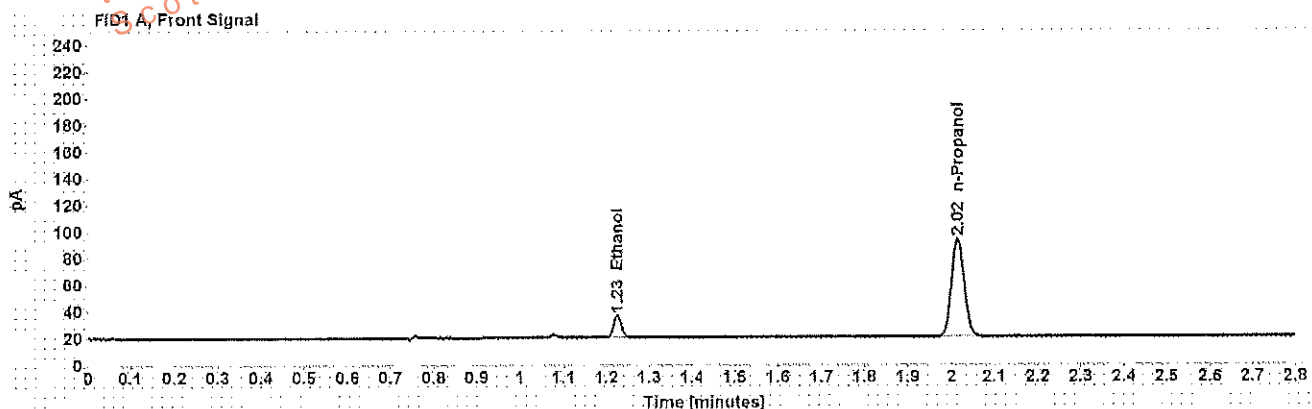


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0387	1.226	21.273
n-Propanol	-----	2.015	150.405

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

Compound	Time (min)	Peak Area
Ethanol	1.330	22.263
n-Propanol	2.346	155.506

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 0000001
Injection date: 3/6/2017 7:00:48 PM	Vial: 50
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\6Mar17\50.D	

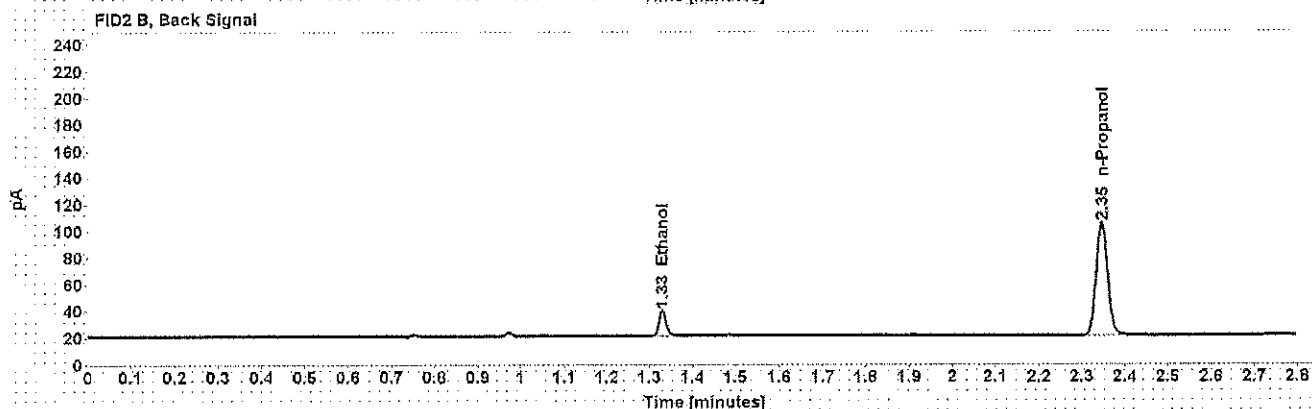
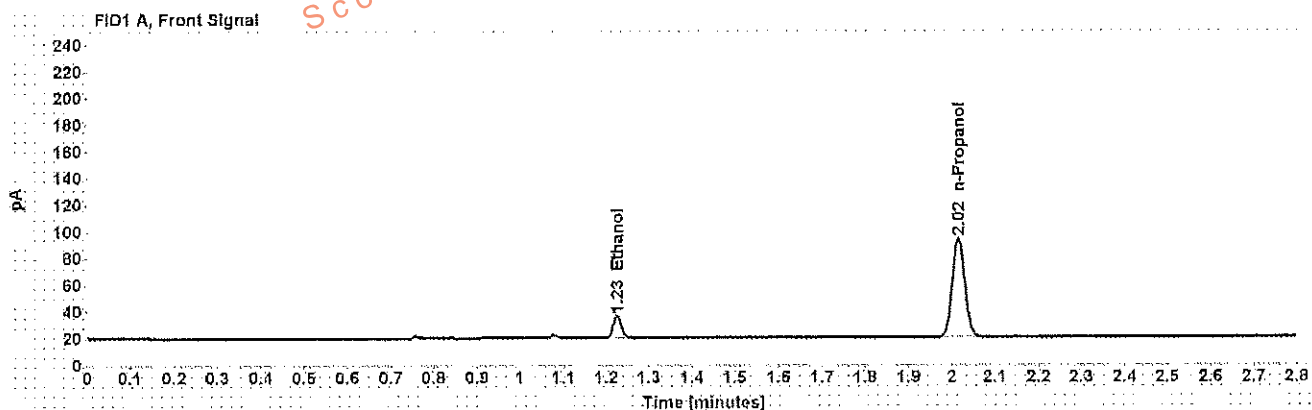


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0387	1.226	21.360
n-Propanol	-----	2.015	151.223

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

Compound	Time (min)	Peak Area
Ethanol	1.330	22.182
n-Propanol	2.346	156.424

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 0000002
Injection date: 3/6/2017 7:04:48 PM	Vial: 51
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\6Mar17\51.D	

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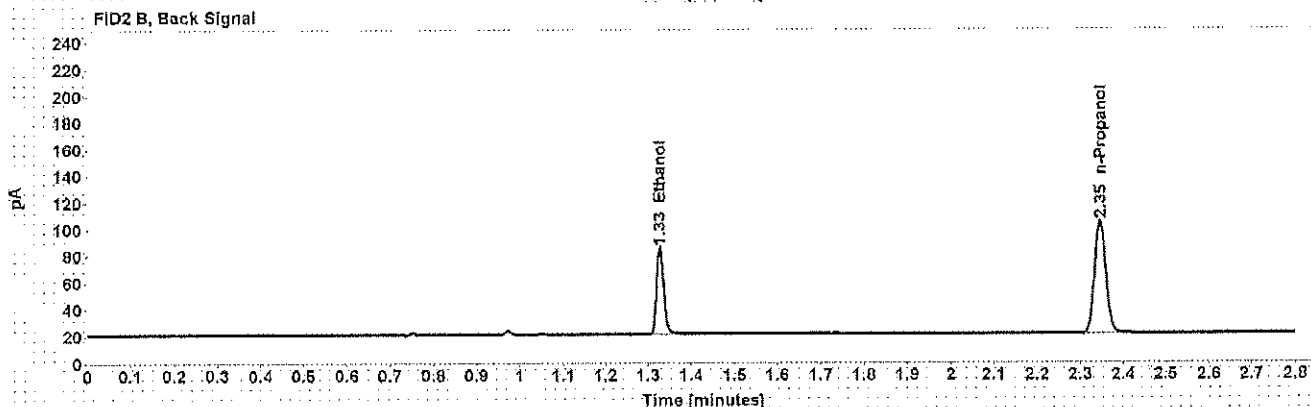
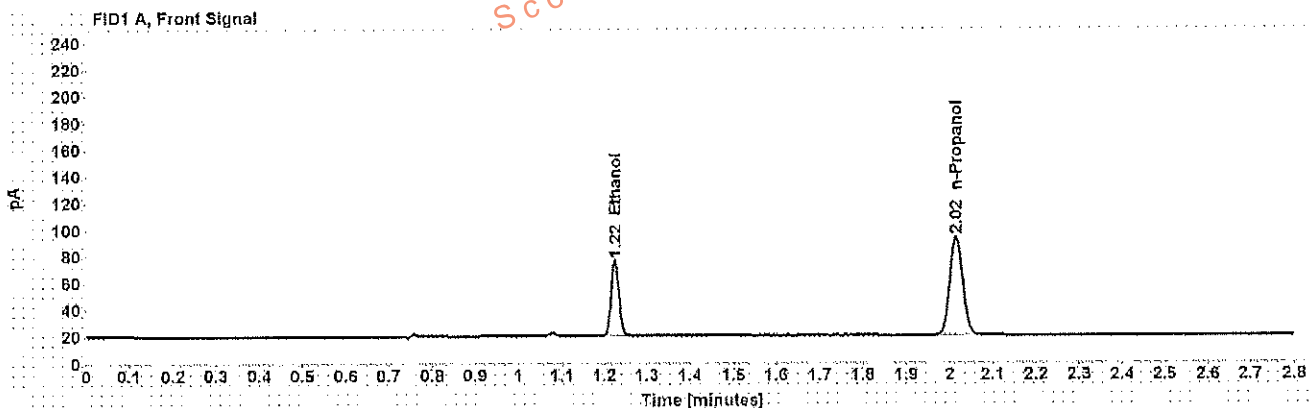


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1273	1.225	72.382
n-Propanol	-----	2.015	150.782

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

Compound	Time (min)	Peak Area
Ethanol	1.328	74.756
n-Propanol	2.346	155.807

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 0000002
Injection date: 3/6/2017 7:08:48 PM	Vial: 52
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\6Mar17\52.D	

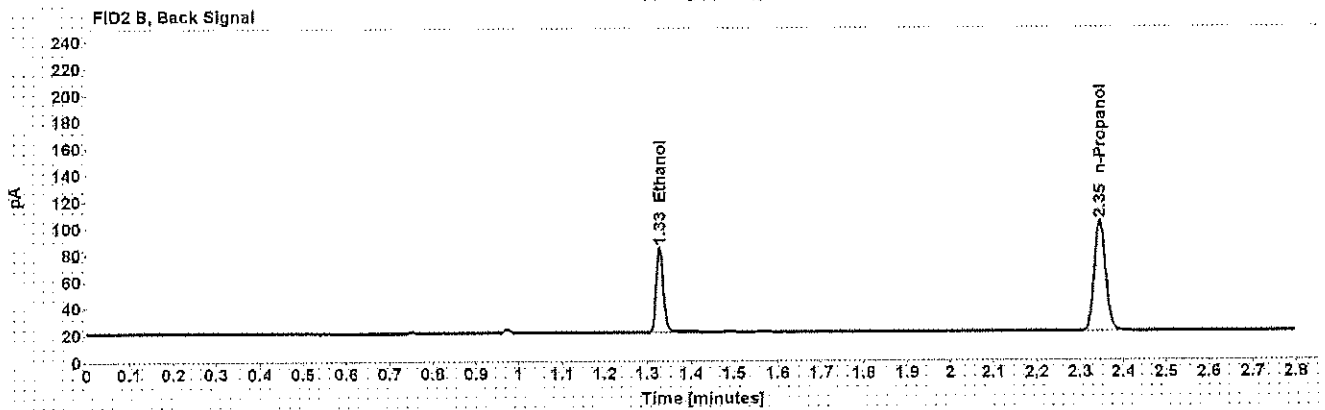
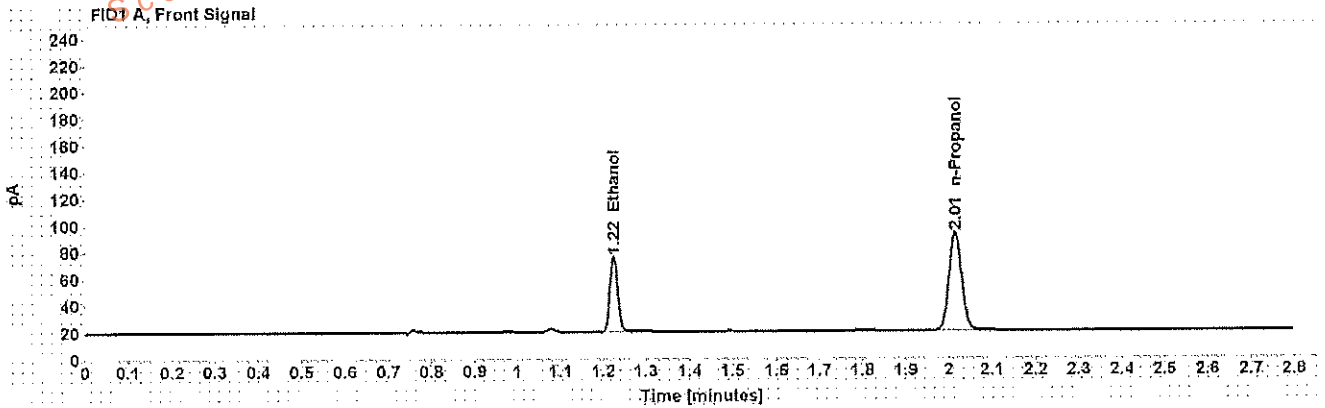


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1271	1.225	71.581
n-Propanol	-----	2.015	149.357

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

Compound	Time (min)	Peak Area
Ethanol	1.328	73.871
n-Propanol	2.346	154.270

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 0000003
Injection date: 3/6/2017 7:16:48 PM	Vial: 54
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
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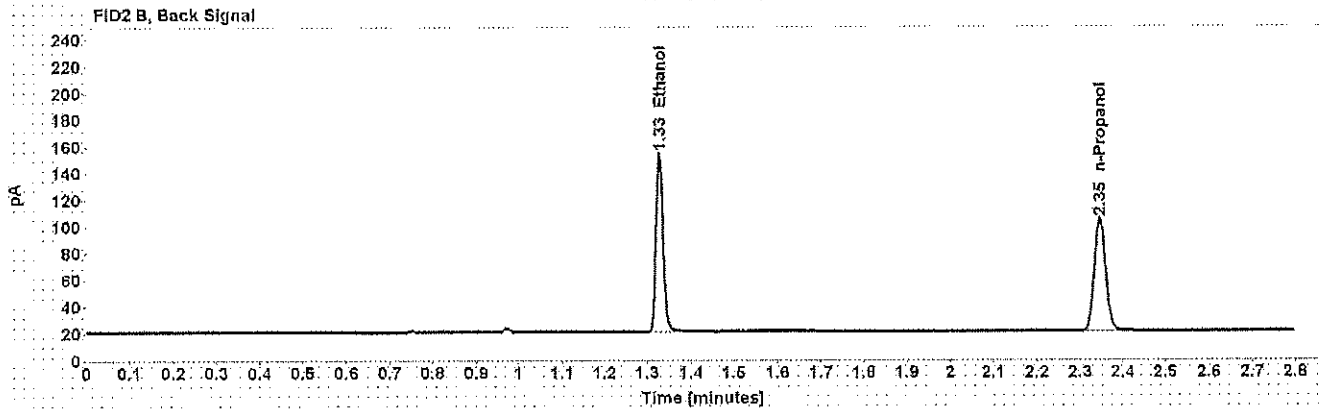
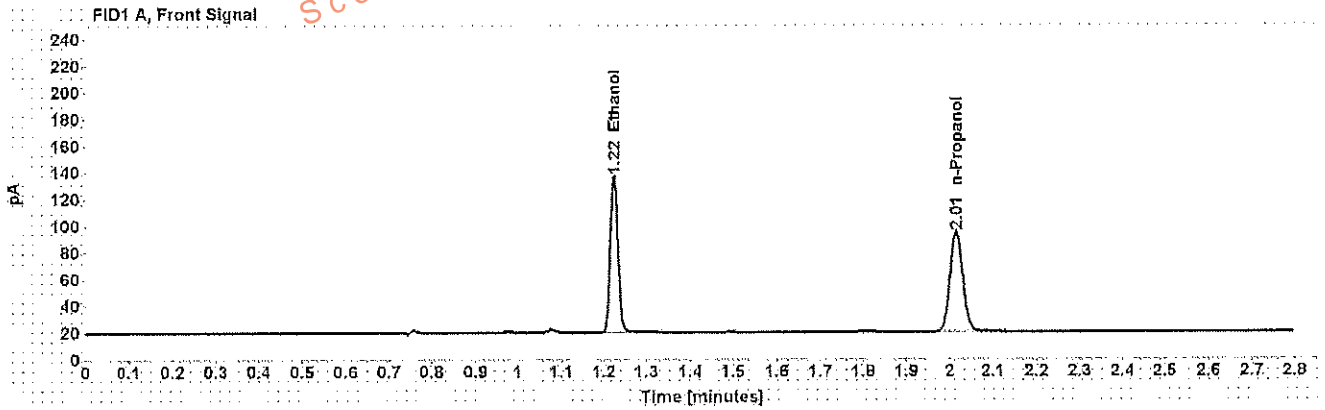


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2594	1.224	150.037
n-Propanol	-----	2.015	152.348

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

Compound	Time (min)	Peak Area
Ethanol	1.328	155.121
n-Propanol	2.348	157.449

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 0000003
Injection date: 3/6/2017 7:21:03 PM	Vial: 55
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
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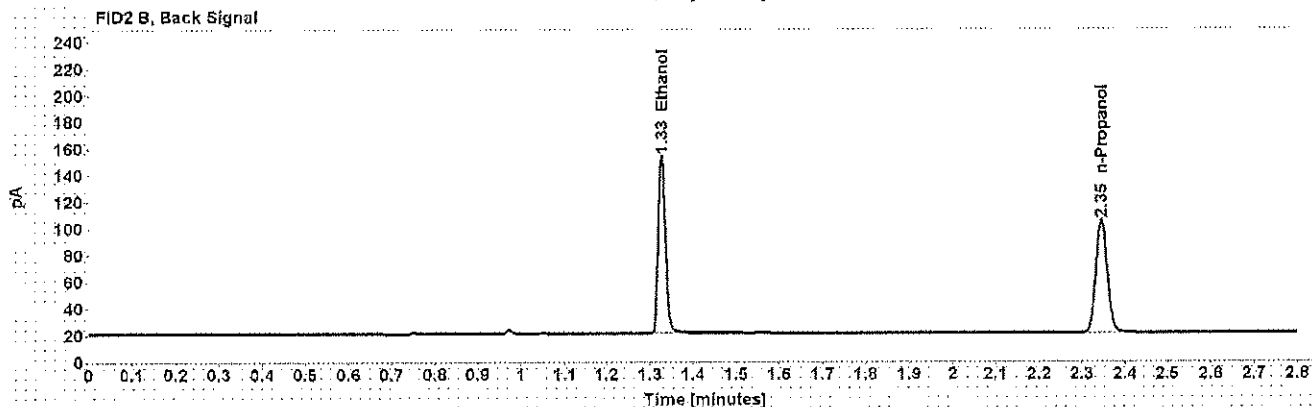
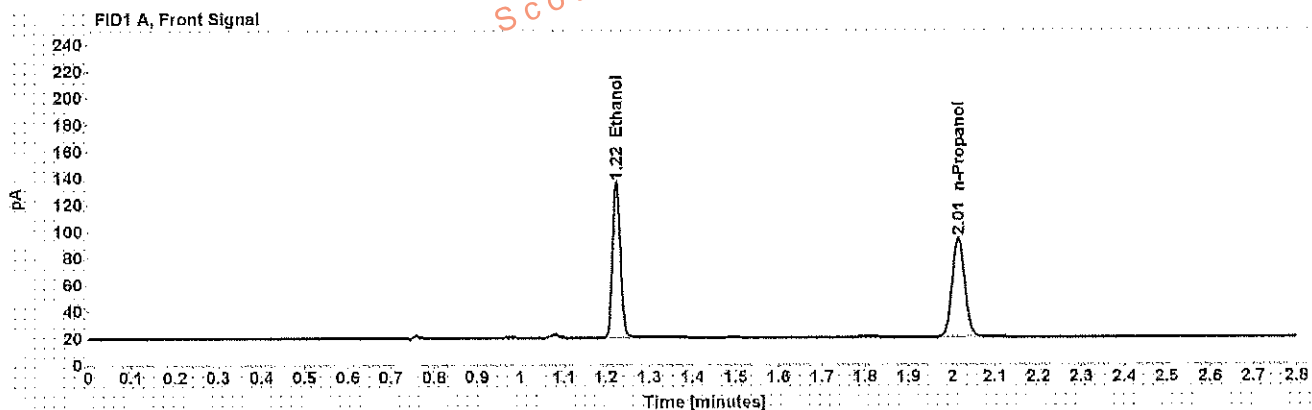


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2587	1.224	148.984
n-Propanol	-----	2.015	151.699

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

Compound	Time (min)	Peak Area
Ethanol	1.328	154.704
n-Propanol	2.346	156.792

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 0000004
Injection date: 3/6/2017 7:25:03 PM	Vial: 56
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Mar17\56.D	

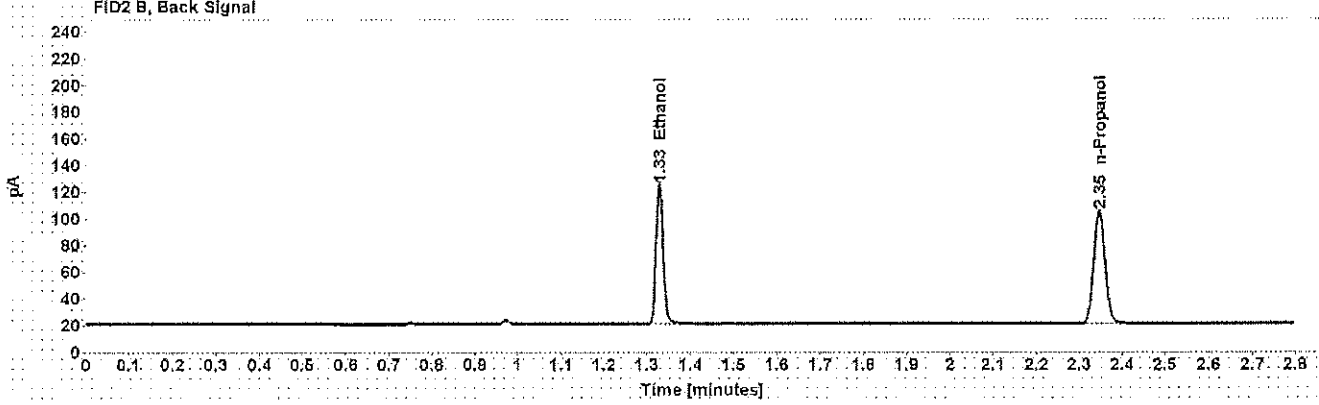
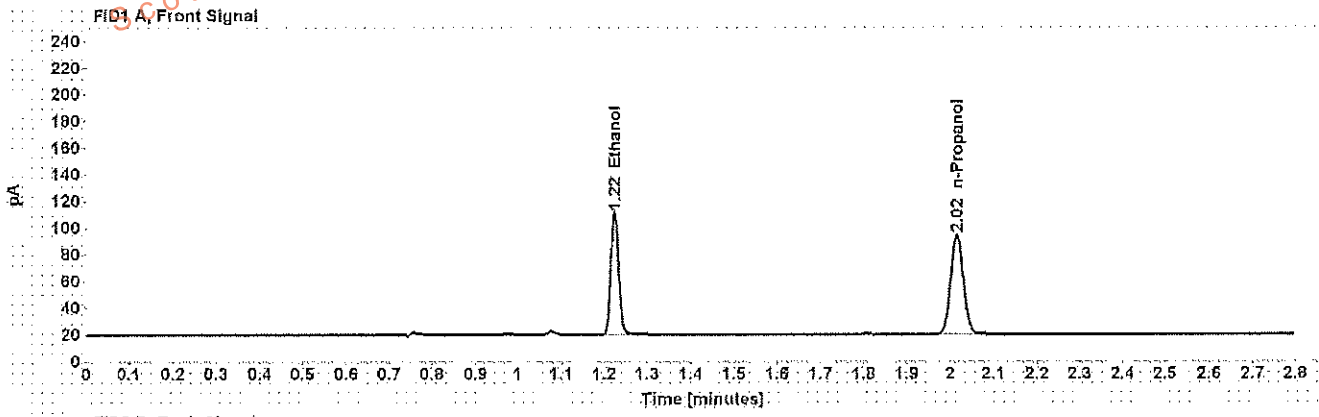


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2036	1.225	117.064
n-Propanol	-----	2.015	151.774

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

Compound	Time (min)	Peak Area
Ethanol	1.328	121.080
n-Propanol	2.346	156.914

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 0000004
Injection date: 3/6/2017 7:29:03 PM	Vial: 57
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
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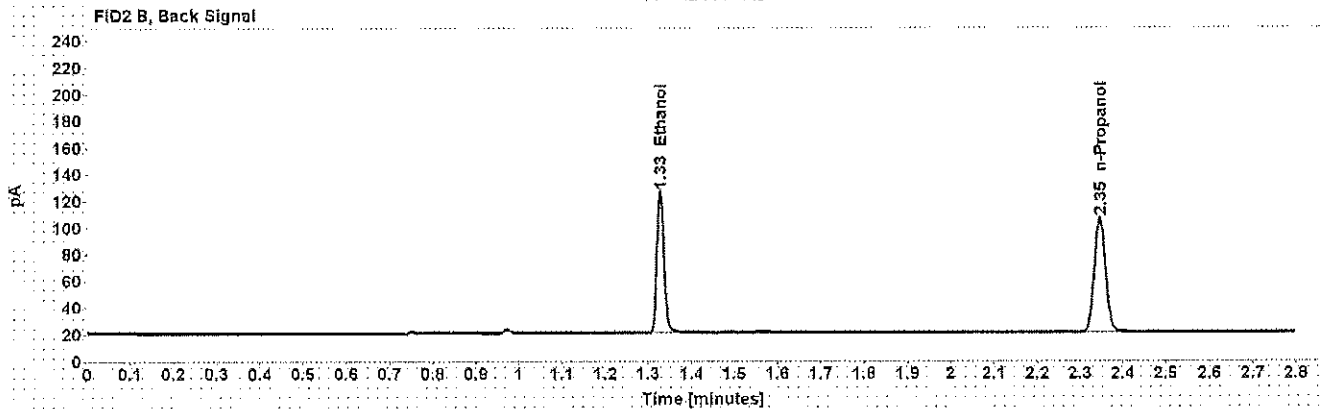
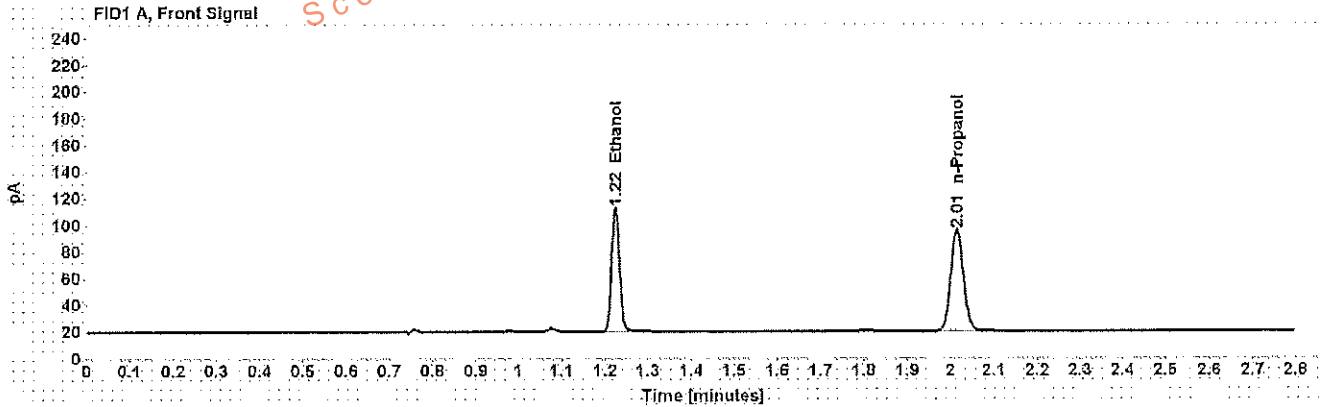


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2036	1.224	118.937
n-Propanol	-----	2.015	154.150

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

Compound	Time (min)	Peak Area
Ethanol	1.328	123.096
n-Propanol	2.346	159.299

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1137141
Injection date: 3/6/2017 7:33:03 PM	Vial: 58
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\6Mar17\58.D	

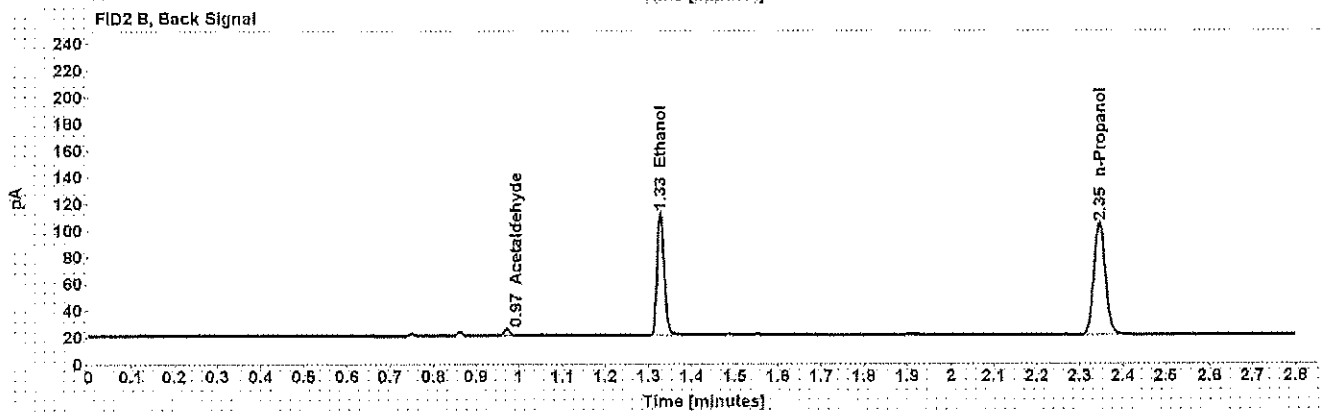
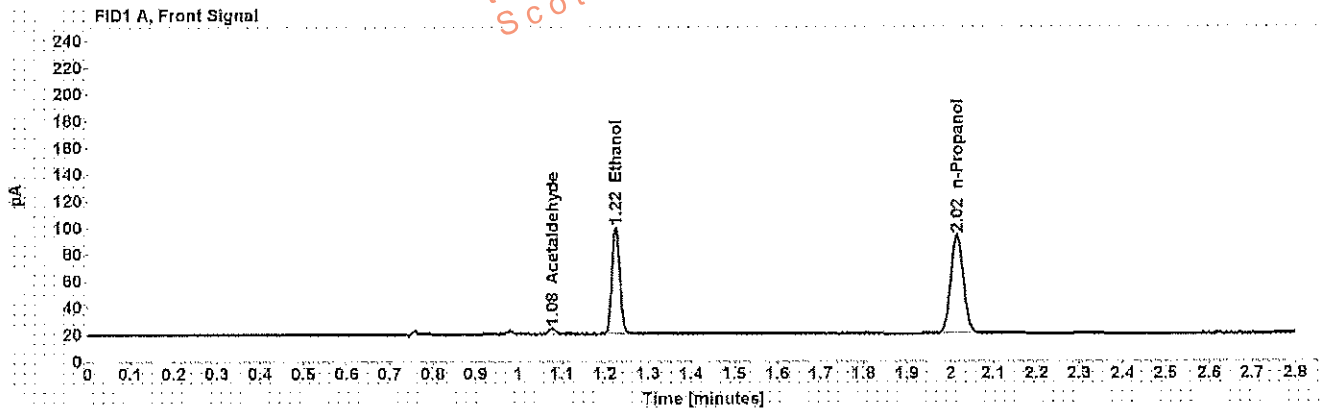


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.365
>Ethanol	0.1809	1.225	102.728
n-Propanol	-----	2.015	150.060

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.664
Ethanol	1.328	106.342
n-Propanol	2.346	155.312

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1137141
Injection date: 3/6/2017 7:37:03 PM	Vial: 59
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
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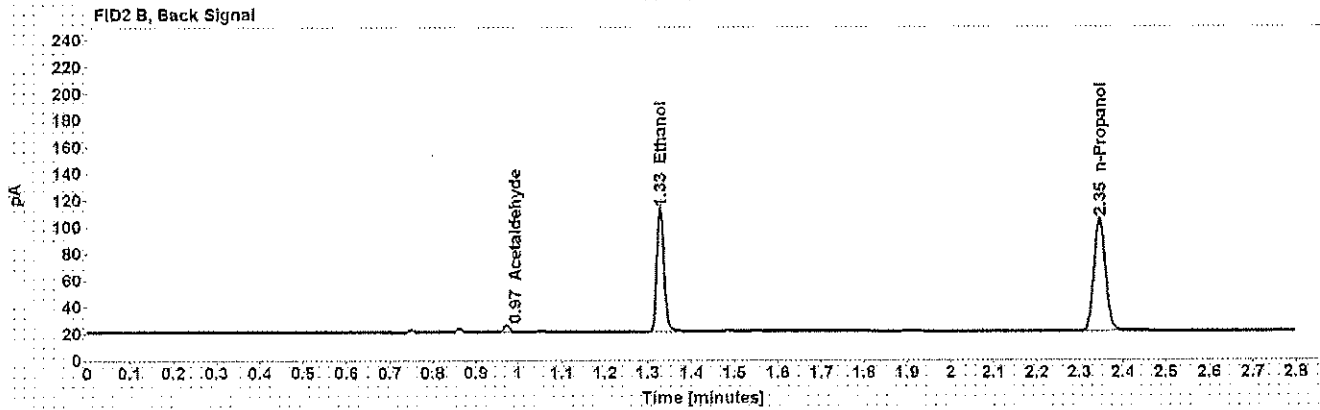
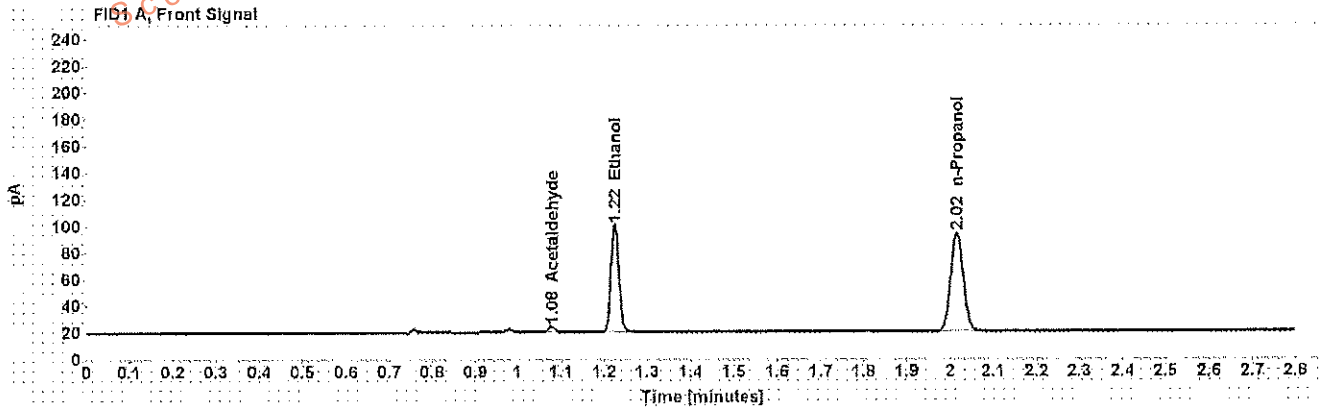


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.384
>Ethanol	0.1800	1.225	103.312
n-Propanol	-----	2.015	151.664

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.681
Ethanol	1.328	107.627
n-Propanol	2.346	156.197

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1138128
Injection date:	3/6/2017 7:41:03 PM	Vial:	60
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\6Mar17\60.D		

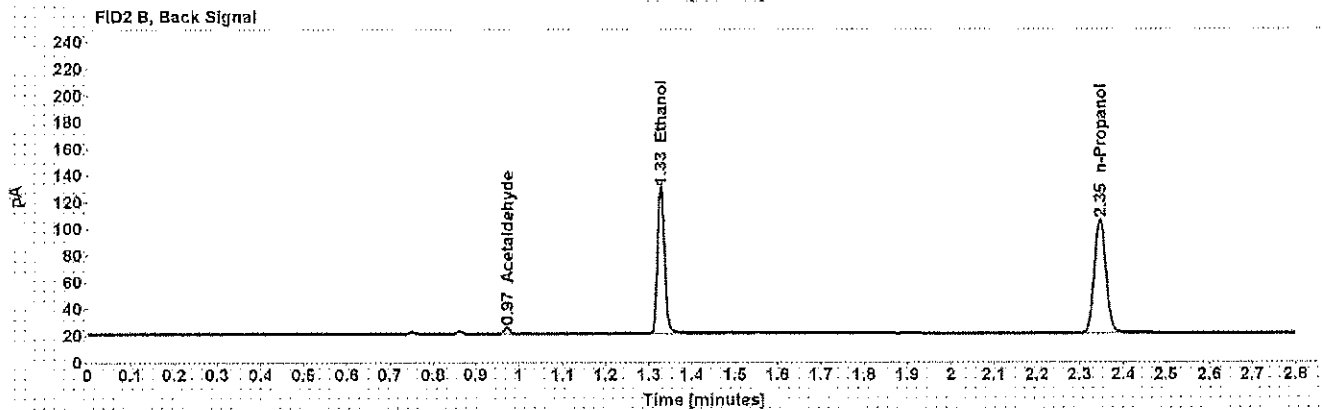
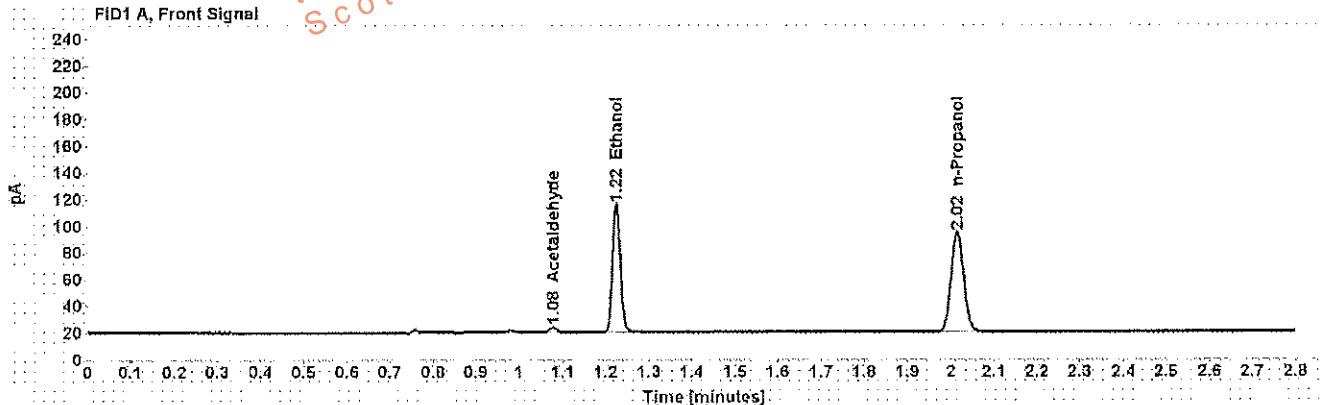


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.031
>Ethanol	0.2122	1.225	122.702
n-Propanol	-----	2.015	152.557

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.298
Ethanol	1.328	126.968
n-Propanol	2.346	158.000

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1138128
Injection date:	3/6/2017 7:45:18 PM	Vial:	61
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Mar17\61.D		

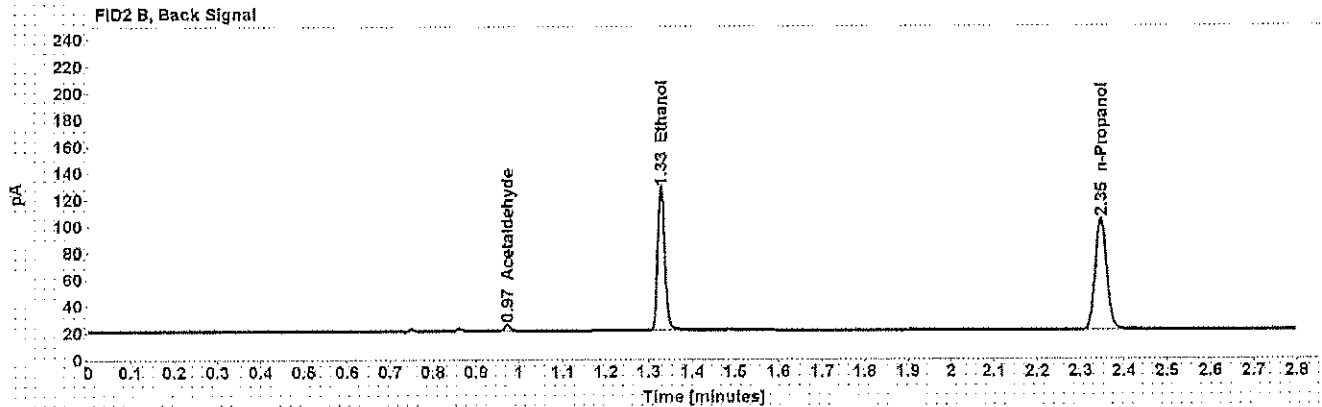
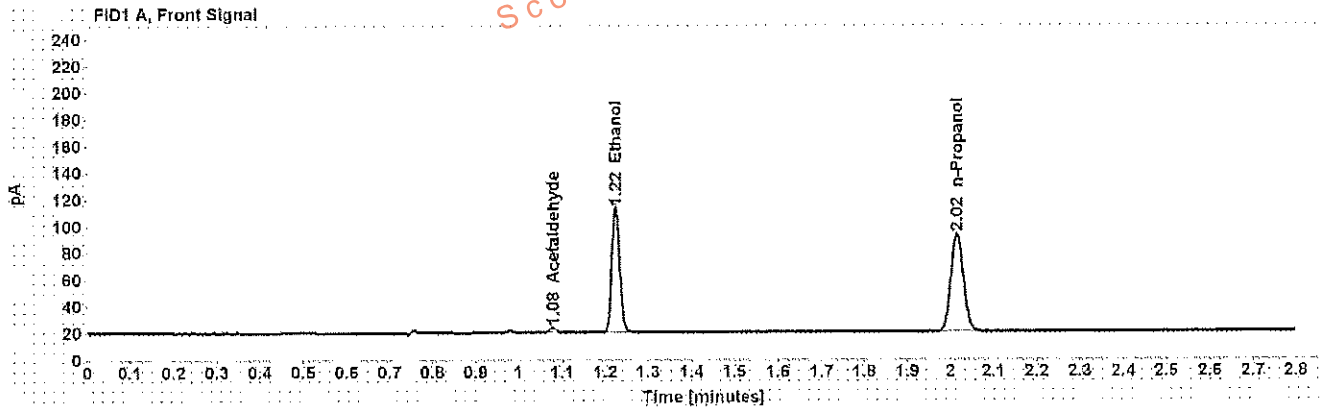


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.946
>Ethanol	0.2111	1.225	119.564
n-Propanol	-----	2.015	149.455

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.254
Ethanol	1.328	123.824
n-Propanol	2.346	154.706

Case: [REDACTED]

User: wadrian 3/7/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1138814
Injection date:	3/6/2017 7:49:18 PM	Vial:	62
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
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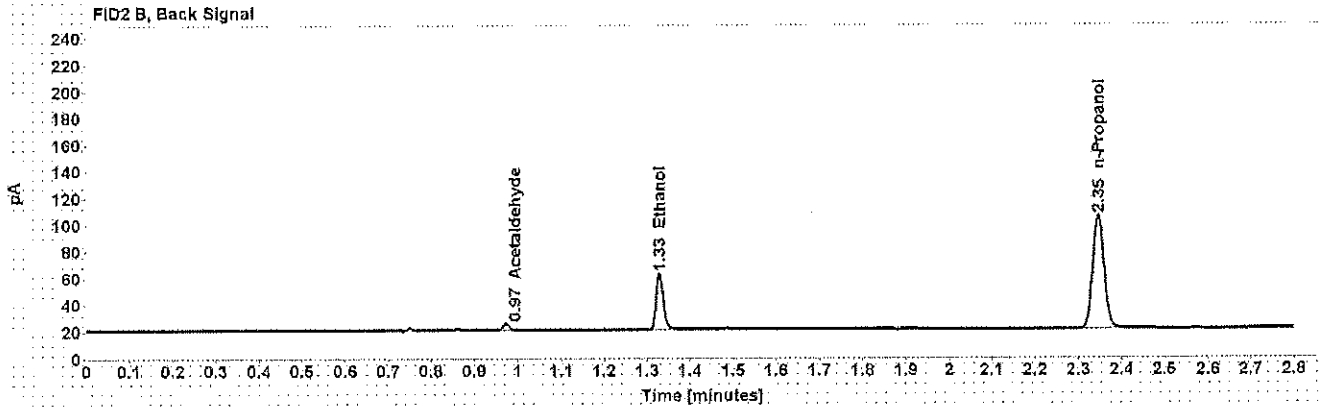
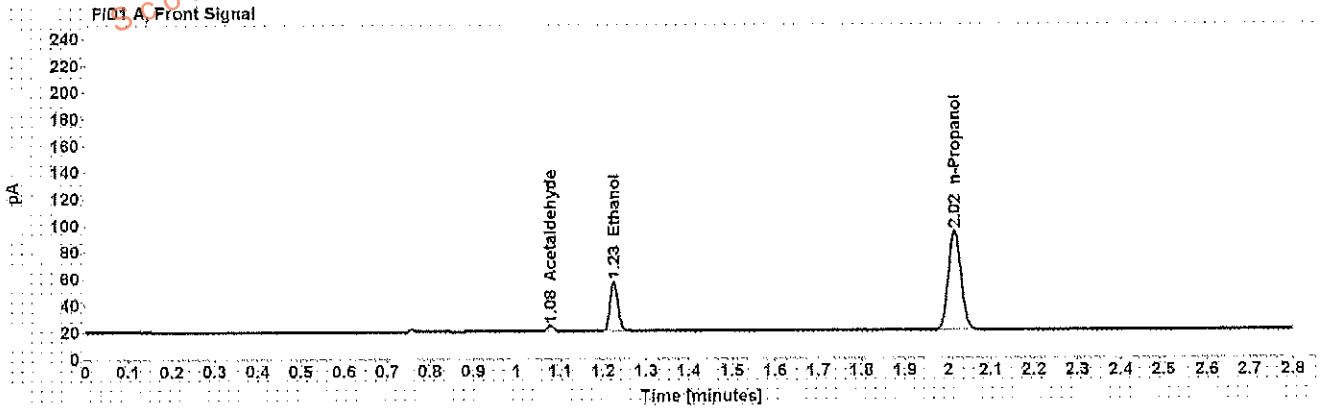


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.352
>Ethanol	0.0837	1.225	47.596
n-Propanol	-----	2.015	151.947

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.578
Ethanol	1.329	48.902
n-Propanol	2.346	157.066

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1138814
Injection date:	3/6/2017 7:53:18 PM	Vial:	63
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\6Mar17\63.D		

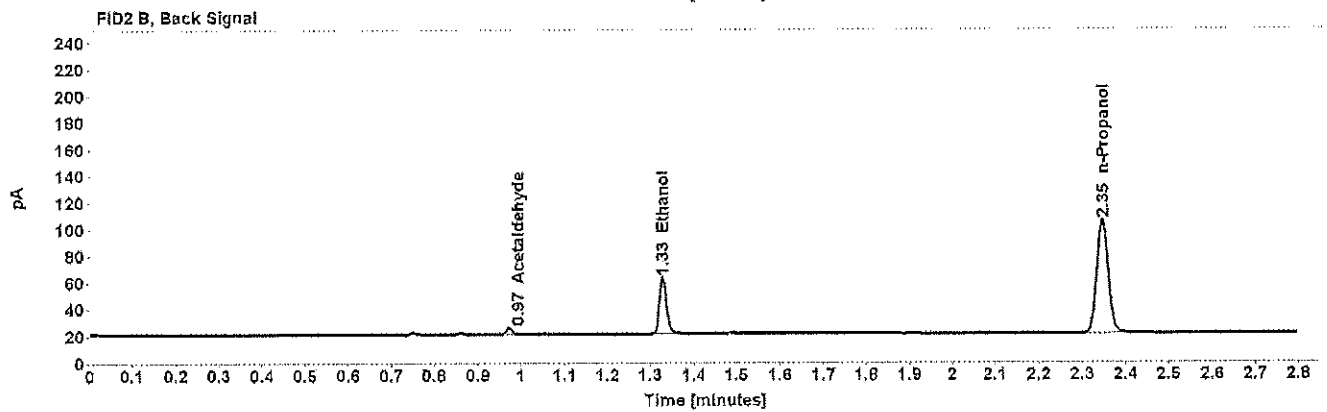
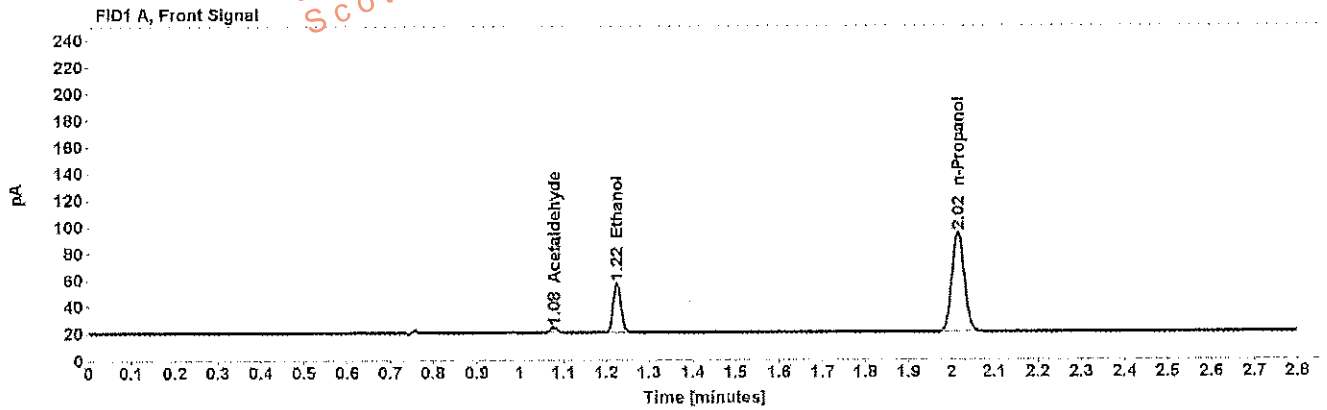


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.342
>Ethanol	0.0834	1.225	47.579
n-Propanol	-----	2.015	152.357

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.558
Ethanol	1.328	48.749
n-Propanol	2.346	157.612

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1138366
Injection date: 3/6/2017 8:01:18 PM	Vial: 65
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Mar17\65.D	

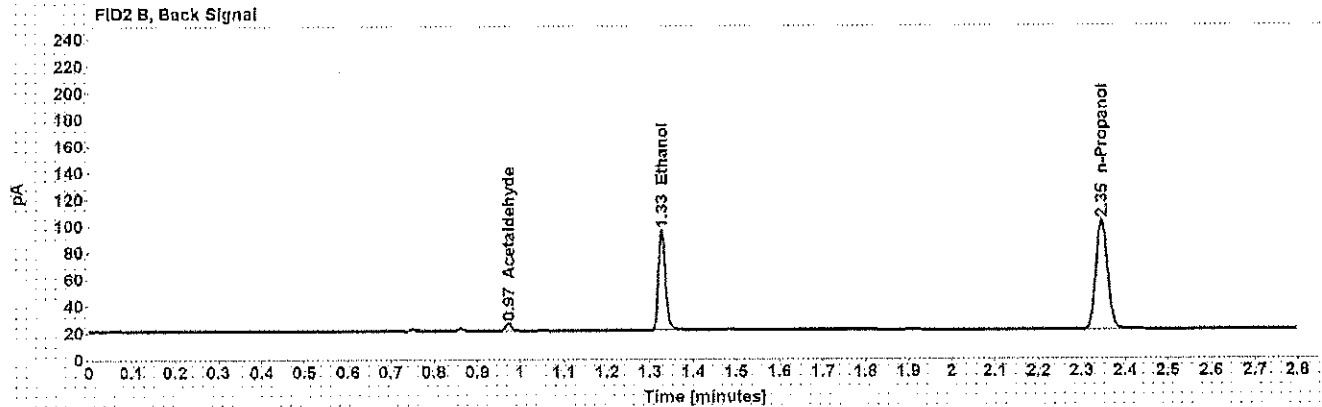
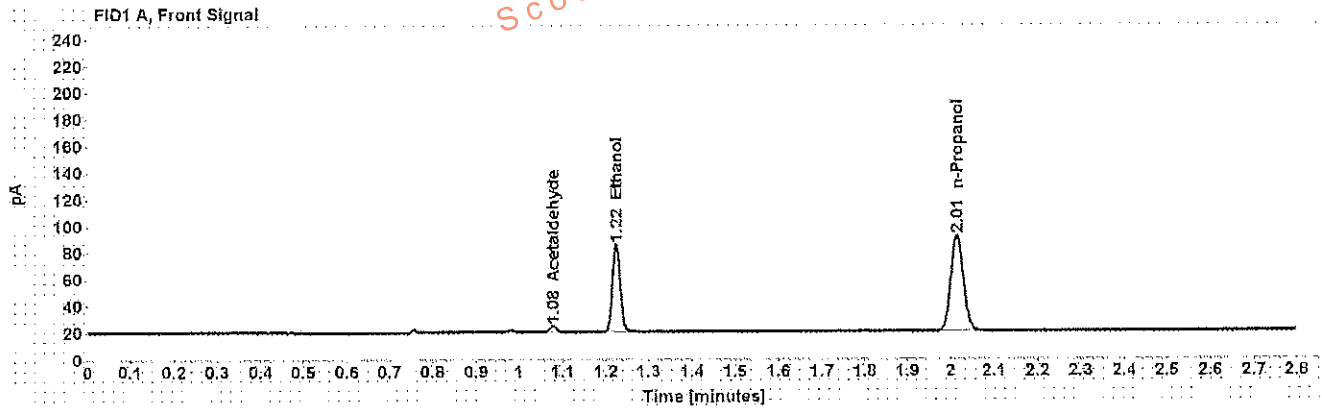


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.753
>Ethanol	0.1521	1.224	84.361
n-Propanol	-----	2.015	146.777

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.067
Ethanol	1.328	87.222
n-Propanol	2.345	151.831

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1138366
Injection date: 3/8/2017 8:05:18 PM	Vial: 66
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\6Mar17\66.D	

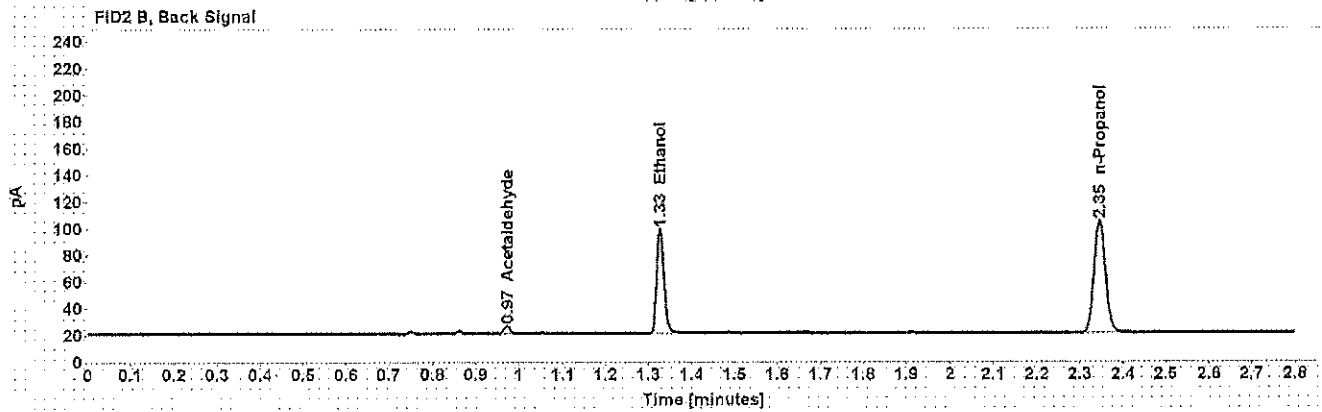
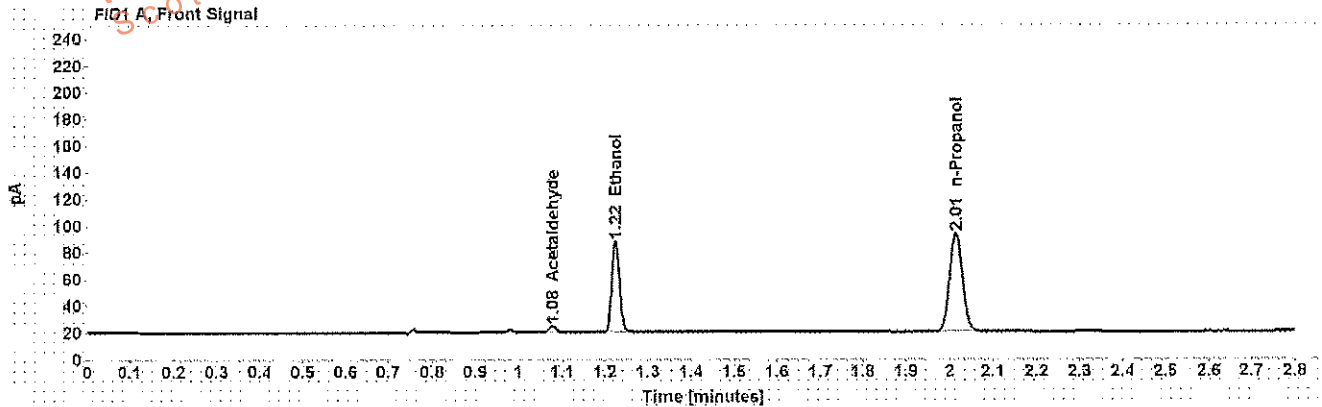


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4,919
>Ethanol	0.1535	1.224	87.498
n-Propanol	-----	2.015	150.839

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5,246
Ethanol	1.328	90.402
n-Propanol	2.345	156.097

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1138818
Injection date:	3/6/2017 8:09:32 PM	Vial:	67
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\6Mar17\67.D		

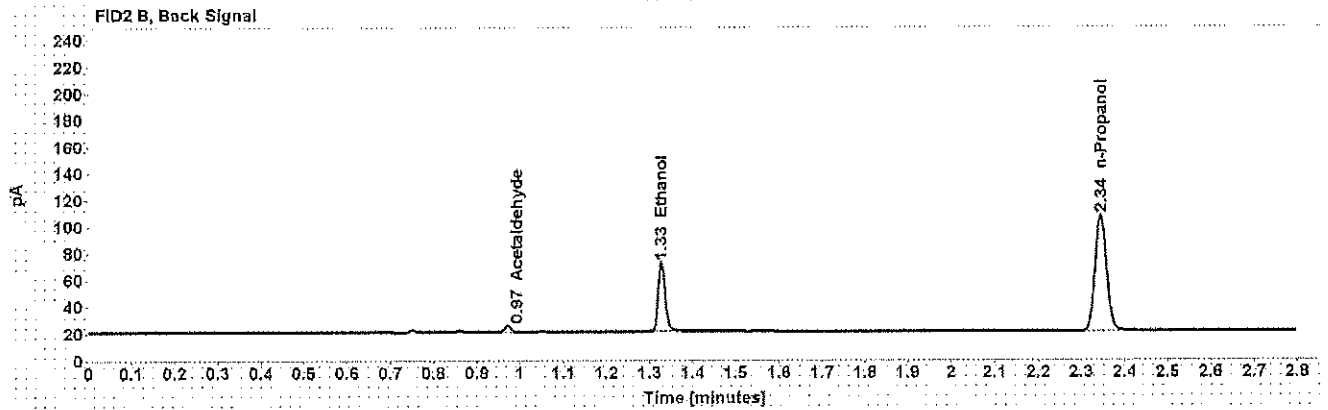
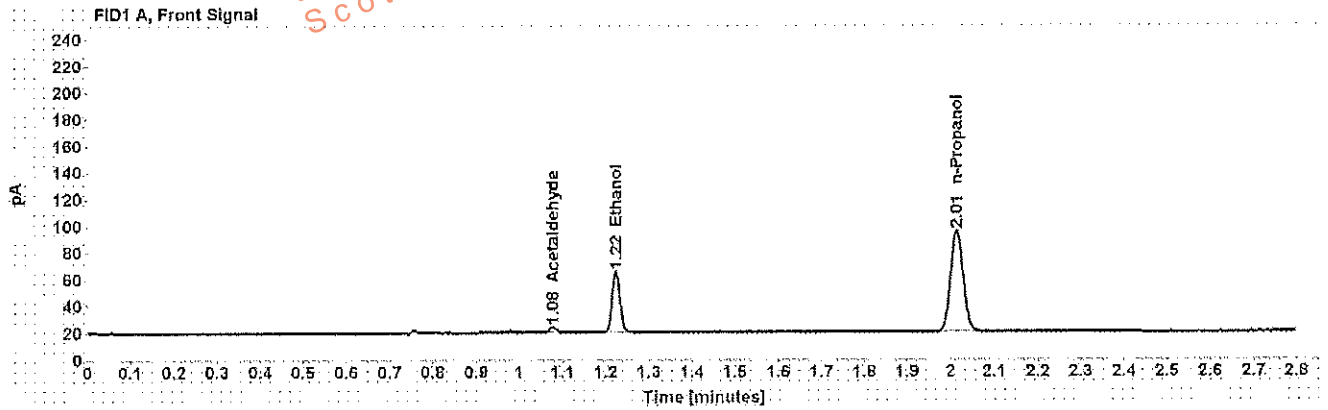


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.201
>Ethanol	0.1005	1.224	58.551
n-Propanol	-----	2.014	155.166

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.504
Ethanol	1.327	60.301
n-Propanol	2.345	160.326

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1138818
Injection date: 3/6/2017 8:13:33 PM	Vial: 68
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Mar17\68.D	

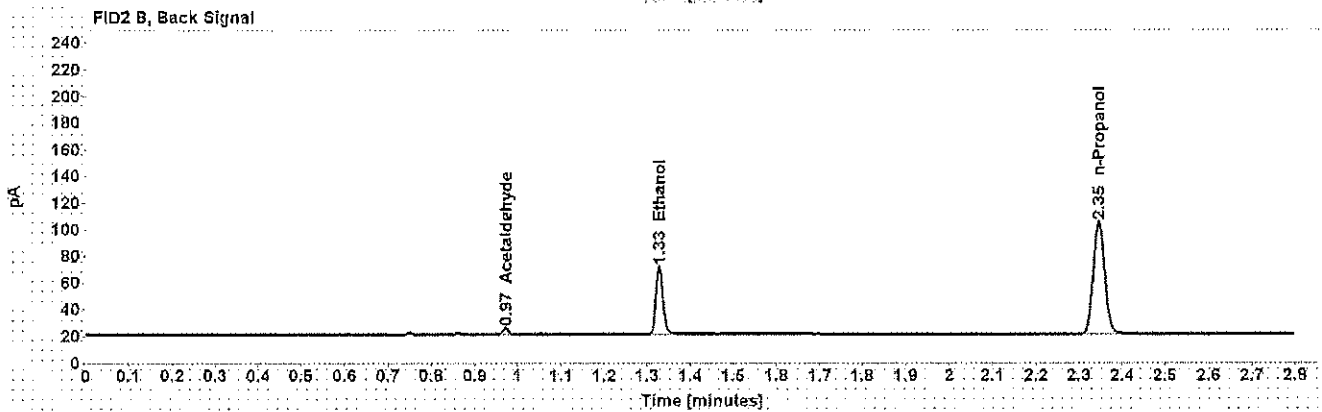
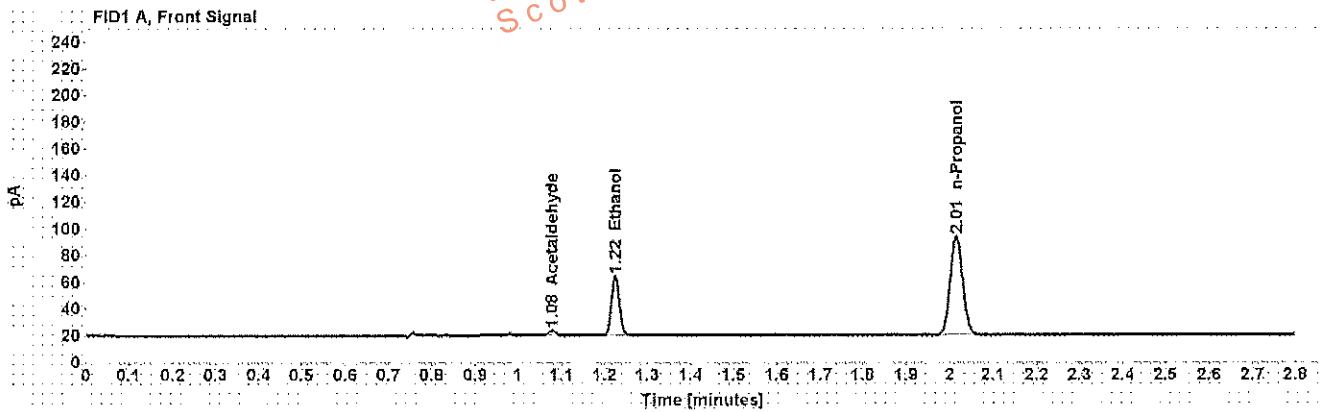


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.087
>Ethanol	0.1004	1.225	57.020
n-Propanol	-----	2.015	151.188

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.334
Ethanol	1.328	58.657
n-Propanol	2.346	156.439

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1137337
Injection date: 3/6/2017 8:17:33 PM	Vial: 69
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\6Mar17\69.D	

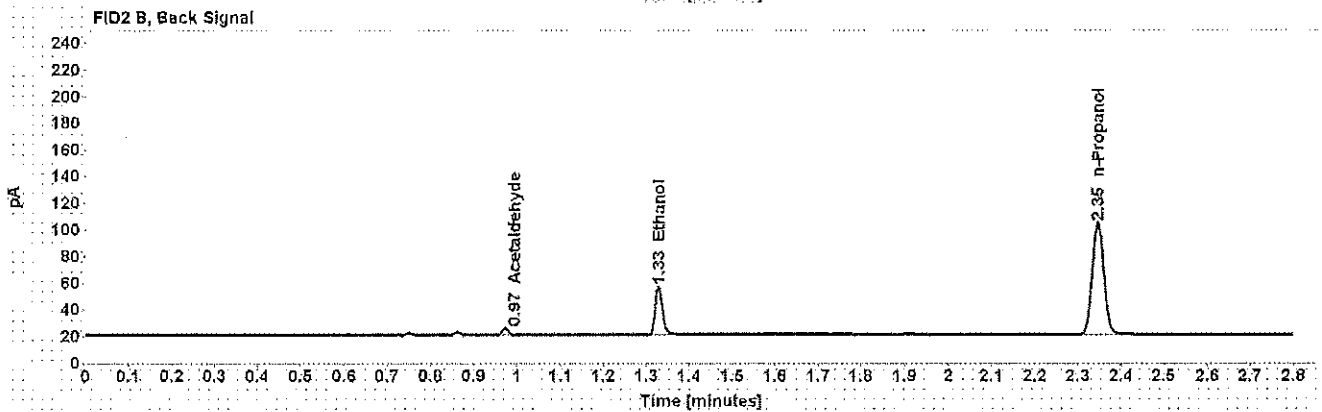
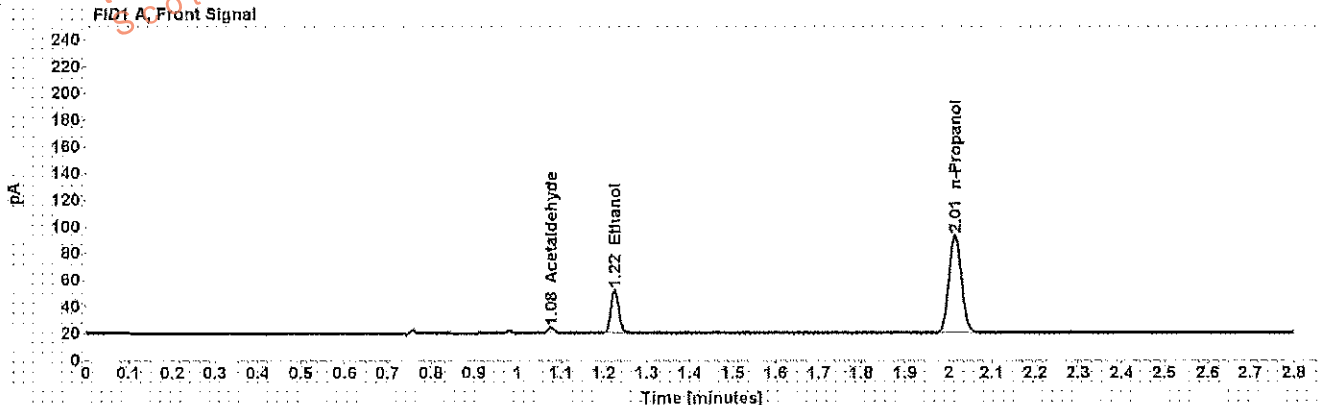


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.314
>Ethanol	0.0731	1.225	40.867
n-Propanol	-----	2.015	149.900

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.604
Ethanol	1.328	42.072
n-Propanol	2.346	155.185

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1137337
Injection date:	3/6/2017 8:21:33 PM	Vial:	70
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\6Mar17\70.D		

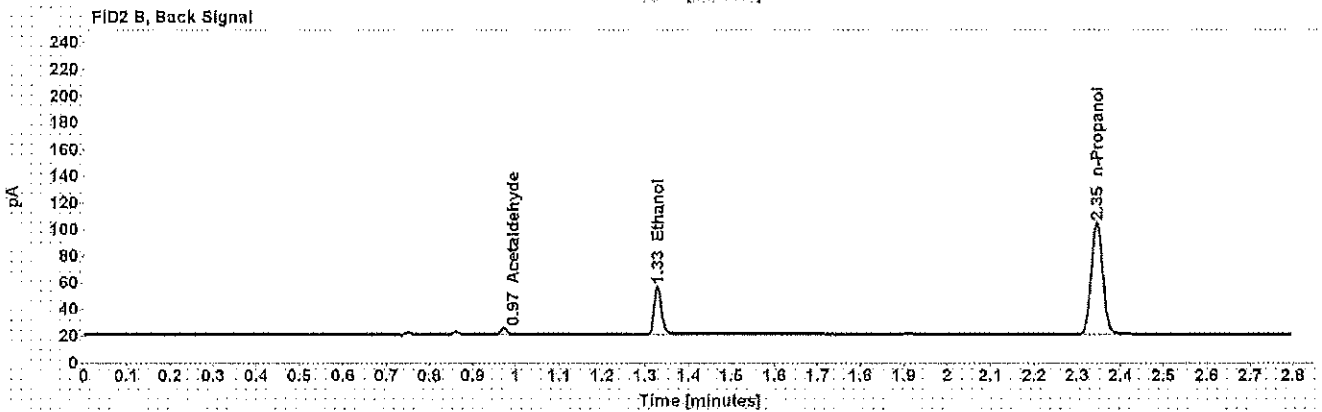
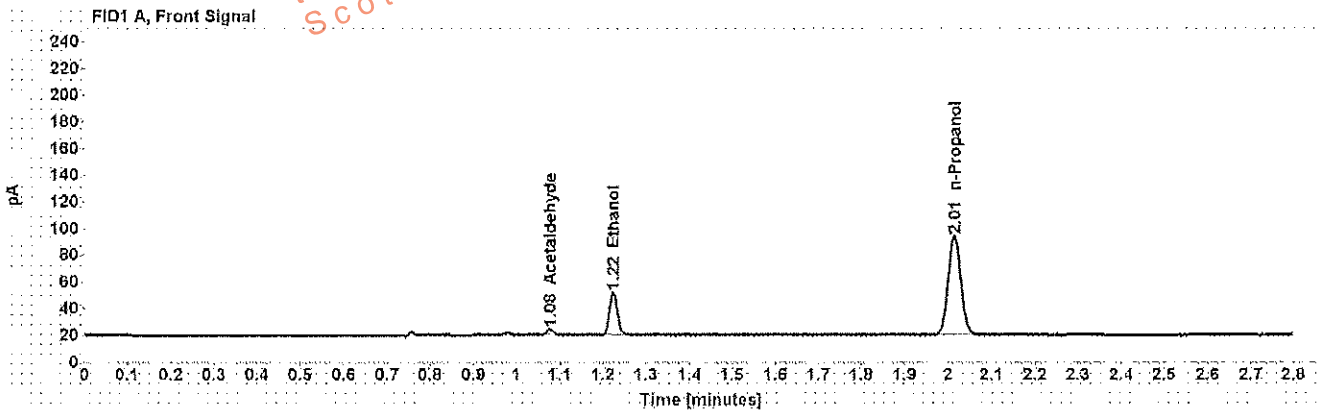


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.305
>Ethanol	0.0726	1.225	40.827
n-Propanol	-----	2.014	150.650

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.605
Ethanol	1.328	42.086
n-Propanol	2.345	155.886

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1138890
Injection date: 3/6/2017 8:25:33 PM	Vial: 71
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\6Mar17\71.D	

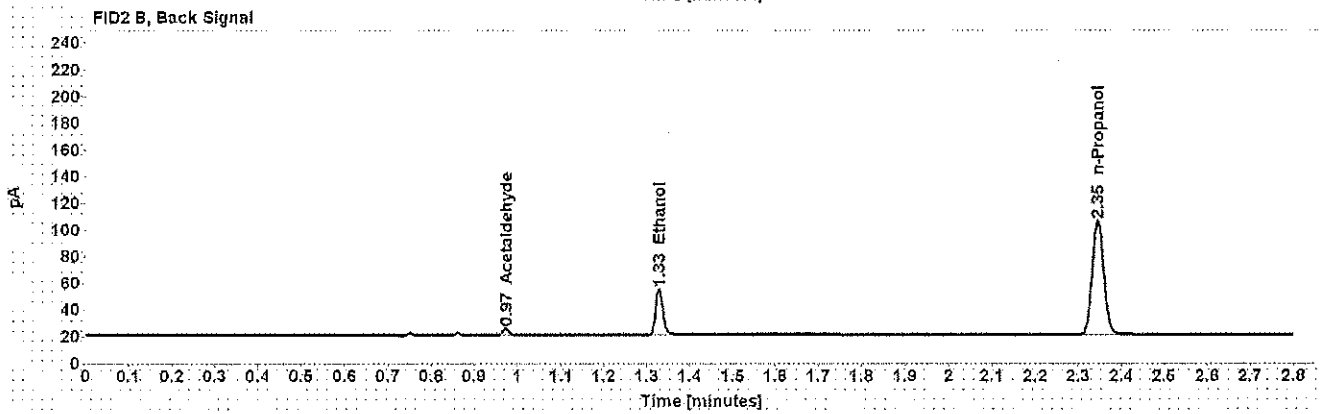
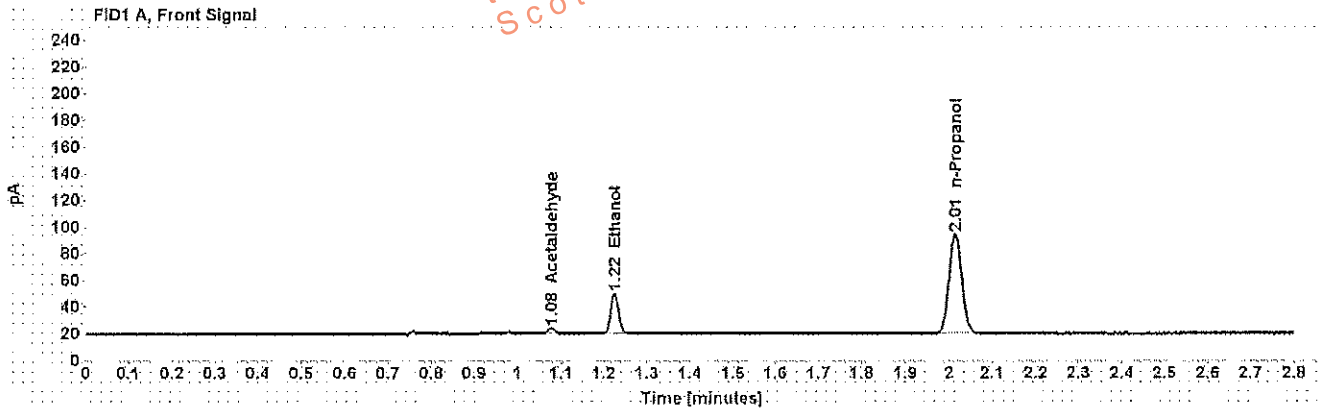


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.198
>Ethanol	0.0681	1.225	38.816
n-Propanol	-----	2.015	153.021

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.477
Ethanol	1.329	39.844
n-Propanol	2.346	158.174

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1138890
Injection date: 3/6/2017 8:29:33 PM	Vial: 72
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Mar17\72.D	

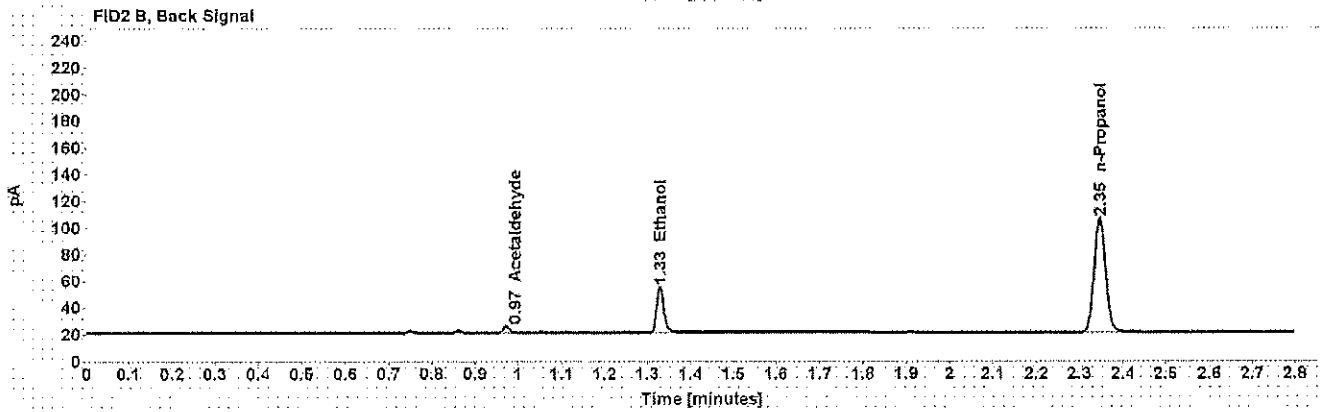
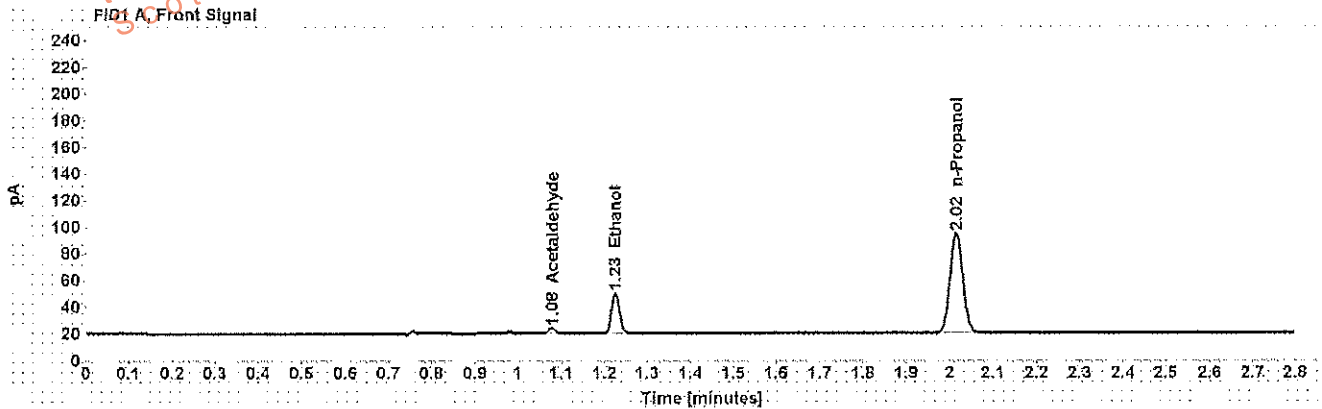


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.209
>Ethanol	0.0682	1.225	38.975
n-Propanol	-----	2.015	153.418

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.501
Ethanol	1.329	40.228
n-Propanol	2.346	158.518

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]		Item number:	1137644
Injection date:	3/6/2017 8:33:48 PM	Vial:	73
Method:	ethanol quant.M	Sequence:	6Mar17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11Data\6Mar17\73.D		

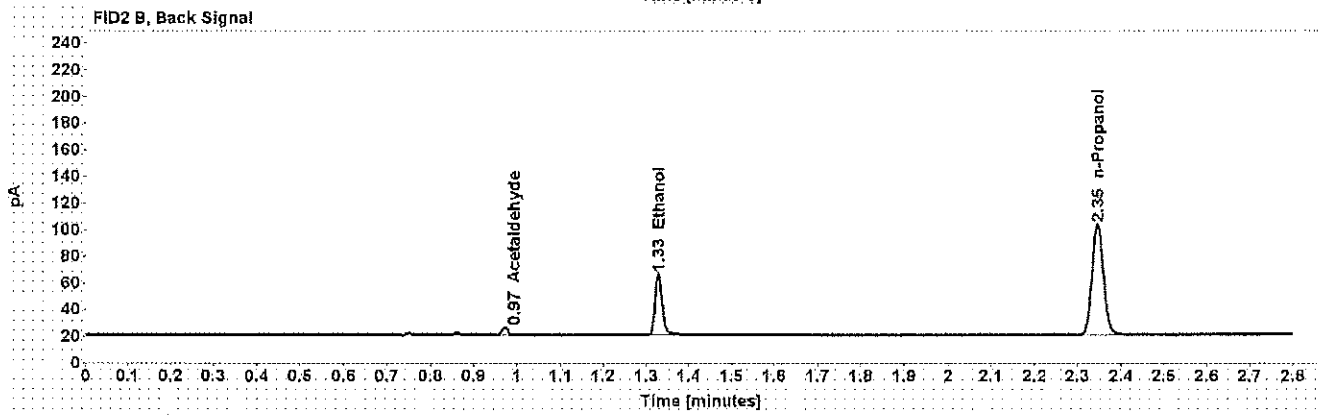
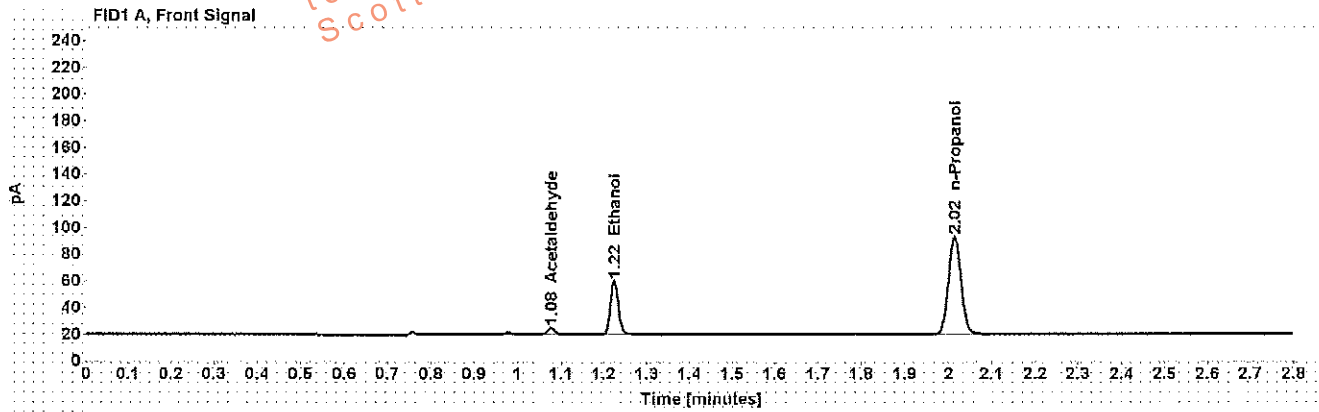


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.004
>Ethanol	0.0914	1.225	51.022
n-Propanol	-----	2.015	148.961

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.302
Ethanol	1.328	52.530
n-Propanol	2.346	154.165

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1137644
Injection date: 3/6/2017 8:37:48 PM	Vial: 74
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Mar17\74.D	

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Scottsdale City Prosecutor

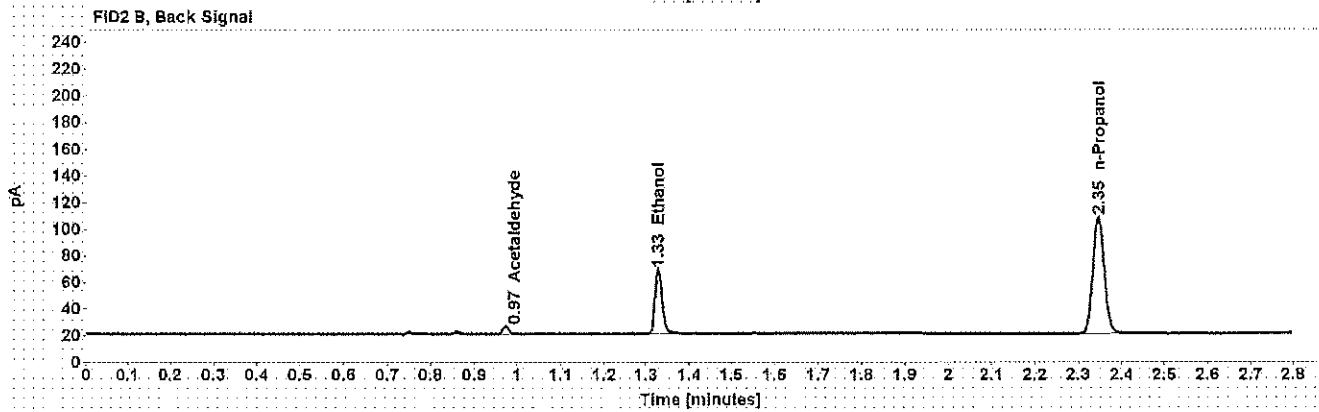
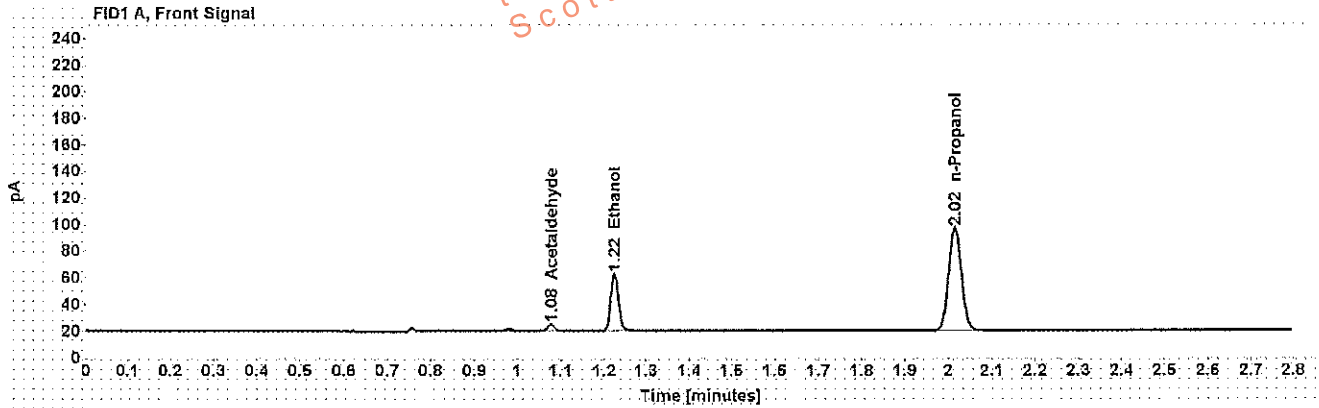


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.144
>Ethanol	0.0926	1.225	54.574
n-Propanol	-----	2.015	157.147

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.427
Ethanol	1.329	56.160
n-Propanol	2.346	162.851

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1138676
Injection date: 3/6/2017 8:45:48 PM	Vial: 76
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023 CN14160045	Analyst: Adrian
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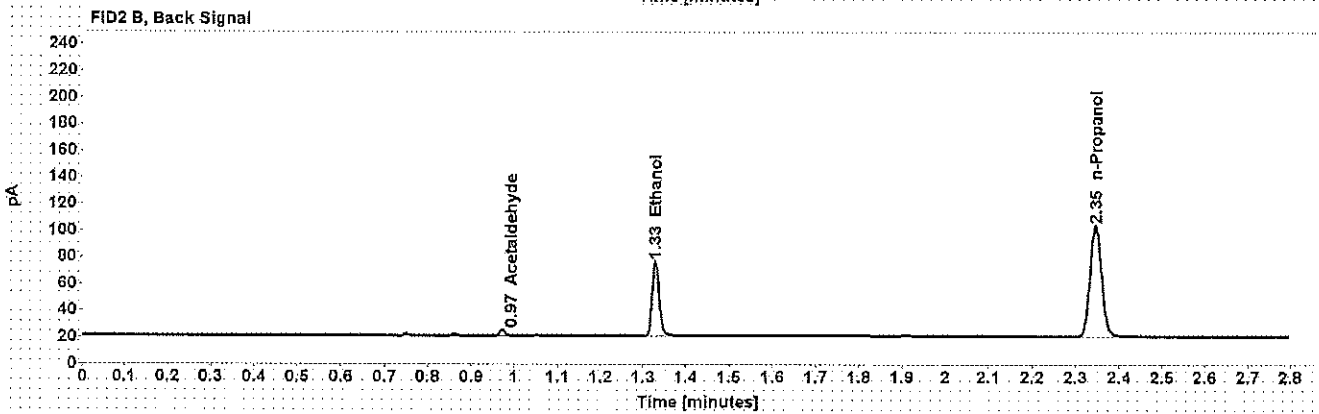
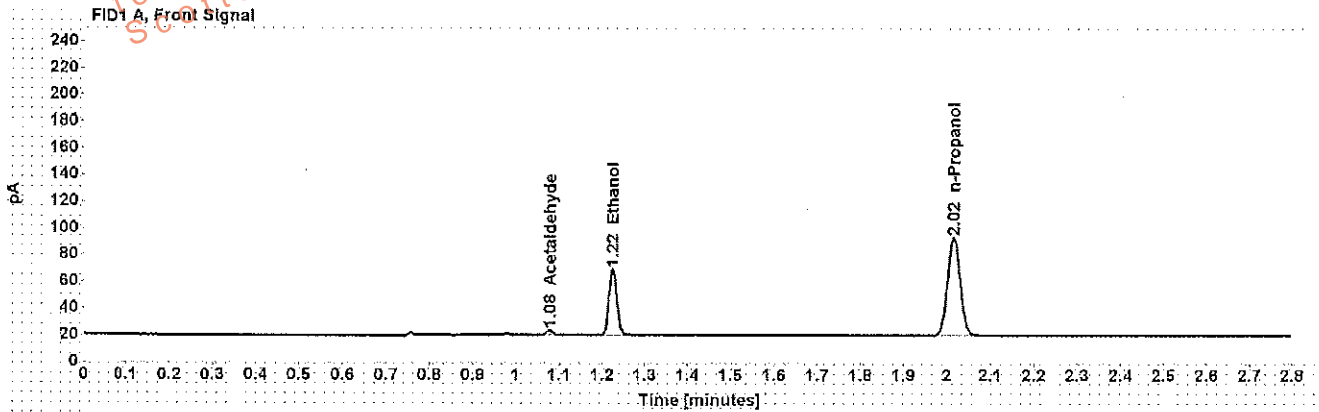


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.780
>Ethanol	0.1117	1.225	62.895
n-Propanol	-----	2.015	149.610

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.035
Ethanol	1.328	64.749
n-Propanol	2.346	154.689

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1138676
Injection date: 3/6/2017 8:49:48 PM	Vial: 77
Method: ethanol quant.M	Sequence: 6Mar17
Instrument: US14173023.CN14160045	Analyst: Adrian
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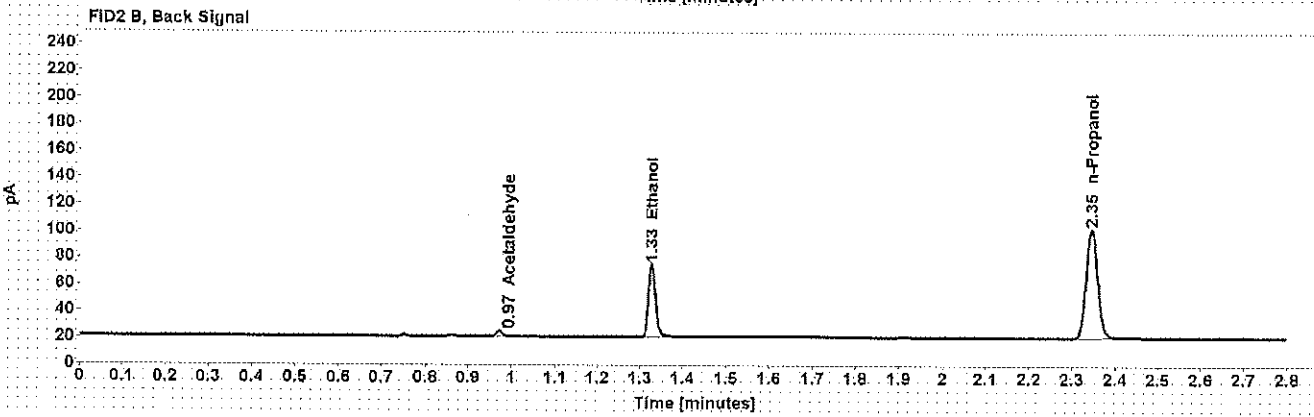
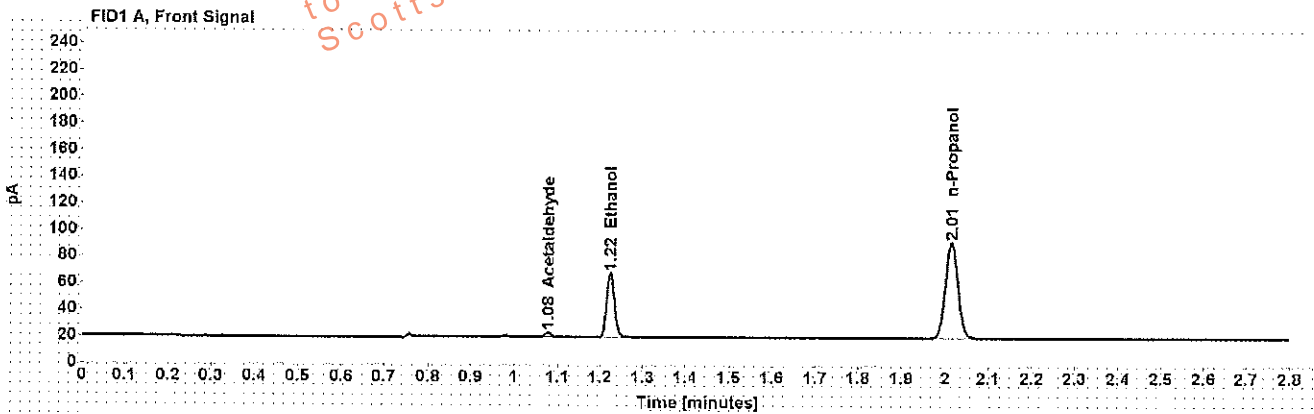


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.773
>Ethanol	0.1112	1.224	61.687
n-Propanol	-----	2.015	147.410

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.040
Ethanol	1.328	63.683
n-Propanol	2.345	152.284