

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 11/28/2017 SEQUENCE NAME 28Nov17

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03241604 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN06181501 0.99997
 Vial 3 0.20 calibrator Lot FN07201502
 Vial 4 0.40 calibrator Lot FN11191402

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 090517
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 020917WLA
7	Aqueous control	0.400 g/dL	0.397 g/dL	Lipomed 08012015-C
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
9	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/3
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.154 g/dL	Lipomed 09022015-C
42	Blood control	0.198 g/dL	0.198 g/dL	ACQ 407041529/3
51	Aqueous control	0.400 g/dL	0.407 g/dL	Lipomed 08012015-C
52	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 09022015-A
53	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/3
54	Blank	Not detected	Not detected	SPD lab 090517

SUBJECT SAMPLES

Subjects in the sequence 19 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid
 Run invalid

NA B1570 11/29/17
 Analyst

Run valid
 Run invalid

KOSECKI 11/29/17
 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

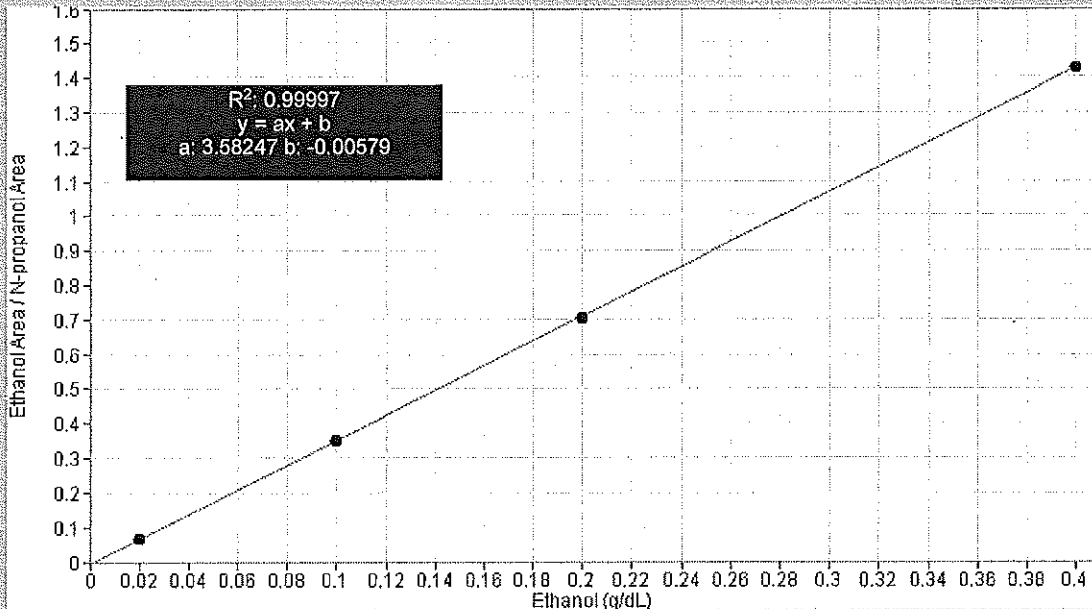
SEQUENCE NAME: 28Nov17

ANALYST: Adrian WA

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 090517	5	negative	negative	-	-
0.400 Lipomed 08012015-C	7	0.397	0.400	0.75	-0.003
0.040 Lipomed 09022015-A	8	0.040	0.040	0.00	0.000
0.198 ACQ 407041529/3	9	0.201	0.198	1.52	0.003
0.080 Lipomed 28082014-B	20	0.081	0.080	1.25	0.001
0.150 Lipomed 09022015-C	31	0.154	0.150	2.67	0.004
0.198 ACQ 407041529/3	42	0.198	0.198	0.00	0.000
0.40 Lipomed 08012015-C	51	0.407	0.400	1.75	0.007
0.04 Lipomed 09022015-A	52	0.041	0.040	2.50	0.001
0.198 ACQ 407041529/3	53	0.201	0.198	1.52	0.003
blank 090517	54	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.572	183.615	0.069
0.100	64.259	182.365	0.352
0.200	128.154	181.550	0.706
0.400	260.733	182.395	1.430

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

W.A

Sample: 0.020 Cerilliant FN03241604	Item number:
Injection date: 11/28/2017 11:31:30 AM	Vial: 1
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\1.D	

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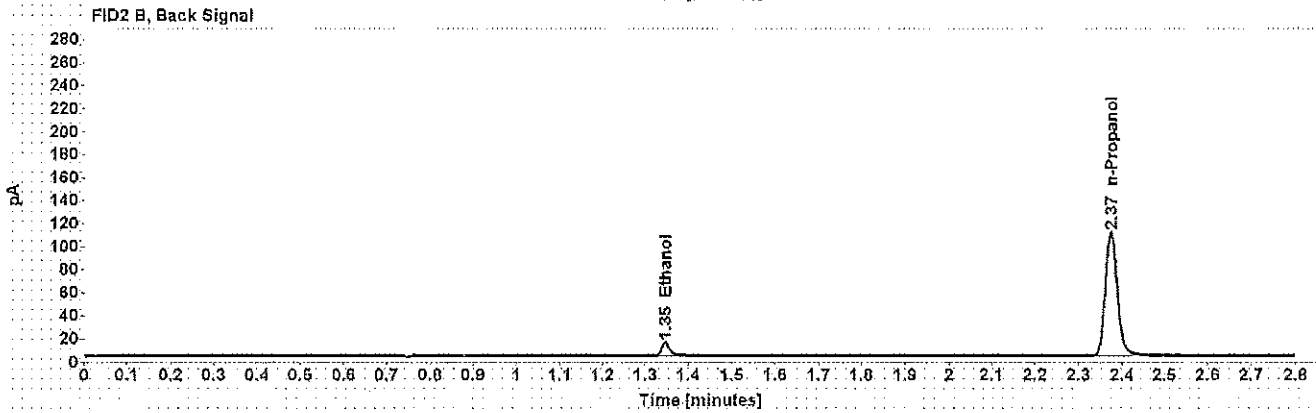
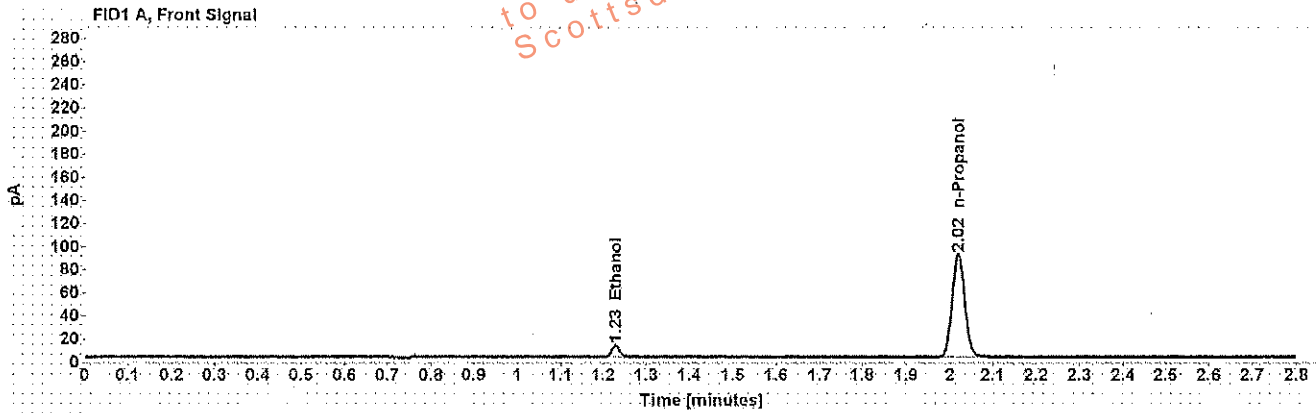


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.229	12.572
n-Propanol	2.020	183.615

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

Compound	Time (min)	Peak Area
Ethanol	1.346	14.325
n-Propanol	2.374	207.155

Scottsdale Police Department Crime Lab Volatiles Analysis

WJA

Sample: 0.100 Cerilliant FN06181501	Item number:
Injection date: 11/28/2017 11:35:30 AM	Vial: 2
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\28Nov17\2.D	

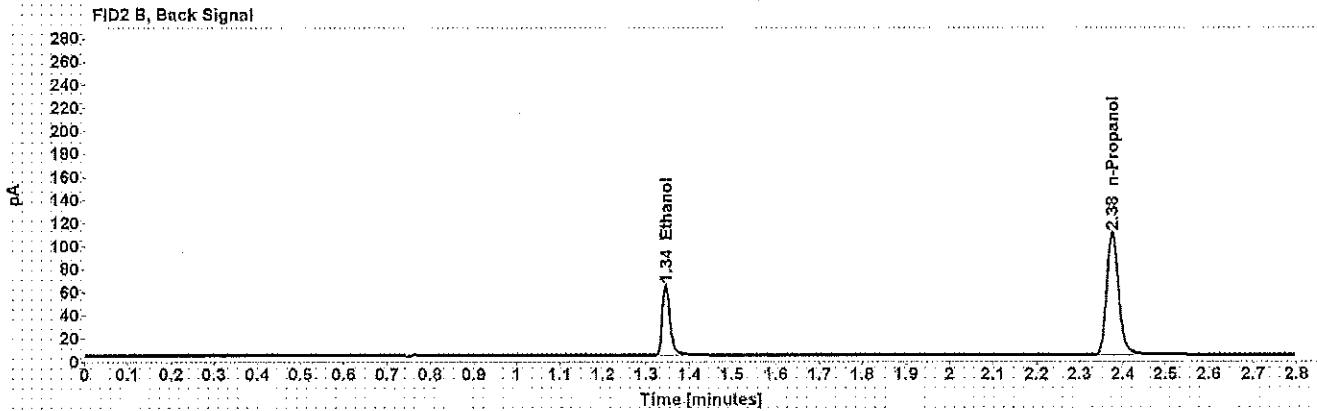
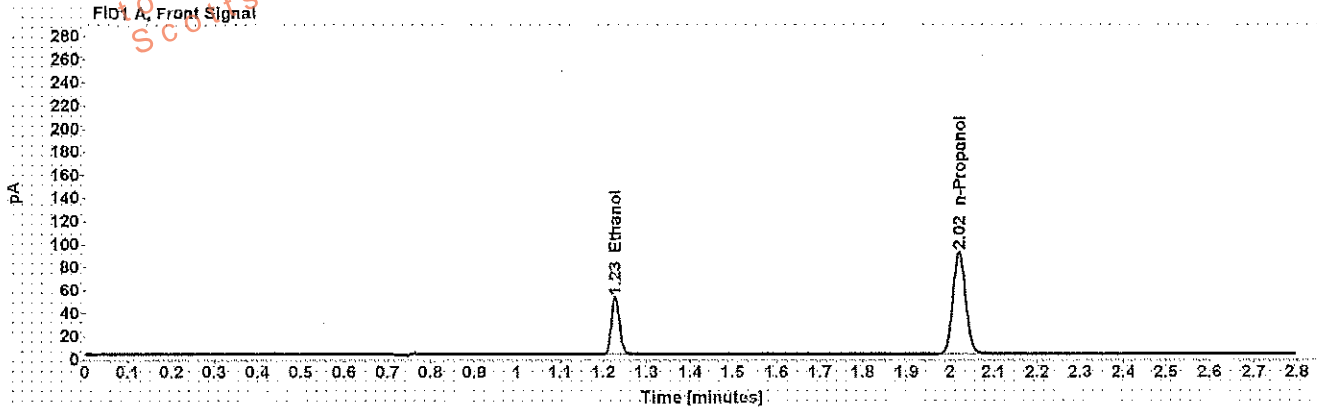


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.228	64.259
n-Propanol	2.020	182.365

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

Compound	Time (min)	Peak Area
Ethanol	1.344	74.978
n-Propanol	2.375	205.723

Scottsdale Police Department Crime Lab Volatiles Analysis

WJA

Sample: 0.200 Cerilliant FN07201502	Item number:
Injection date: 11/28/2017 11:39:30 AM	Vial: 3
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\28Nov17\3.D	

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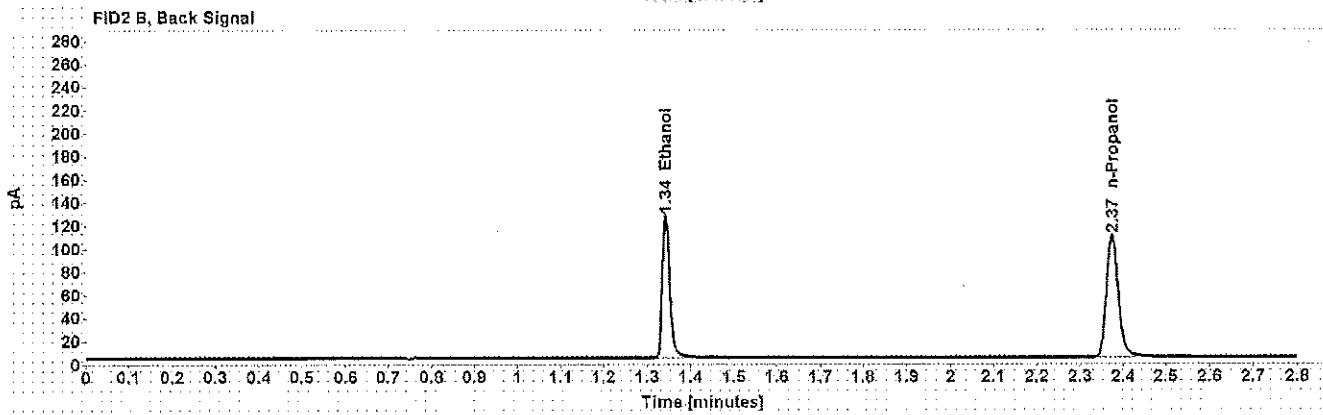
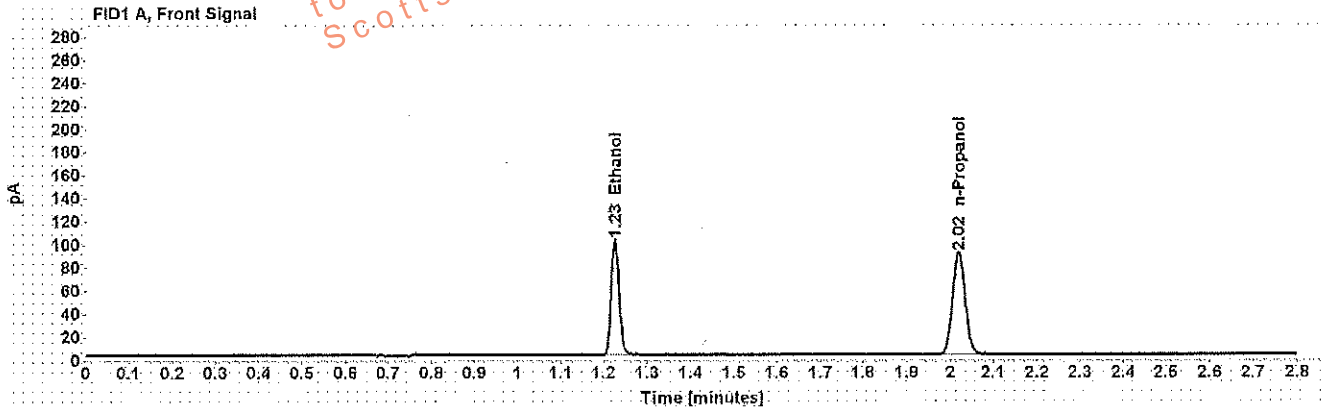


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.227	128.154
n-Propanol	2.019	181.550

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

Compound	Time (min)	Peak Area
Ethanol	1.342	149.907
n-Propanol	2.374	204.896

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.400 Cerilliant FN11191402	Item number:
Injection date: 11/28/2017 11:43:30 AM	Vial: 4
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\4.D	

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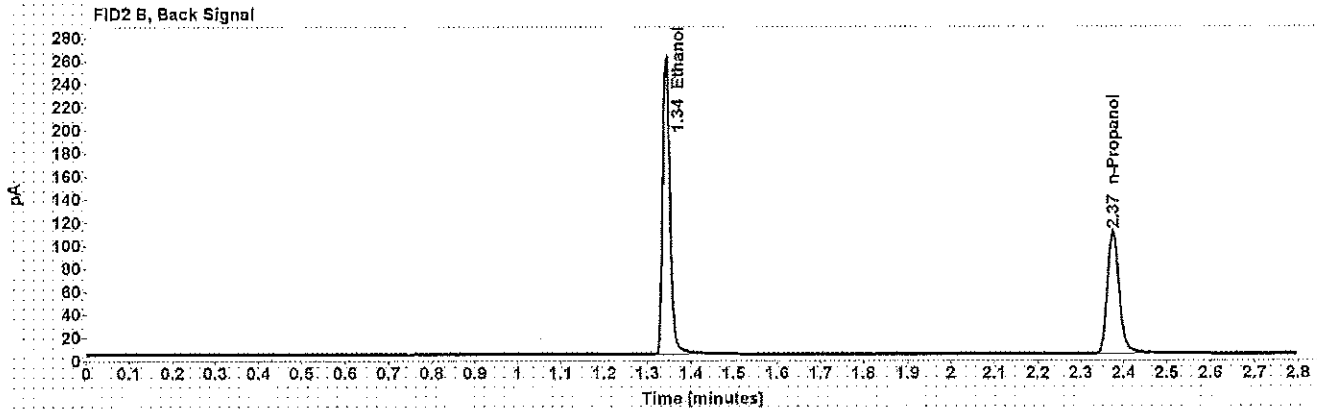
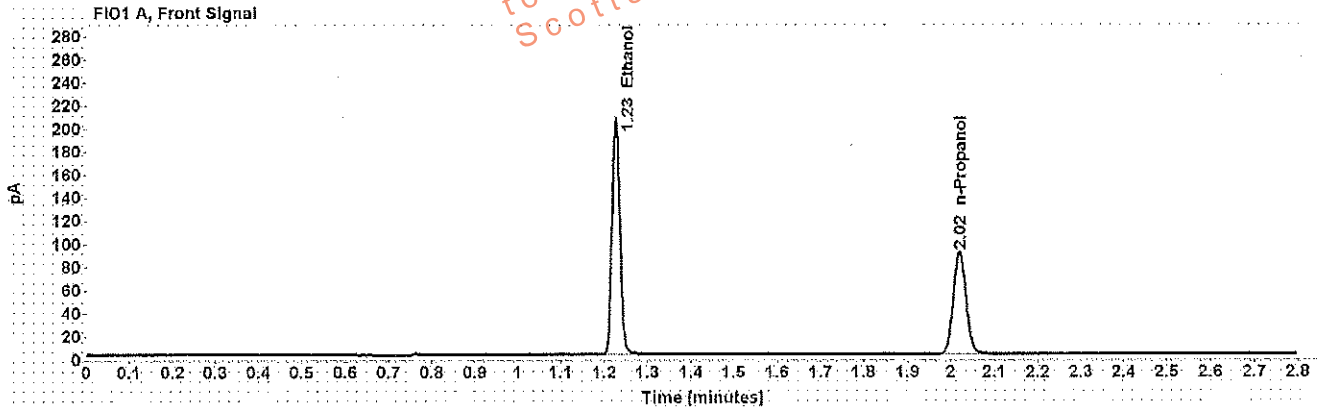


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.227	260.733
n-Propanol	2.020	182.395

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

Compound	Time (min)	Peak Area
Ethanol	1.343	307.871
n-Propanol	2.375	206.015

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: blank 090517	Item number:
Injection date: 11/28/2017 01:47:31 AM	Vial: 5
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\5.D	

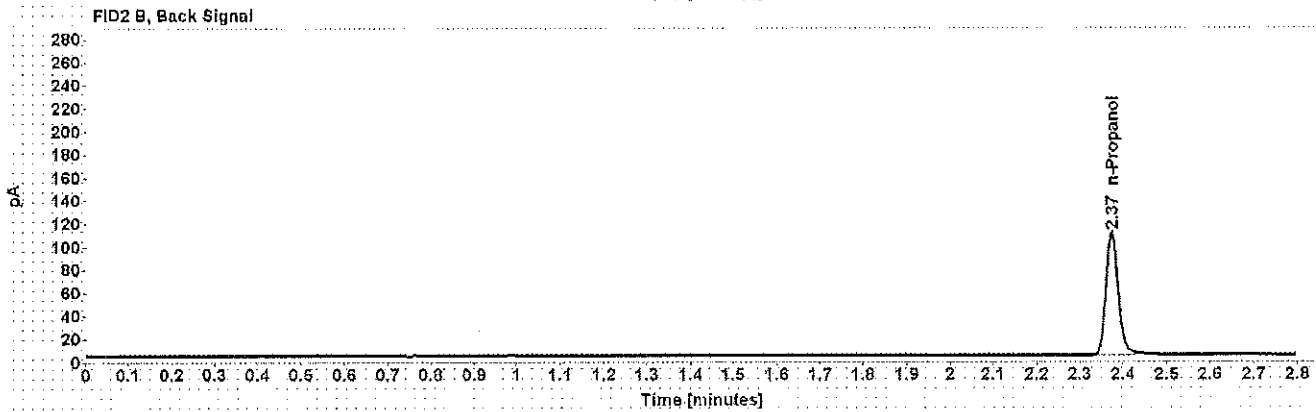
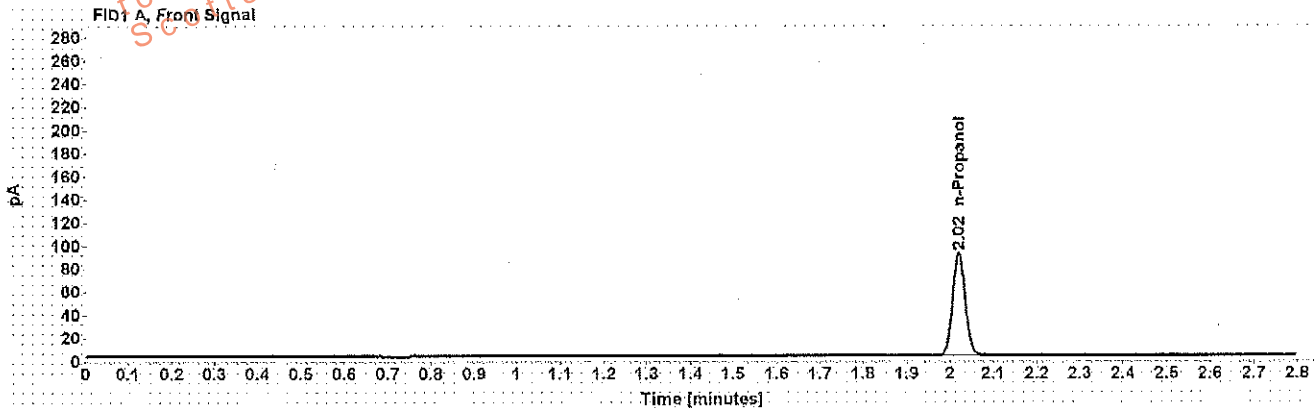


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.020	182.973

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

Compound	Time (min)	Peak Area
n-Propanol	2.375	206.201

Scottsdale Police Department Crime Lab Volatiles Analysis

w4

Sample: volatiles mix 020917 WLA	Item number:
Injection date: 11/28/2017 11:51:30 AM	Vial: 6
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\28Nov17\6.D	

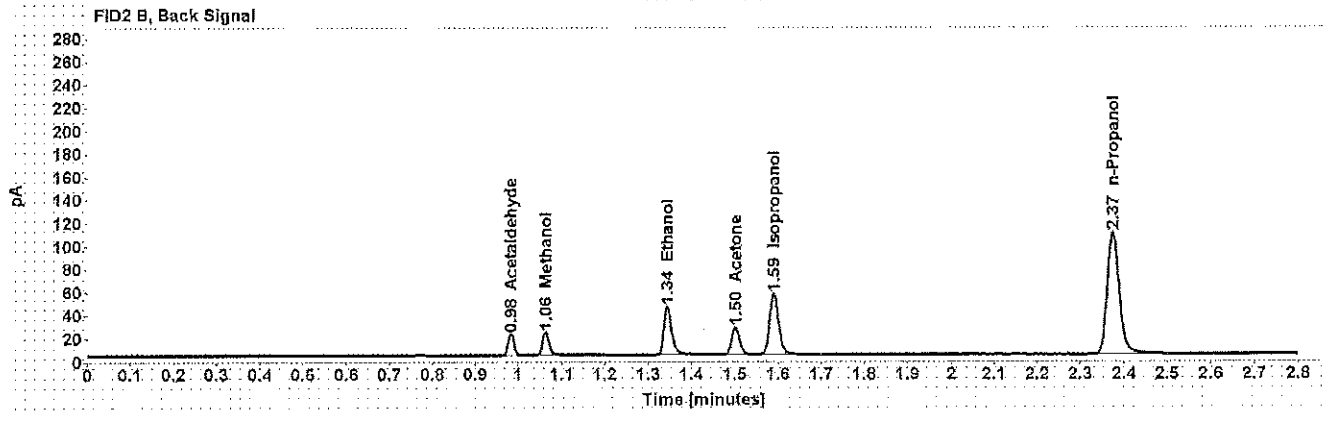
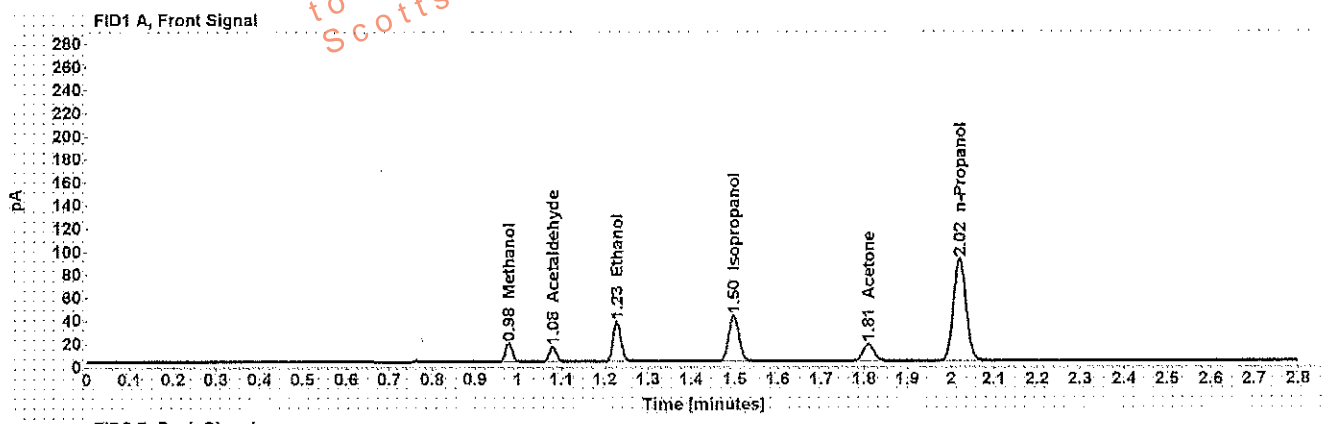


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.979	18.152
Acetaldehyde	-----	1.080	14.182
>Ethanol	0.0708	1.228	45.070
Isopropanol	-----	1.497	65.217
Acetone	-----	1.809	26.382
n-Propanol	-----	2.020	181.934

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	17.288
Methanol	1.064	21.162
Ethanol	1.344	51.872
Acetone	1.501	29.704
Isopropanol	1.590	77.193
n-Propanol	2.375	205.419

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.400 Lipomed 08012015-C	Item number:
Injection date: 11/28/2017 11:55:45 AM	Vial: 7
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\7.D	

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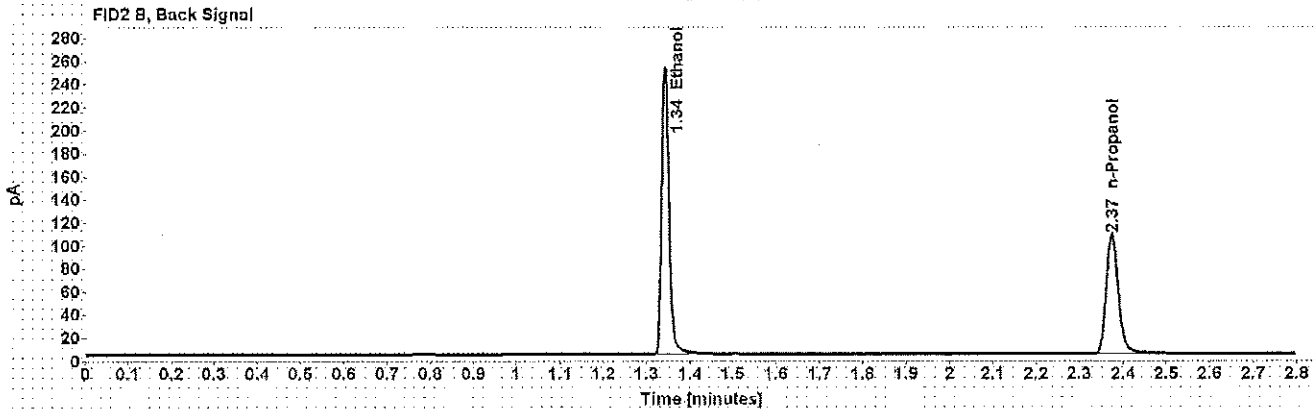
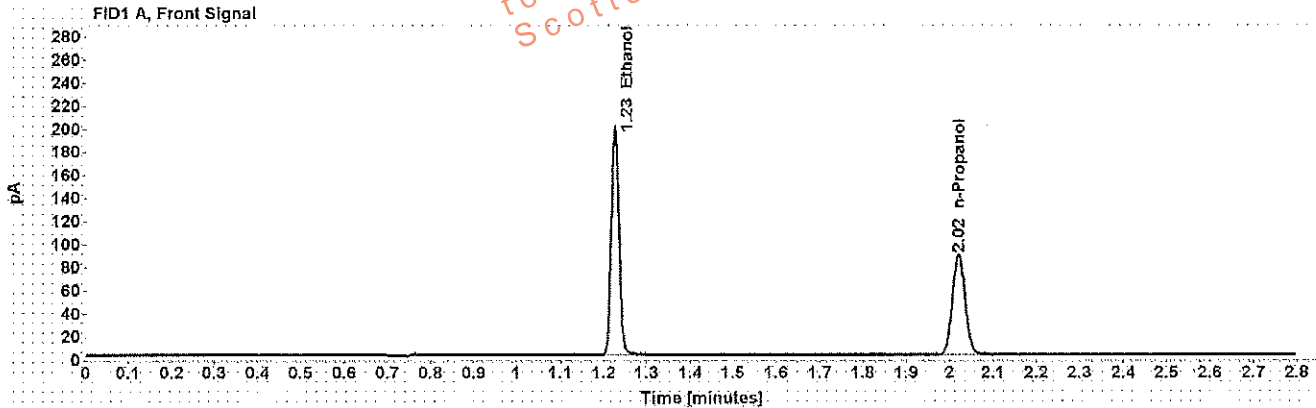


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3979	1.227	252.800
n-Propanol	-----	2.020	178.059

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

Compound	Time (min)	Peak Area
Ethanol	1.342	298.840
n-Propanol	2.375	201.093

Scottsdale Police Department Crime Lab Volatiles Analysis

w4

Sample: 0.040 Lipomed 09Q22015-A	Item number:
Injection date: 11/28/2017 11:59:45 AM	Vial: 8
Method: ethanol quant M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
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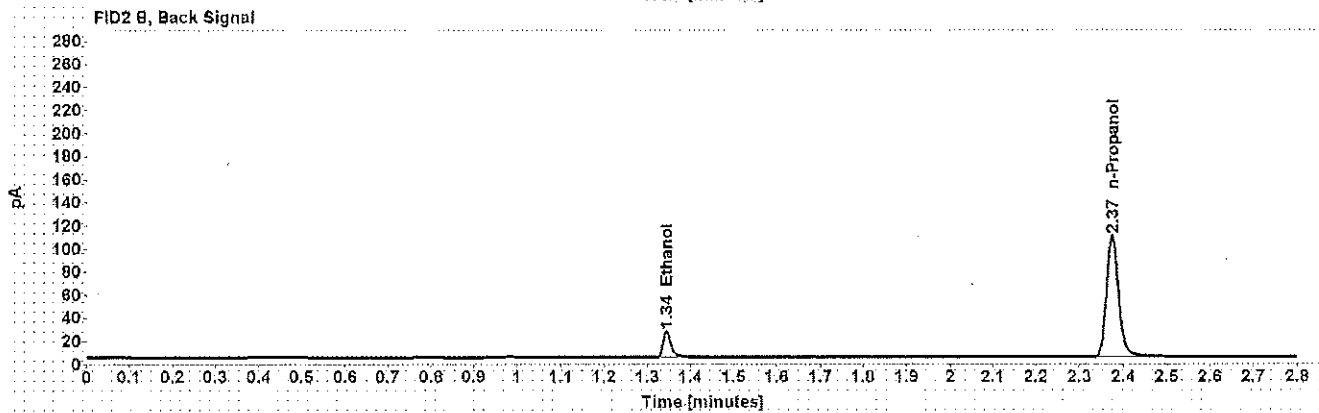
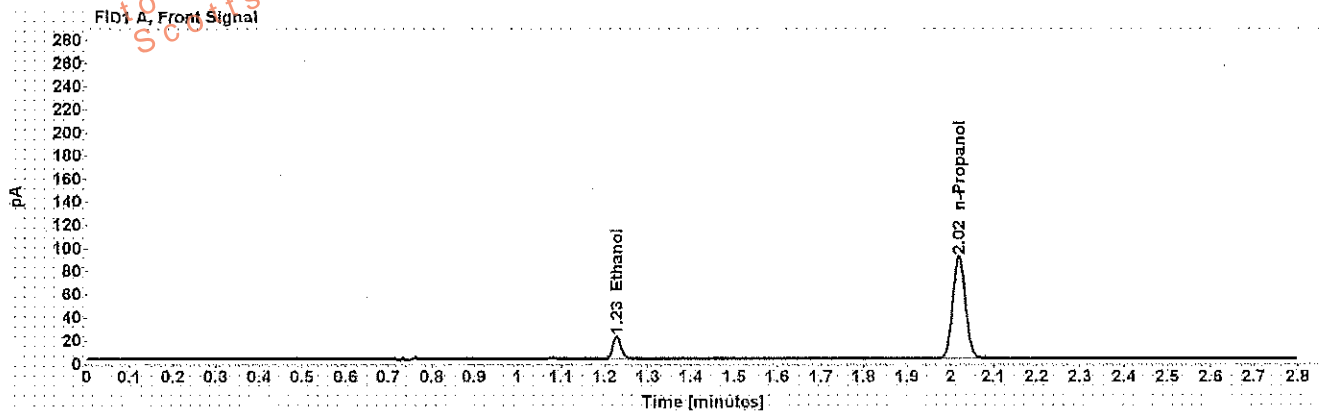


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0400	1.228	24.942
n-Propanol	-----	2.020	181.462

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

Compound	Time (min)	Peak Area
Ethanol	1.345	28.461
n-Propanol	2.374	204.151

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 11/28/2017 12:03:45 PM	Vial: 9
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\28Nov17\9.D	

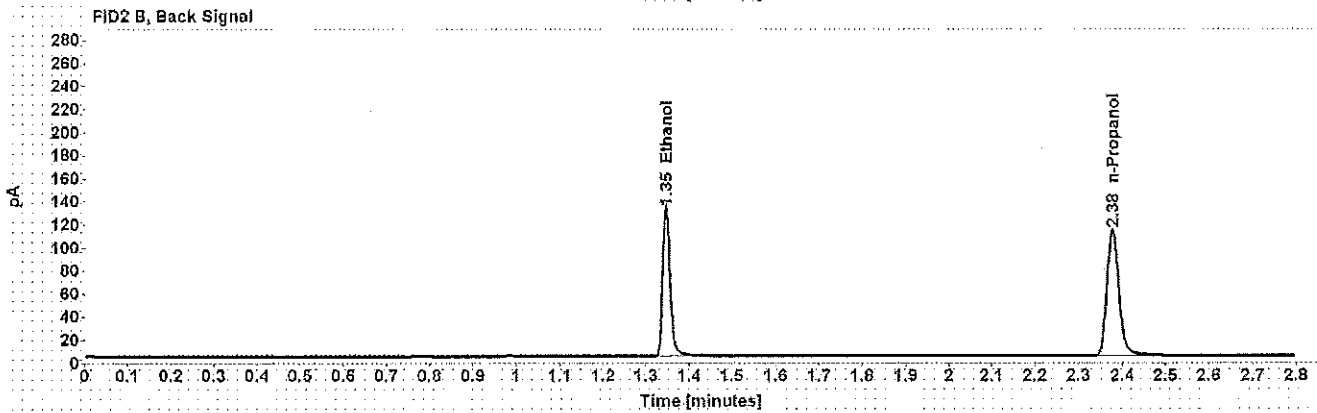
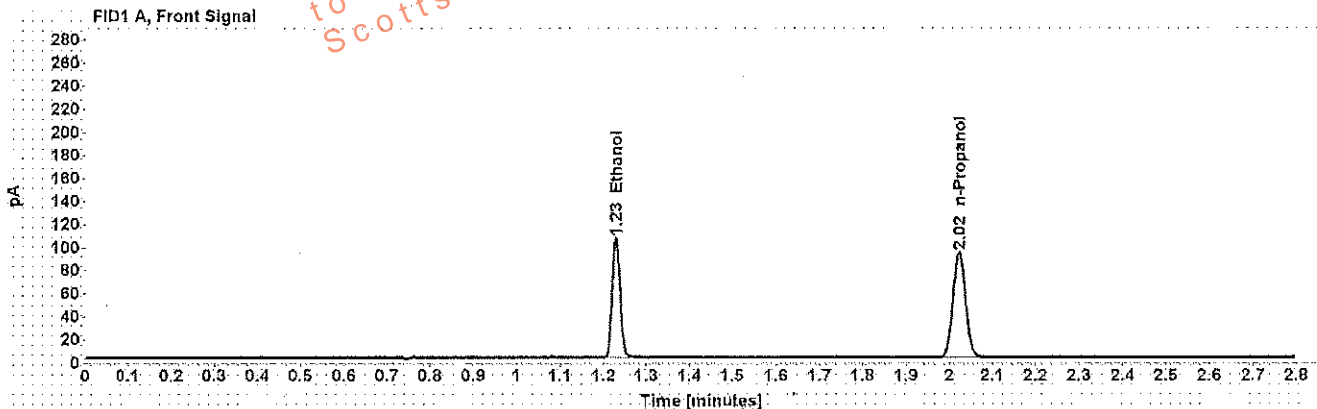


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2012	1.229	134.186
n-Propanol	-----	2.022	187.708

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

Compound	Time (min)	Peak Area
Ethanol	1.346	157.232
n-Propanol	2.378	211.978

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: 0.080 Lipomed 28082014-B	Item number: LMA
Injection date: 11/28/2017 12:48:15 PM	Vial: 20
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\20.D	

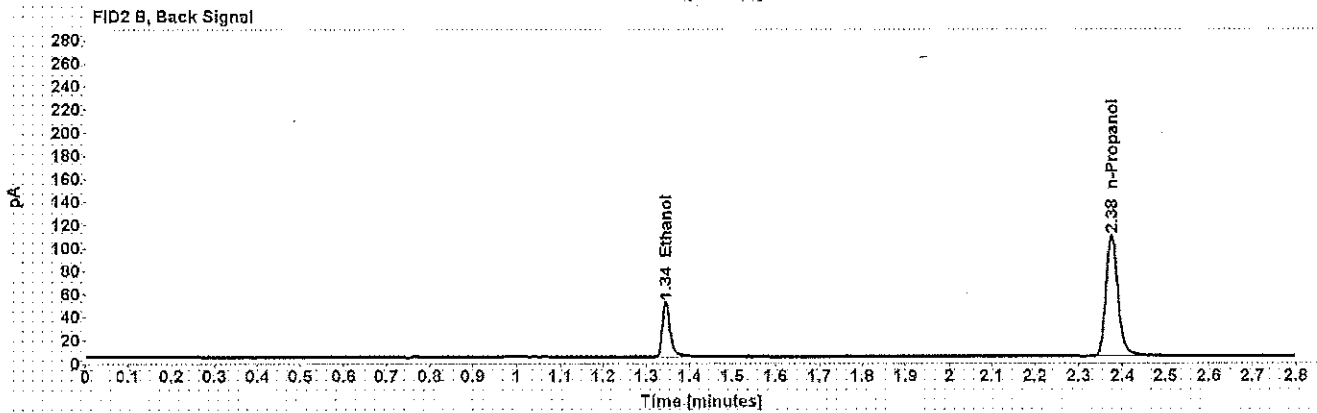
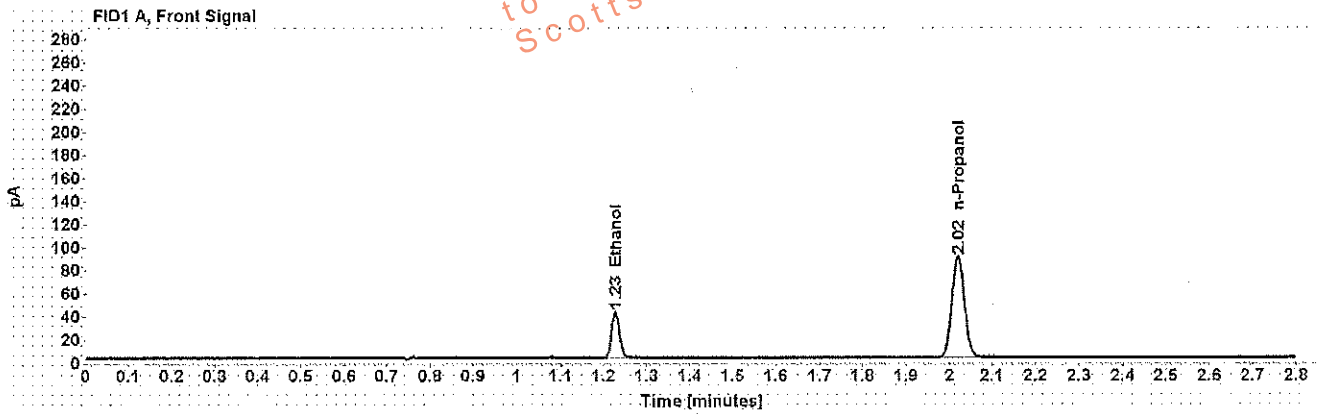


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0812	1.228	51.353
n-Propanol	-----	2.020	180.151

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

Compound	Time (min)	Peak Area
Ethanol	1.345	59.590
n-Propanol	2.375	203.072

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.150 Lipomed 09Q22015-C	Item number:
Injection date: 11/28/2017 1:32:45 PM	Vial: 31
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\31.D	

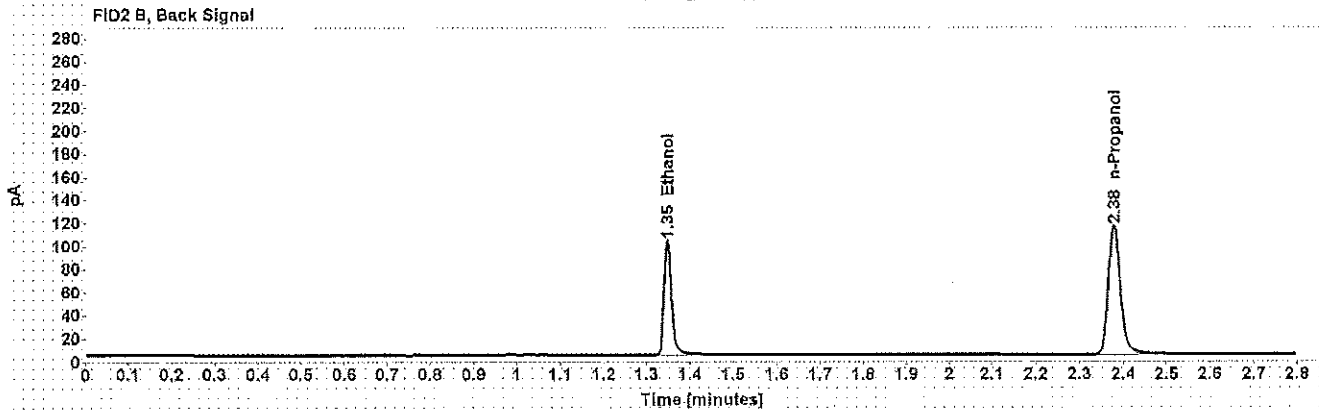
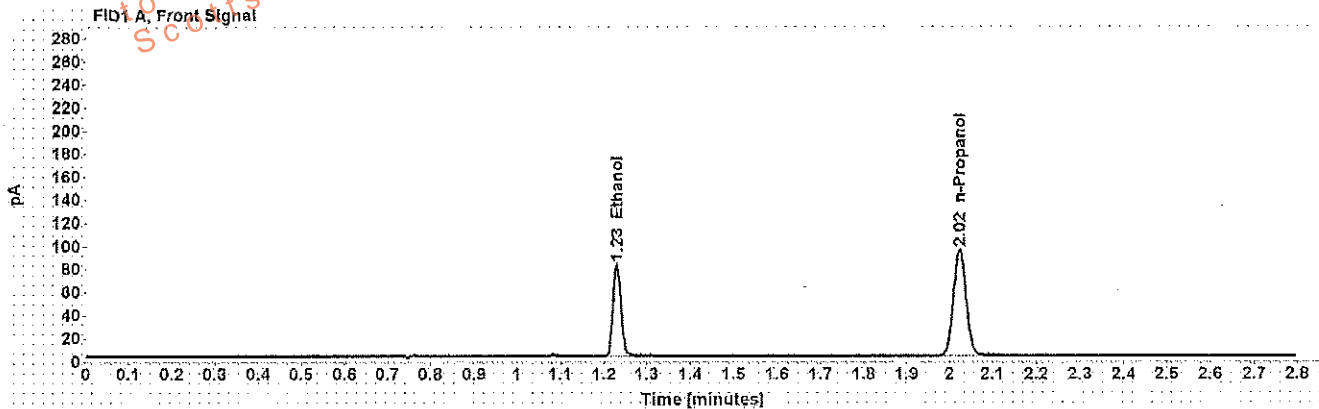


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1543	1.230	104.173
n-Propanol	-----	2.023	190.472

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

Compound	Time (min)	Peak Area
Ethanol	1.348	121.926
n-Propanol	2.379	216.230

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.198 ACQ 407041529/3	Item number: u4
Injection date: 11/28/2017 2:17:00 PM	Vial: 42
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
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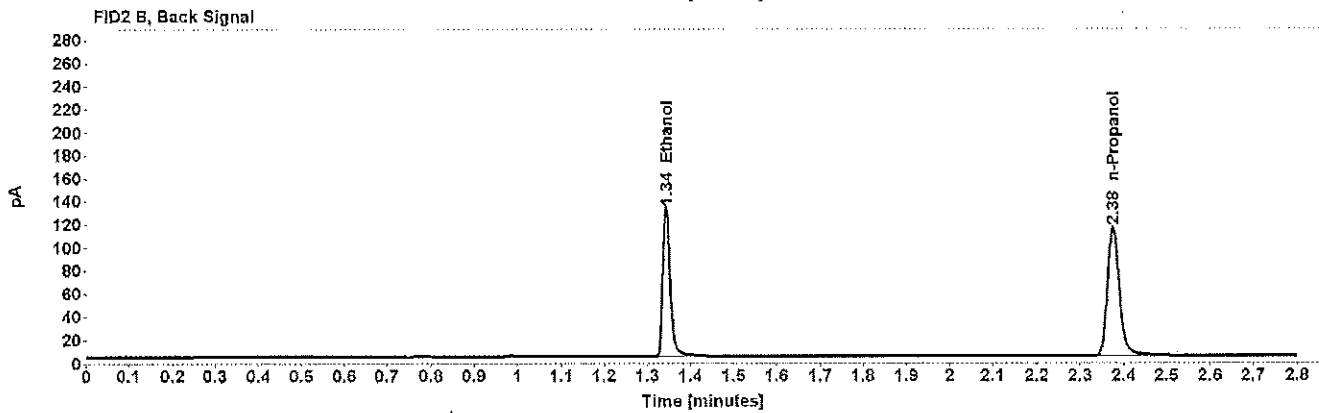
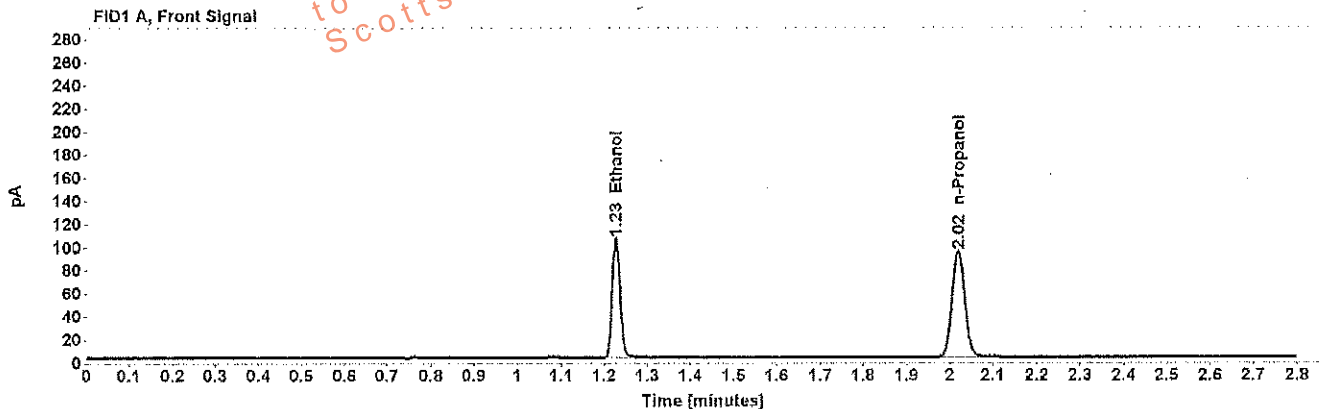


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1988	1.227	133.326
n-Propanol	-----	2.020	188.778

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

Compound	Time (min)	Peak Area
Ethanol	1.344	156.936
n-Propanol	2.375	214.866

Scottsdale Police Department Crime Lab Volatiles Analysis

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LWA

Sample: 0.40 Lipomed 08012015-C	Item number:
Injection date: 11/28/2017 2:53:30 PM	Vial: 51
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
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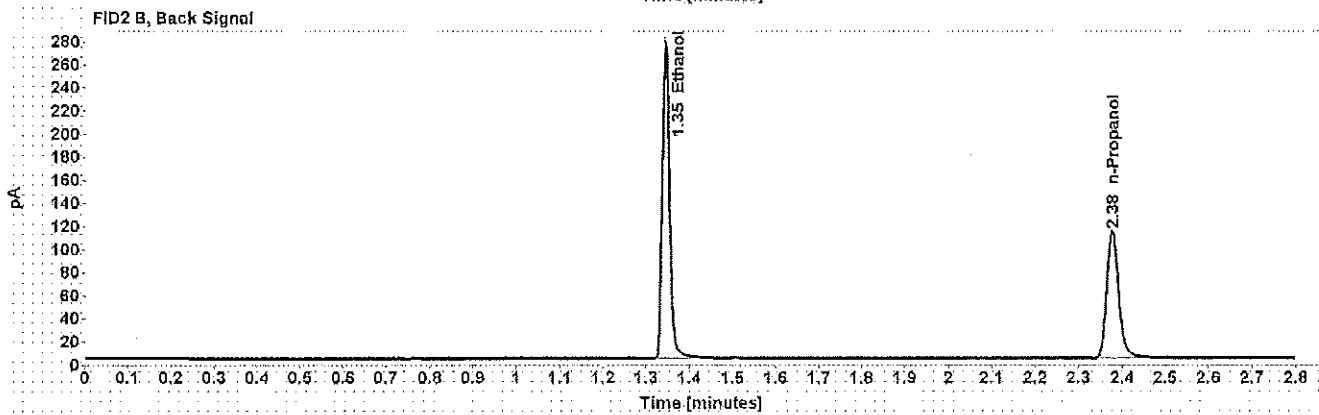
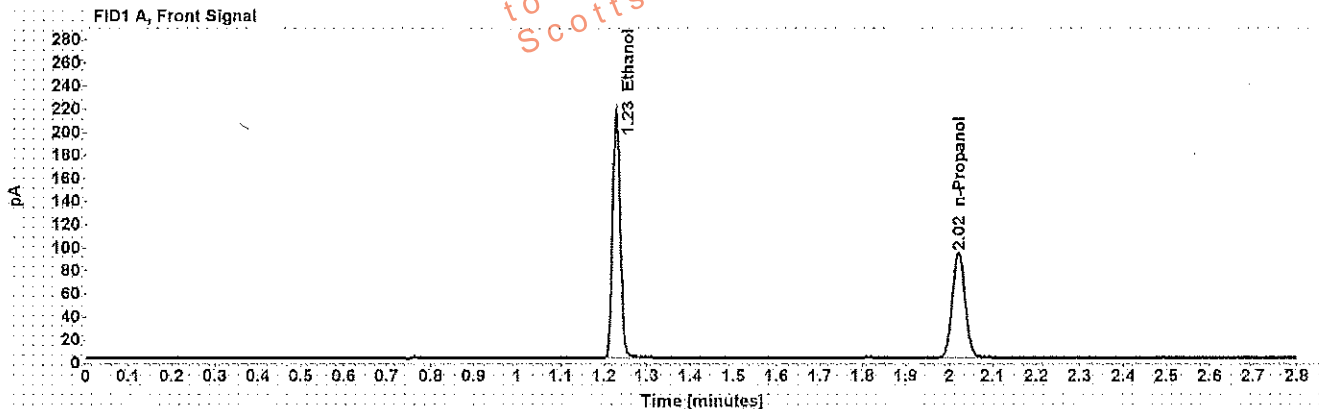


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4073	1.228	272.619
n-Propanol	-----	2.021	187.558

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

Compound	Time (min)	Peak Area
Ethanol	1.345	324.514
n-Propanol	2.377	214.600

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.04 Lipomed 09022015-A	Item number: WMA
Injection date: 11/28/2017 2:57:30 PM	Vial: 52
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
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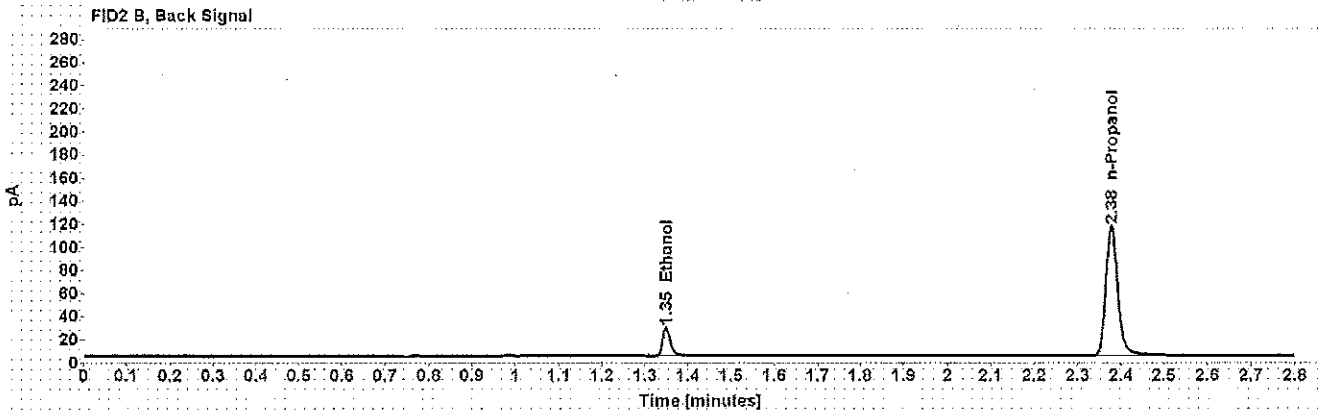
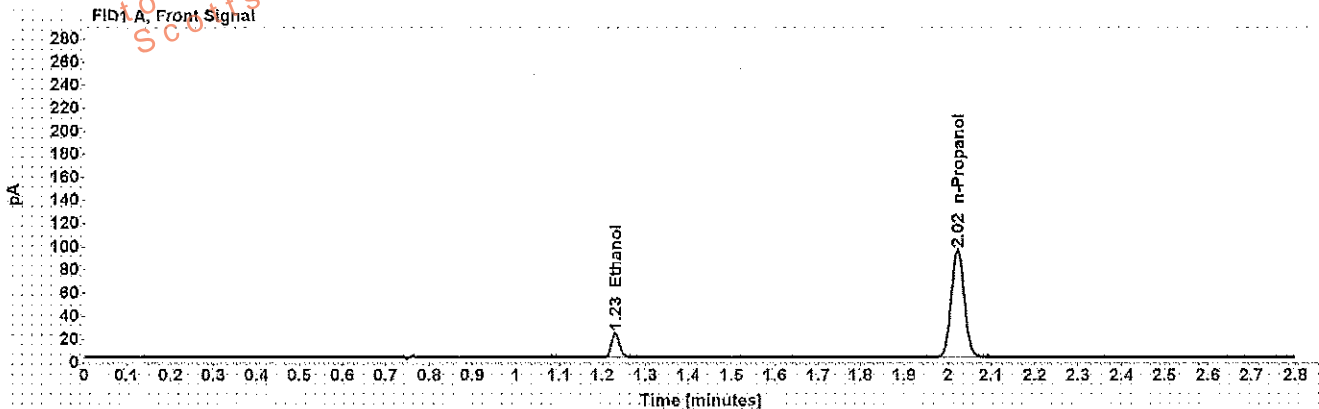


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0414	1.231	27.212
n-Propanol	-----	2.022	190.764

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

Compound	Time (min)	Peak Area
Ethanol	1.349	31.427
n-Propanol	2.378	217.684

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 11/28/2017 3:01:31 PM	Vial: 53
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\28Nov17\53.D	

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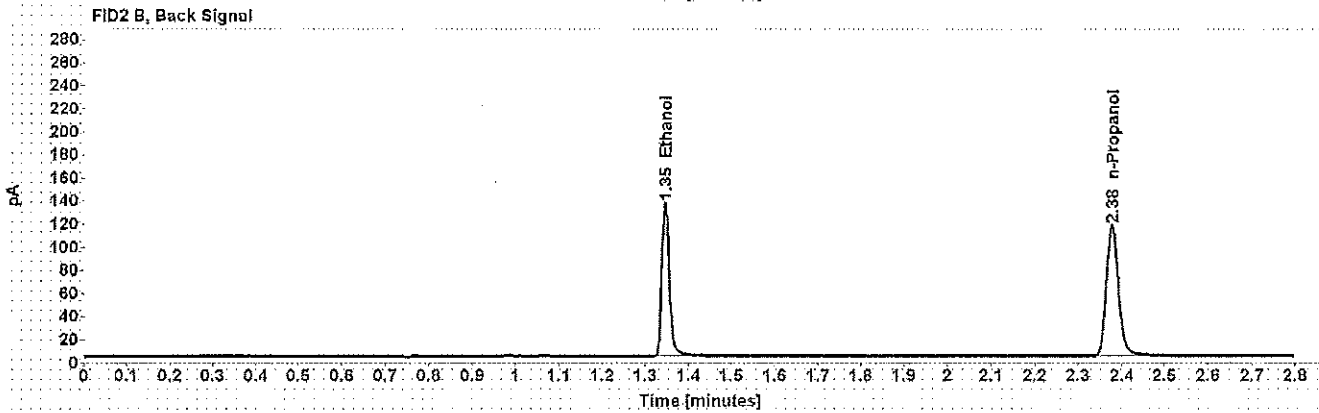
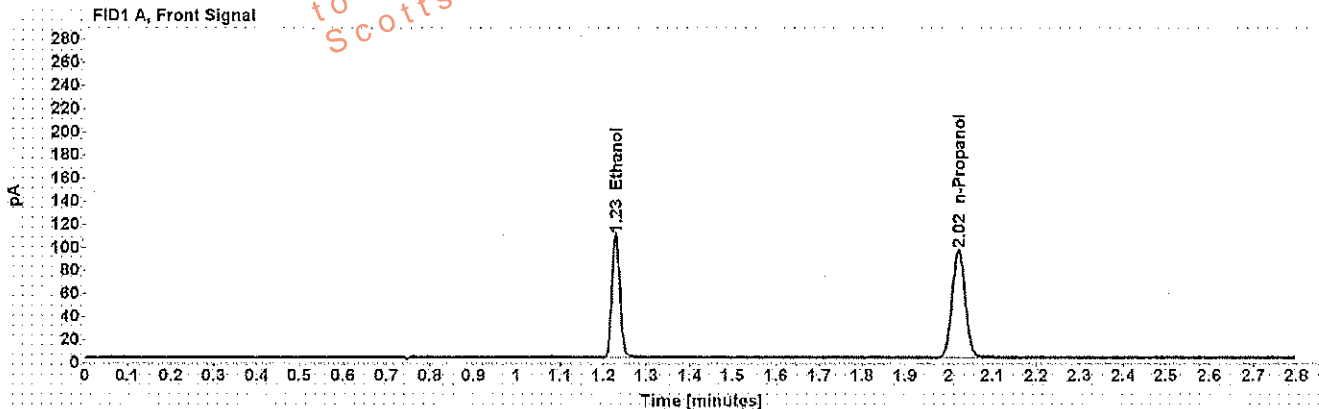


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2019	1.229	137.974
n-Propanol	-----	2.022	192.305

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

Compound	Time (min)	Peak Area
Ethanol	1.346	162.424
n-Propanol	2.377	219.315

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 090517	Item number: W4
Injection date: 11/28/2017 3:05:30 PM	Vial: 54
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\54.D	

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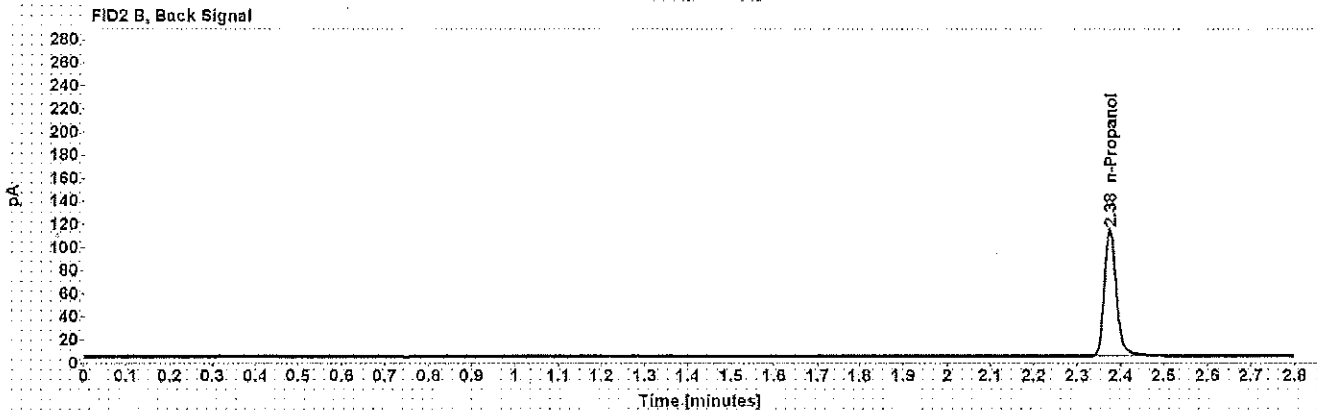
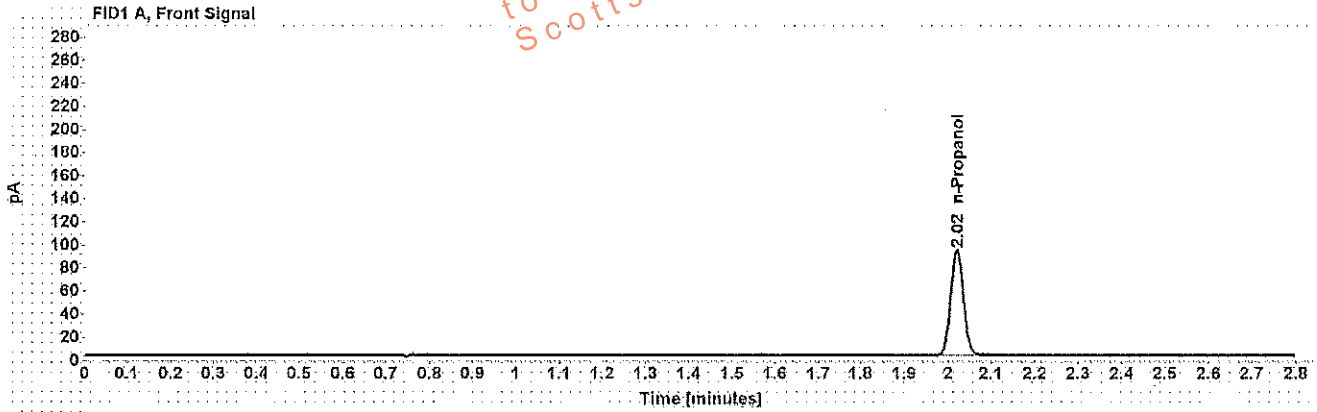


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.020	187.689

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

Compound	Time (min)	Peak Area
n-Propanol	2.376	213.758

Sequence Summary

WNA

Sequence name: 28Nov17 Instrument: US14173023 CN14160045 Analyst: Adrian

Vial	Sample	Type	Item Number	Method
1	0.020 Cerilliant FN03241604	Calibration		ethanol quant.M
2	0.100 Cerilliant FN06181501	Calibration		ethanol quant.M
3	0.200 Cerilliant FN07201502	Calibration		ethanol quant.M
4	0.400 Cerilliant FN11191402	Calibration		ethanol quant.M
5	blank 090517	Control		ethanol quant.M
6	volatiles mix 020917 WLA	Control		ethanol quant.M
7	0.400 Lipomed 08012015-C	Control		ethanol quant.M
8	0.040 Lipomed 09022015-A	Control		ethanol quant.M
9	0.198 ACQ 407041529/3	Control		ethanol quant.M
10	[REDACTED]	Sample	1172133	ethanol quant.M
11	[REDACTED]	Sample	1172133	ethanol quant.M
12	[REDACTED]	Sample	1172524	ethanol quant.M
13	[REDACTED]	Sample	1172524	ethanol quant.M
14	[REDACTED]	Sample	1174682	ethanol quant.M
15	[REDACTED]	Sample	1174682	ethanol quant.M
16	[REDACTED]	Sample	1182559	ethanol quant.M
17	[REDACTED]	Sample	1182559	ethanol quant.M
18	[REDACTED]	Sample	1182549	ethanol quant.M
19	[REDACTED]	Sample	1182549	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21	[REDACTED]	Sample	1160964	ethanol quant.M
22	[REDACTED]	Sample	1160964	ethanol quant.M
23	[REDACTED]	Sample	1154501	ethanol quant.M
24	[REDACTED]	Sample	1154501	ethanol quant.M
25	[REDACTED]	Sample	327-01A	ethanol quant.M
26	[REDACTED]	Sample	327-01A	ethanol quant.M
27	[REDACTED]	Sample	1182904	ethanol quant.M
28	[REDACTED]	Sample	1182904	ethanol quant.M
29	[REDACTED]	Sample	1158945	ethanol quant.M
30	[REDACTED]	Sample	1158945	ethanol quant.M
31	0.150 Lipomed 09022015-C	Control		ethanol quant.M
32	[REDACTED]	Sample	1182747	ethanol quant.M
33	[REDACTED]	Sample	1182747	ethanol quant.M
34	[REDACTED]	Sample	321-01A	ethanol quant.M
35	[REDACTED]	Sample	321-01A	ethanol quant.M
36	[REDACTED]	Sample	1159425	ethanol quant.M
37	[REDACTED]	Sample	1159425	ethanol quant.M
38	[REDACTED]	Sample	1165575	ethanol quant.M
39	[REDACTED]	Sample	1165575	ethanol quant.M
40	[REDACTED]	Sample	1182579	ethanol quant.M
41	[REDACTED]	Sample	1182579	ethanol quant.M
42	0.198 ACQ 407041529/3	Control		ethanol quant.M
43	[REDACTED]	Sample	1181271	ethanol quant.M
44	[REDACTED]	Sample	1181271	ethanol quant.M
45	[REDACTED]	Sample	1184711	ethanol quant.M
46	[REDACTED]	Sample	1184711	ethanol quant.M
47	[REDACTED]	Sample	1147049	ethanol quant.M

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Sequence Summary

WA

48		Sample	1147049	ethanol quant.M
49		Sample	1159814	ethanol quant.M
50		Sample	1159814	ethanol quant.M
51	0.40 Lipomed 08012015-C	Control		ethanol quant.M
52	0.04 Lipomed 09022015-A	Control		ethanol quant.M
53	0.198 ACQ 407041529/3	Control		ethanol quant.M
54	blank 090517	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 28Nov17

ANALYST: Adrian WA

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0571	0.0570	0.05705	0.09	0.00005
12 13	0.0948	0.0944	0.09460	0.21	0.00020
14 15	0.0000	0.0000	0.00000	0.00	0.00000
16 17	0.1437	0.1449	0.14430	0.42	0.00060
18 19	0.3165	0.3133	0.31490	0.51	0.00160
21 22	0.1413	0.1410	0.14115	0.11	0.00015
23 24	0.1132	0.1121	0.11265	0.49	0.00055
25 26	0.2146	0.2085	0.21155	1.44	0.00305
27 28	0.1790	0.1827	0.18085	1.02	0.00185
29 30	0.1686	0.1684	0.16850	0.06	0.00010
32 33	0.0820	0.0826	0.08230	0.36	0.00030
34 35	0.1650	0.1641	0.16455	0.27	0.00045
36 37	0.1910	0.1917	0.19135	0.18	0.00035
38 39	0.1096	0.1108	0.11020	0.54	0.00060
40 41	0.1313	0.1313	0.13130	0.00	0.00000
43 44	0.3133	0.3157	0.31450	0.38	0.00120
45 46	0.1165	0.1165	0.11650	0.00	0.00000
47 48	0.1305	0.1293	0.12990	0.46	0.00060
49 50	0.1708	0.1716	0.17120	0.23	0.00040

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1172133
Injection date: 11/28/2017 12:07:45 PM	Vial: 10
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\28Nov17\10.D	

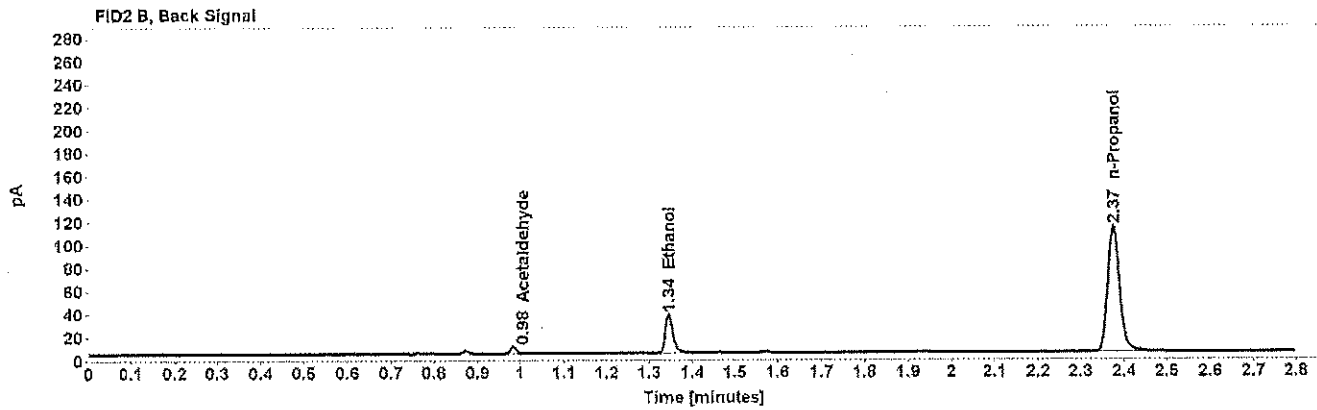
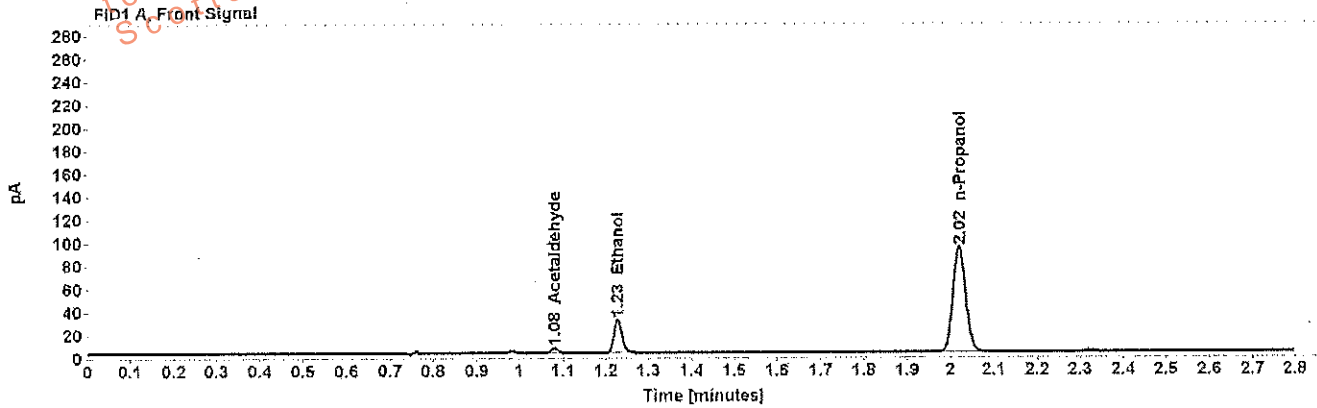


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.432
>Ethanol	0.0571	1.228	37.007
n-Propanol	-----	2.020	186.331

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.455
Ethanol	1.345	43.081
n-Propanol	2.375	211.364

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1172133
Injection date: 11/28/2017 12:11:45 PM	Vial: 11
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\11.D	

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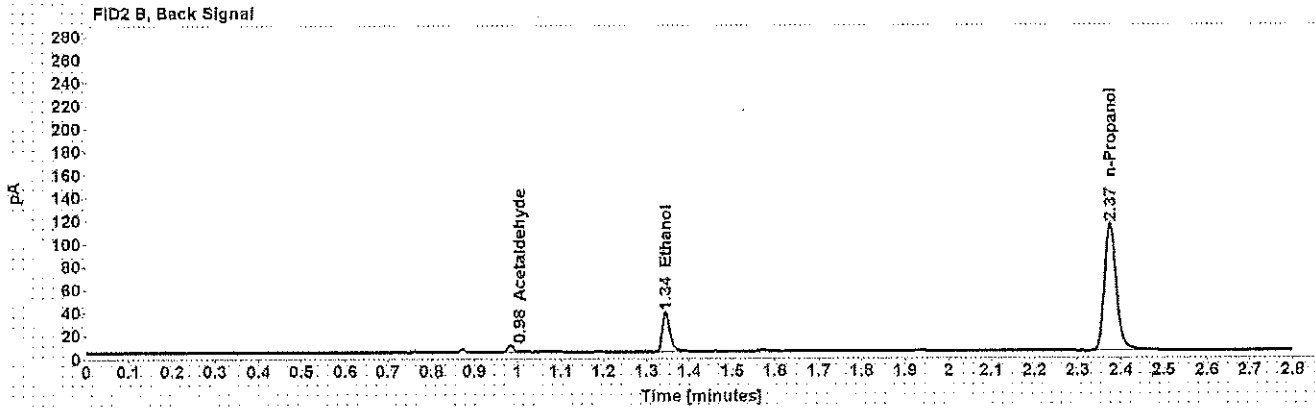
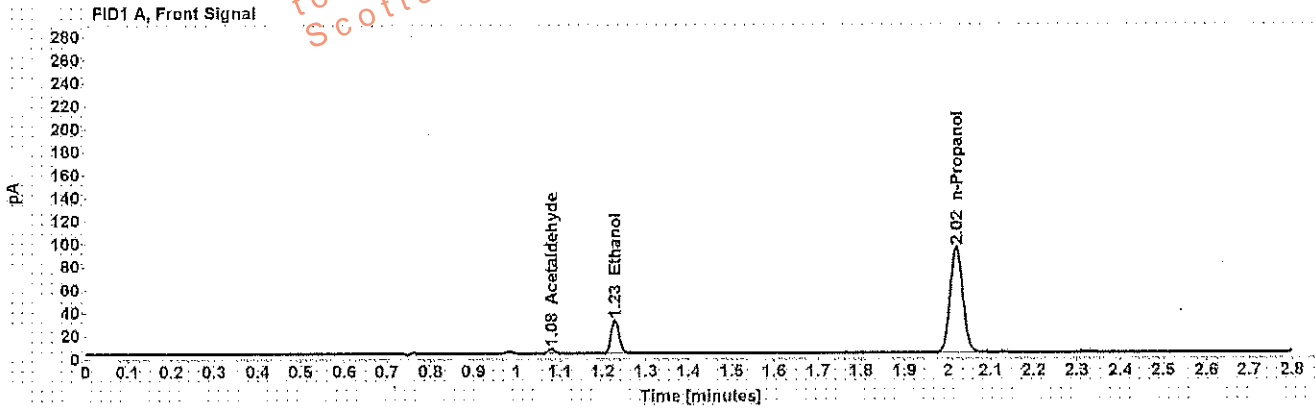


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.474
>Ethanol	0.0570	1.228	37.192
n-Propanol	-----	2.020	187.522

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.503
Ethanol	1.345	43.376
n-Propanol	2.375	212.962

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1172524
Injection date: 11/28/2017 12:15:45 PM	Vial: 12
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\12.D	

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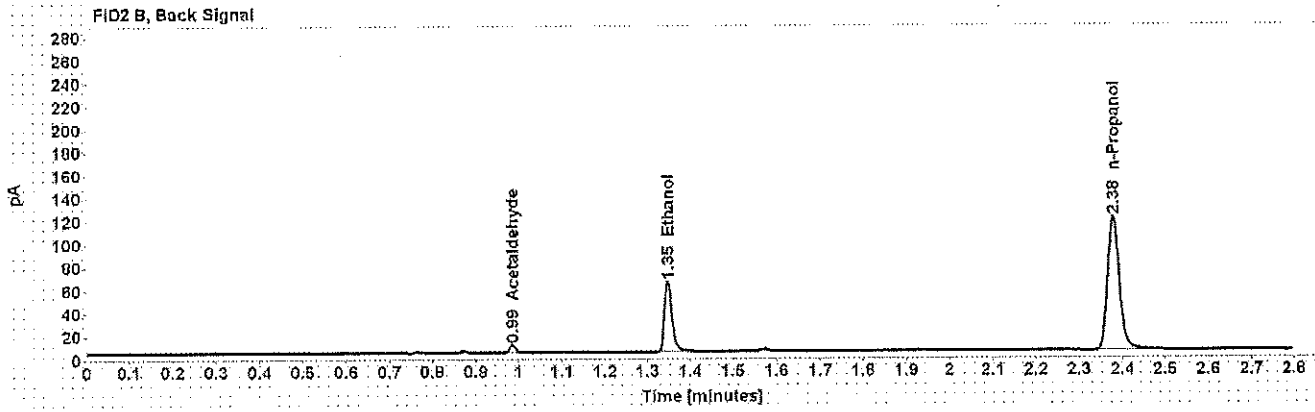
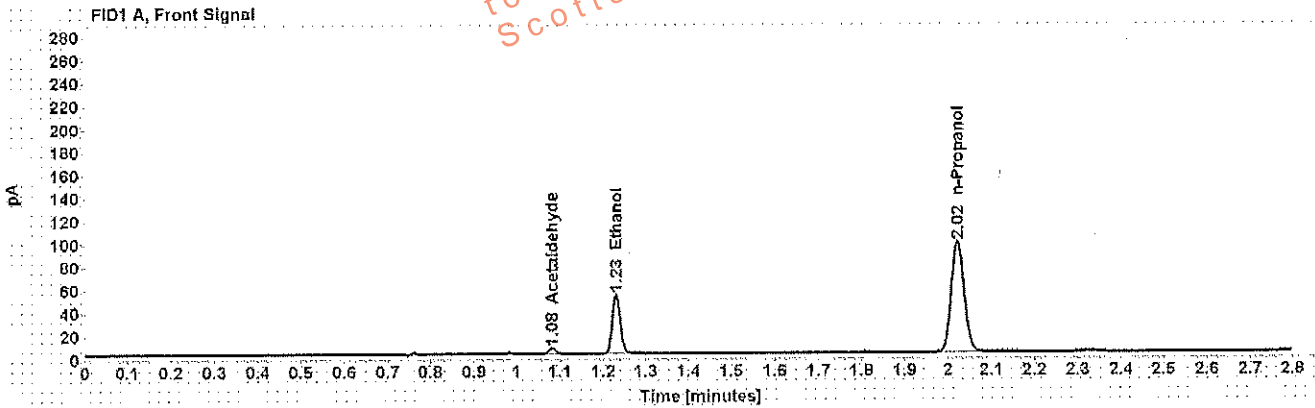


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	4.890
>Ethanol	0.0948	1.230	65.723
n-Propanol	-----	2.022	196.795

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	5.946
Ethanol	1.347	75.396
n-Propanol	2.378	223.561

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1172524
Injection date: 11/28/2017 12:20:00 PM	Vial: 13
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\28Nov17\13.D	

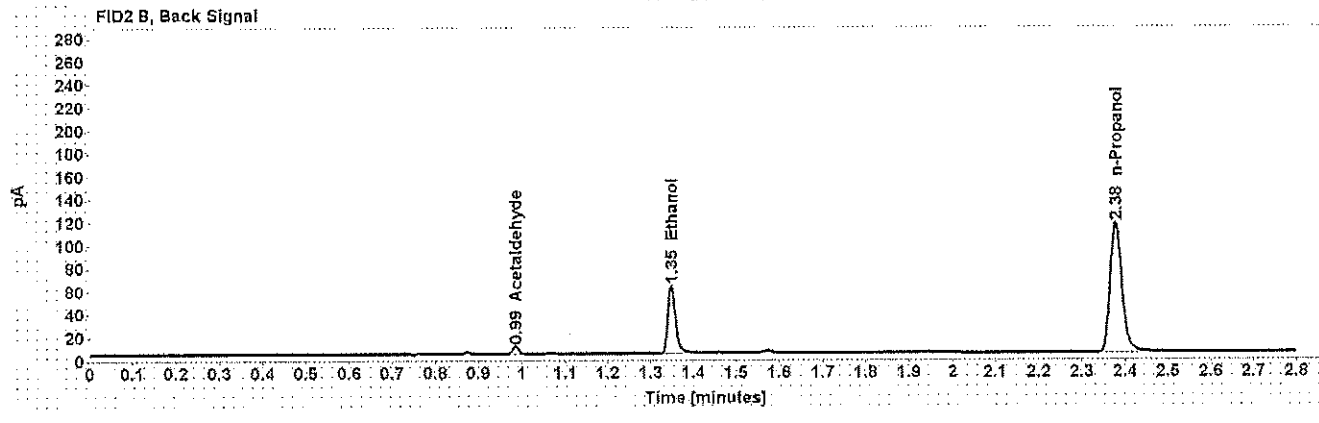
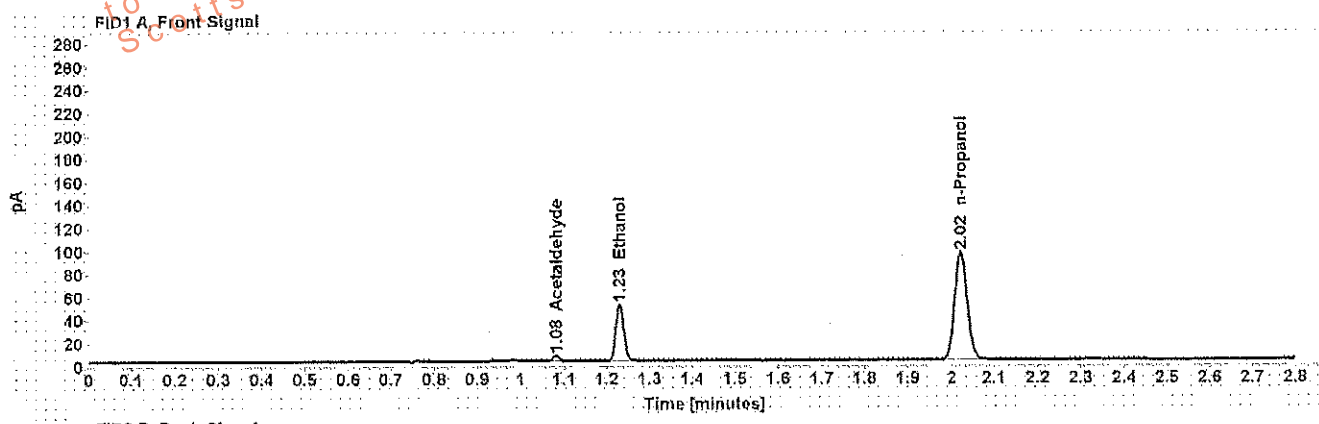


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	4.845
>Ethanol	0.0944	1.230	63.720
n-Propanol	-----	2.022	191.642

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	5.890
Ethanol	1.348	72.963
n-Propanol	2.378	217.604

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1174682
Injection date: 11/28/2017 12:24:00 PM	Vial: 14
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173028 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\28Nov17\14.D	

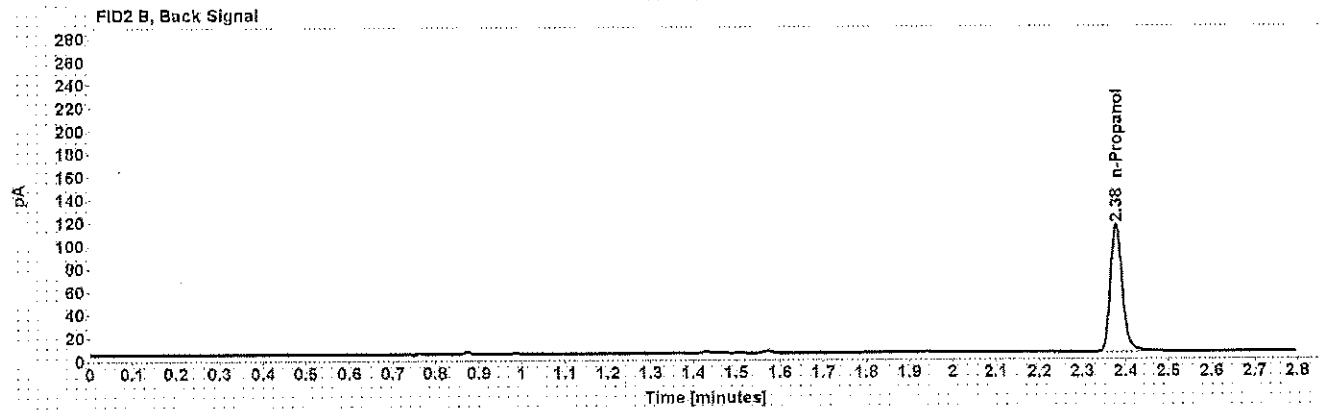
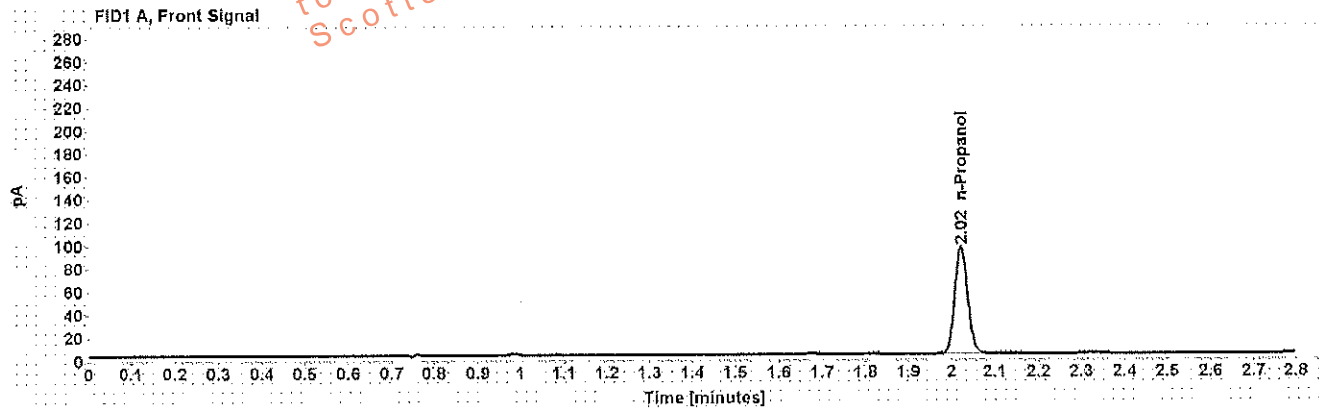


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.022	188.966

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

Compound	Time (min)	Peak Area
n-Propanol	2.378	214.307

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1174682
Injection date: 11/28/2017 12:28:00 PM	Vial: 15
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\15.D	

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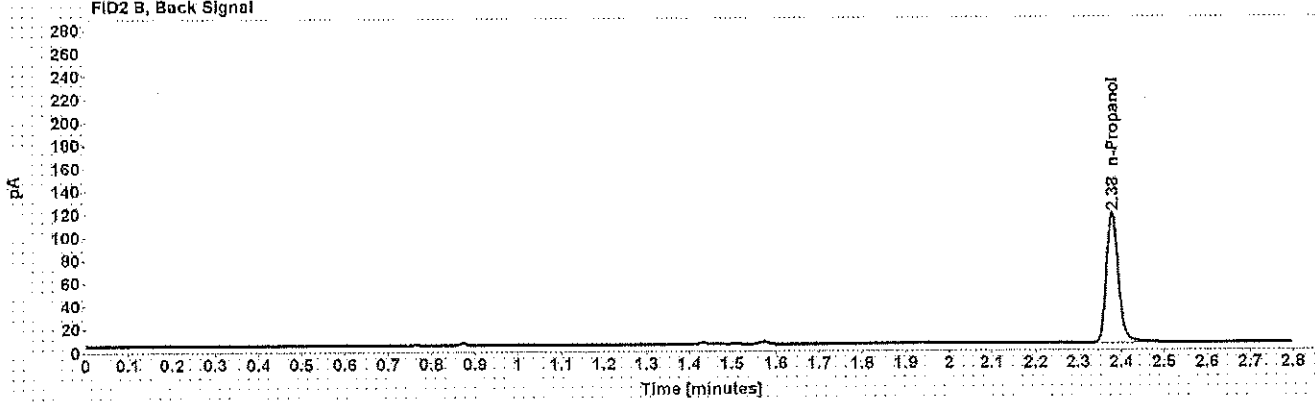
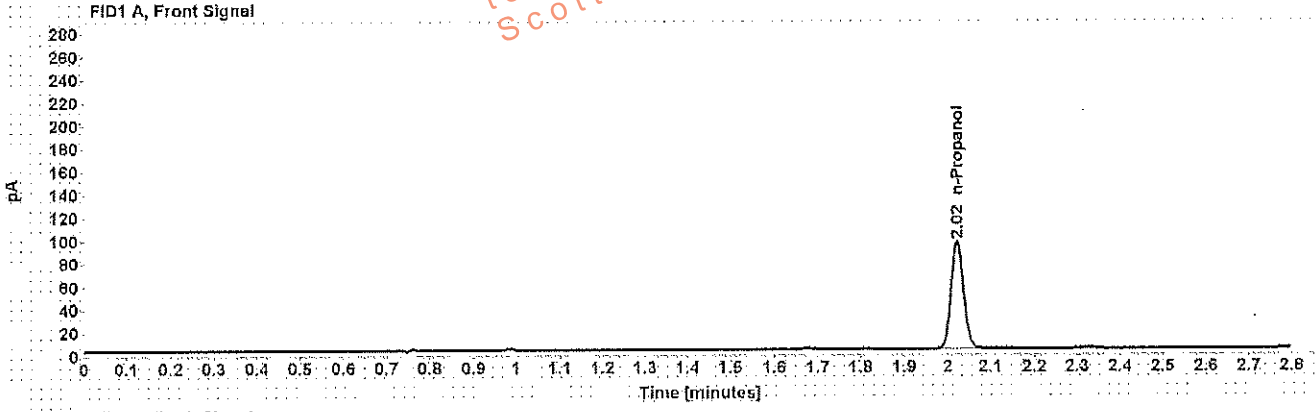


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.022	191.541

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

Compound	Time (min)	Peak Area
n-Propanol	2.379	217.643

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1182559
Injection date: 11/28/2017 12:32:00 PM	Vial: 16
Method: ethanol quanti.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\16.D	

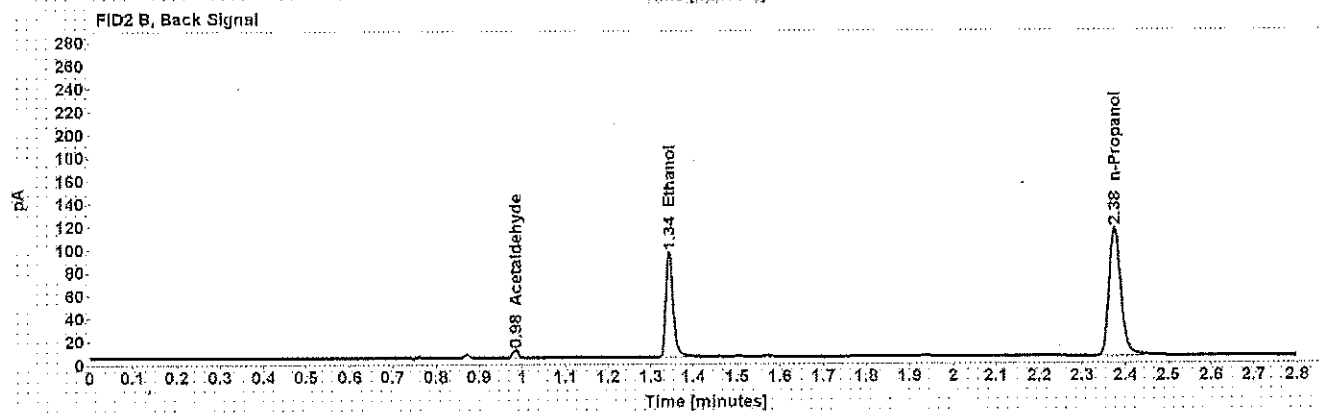
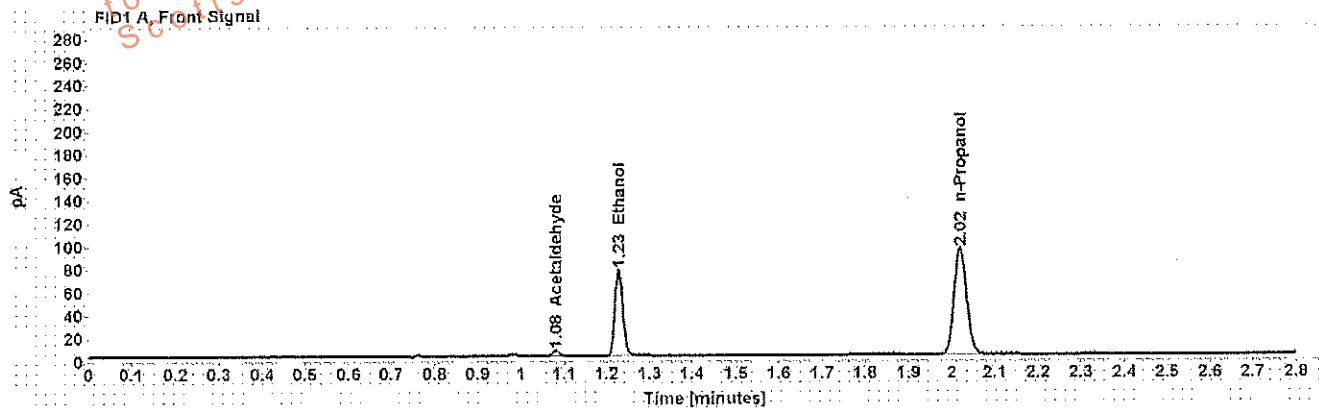


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.856
>Ethanol	0.1437	1.228	96.787
n-Propanol	-----	2.020	190.121

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.952
Ethanol	1.344	111.946
n-Propanol	2.375	216.547

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1182559
Injection date: 11/28/2017 12:36:00 PM	Vial: 17
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\28Nov17\17.D	

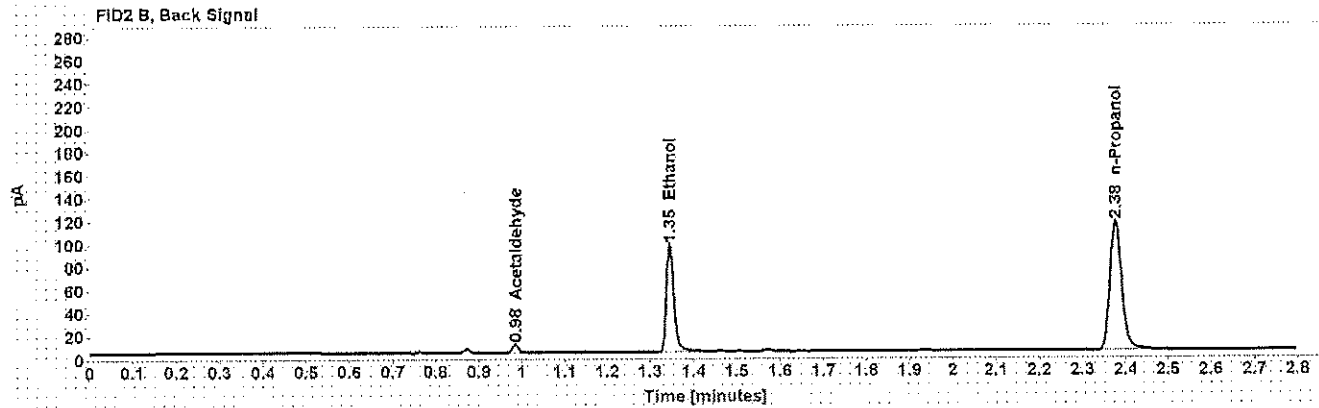
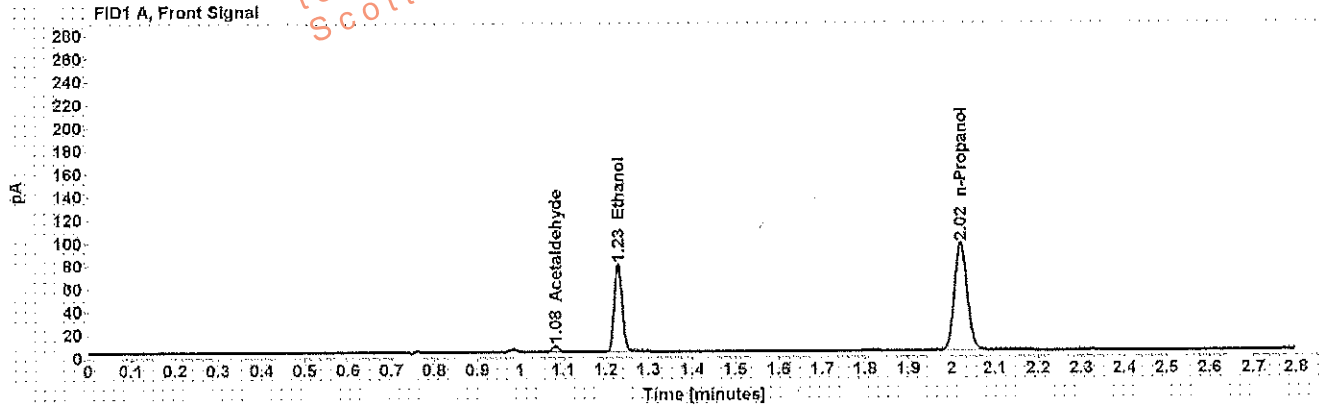


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.250
>Ethanol	0.1449	1.228	97.832
n-Propanol	-----	2.021	190.618

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	6.428
Ethanol	1.345	115.018
n-Propanol	2.377	216.757

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1182549
Injection date: 11/28/2017 12:40:00 PM	Vial: 18
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\18.D	

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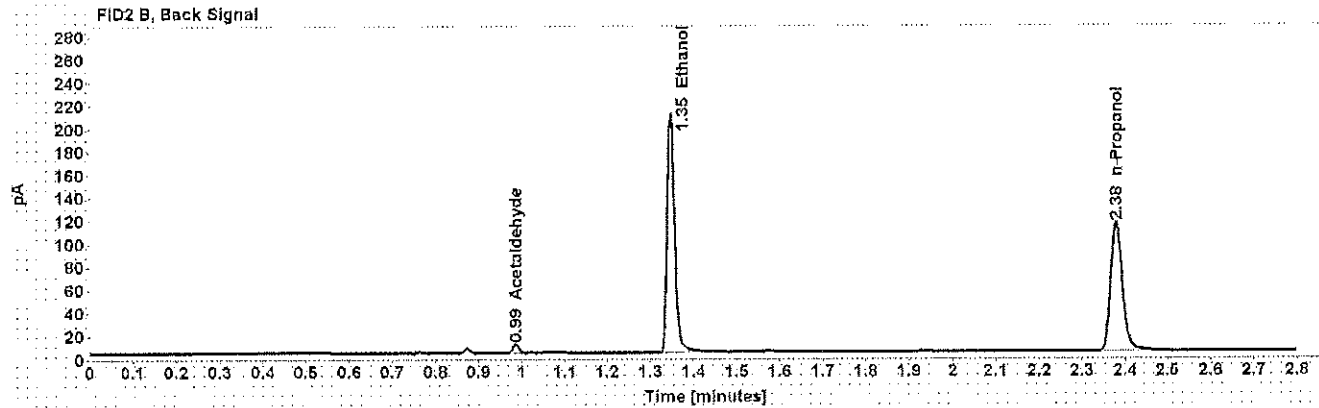
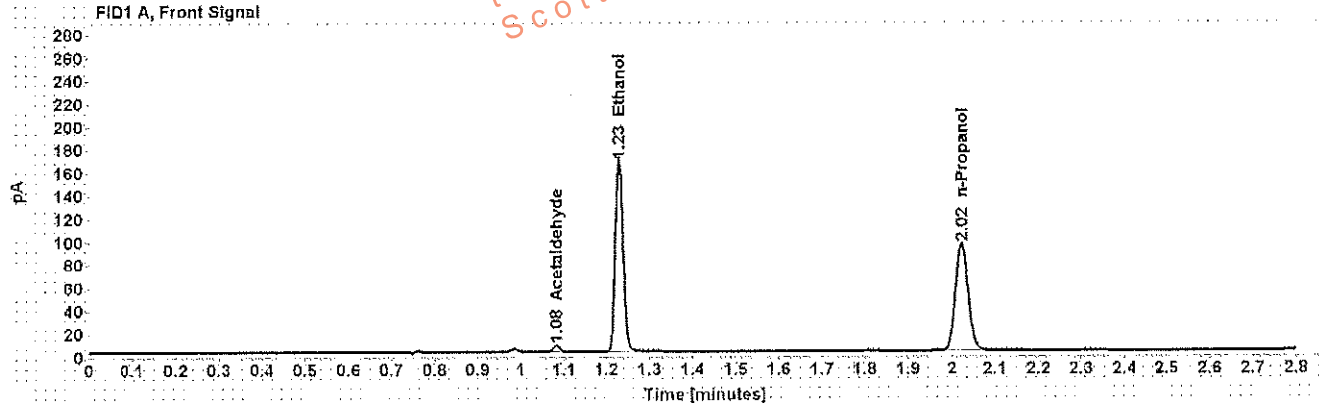


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.571
>Ethanol	0.3165	1.230	213.994
n-Propanol	-----	2.023	189.674

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	6.833
Ethanol	1.348	252.613
n-Propanol	2.379	216.176

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1182549
Injection date: 11/28/2017 12:44:15 PM	Vial: 19
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\19.D	

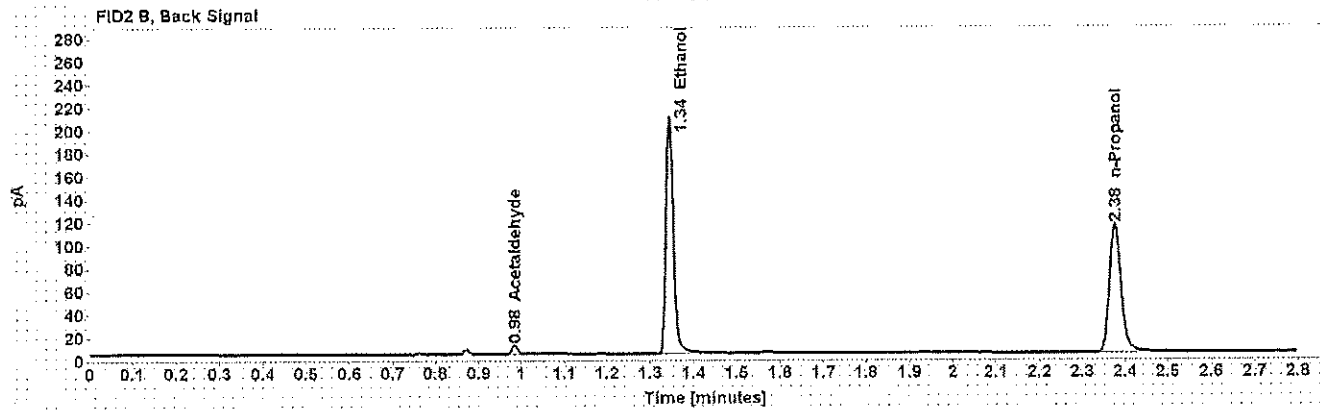
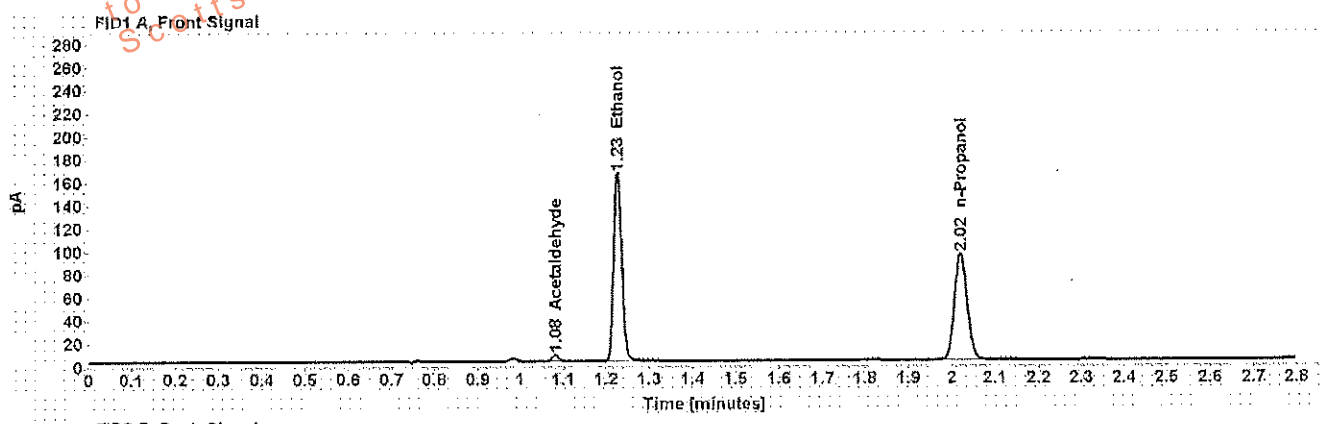


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.666
>Ethanol	0.3133	1.228	210.677
n-Propanol	-----	2.021	188.688

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.965
Ethanol	1.344	248.563
n-Propanol	2.376	215.355

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1160964
Injection date: 11/28/2017 12:52:15 PM	Vial: 21
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\28Nov17\21.D	

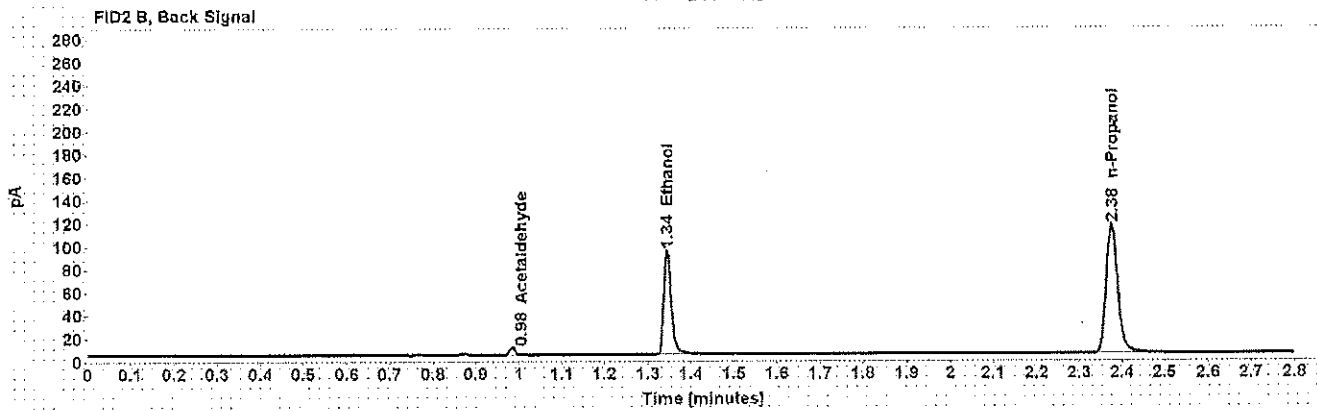
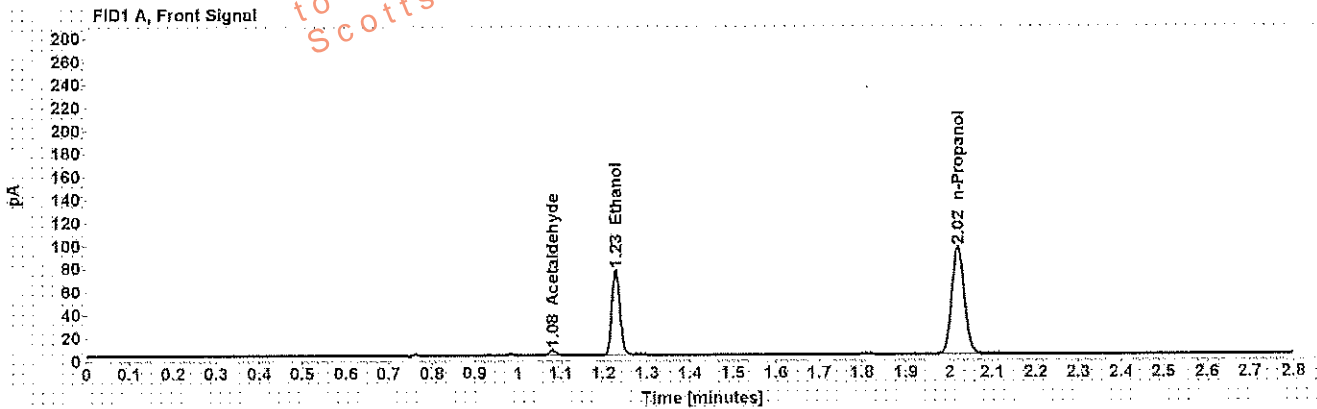


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.612
>Ethanol	0.1413	1.228	95.711
n-Propanol	-----	2.020	191.329

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.616
Ethanol	1.344	111.326
n-Propanol	2.376	217.004

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1160964
Injection date: 11/28/2017 12:56:15 PM	Vial: 22
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
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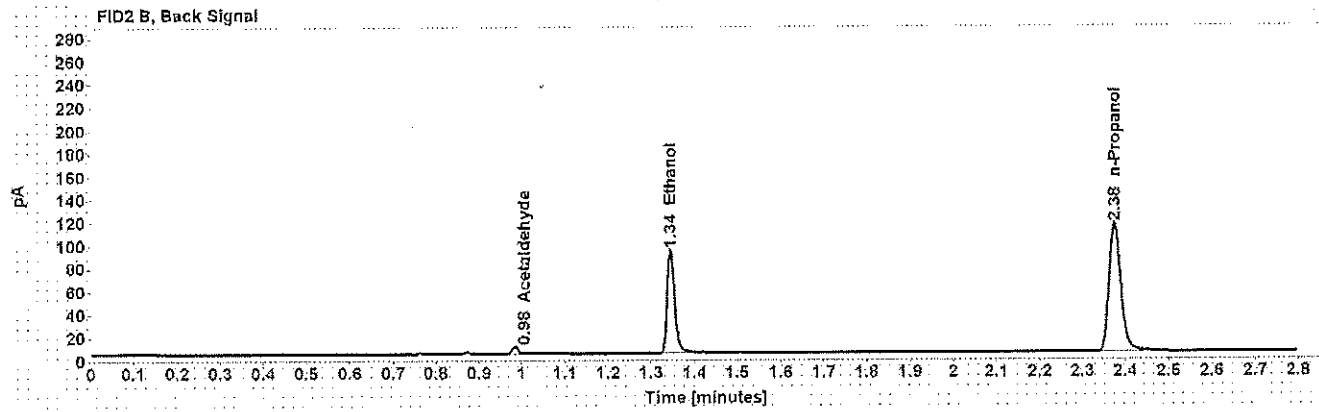
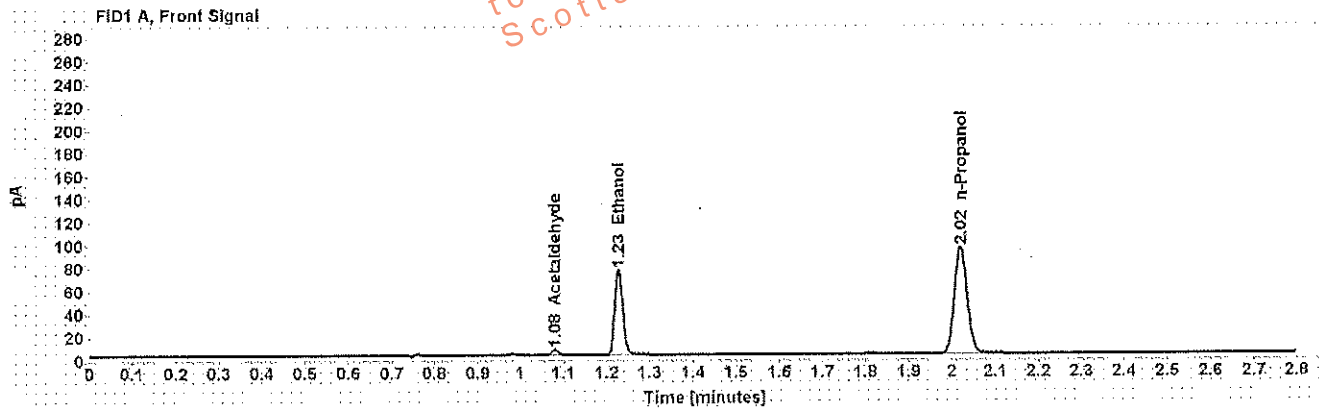


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.676
>Ethanol	0.1410	1.228	95.260
n-Propanol	-----	2.020	190.724

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.739
Ethanol	1.344	110.958
n-Propanol	2.375	216.507

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1154501
Injection date: 11/28/2017 1:00:15 PM	Vial: 23
Method: ethanol.quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\23.D	

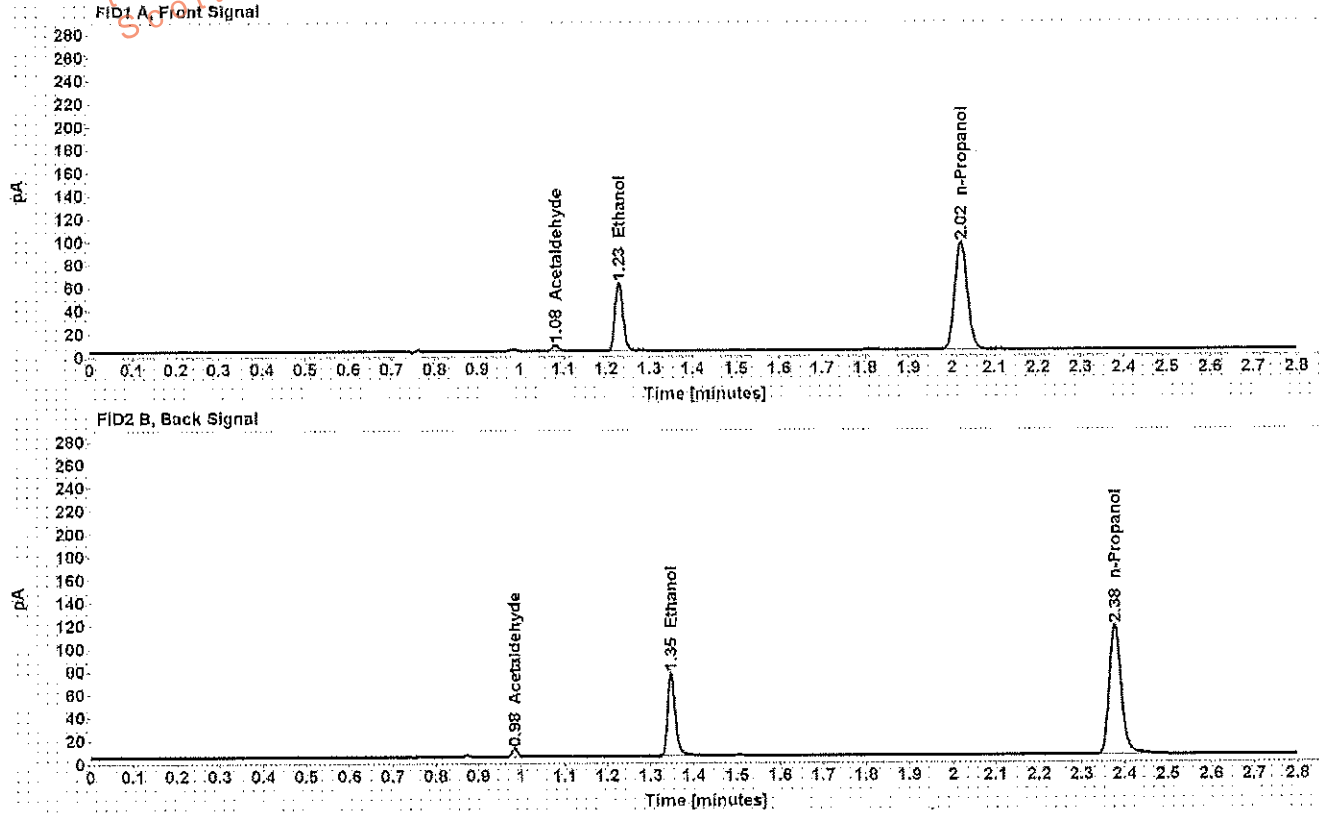


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	5.408
>Ethanol	0.1132	1.229	76.667
n-Propanol	-----	2.022	191.740

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	6.616
Ethanol	1.347	87.889
n-Propanol	2.377	217.578

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1154501
Injection date: 11/28/2017 1:04:15 PM	Vial: 24
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
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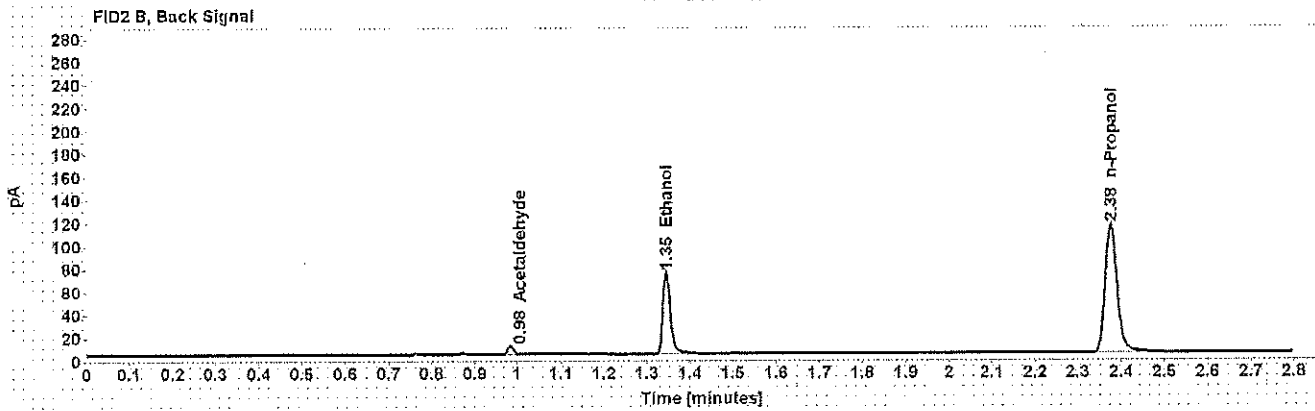
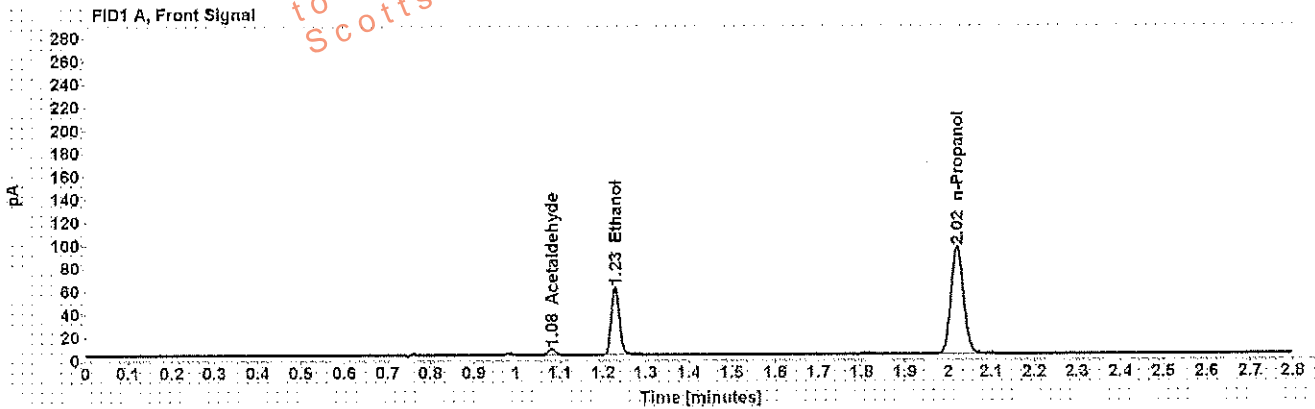


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.419
>Ethanol	0.1121	1.228	75.380
n-Propanol	-----	2.021	190.407

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.670
Ethanol	1.345	86.432
n-Propanol	2.376	216.093

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 927-01A
Injection date: 11/28/2017 1:08:30 PM	Vial: 25
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\25.D	

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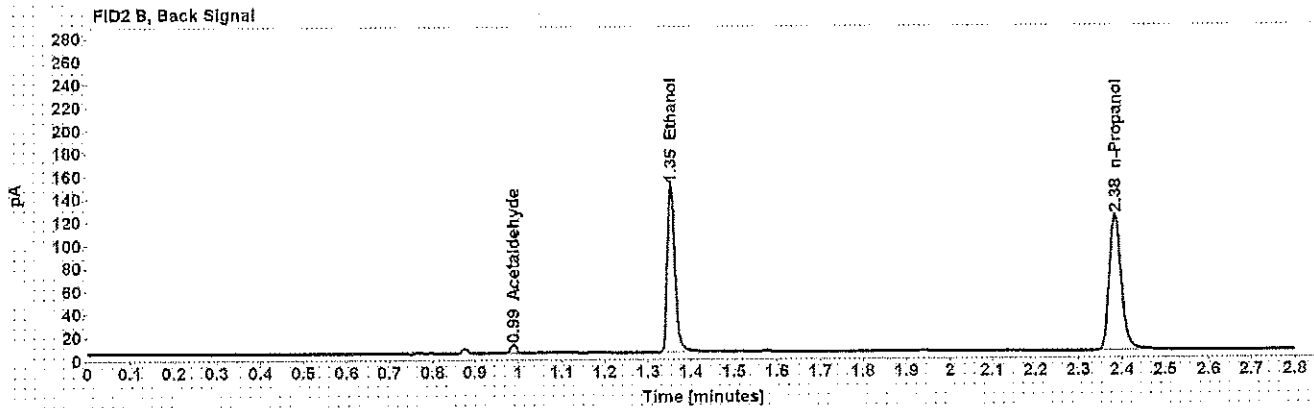
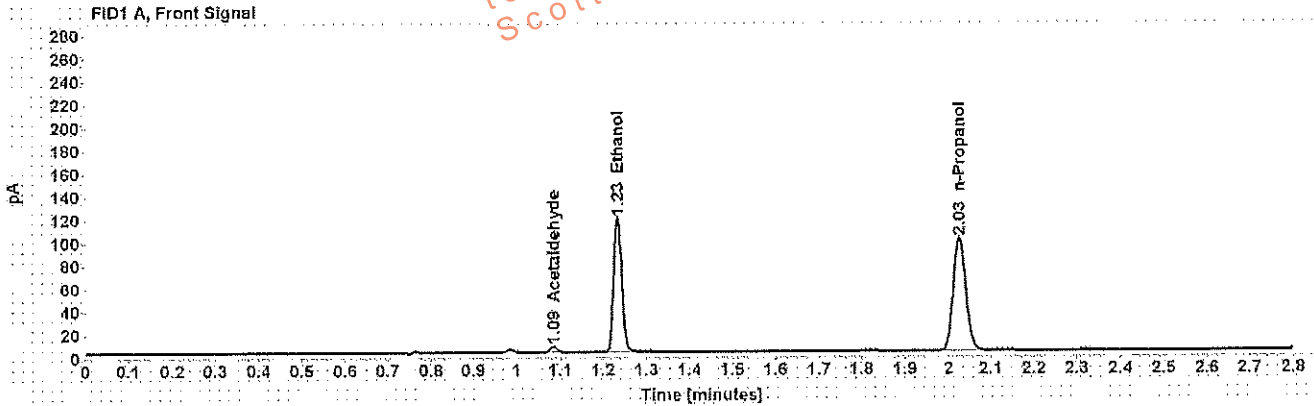


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.085	5.282
>Ethanol	0.2146	1.234	153.233
n-Propanol	-----	2.026	200.820

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.989	6.510
Ethanol	1.354	180.681
n-Propanol	2.384	229.734

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 327-01A
Injection date: 11/28/2017 1:12:30 PM	Vial: 26
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\28Nov17\26.D	

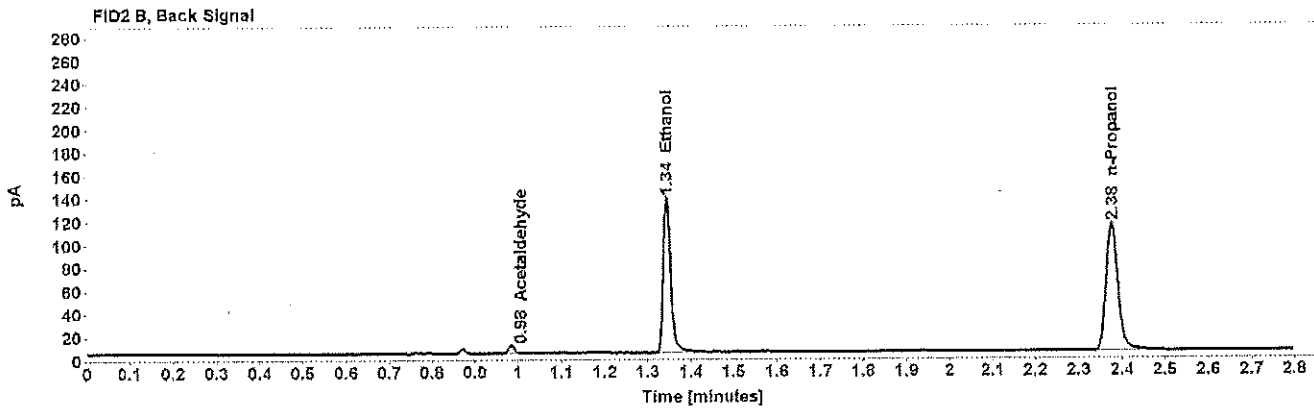
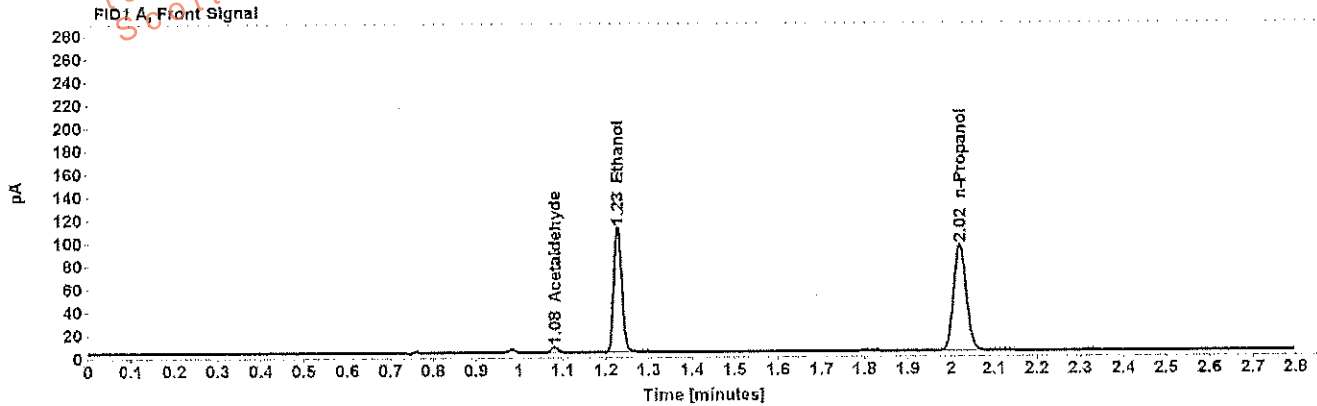


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.988
>Ethanol	0.2065	1.228	139.557
n-Propanol	-----	2.020	188.283

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.101
Ethanol	1.344	164.630
n-Propanol	2.376	214.597

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1182904
Injection date:	11/28/2017 1:16:30 PM	Vial:	27
Method:	ethanol quant.M	Sequence:	28Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\28Nov17\27.D		

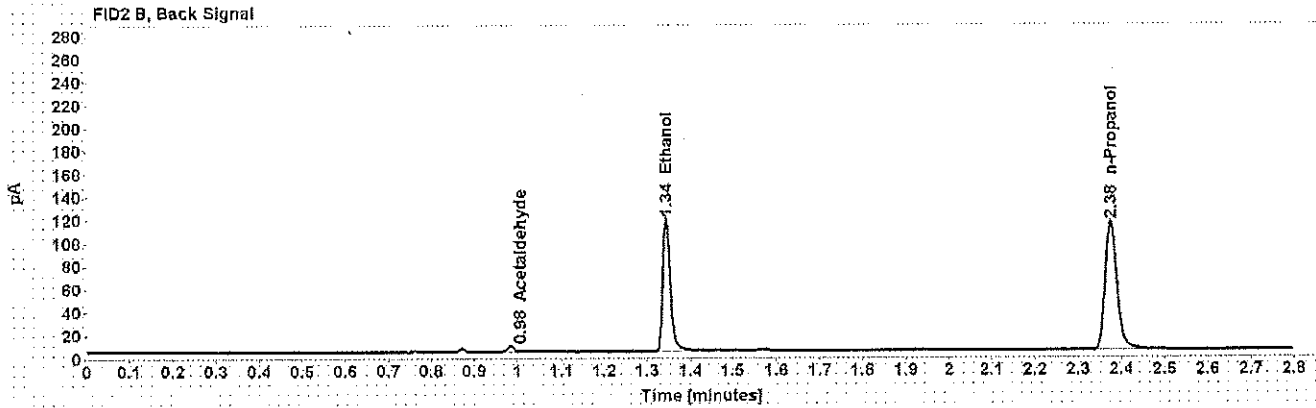
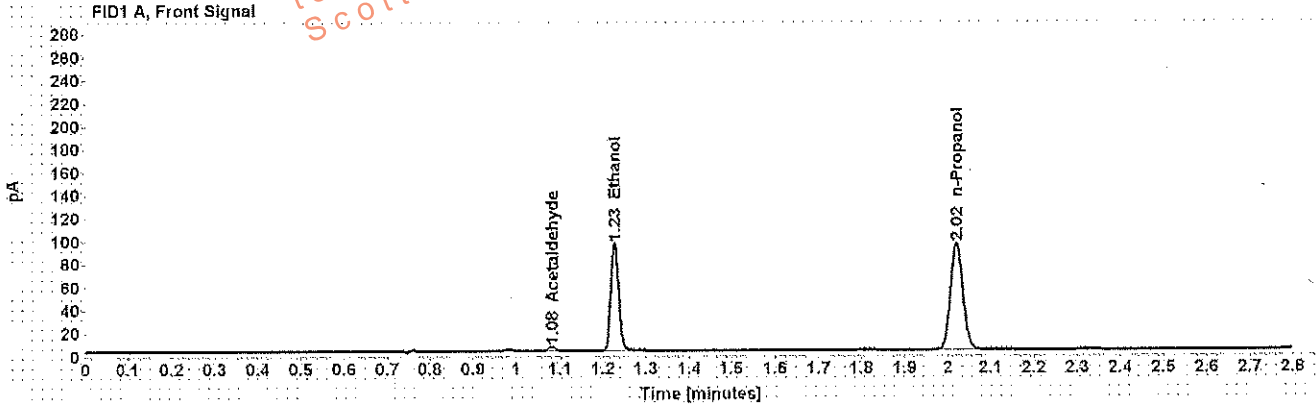


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	3.756
>Ethanol	0.1790	1.227	120.278
n-Propanol	-----	2.020	189.256

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.629
Ethanol	1.344	141.825
n-Propanol	2.375	216.125

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1182904
Injection date: 11/28/2017 1:20:30 PM	Vial: 28
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\28.D	

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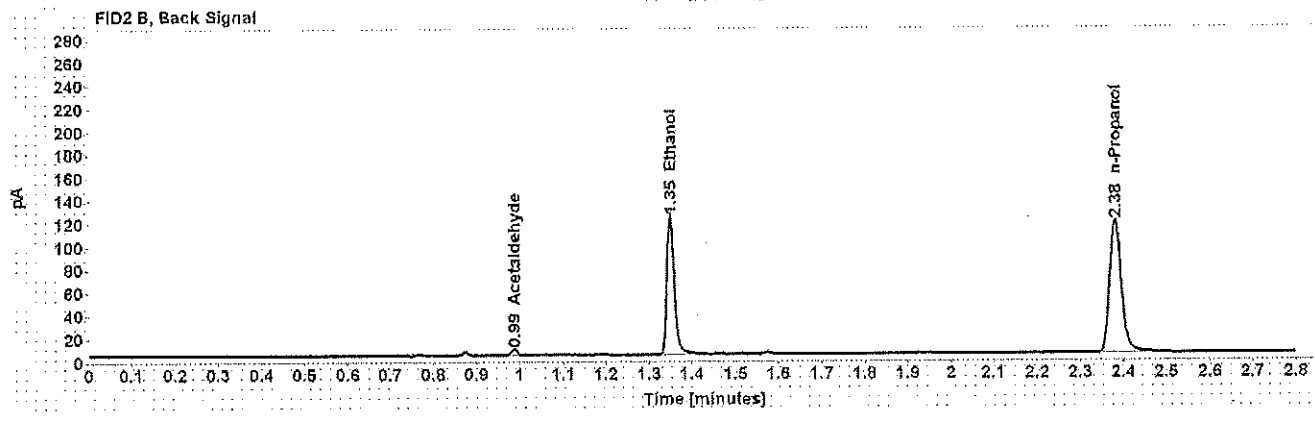
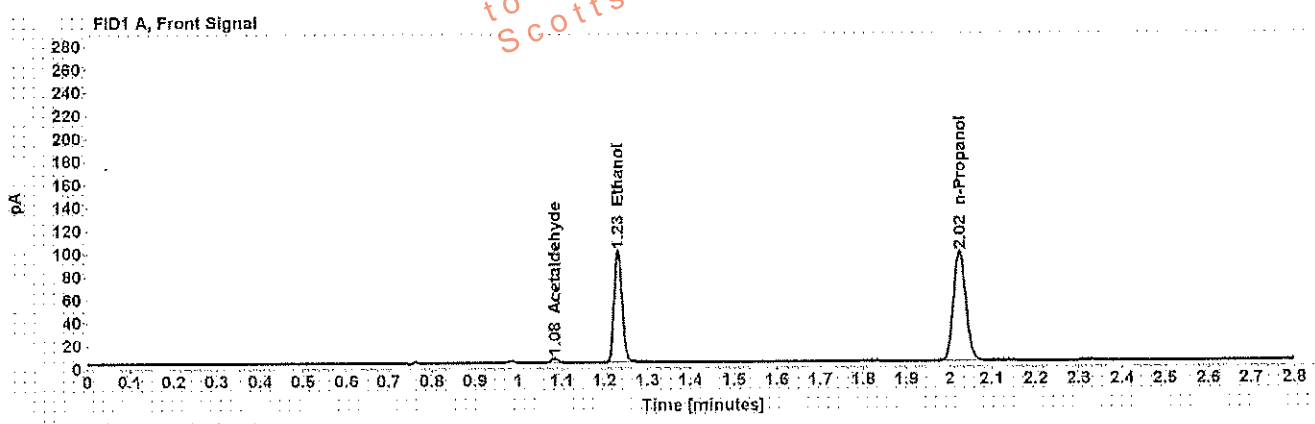


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	3.828
>Ethanol	0.1827	1.231	126.247
n-Propanol	-----	2.024	194.624

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	4.736
Ethanol	1.350	148.889
n-Propanol	2.381	222.569

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1158945
Injection date: 11/28/2017 1:24:30 PM	Vial: 29
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
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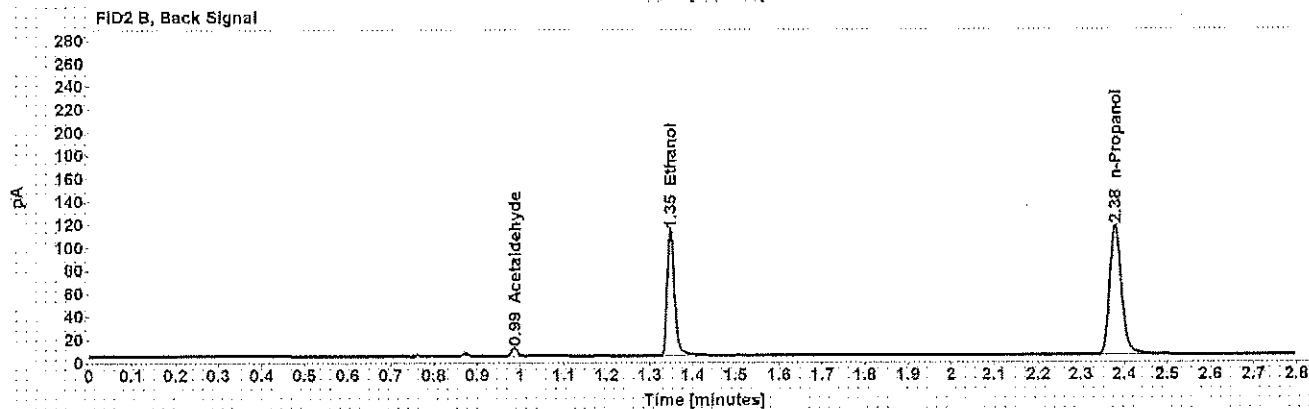
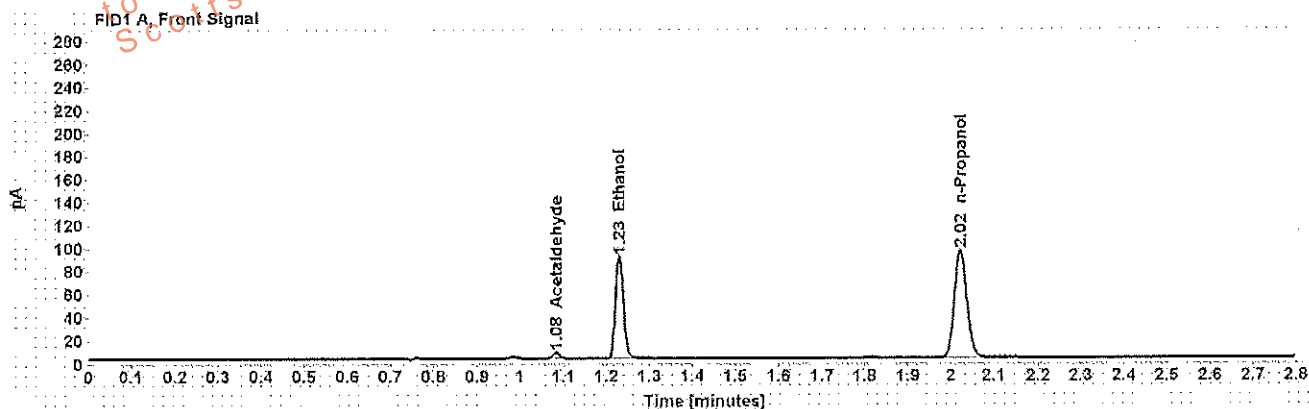


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.224
>Ethanol	0.1886	1.230	114.764
n-Propanol	-----	2.023	191.857

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	6.434
Ethanol	1.348	133.962
n-Propanol	2.379	217.679

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1158945
Injection date: 11/28/2017 1:28:30 PM	Vial: 30
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\28Nov17\30.D	

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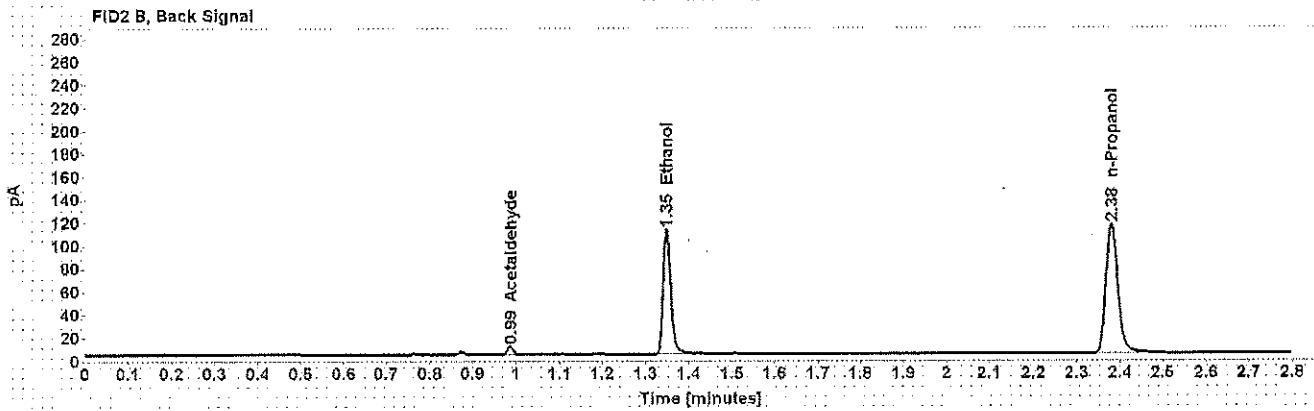
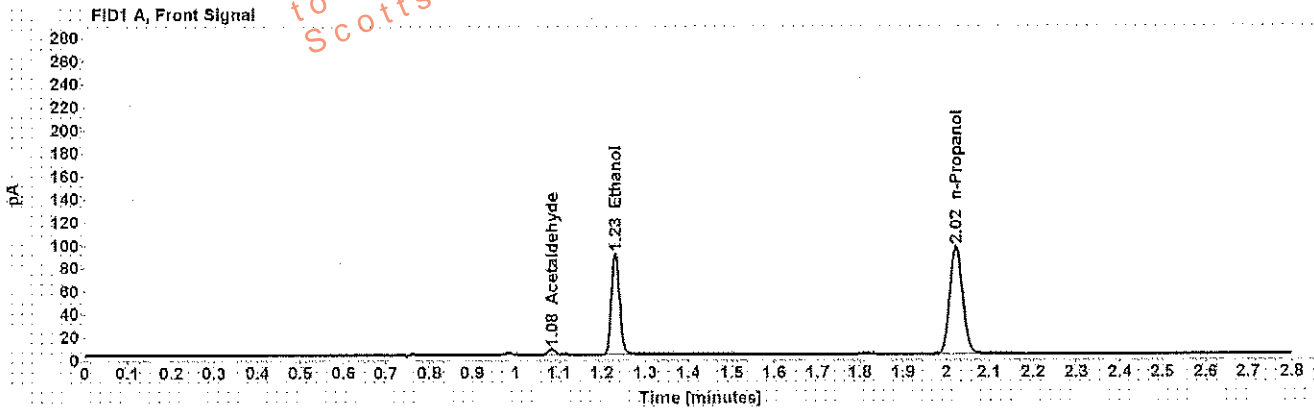


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.083	5.190
>Ethanol	0.1684	1.231	114.794
n-Propanol	-----	2.024	192.169

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	6.365
Ethanol	1.349	133.695
n-Propanol	2.380	218.092

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1182747
Injection date: 11/28/2017 1:36:45 PM	Vial: 32
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\32.D	

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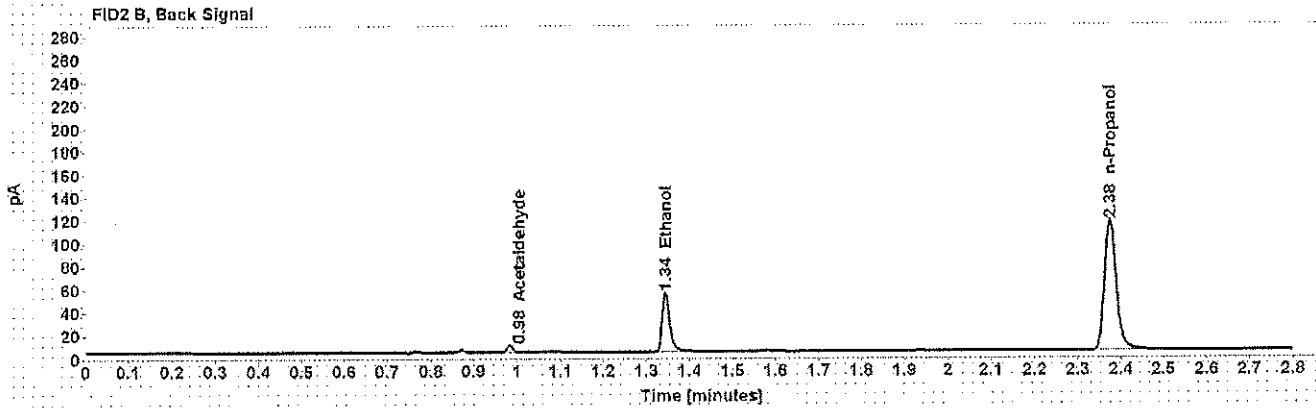
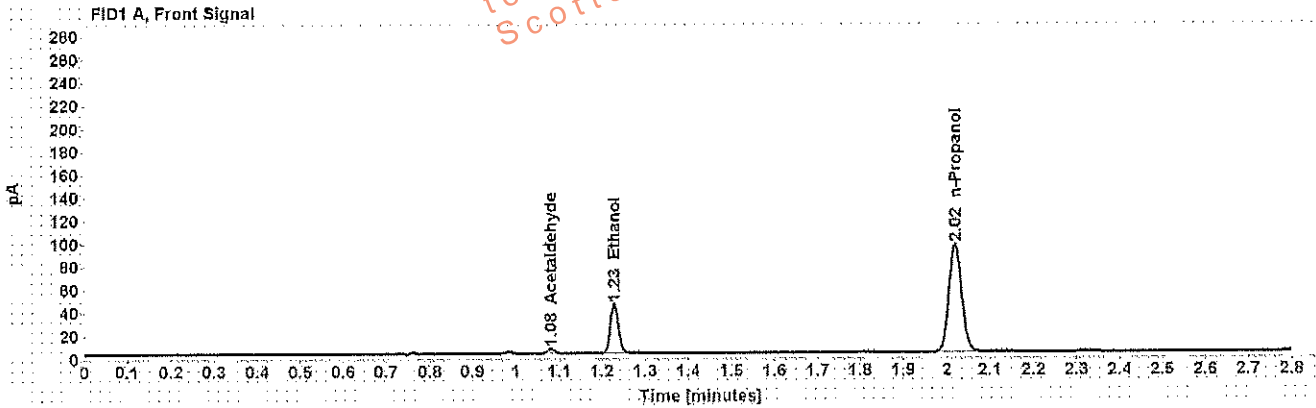


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.338
>Ethanol	0.0820	1.228	55.207
n-Propanol	-----	2.020	191.740

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.331
Ethanol	1.344	63.504
n-Propanol	2.375	218.881

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1182747
Injection date: 11/28/2017 1:40:45 PM	Vial: 33
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\28Nov17\33.D	

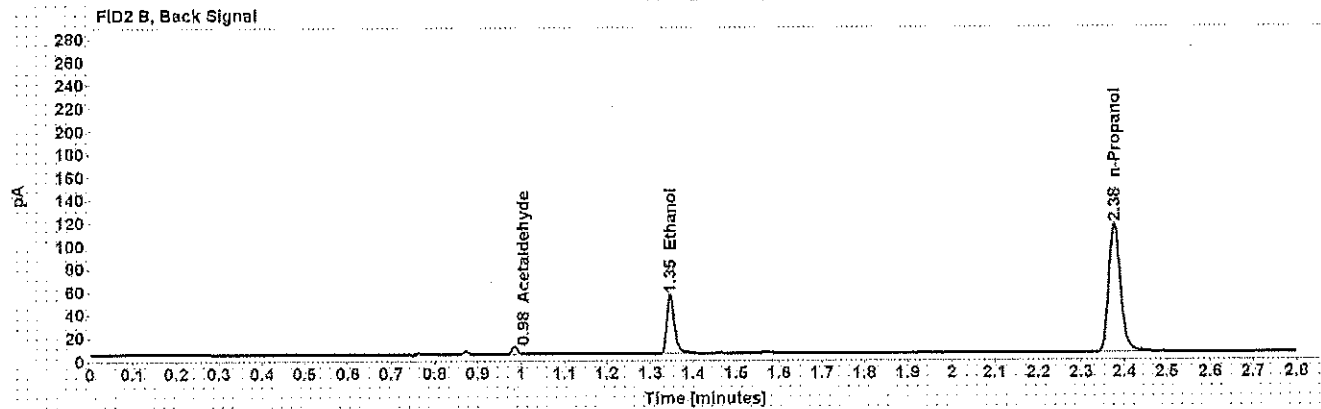
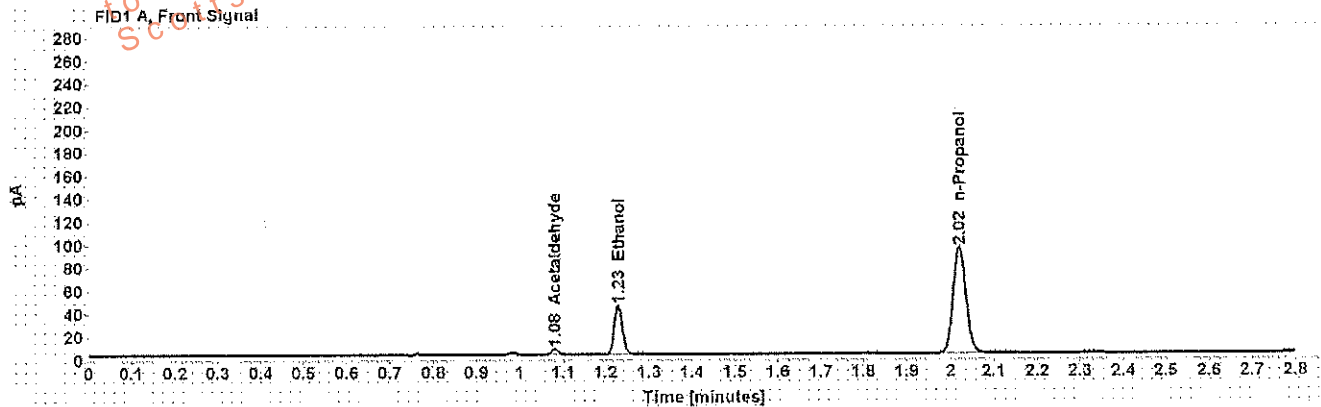


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.673
>Ethanol	0.0826	1.229	54.930
n-Propanol	-----	2.021	189.234

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.738
Ethanol	1.348	63.134
n-Propanol	2.377	216.007

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 321-01A
Injection date: 11/28/2017 1:44:45 PM	Vial: 34
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
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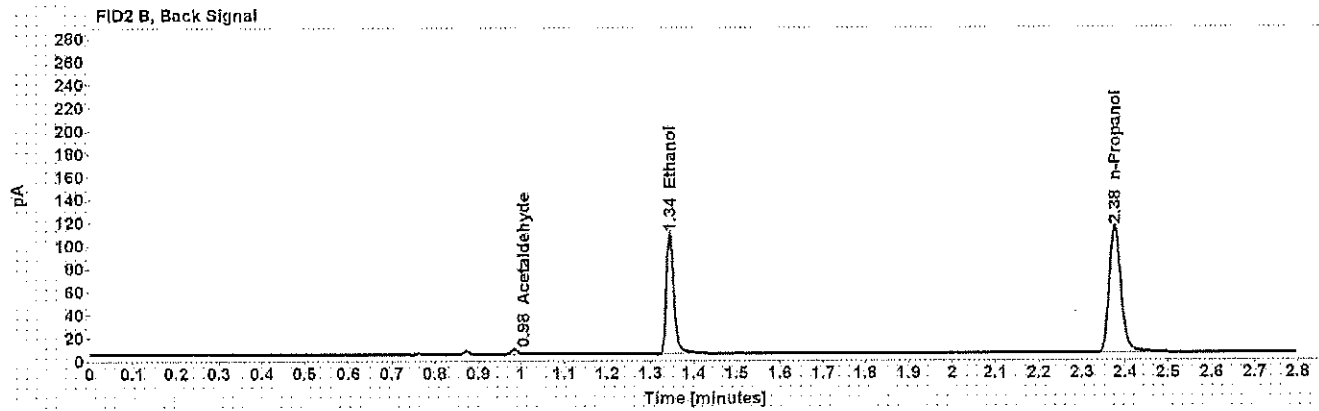
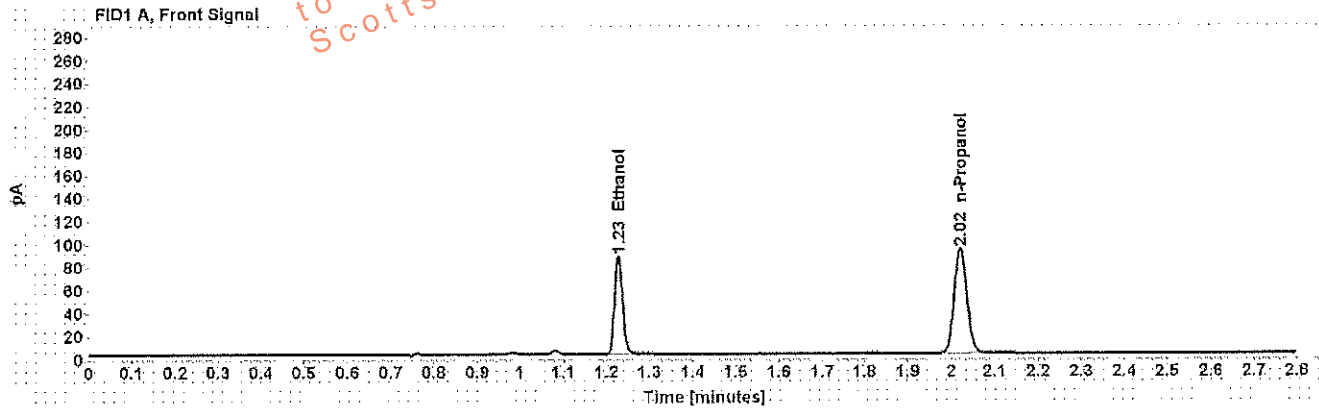


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1650	1.228	109.683
n-Propanol	-----	2.021	187.380

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.079
Ethanol	1.345	127.968
n-Propanol	2.376	213.906

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 321-01A
Injection date: 11/28/2017 1:48:45 PM	Vial: 35
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\28Nov17\35.D	

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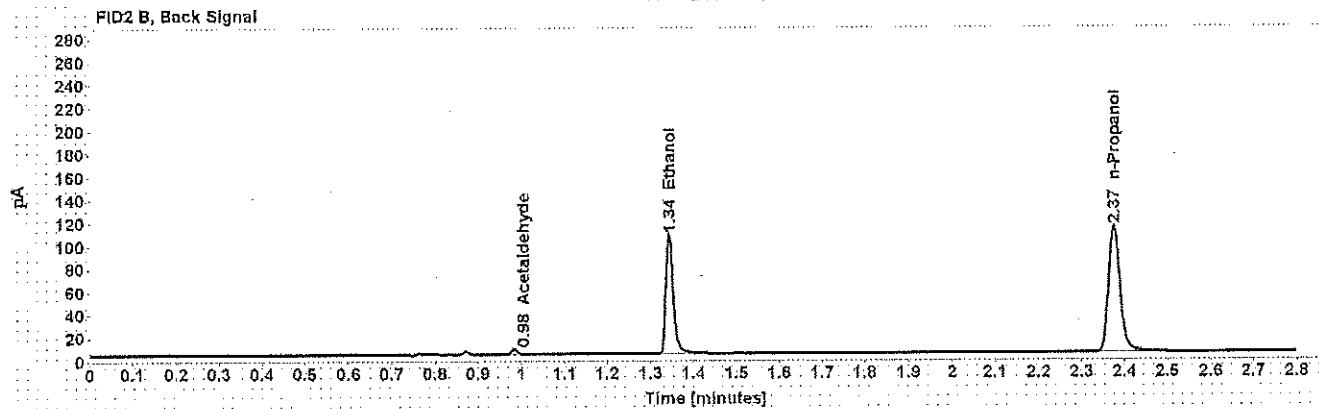
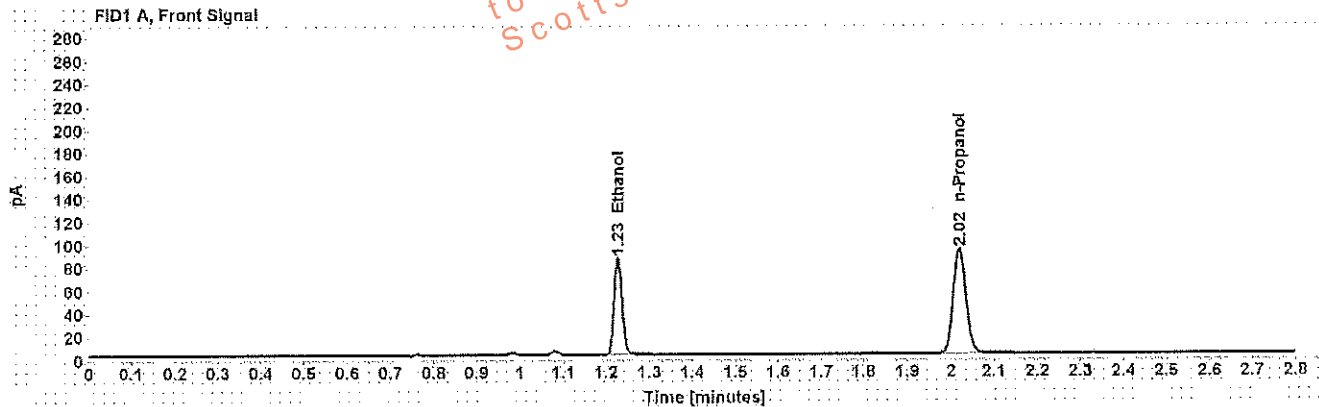


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1641	1.227	108.489
n-Propanol	-----	2.020	186.376

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.196
Ethanol	1.344	127.915
n-Propanol	2.375	212.498

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1159425
Injection date: 11/28/2017 1:52:45 PM	Vial: 36
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
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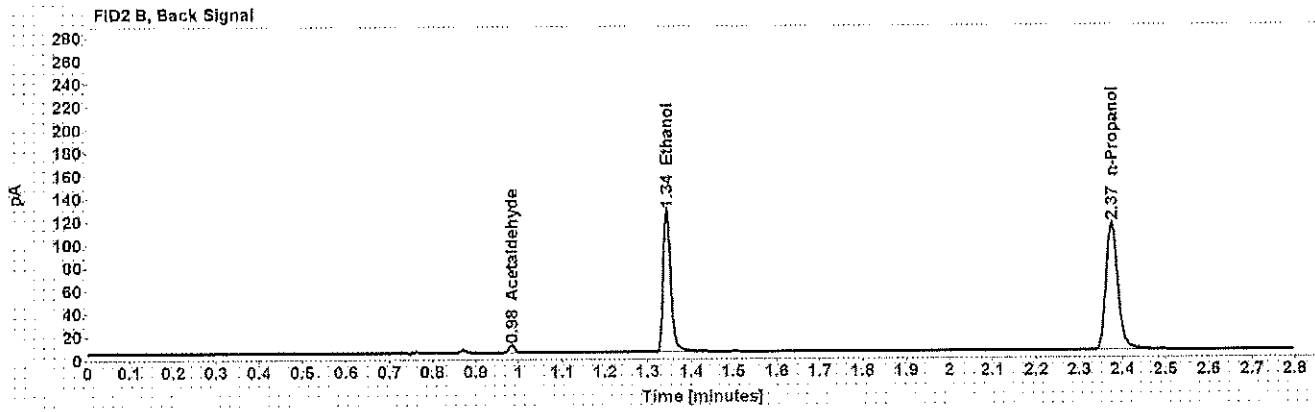
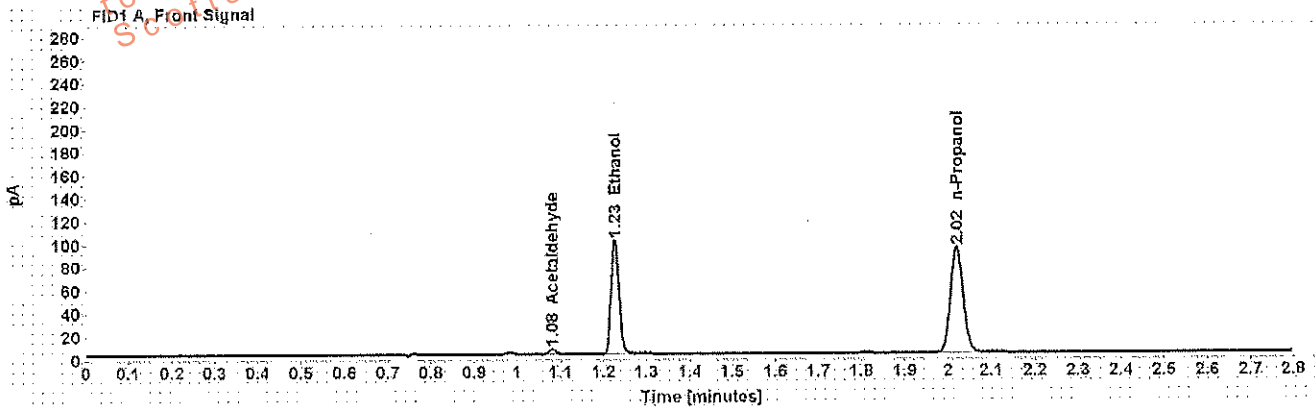


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.698
>Ethanol	0.1910	1.227	127.773
n-Propanol	-----	2.020	188.364

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.794
Ethanol	1.343	149.331
n-Propanol	2.375	214.512

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1159425
Injection date: 11/28/2017 1:57:00 PM	Vial: 37
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173028 CN14160045	Analyst: Adrian
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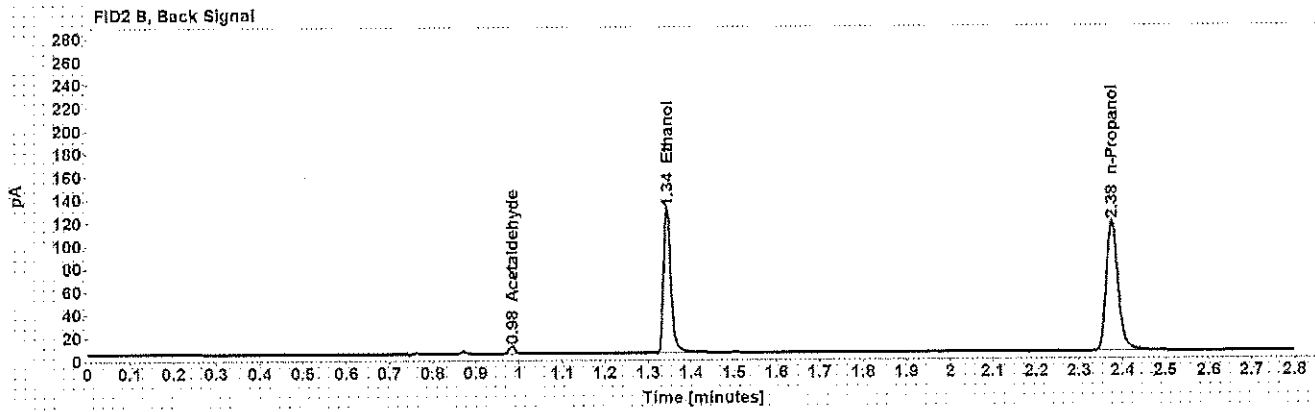
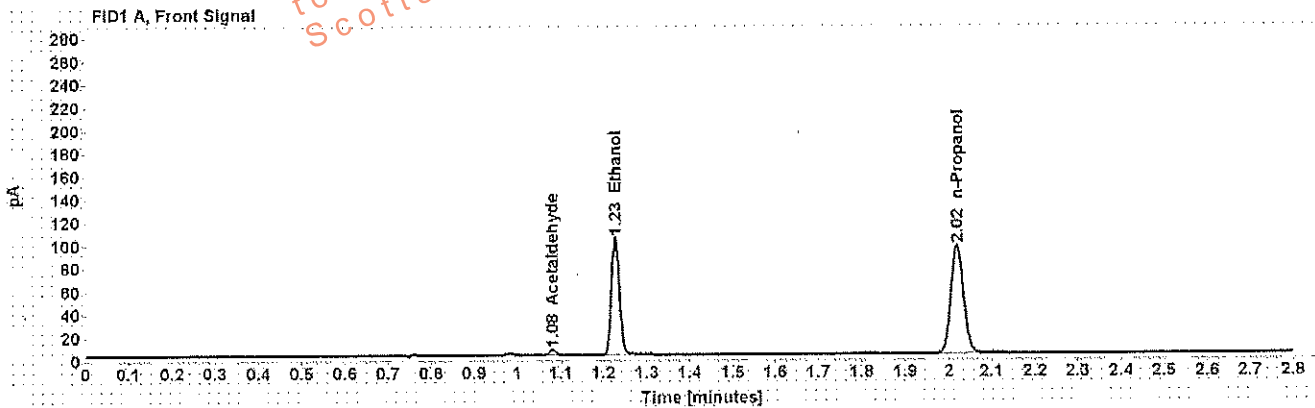


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.754
>Ethanol	0.1917	1.227	131.124
n-Propanol	-----	2.020	192.582

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.853
Ethanol	1.344	153.120
n-Propanol	2.375	219.825

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1165575
Injection date: 11/28/2017 2:01:00 PM	Vial: 38
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\38.D	

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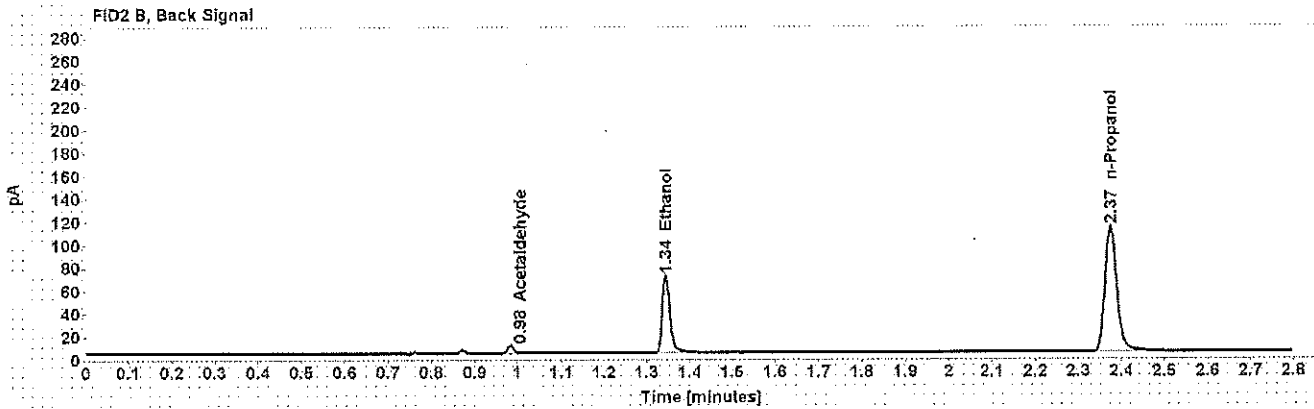
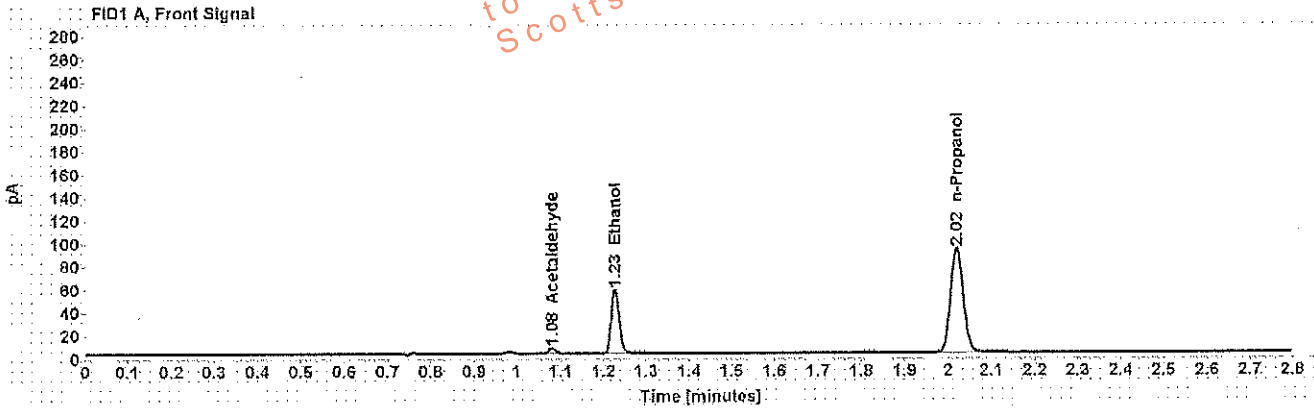


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.947
>Ethanol	0.1096	1.228	71.731
n-Propanol	-----	2.020	185.503

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.115
Ethanol	1.344	82.871
n-Propanol	2.375	211.274

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1165575
Injection date: 11/28/2017 2:05:00 PM	Vial: 39
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
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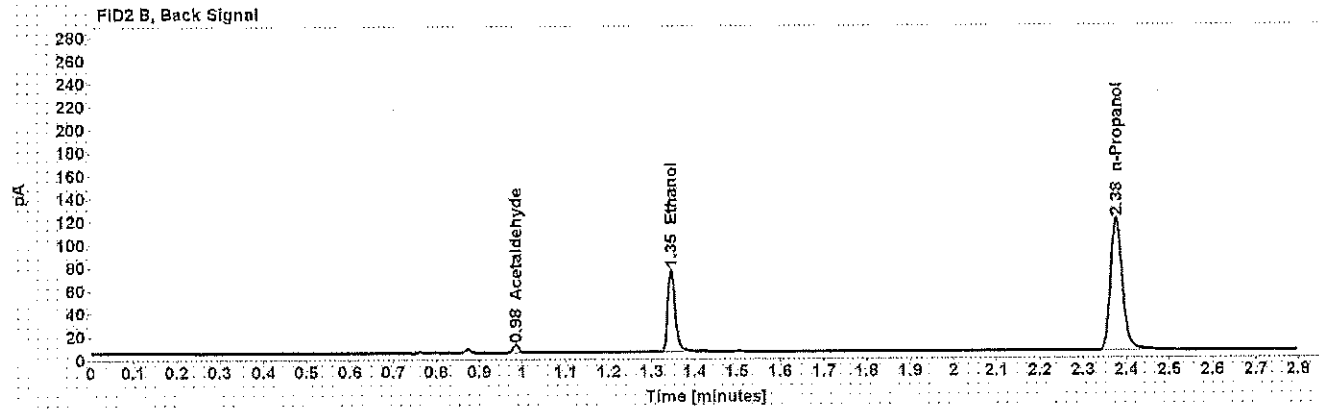
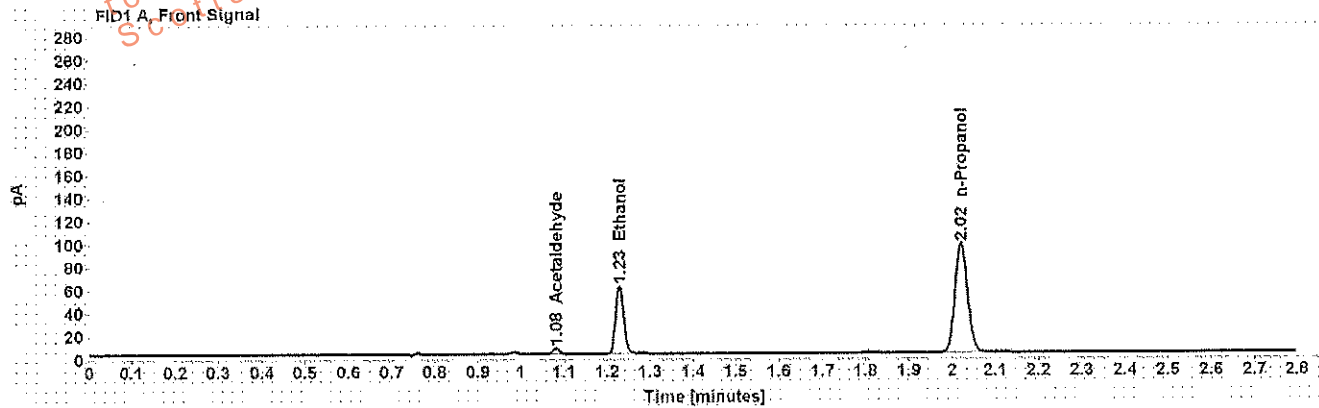


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.193
>Ethanol	0.1108	1.228	75.943
n-Propanol	-----	2.021	194.182

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.391
Ethanol	1.345	87.217
n-Propanol	2.376	221.982

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1182579
Injection date: 11/28/2017 2:09:00 PM	Vial: 40
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\28Nov17\40.D	

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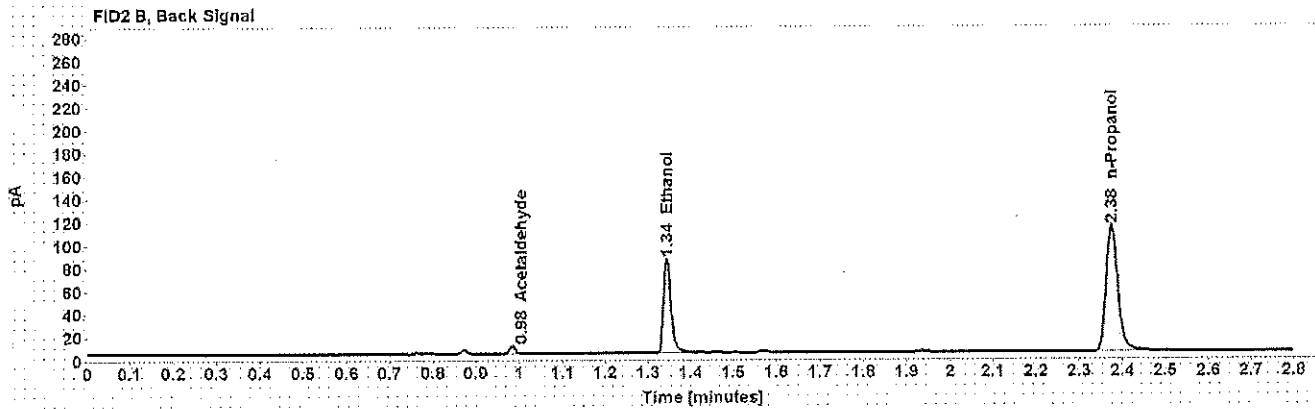
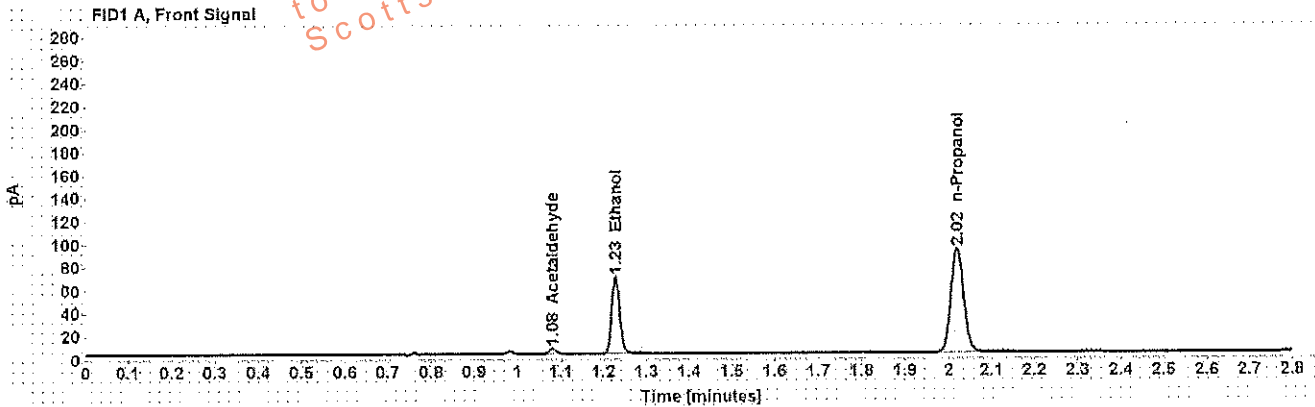


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.886
>Ethanol	0.1313	1.228	86.430
n-Propanol	-----	2.020	186.089

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.012
Ethanol	1.344	102.128
n-Propanol	2.375	211.653

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1182579
Injection date: 11/28/2017 2:13:00 PM	Vial: 41
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
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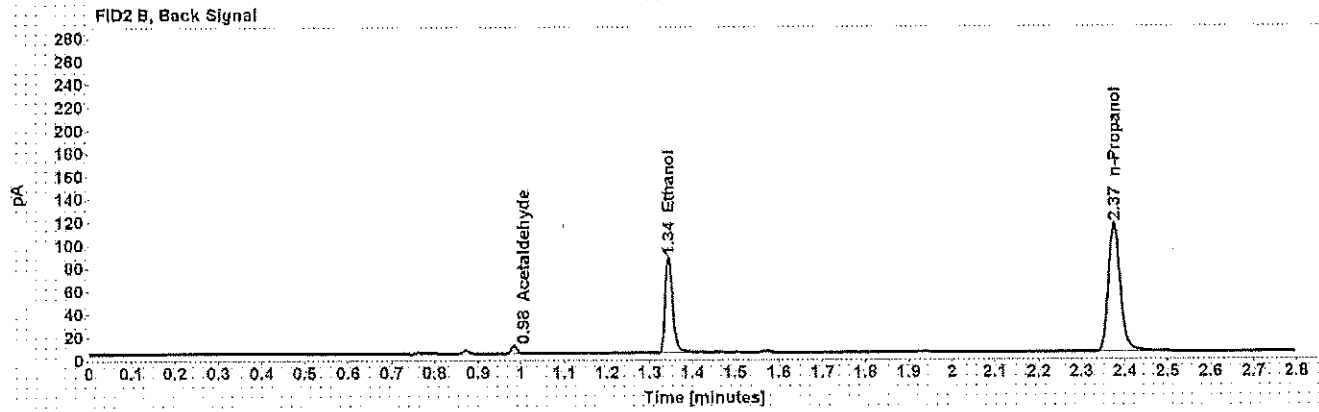
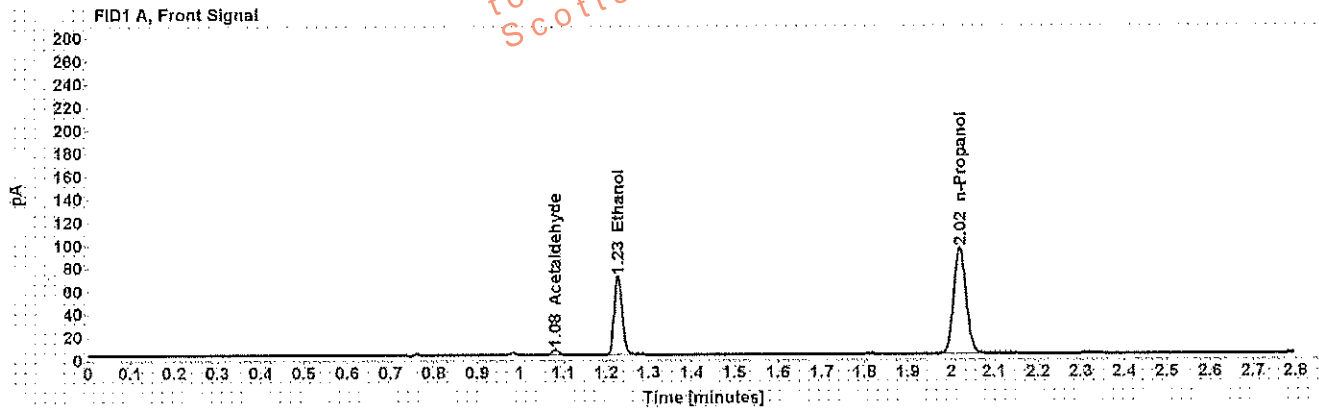


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.908
>Ethanol	0.1313	1.228	87.811
n-Propanol	-----	2.020	189.007

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.012
Ethanol	1.344	101.920
n-Propanol	2.375	216.177

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1181271
Injection date: 11/28/2017 2:21:15 PM	Vial: 43
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
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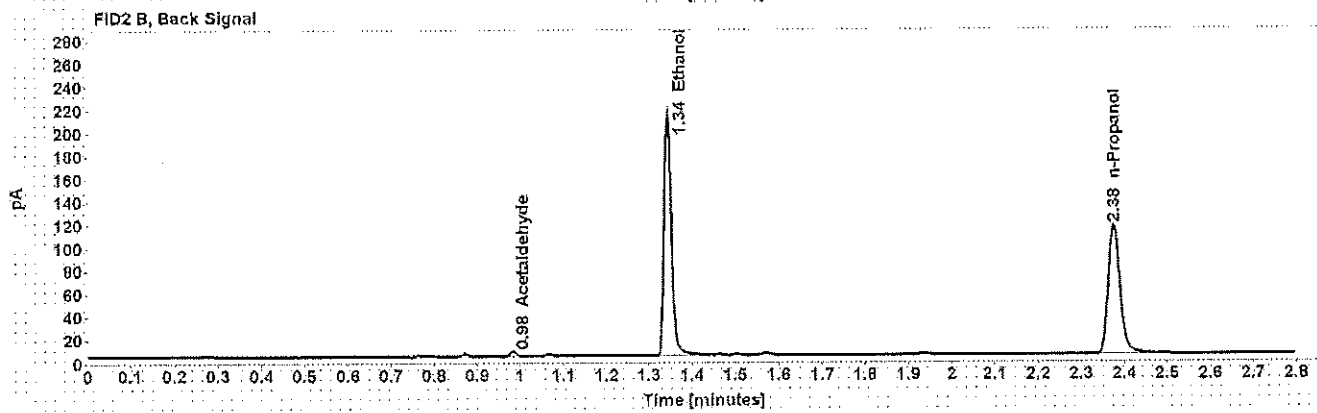
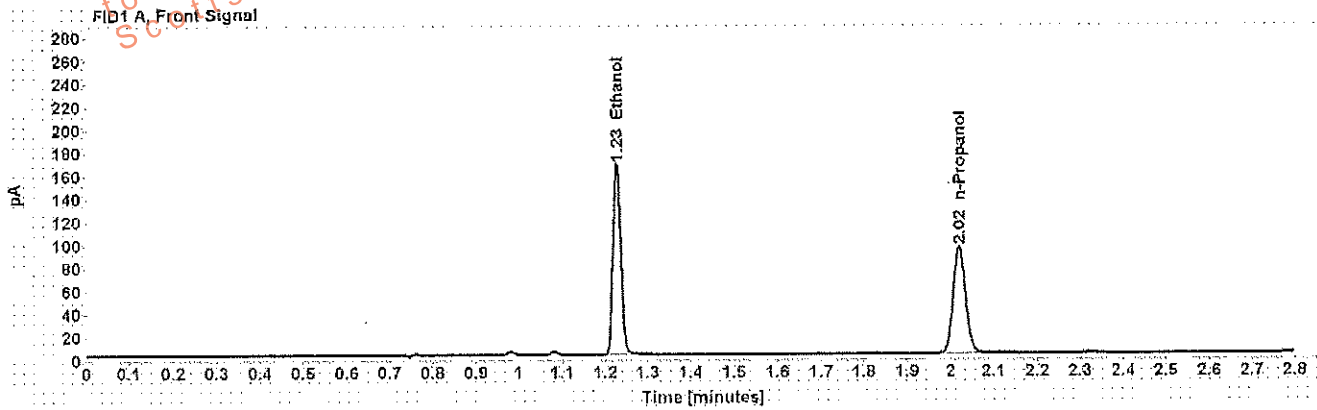


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3133	1.227	213.206
n-Propanol	-----	2.020	190.966

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	3.854
Ethanol	1.343	252.915
n-Propanol	2.375	217.861

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1181271
Injection date: 11/28/2017 2:25:15 PM	Vial: 44
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
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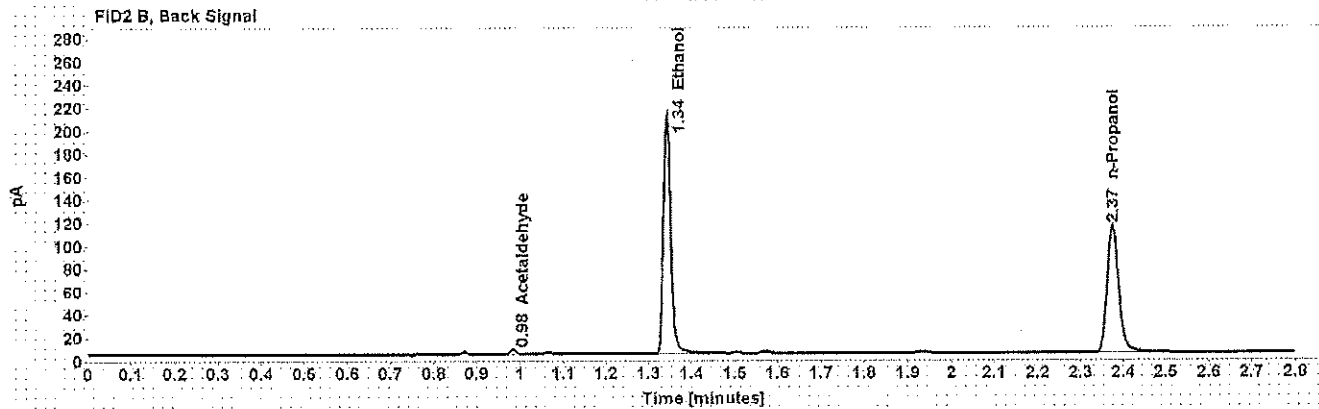
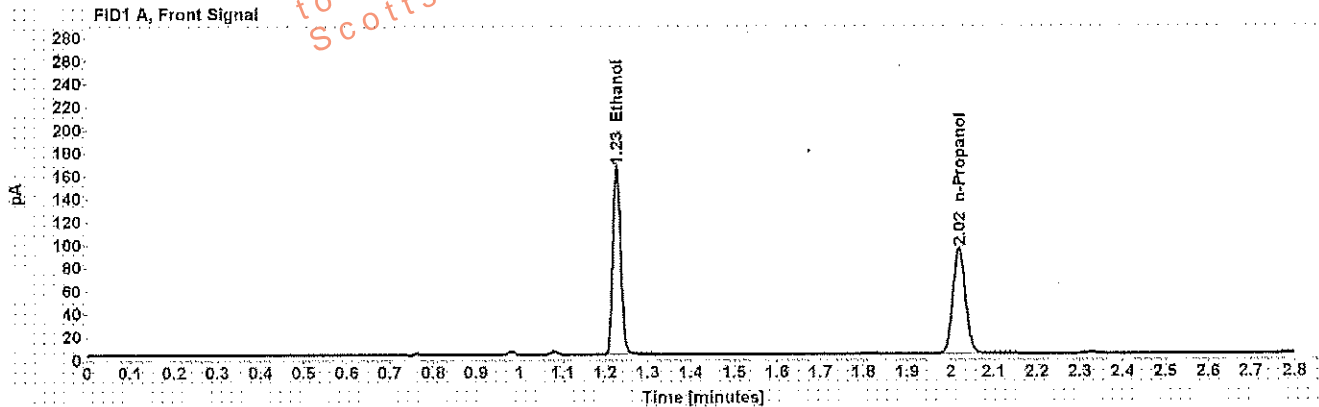


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3157	1.227	210.607
n-Propanol	-----	2.020	187.150

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	3.795
Ethanol	1.343	249.760
n-Propanol	2.375	215.017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1184711
Injection date: 11/28/2017 2:29:15 PM	Vial: 45
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\45.D	

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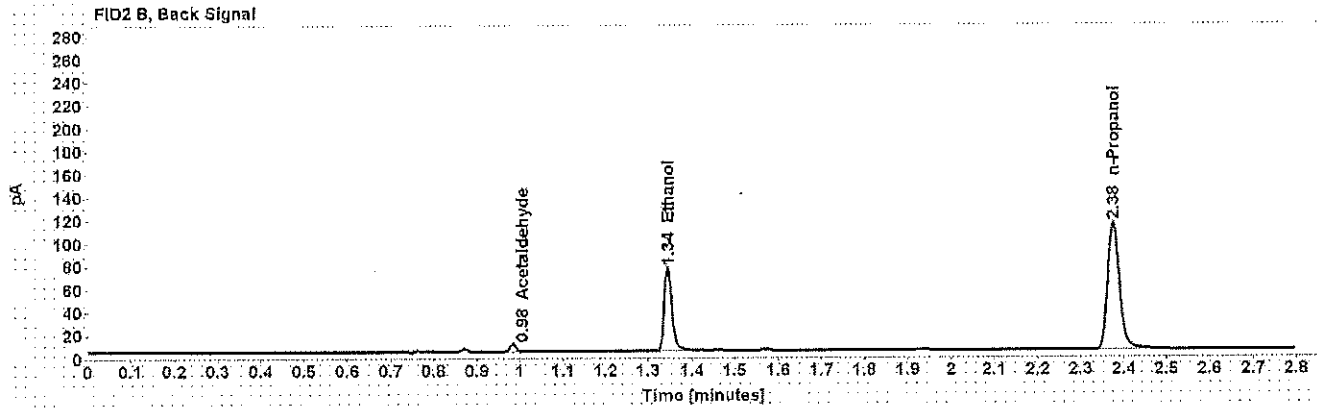
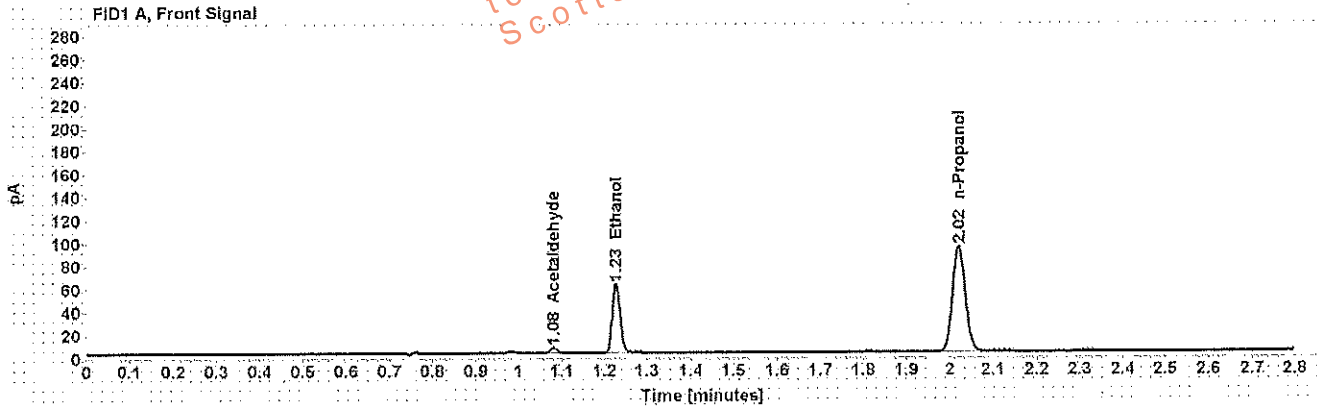


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.872
>Ethanol	0.1165	1.228	77.080
n-Propanol	-----	2.020	187.294

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.008
Ethanol	1.344	89.200
n-Propanol	2.375	214.175

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1184711
Injection date:	11/28/2017 2:33:15 PM	Vial:	46
Method:	ethanol quant.M	Sequence:	28Nov17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11Data\28Nov17\46.D		

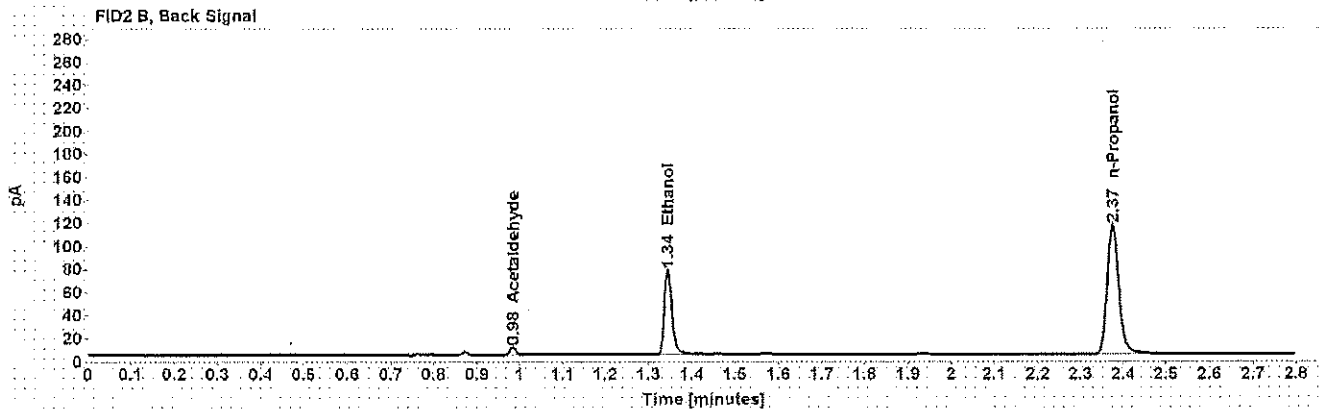
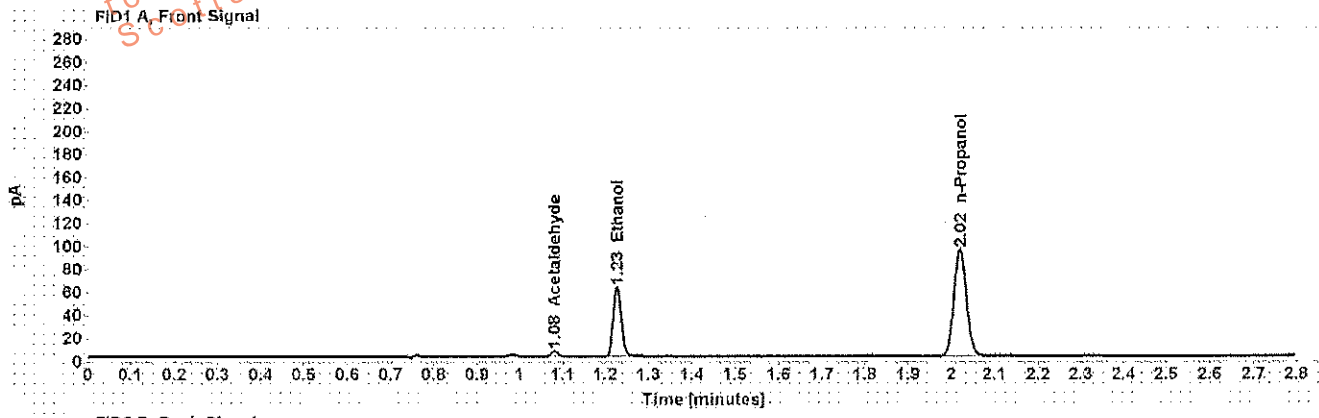


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.801
>Ethanol	0.1165	1.228	77.870
n-Propanol	-----	2.020	189.184

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.903
Ethanol	1.344	91.647
n-Propanol	2.375	217.355

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1147049
Injection date: 11/28/2017 2:37:15 PM	Vial: 47
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\28Nov17\47.D	

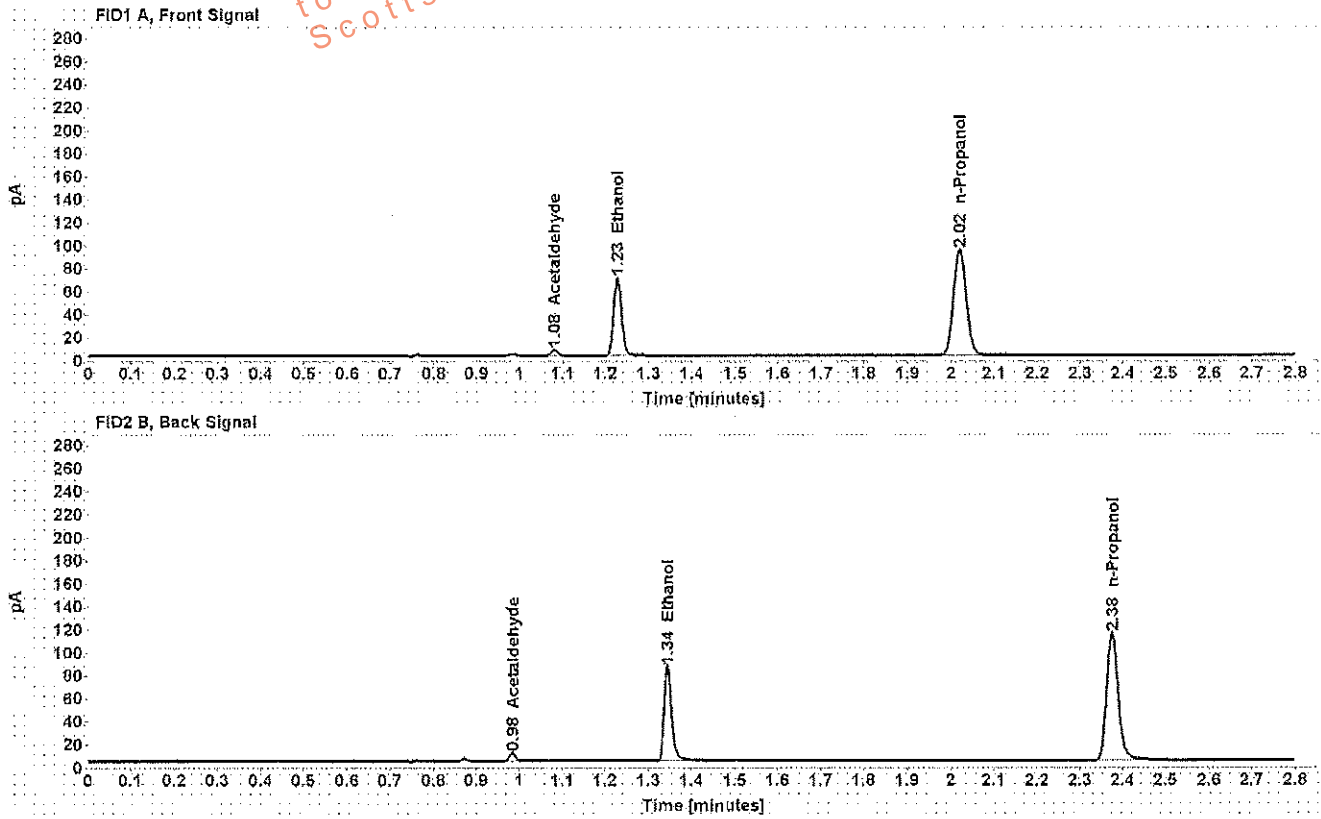


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.263
>Ethanol	0.1305	1.228	87.007
n-Propanol	-----	2.021	188.373

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.444
Ethanol	1.345	101.716
n-Propanol	2.376	215.122

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1147049
Injection date: 11/28/2017 2:41:15 PM	Vial: 48
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\28Nov17\48.D	

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 Scottsdale City Prosecutor's Office

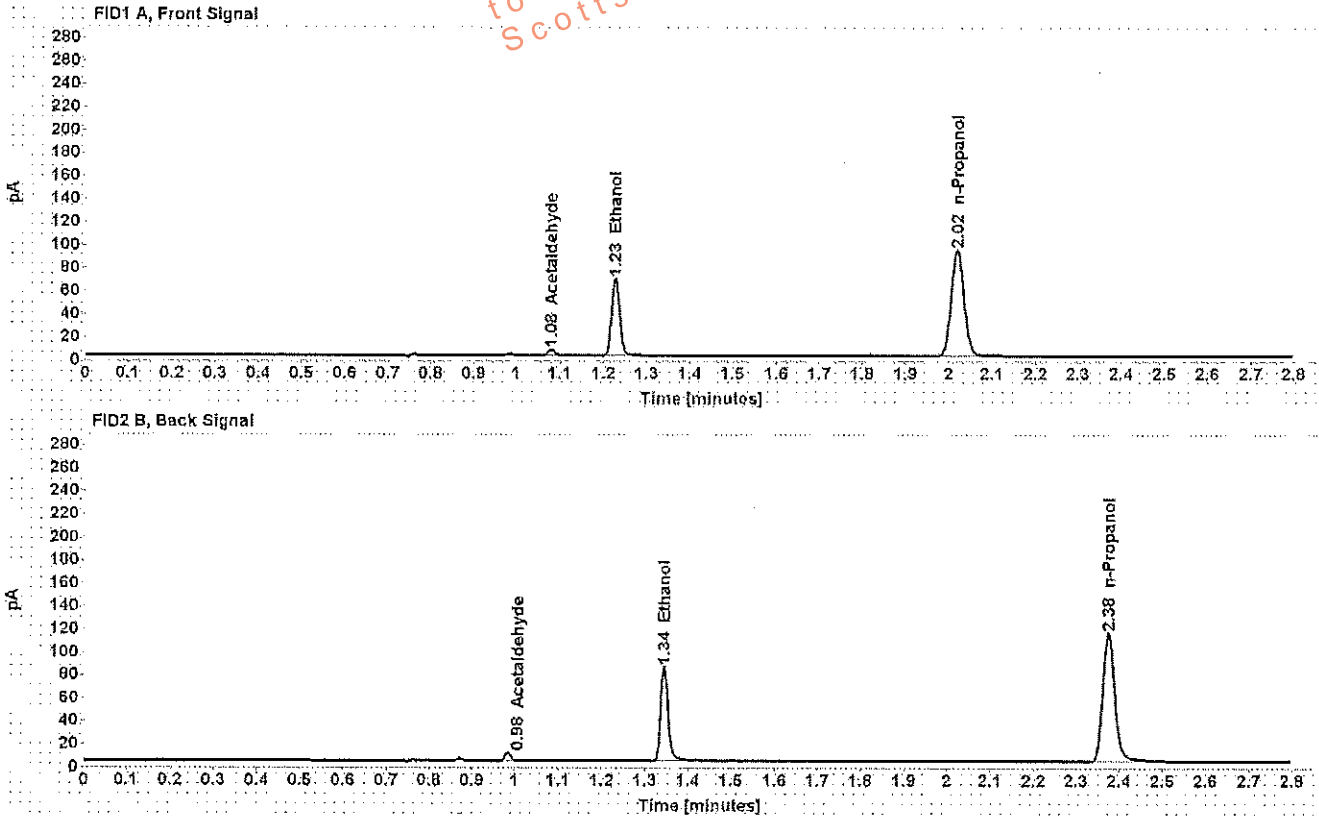


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.303
>Ethanol	0.1293	1.228	86.468
n-Propanol	-----	2.020	189.082

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.514
Ethanol	1.344	100.877
n-Propanol	2.375	215.799

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1159814
Injection date: 11/28/2017 2:45:30 PM	Vial: 49
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\28Nov17\49.D	

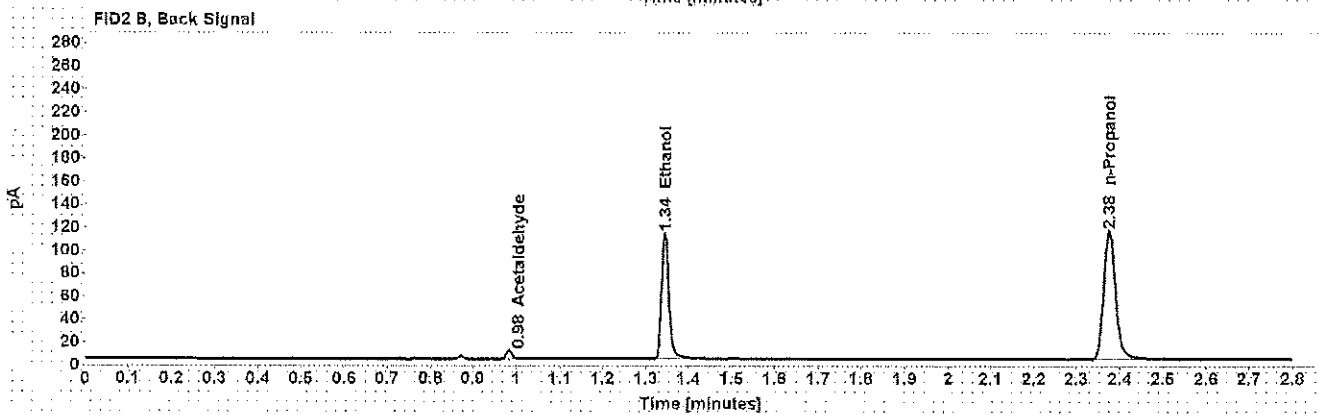
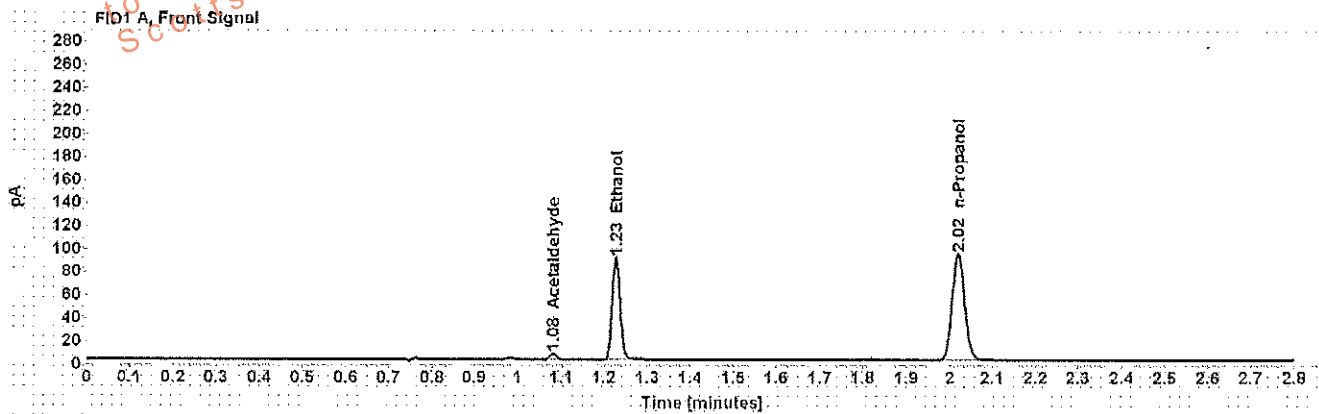


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	5.405
>Ethanol	0.1708	1.228	114.533
n-Propanol	-----	2.020	189.019

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.670
Ethanol	1.344	133.721
n-Propanol	2.375	216.442

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1159814
Injection date: 11/28/2017 2:49:30 PM	Vial: 50
Method: ethanol quant.M	Sequence: 28Nov17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\28Nov17\50.D	

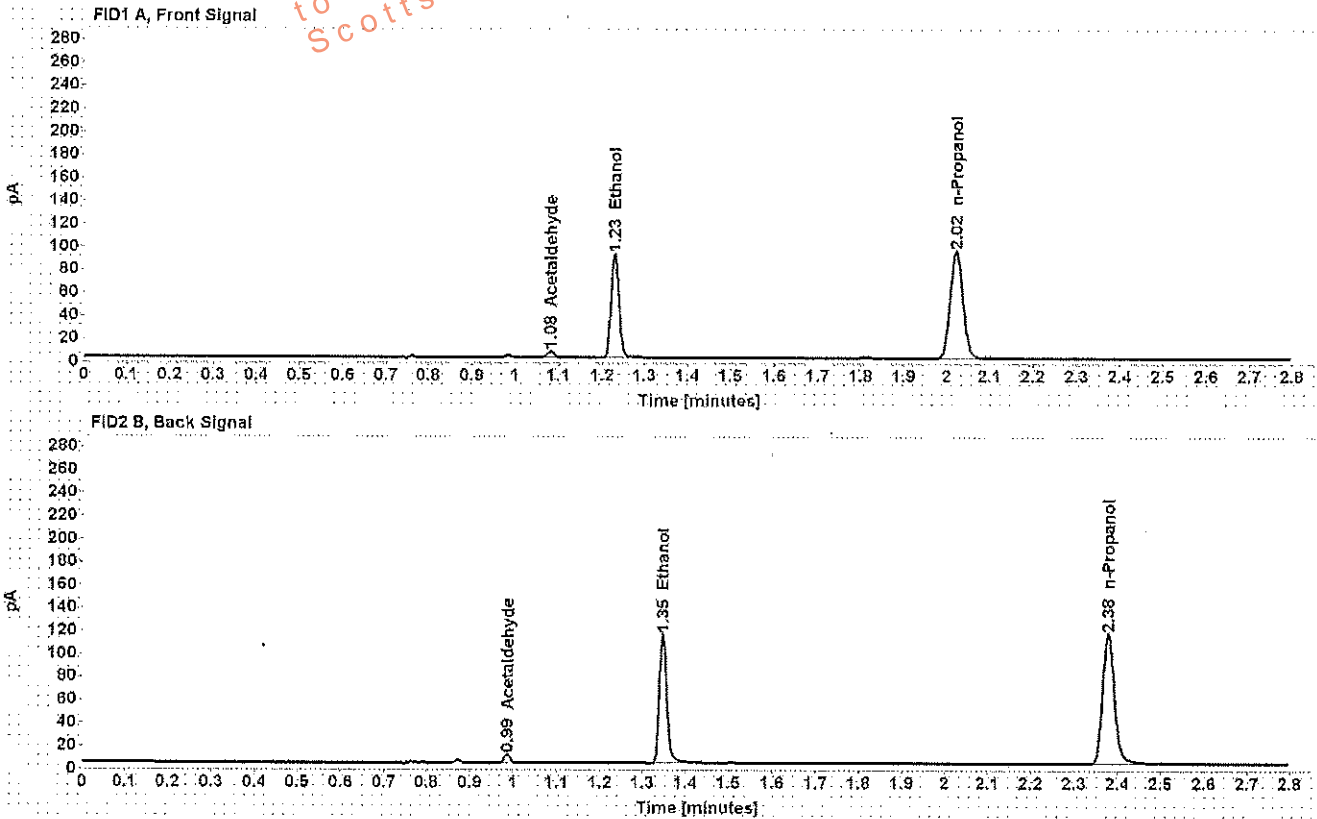


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.082	5.490
>Ethanol	0.1716	1.229	116.604
n-Propanol	-----	2.022	191.447

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	6.685
Ethanol	1.347	136.227
n-Propanol	2.378	219.055