

WA

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 1/23/2017 SEQUENCE NAME 23Jan17

EQUIPMENT

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

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN08101401 Coefficient of determination (r^2)
Vial 2 0.10 calibrator Lot FN06181501 0.99999
Vial 3 0.20 calibrator Lot FN07201502
Vial 4 0.40 calibrator Lot FN11191402

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 090816
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 053116WLA
7	Aqueous control	0.400 g/dL	0.398 g/dL	Lipomed 05012012-C
8	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 09022015-A
9	Blood control	0.200 g/dL	0.199 g/dL	ACQ 402101060/6
20	Aqueous control	0.080 g/dL	0.079 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.150 g/dL	Lipomed 11012012-C
42	Blood control	0.200 g/dL	0.199 g/dL	ACQ 402101060/6
45	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 05012012-C
46	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 09022015-A
47	Blood control	0.200 g/dL	0.201 g/dL	ACQ 402101060/6
48	Blank	Not detected	Not detected	SPD lab 090816

SUBJECT SAMPLES

Subjects in the sequence 16 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

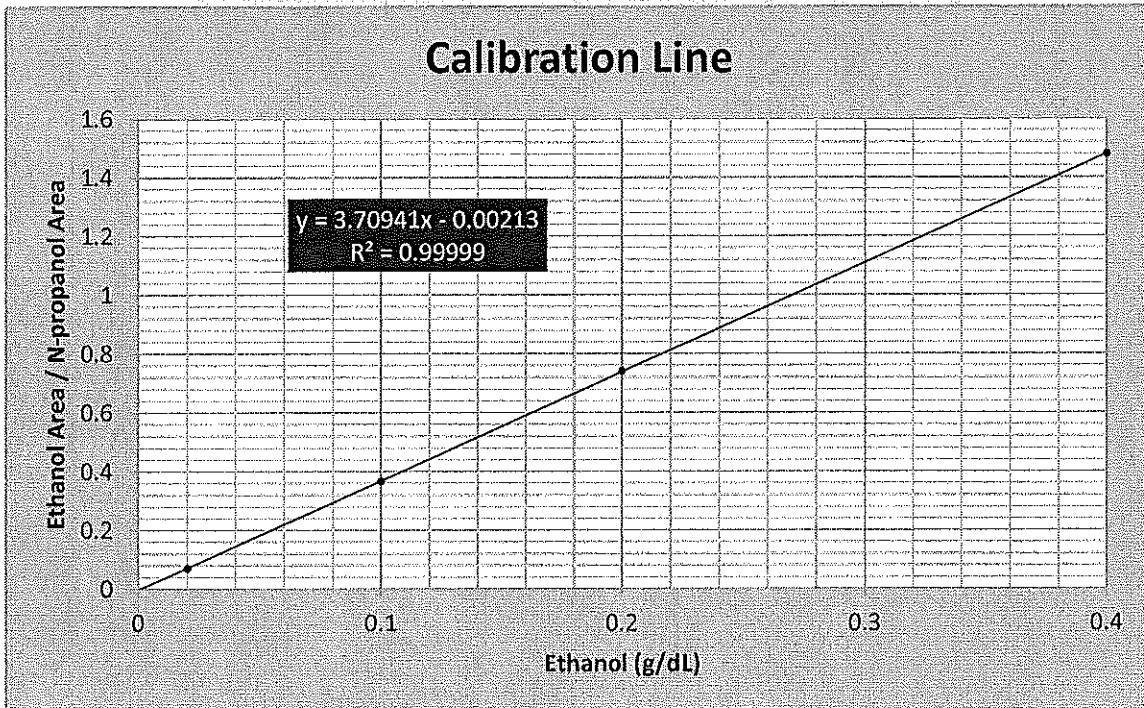
Run valid Run invalid B1570 WA Analyst
Run valid Run invalid Morgan 1/26/17 Technical Reviewer

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

SEQUENCE NAME: 23Jan17

Control	Vial	Expected Value (g/dl)	Measured Value (g/dl)	Percent Difference	Absolute Difference (g/dl)
1	1	negative	negative	-	-
2	7	0.400	0.398	0.50	-0.002
3	8	0.040	0.039	2.50	-0.001
4	5	0.200	0.199	0.50	-0.001
5	10	0.080	0.079	1.25	-0.001
6	31	0.150	0.150	0.00	0.000
7	42	0.200	0.199	0.50	-0.001
13	45	0.400	0.404	1.00	0.004
14	46	0.040	0.039	2.50	-0.001
15	47	0.200	0.201	0.50	0.001
16	48	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	10,527	147,597	0.071
0.100	53,687	145,866	0.368
0.200	108,581	146,284	0.742
0.400	216,053	145,923	1.481



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.020 Cerilliant FN08101401	Item number: WA
Injection date: 1/23/2017 3:16:49 PM	Vial: 1
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\23Jan17\23Jan171.D	

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Scottsdale City Prosecutor

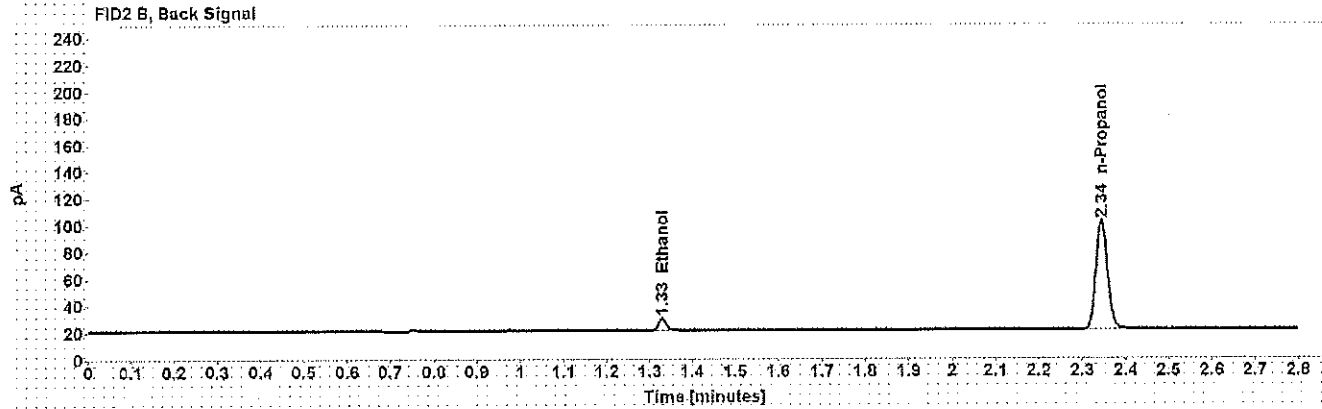
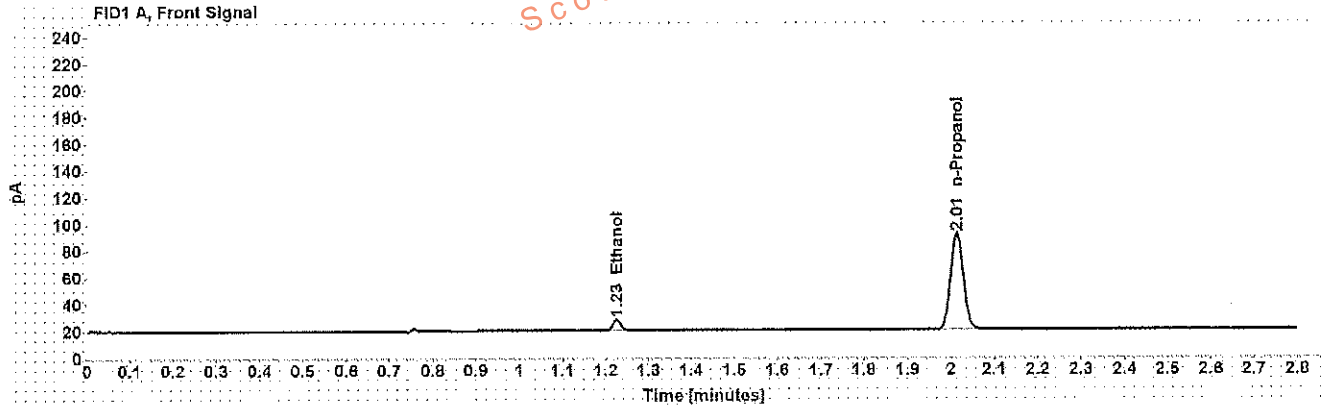


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.225	10.527
n-Propanol	2.014	147.597

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

Compound	Time (min)	Peak Area
Ethanol	1.329	10.548
n-Propanol	2.344	151.157

WA

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.100 Cerilliant FN06181501
 Injection date: 1/23/2017 3:20:49 PM
 Method: ethanol quant.M
 Instrument: US14173023 CN14160045
 Data file: C:\Chem321\1Data\23Jan17\23Jan17\2.D

Item number:
 Vial: 2
 Sequence: 23Jan17
 Analyst: Adrian

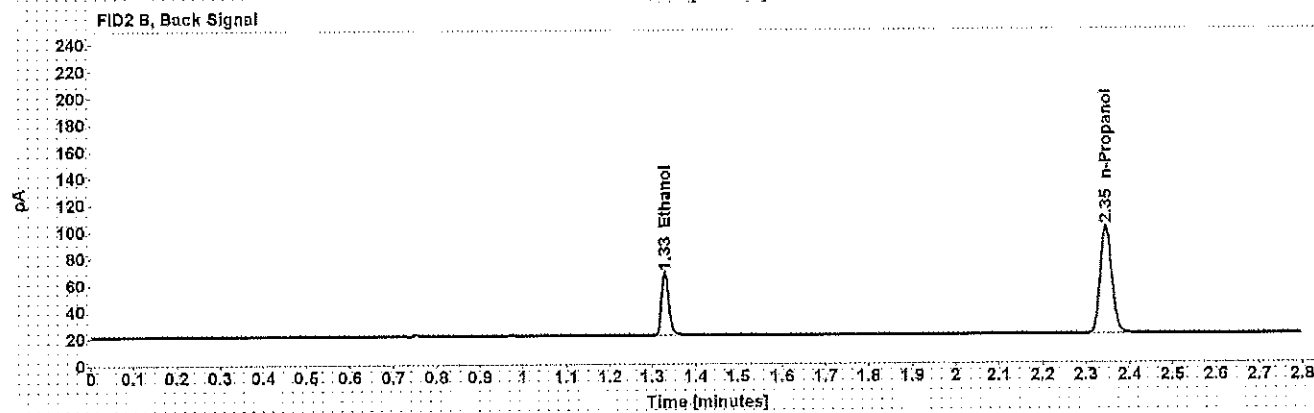
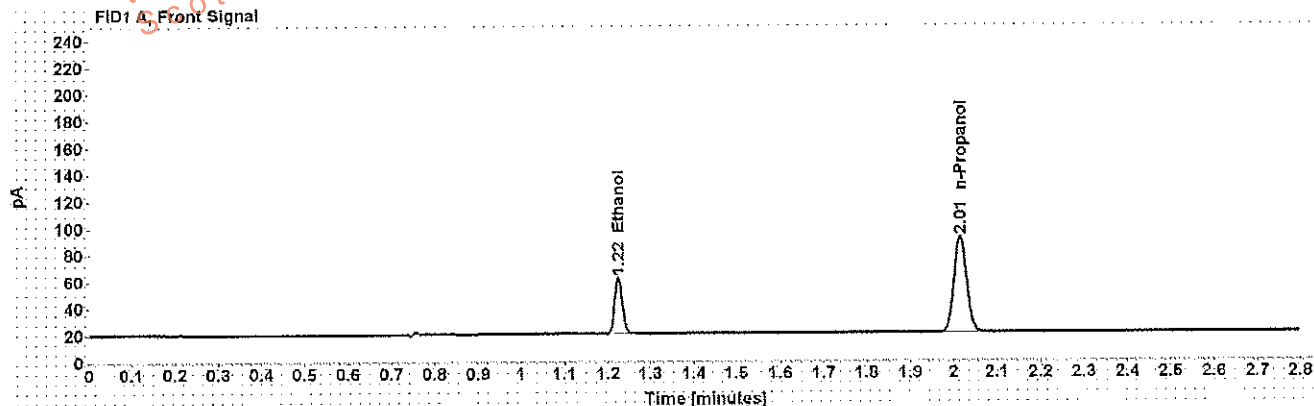


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.225	53.687
n-Propanol	2.015	145.866

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

Compound	Time (min)	Peak Area
Ethanol	1.328	54.851
n-Propanol	2.346	149.358

WA

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	0.200 Cerilliant FN07201502	Item number:	
Injection date:	1/23/2017 3:24:49 PM	Vial:	3
Method:	ethanol quant.M	Sequence:	23Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\23Jan17\23Jan1713.D		

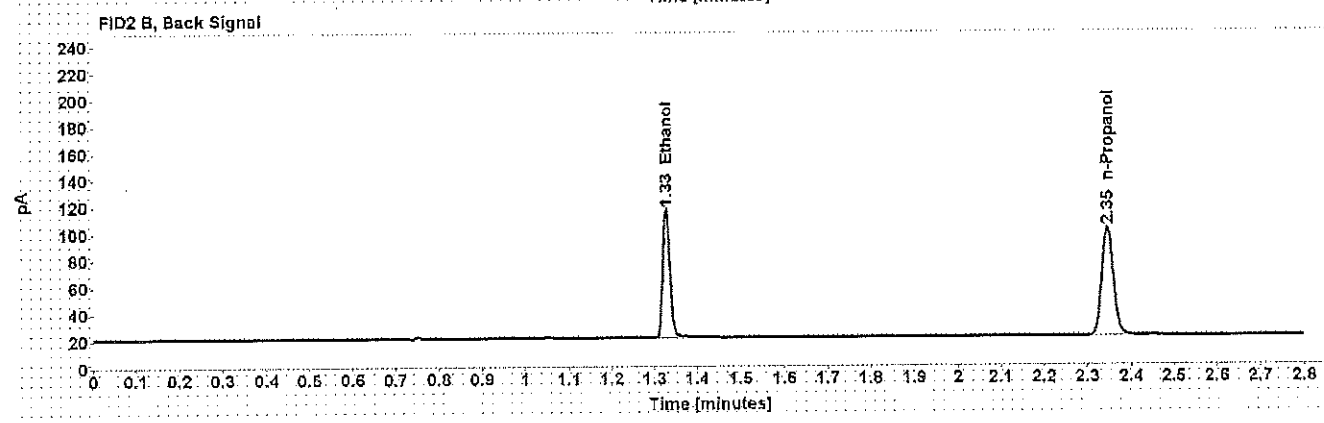
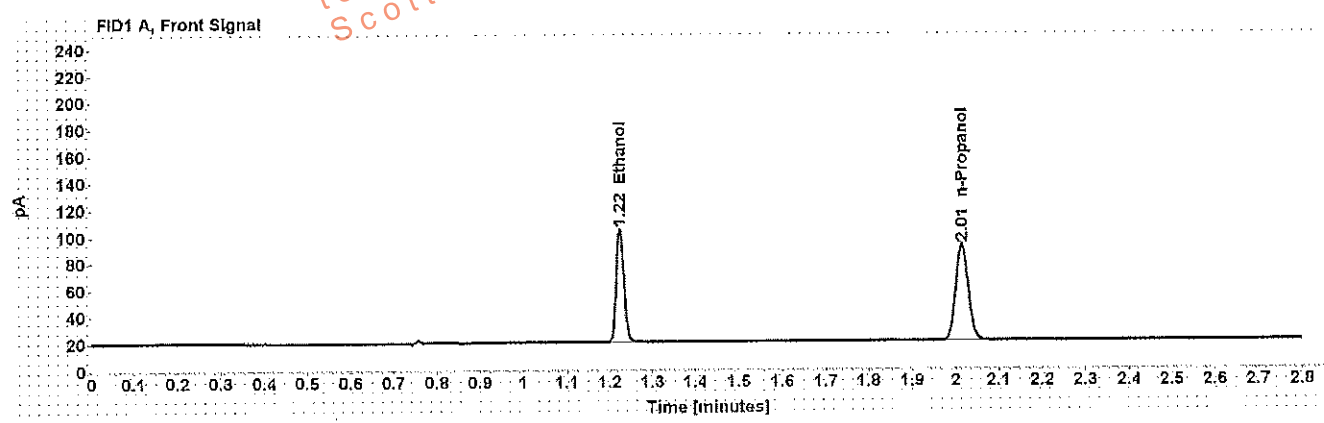


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	108.581
n-Propanol	2.015	146.284

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

Compound	Time (min)	Peak Area
Ethanol	1.328	111.266
n-Propanol	2.346	150.092

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: 0.400 Cerilliant FN11191402	Item number:
Injection date: 1/23/2017 3:28:49 PM	Vial: 4
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\23Jan17\23Jan1714.D	

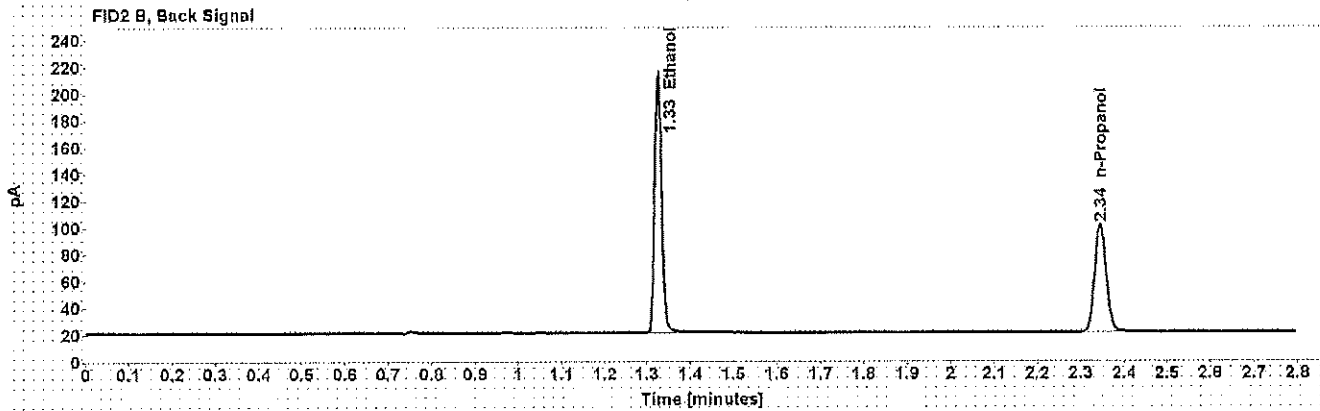
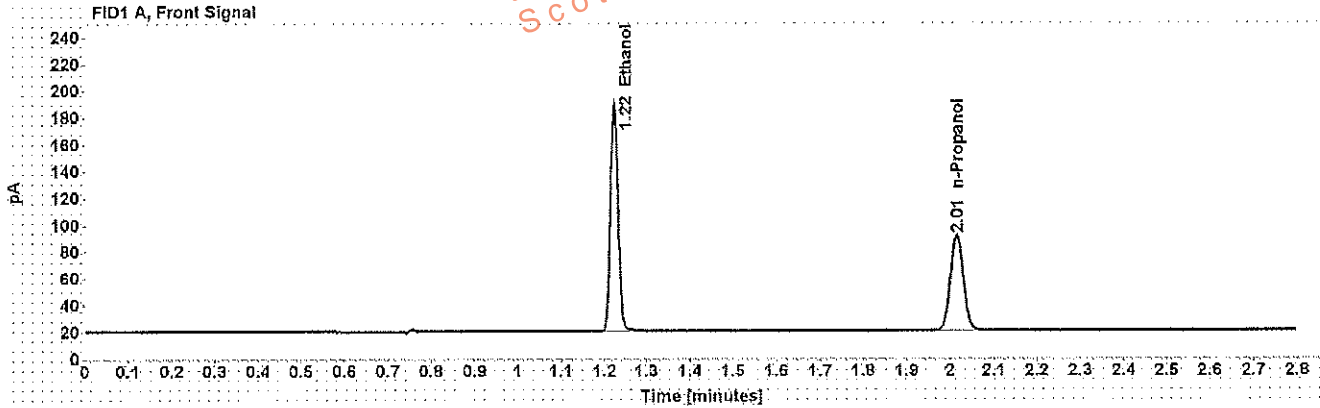


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.223	216.053
n-Propanol	2.014	145.923

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

Compound	Time (min)	Peak Area
Ethanol	1.326	223.159
n-Propanol	2.345	149.538

WA

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	blank 090816	Item number:	
Injection date:	1/23/2017 3:32:50 PM	Vial:	5
Method:	ethanol quant.M	Sequence:	23Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\23Jan17\23Jan17\5.D		

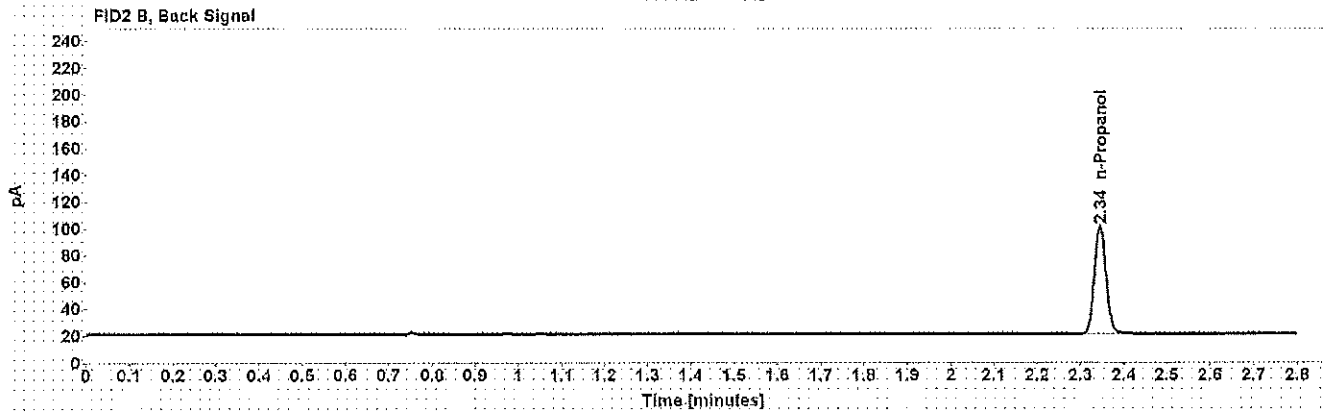
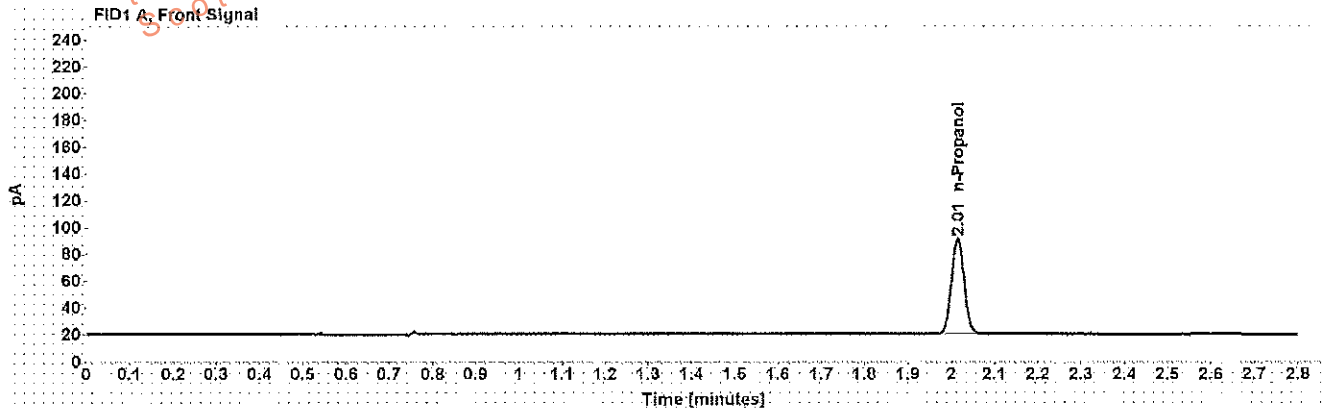


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	146.279

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

Compound	Time (min)	Peak Area
n-Propanol	2.345	149.866

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Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: volatiles mix 053116 WLA	Item number:
Injection date: 1/23/2017 3:36:50 PM	Vial: 6
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Dat\23Jan17\23Jan1716.D	

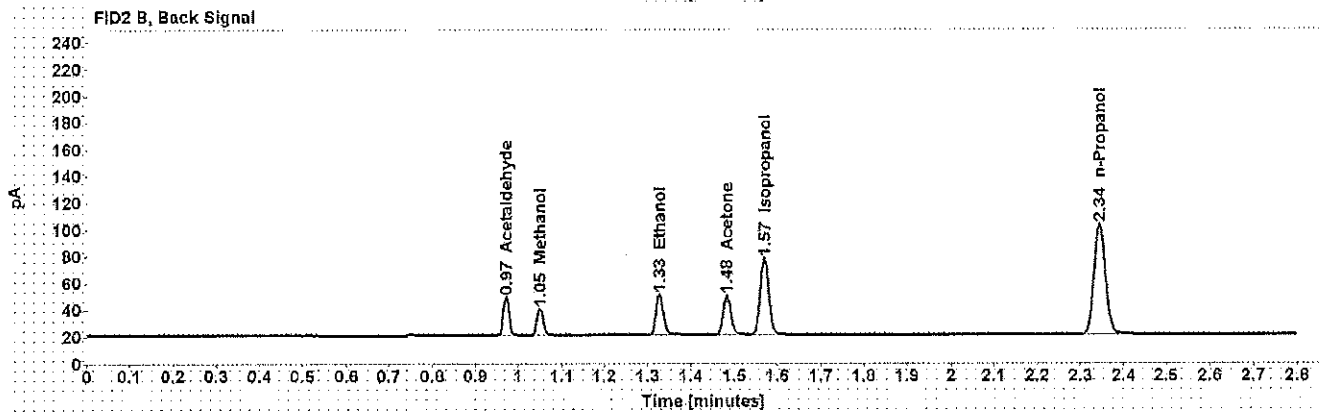
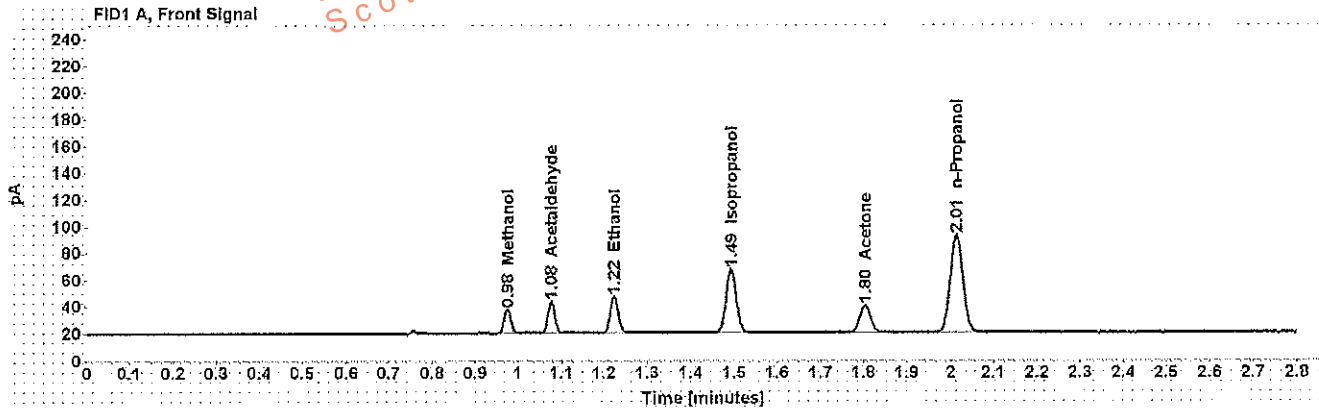


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.976	20.150
Acetaldehyde	-----	1.077	26.284
>Ethanol	0.0638	1.224	35.046
Isopropanol	-----	1.493	78.174
Acetone	-----	1.803	36.350
n-Propanol	-----	2.014	149.497

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.971	27.600
Methanol	1.050	20.489
Ethanol	1.327	35.616
Acetone	1.482	36.995
Isopropanol	1.569	80.748
n-Propanol	2.344	153.179

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.400 Lipomed 05012012-C	Item number:
Injection date: 1/23/2017 3:41:04 PM	Vial: 7
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\23Jan17\23Jan17.D	

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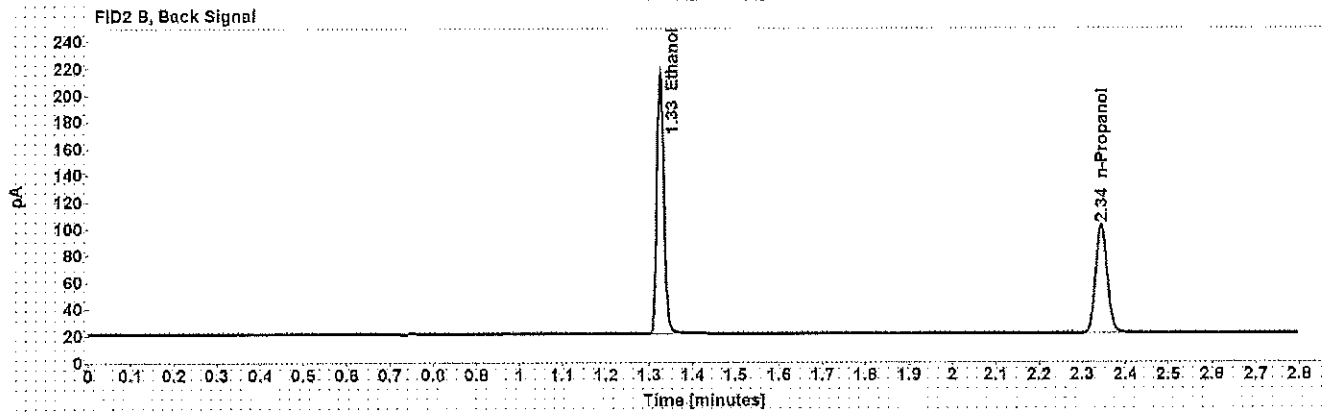
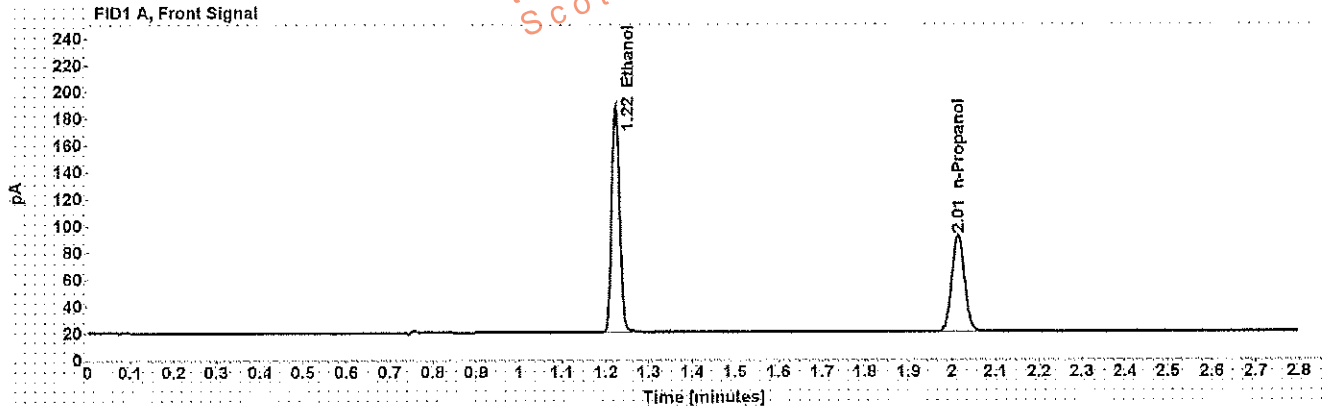


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3982	1.223	217.227
n-Propanol	-----	2.014	147.260

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

Compound	Time (min)	Peak Area
Ethanol	1.325	223.722
n-Propanol	2,344	150.902

WA

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.040 Lipomed 09022015-A **Item number:**
Injection date: 1/23/2017 3:45:04 PM **Vial:** 8
Method: ethanol quant.M **Sequence:** 23Jan17
Instrument: US14173023 CN14160045 **Analyst:** Adrian
Data file: C:\Chem32\1\Data\23Jan17\23Jan17\8.D

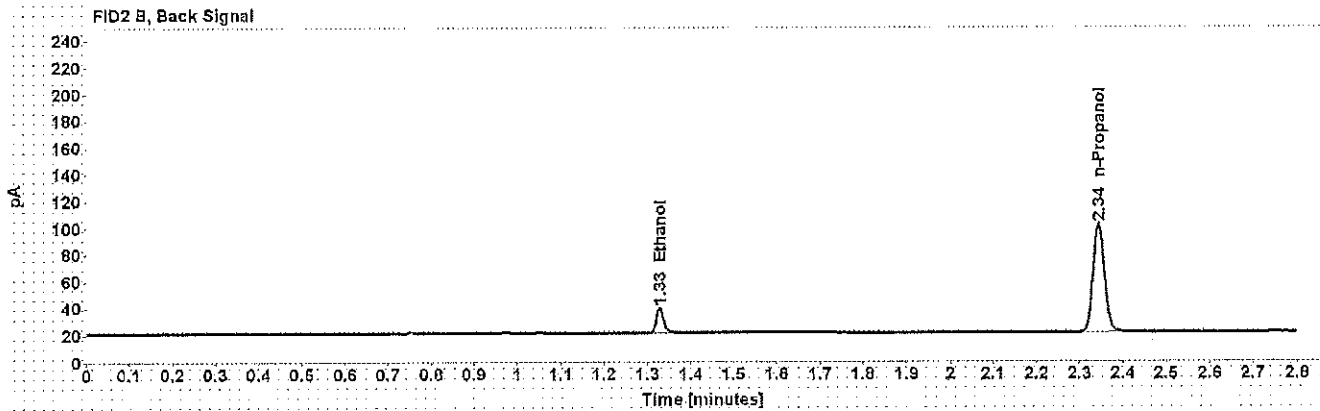
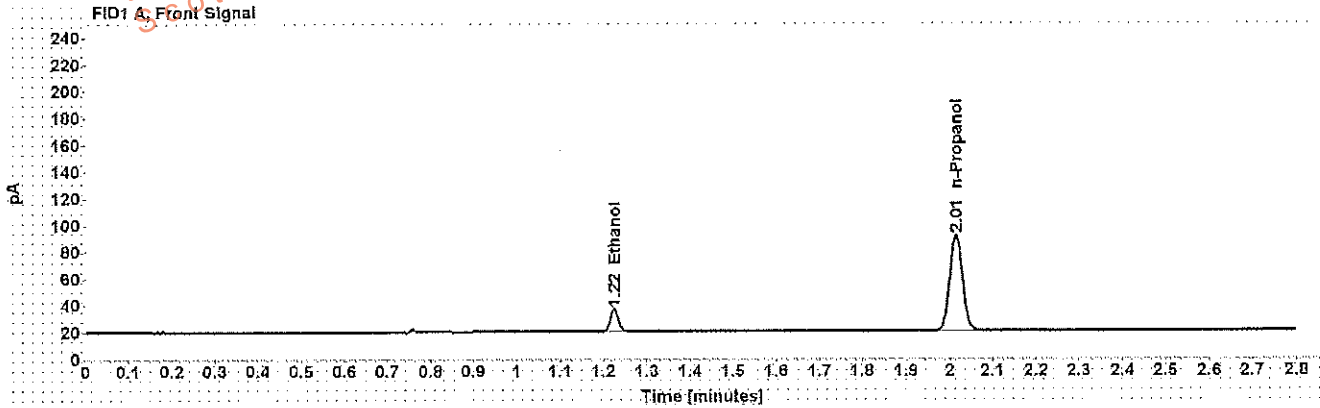


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0396	1.225	21.212
n-Propanol	-----	2.014	146.708

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

Compound	Time (min)	Peak Area
Ethanol	1.328	21.549
n-Propanol	2.345	150.359

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Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	0.20 ACQ 402101060/6	Item number:	
Injection date:	1/23/2017 3:49:04 PM	Vial:	9
Method:	ethanol quant.M	Sequence:	23Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
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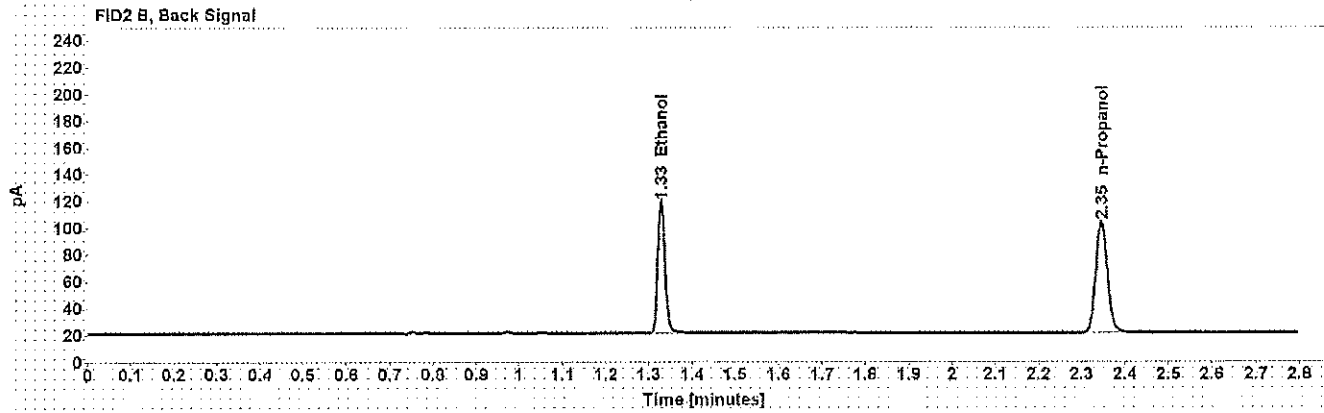
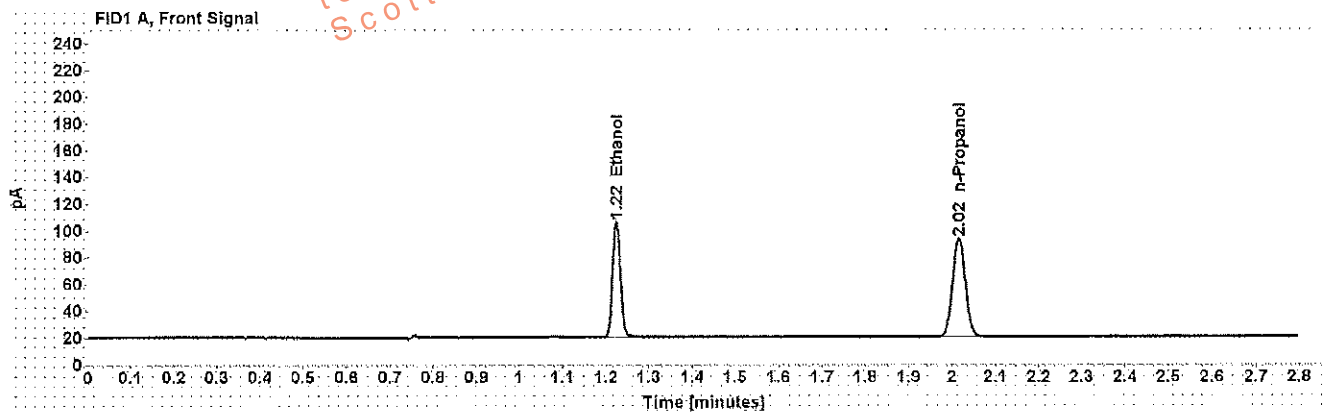


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1995	1.225	110.743
n-Propanol	-----	2.015	150.107

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

Compound	Time (min)	Peak Area
Ethanol	1.328	113.764
n-Propanol	2.346	154.179

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 1/23/2017 4:33:34 PM	Vial: 20
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\23Jan17\23Jan17120.D	

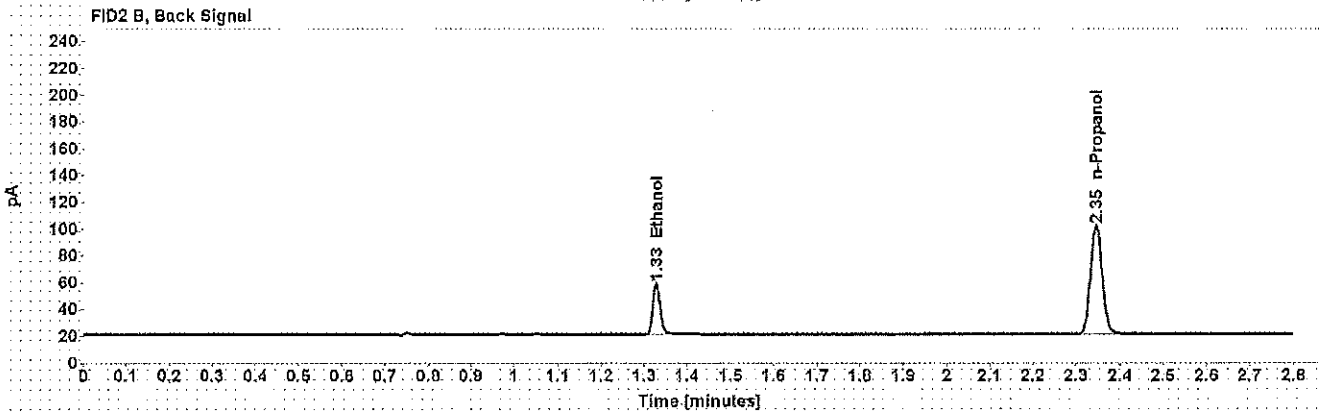
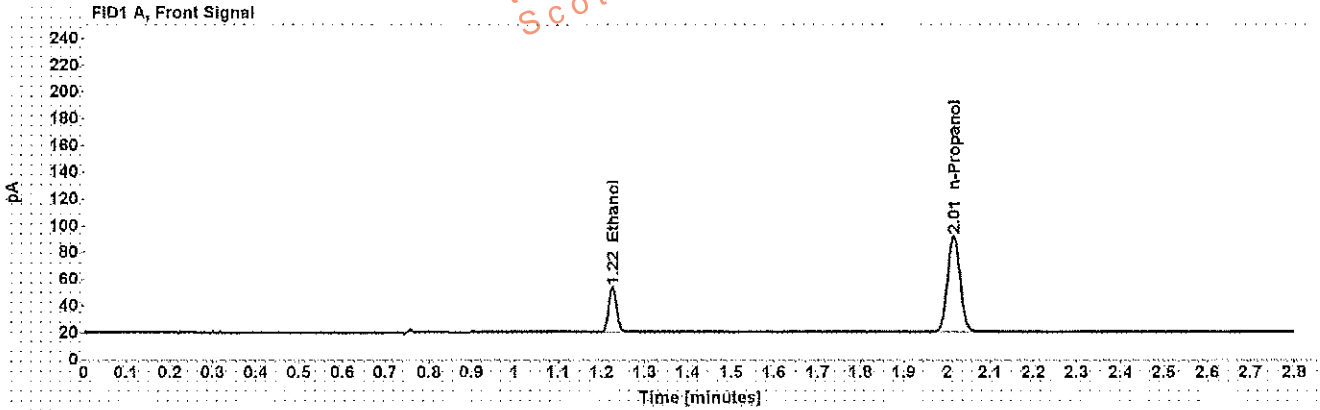


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0795	1.225	43.015
n-Propanol	-----	2.015	146.874

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

Compound	Time (min)	Peak Area
Ethanol	1.328	43.981
n-Propanol	2.346	151.107

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.150 Lipomed 11012012-C	Item number:
Injection date: 1/23/2017 5:18:04 PM	Vial: 31
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\23Jan17\23Jan17\31.D	

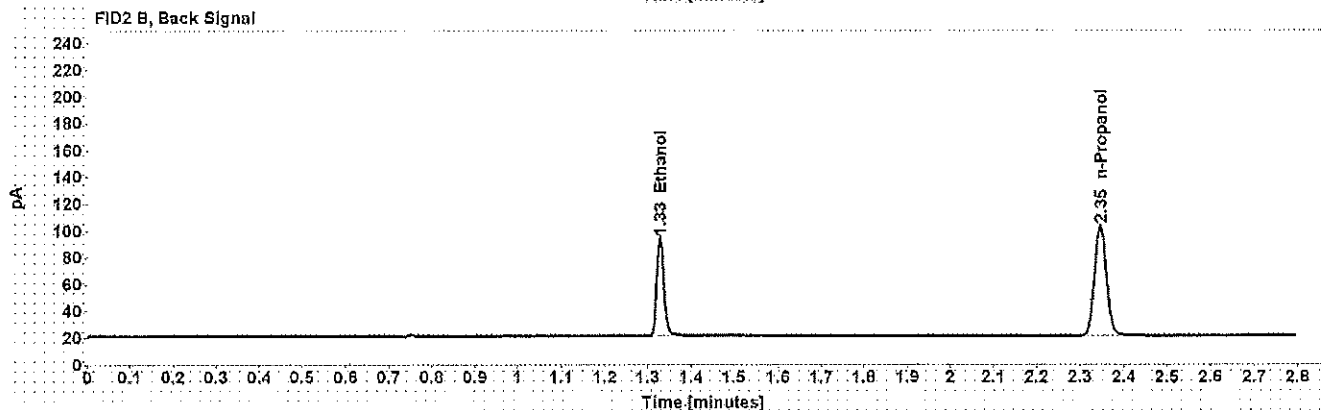
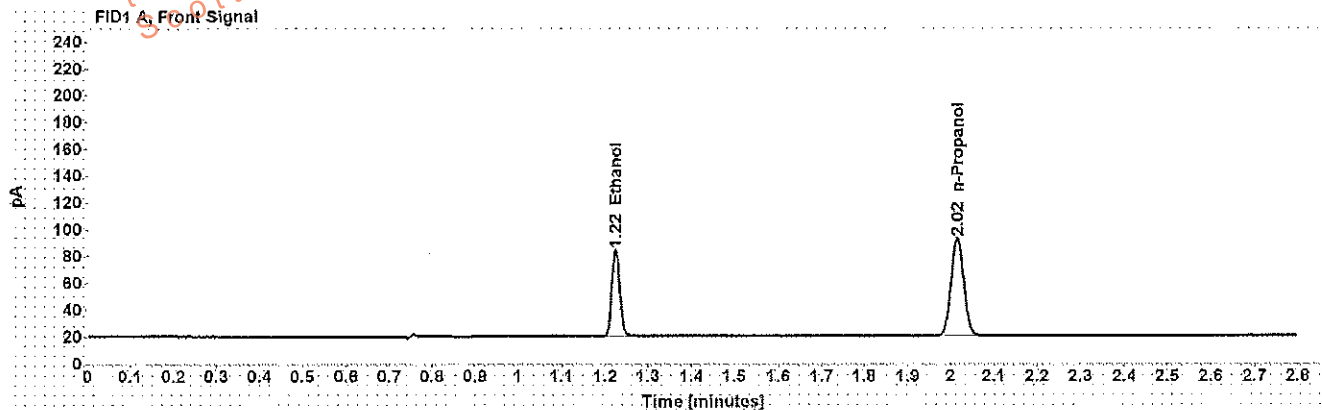


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1500	1.225	82.331
n-Propanol	-----	2.015	148.501

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

Compound	Time (min)	Peak Area
Ethanol	1.328	84.953
n-Propanol	2.346	152.928

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0.20 ACQ 402101060/6	Item number:	
Injection date:	1/23/2017 6:02:19 PM	Vial:	42
Method:	ethanol quant.M	Sequence:	23Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\23Jan17\23Jan17142.D		

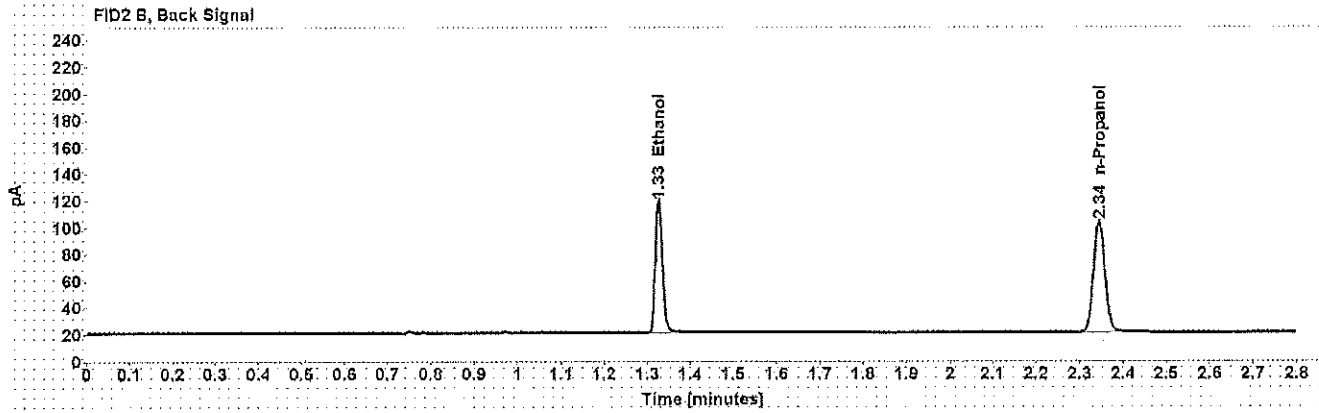
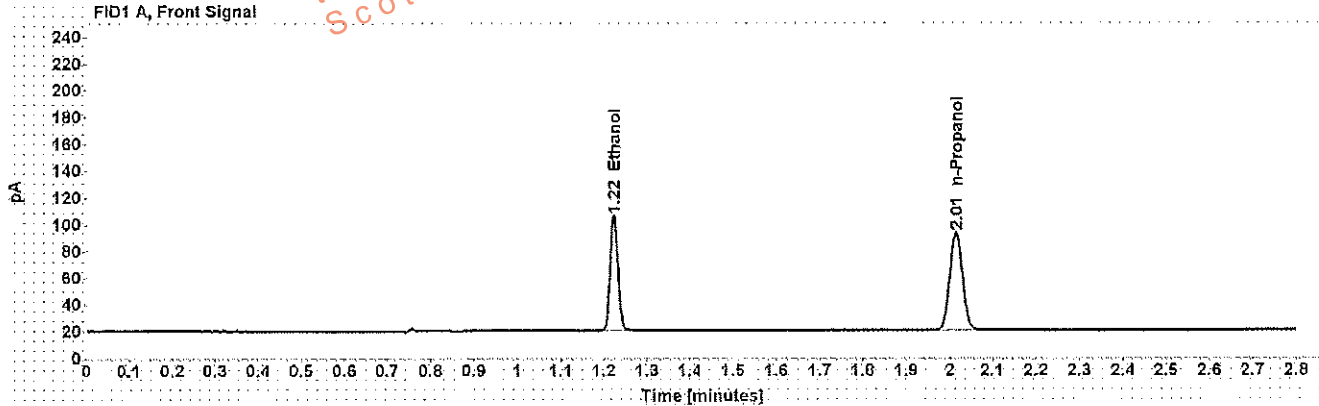


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1996	1.224	110.470
n-Propanol	-----	2.014	149.608

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

Compound	Time (min)	Peak Area
Ethanol	1.326	114.036
n-Propanol	2.344	154.519

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.40 Lipomed 05012012-C	Item number: _____
Injection date: 1/23/2017 6:14:34 PM	Vial: 45
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\23Jan17\23Jan17_45.D	

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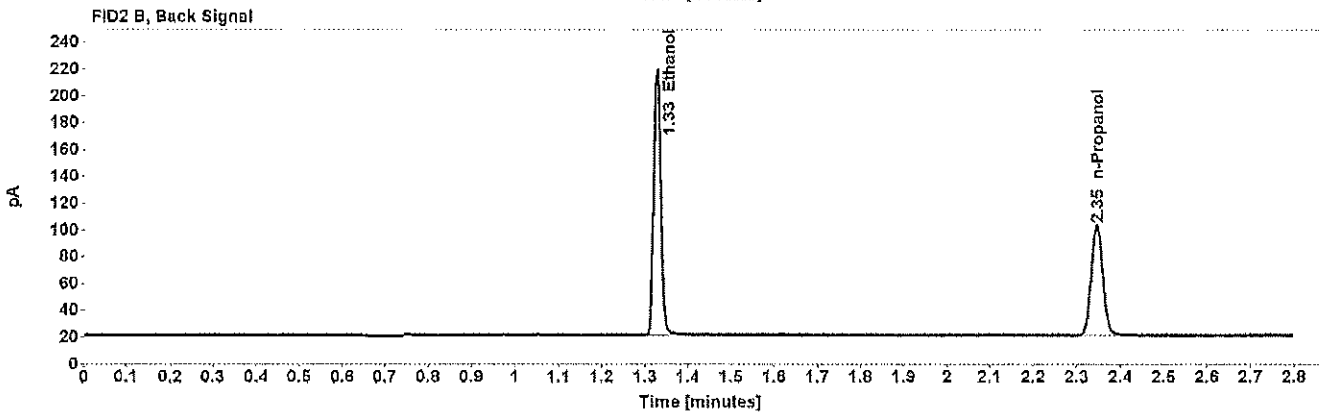
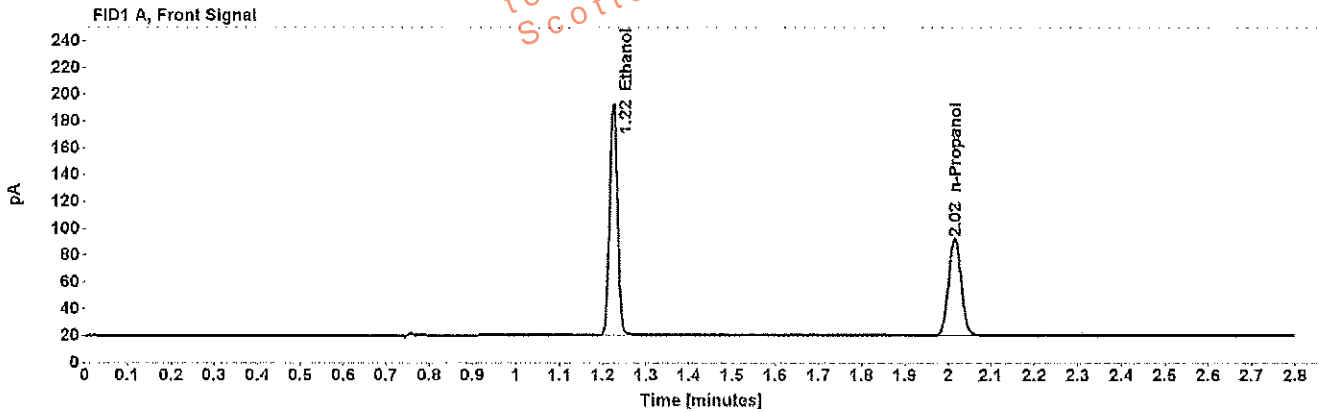


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4040	1.224	221.834
n-Propanol	-----	2.015	148.235

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

Compound	Time (min)	Peak Area
Ethanol	1.328	229.492
n-Propanol	2.346	153.106

WA

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.04 Lipomed 09022015-A **Item number:**
Injection date: 1/23/2017 6:18:34 PM **Vial:** 46
Method: ethanol quant.M **Sequence:** 23Jan17
Instrument: US14173023 CN14160045 **Analyst:** Adrian
Data file: C:\Chem3211\Data\23Jan17\23Jan17\46.D

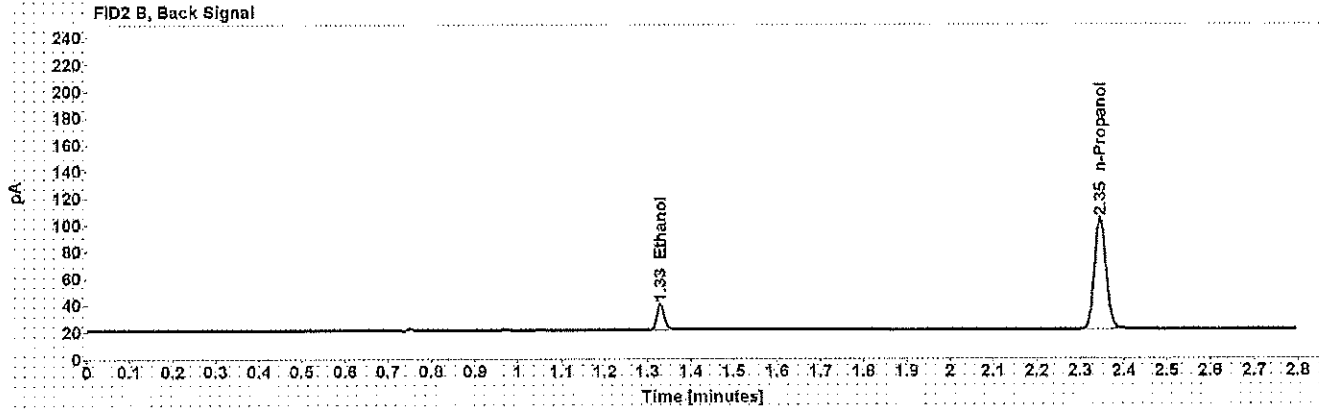
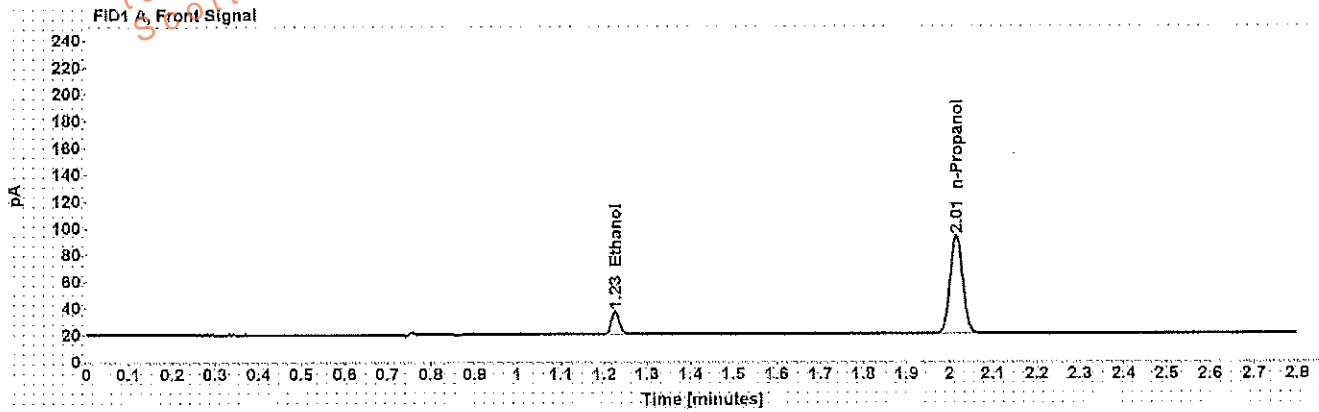


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0399	1.225	21.860
n-Propanol	-----	2.015	149.735

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

Compound	Time (min)	Peak Area
Ethanol	1.329	22.314
n-Propanol	2.346	154.617

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.20 ACQ 402101060/6 **Item number:**
Injection date: 1/23/2017 6:22:34 PM **Vial:** 47
Method: ethanol quant.M **Sequence:** 23Jan17
Instrument: US14173023 CN14160045 **Analyst:** Adrian
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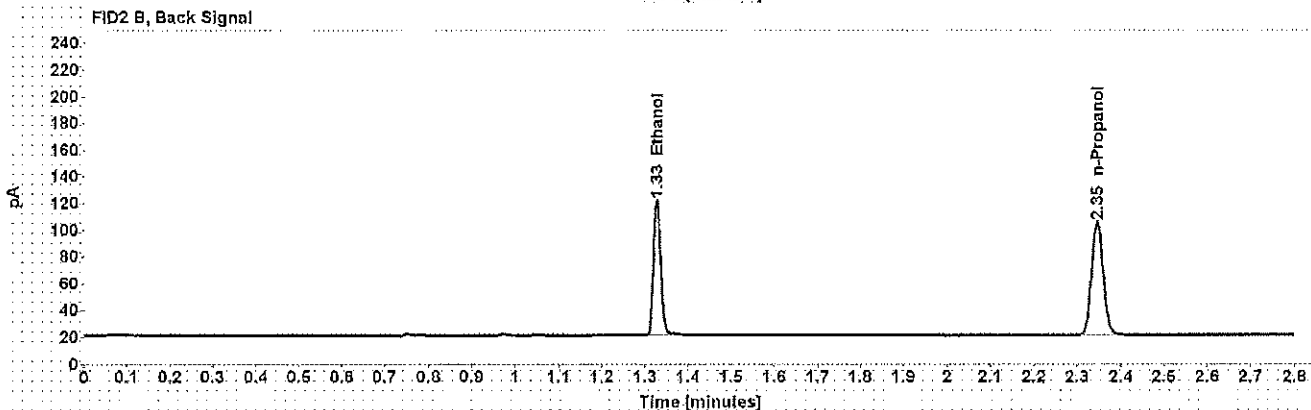
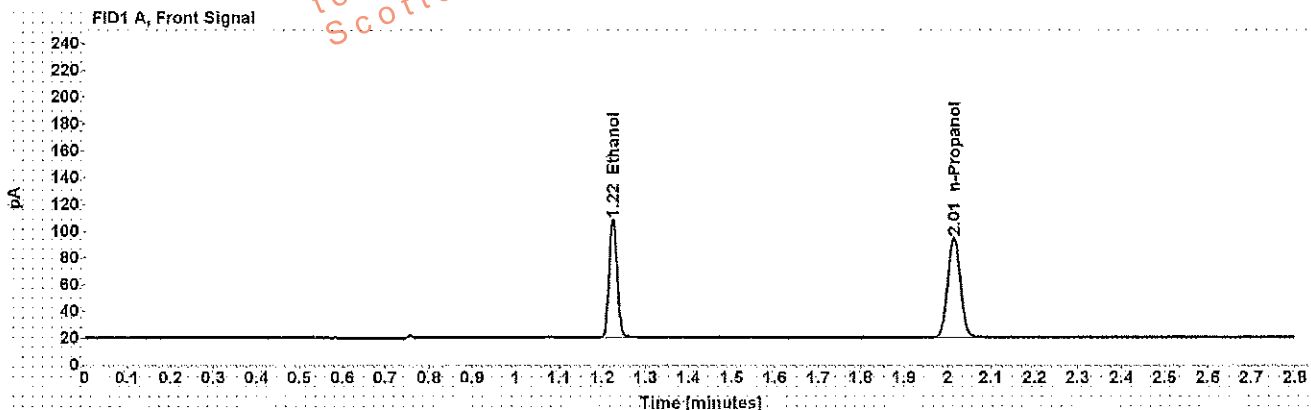


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2011	1.224	113.375
n-Propanol	-----	2.015	152.452

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

Compound	Time (min)	Peak Area
Ethanol	1.327	117.088
n-Propanol	2.346	157.384

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 090816	Item number: 48
Injection date: 1/23/2017 6:26:34 PM	Vial: 48
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\23Jan17\23Jan17\48.D	

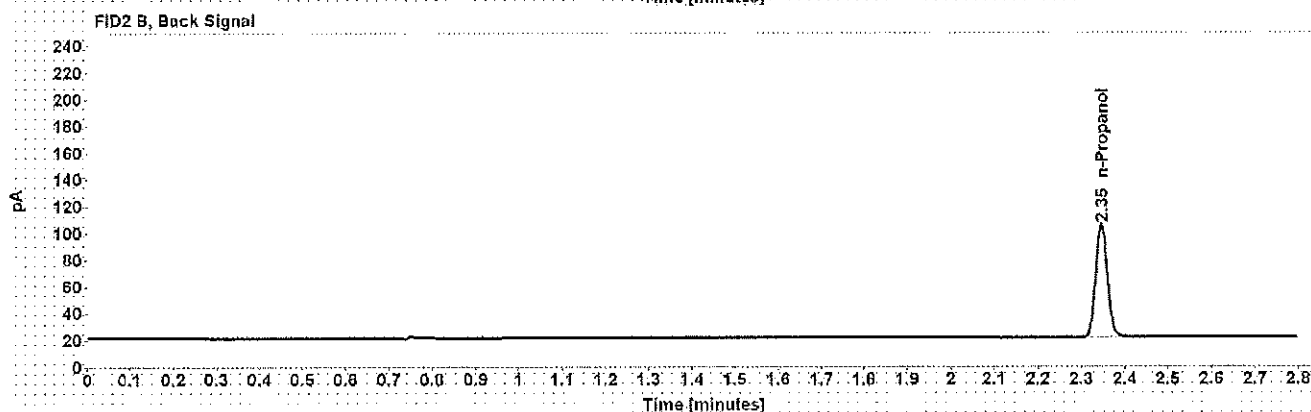
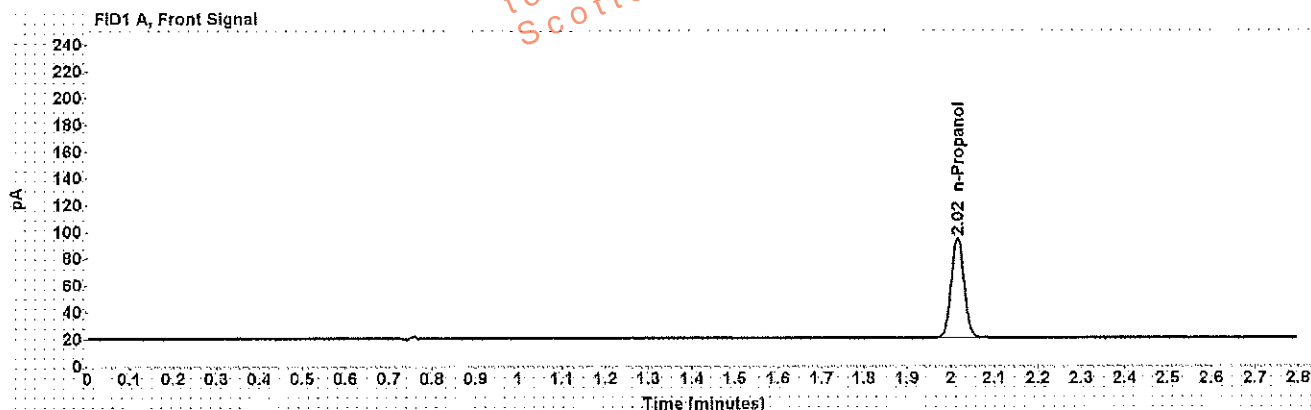


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	152.559

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

Compound	Time (min)	Peak Area
n-Propanol	2.346	157.508

Sequence Summary

WA

Sequence name: 23Jan17 Instrument: US14173023 CN14160045 Analyst: Adrian

Vial	Sample	Type	Item Number	Method
1	0.020 Cerilliant FN08101401	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 090816	Control		ethanol quant.M
6	volatiles mix 053116 WLA	Control		ethanol quant.M
7	0.400 Lipomed 05012012-C	Control		ethanol quant.M
8	0.040 Lipomed 09022015-A	Control		ethanol quant.M
9	0.20 ACQ 402101060/6	Control		ethanol quant.M
10		Sample	1107963	ethanol quant.M
11		Sample	1107963	ethanol quant.M
12		Sample	1127732	ethanol quant.M
13		Sample	1127732	ethanol quant.M
14		Sample	1128870	ethanol quant.M
15		Sample	1128870	ethanol quant.M
16		Sample	1128168	ethanol quant.M
17		Sample	1128168	ethanol quant.M
18		Sample	1128314	ethanol quant.M
19		Sample	1128314	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21		Sample	1127280	ethanol quant.M
22		Sample	1127280	ethanol quant.M
23		Sample	1127611	ethanol quant.M
24		Sample	1127611	ethanol quant.M
25		Sample	1128905	ethanol quant.M
26		Sample	1128905	ethanol quant.M
27		Sample	1128895	ethanol quant.M
28		Sample	1128895	ethanol quant.M
29		Sample	1120509	ethanol quant.M
30		Sample	1120509	ethanol quant.M
31	0.150 Lipomed 11012012-C	Control		ethanol quant.M
32		Sample	1120405	ethanol quant.M
33		Sample	1120405	ethanol quant.M
34		Sample	1129822	ethanol quant.M
35		Sample	1129822	ethanol quant.M
36		Sample	1130711	ethanol quant.M
37		Sample	1130711	ethanol quant.M
38		Sample	1130727	ethanol quant.M
39		Sample	1130727	ethanol quant.M
40		Sample	1107693	ethanol quant.M
41		Sample	1107693	ethanol quant.M
42	0.20 ACQ 402101060/6	Control		ethanol quant.M
43		Sample	1129972	ethanol quant.M
44		Sample	1129972	ethanol quant.M
45	0.40 Lipomed 05012012-C	Control		ethanol quant.M
46	0.04 Lipomed 09022015-A	Control		ethanol quant.M
47	0.20 ACQ 402101060/6	Control		ethanol quant.M

Sequence Summary

WA

48	blank 090816	Control	ethanol quant.M
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SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY
 SEQUENCE SUMMARY OF CASES

SEQUENCE NAME: 23Jan17

Wads	Test 1 (µs/l)	Test 2 (µs/l)	Mean (µs/l)	Standard Deviation (µs/l)	Absolute Difference (µs/l)
10 11	0.1604	0.1604	0.1604	0.0000	0.0000
12 13	0.1771	0.1771	0.1771	0.0000	0.0000
14 15	0.1771	0.1771	0.1771	0.0000	0.0000
16 17	0.1677	0.1677	0.1677	0.0000	0.0000
18 19	0.1604	0.1604	0.1604	0.0000	0.0000
21 21	0.1645	0.1645	0.1645	0.0000	0.0000
23 24	0.1645	0.1645	0.1645	0.0000	0.0000
25 26	0.1781	0.1781	0.1781	0.0000	0.0000
27 28	0.1714	0.1714	0.1714	0.0000	0.0000
29 30	0.1604	0.1604	0.1604	0.0000	0.0000
31 32	0.1645	0.1645	0.1645	0.0000	0.0000
34 35	0.1720	0.1720	0.1720	0.0000	0.0000
36 37	0.1604	0.1604	0.1604	0.0000	0.0000
38 39	0.1645	0.1645	0.1645	0.0000	0.0000
40 41	0.1771	0.1771	0.1771	0.0000	0.0000
43 44	0.1677	0.1677	0.1677	0.0000	0.0000

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1107963
Injection date: 1/23/2017 3:53:04 PM	Vial: 10
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\23Jan17\23Jan17\10.D	

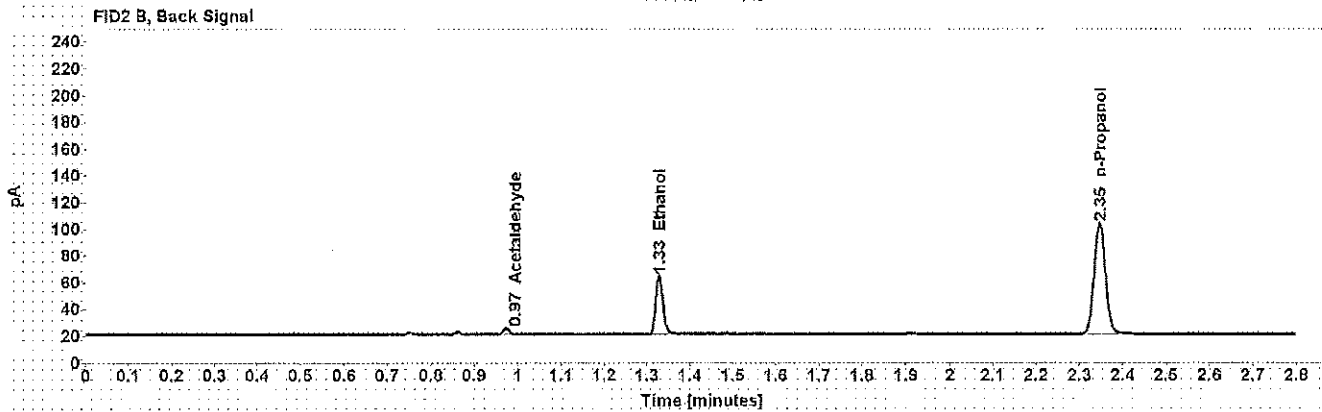
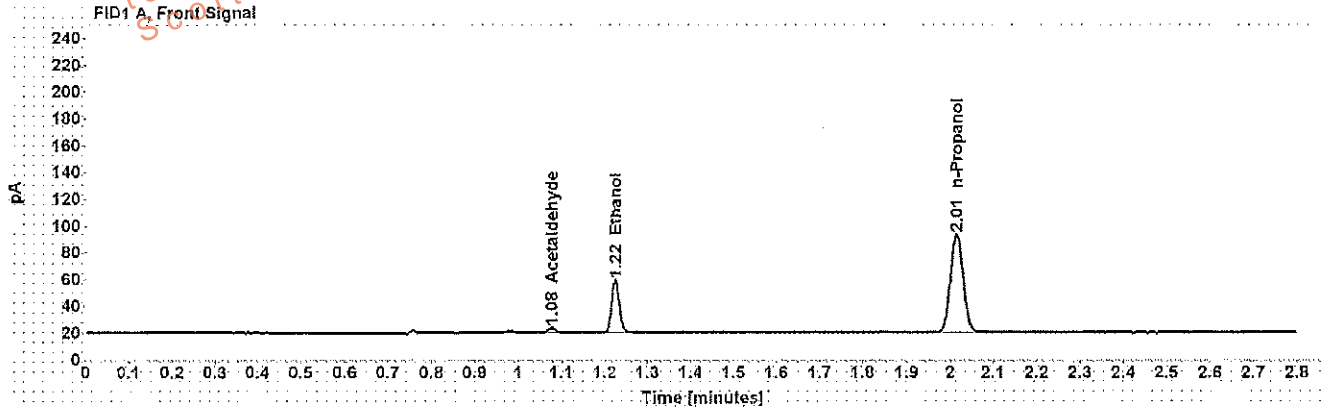


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.884
>Ethanol	0.0898	1.225	49.702
n-Propanol	-----	2.015	150.106

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.176
Ethanol	1.328	50.829
n-Propanol	2.346	154.425

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1107963
Injection date:	1/23/2017 3:57:05 PM	Vial:	11
Method:	ethanol quant.M	Sequence:	23Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\23Jan17\23Jan1711.D		

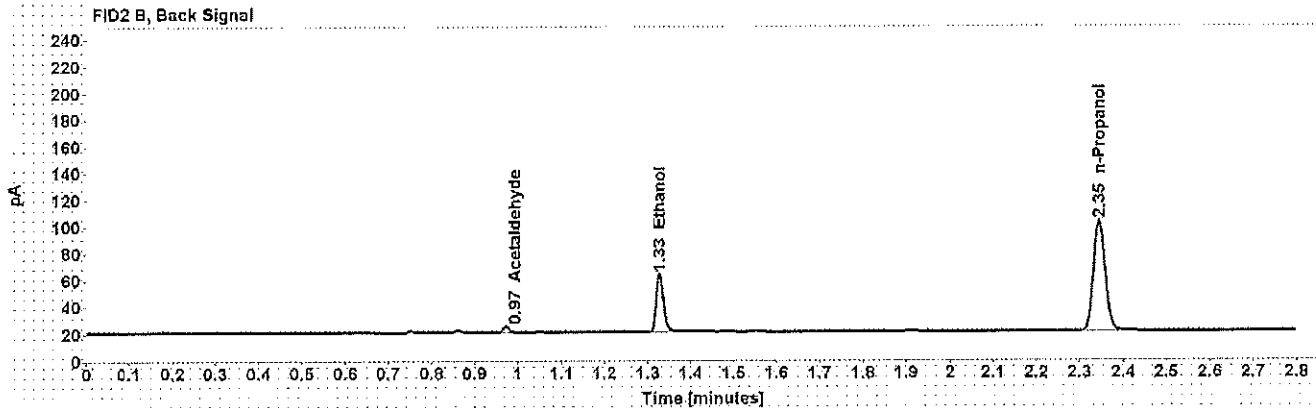
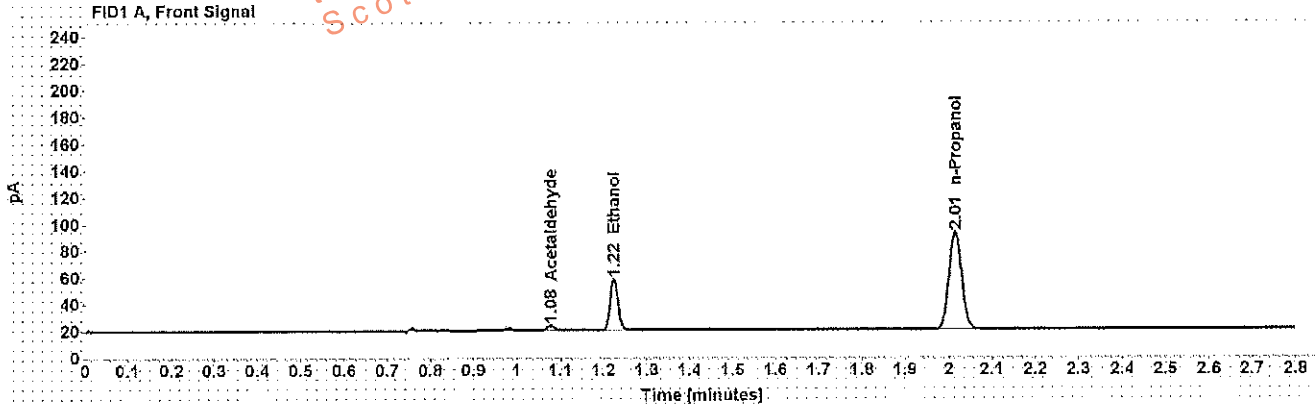


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.013
>Ethanol	0.0899	1.225	49.252
n-Propanol	-----	2.015	148.669

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.298
Ethanol	1.328	50.373
n-Propanol	2.345	153.137

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1127732
Injection date: 1/23/2017 4:01:03 PM	Vial: 12
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\23Jan17\23Jan17112.D	

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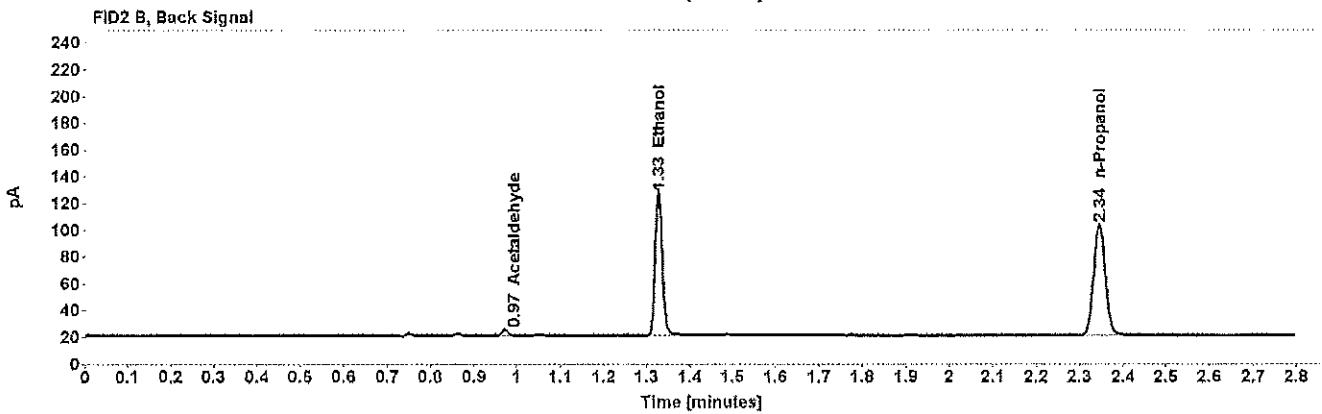
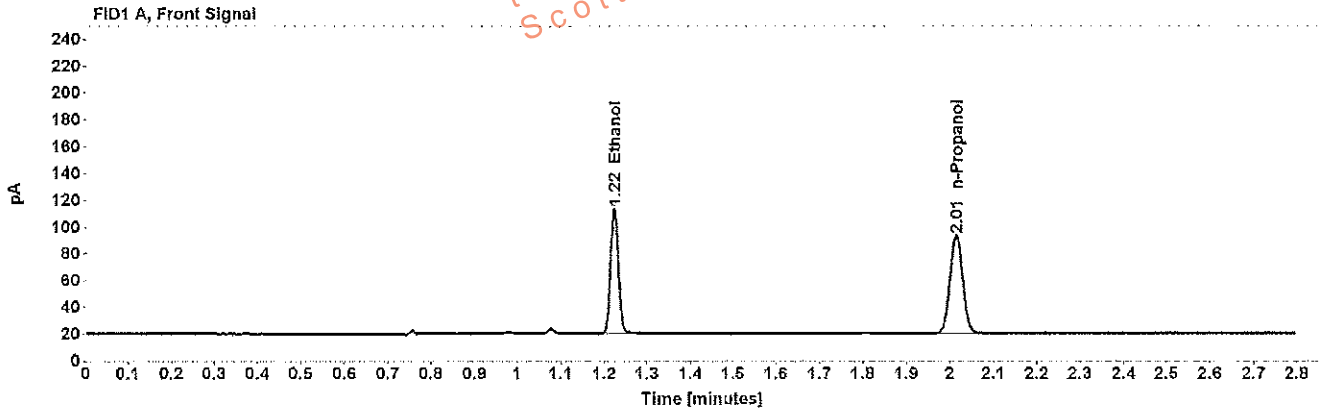


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2173	1.224	120.339
n-Propanol	-----	2.014	149.673

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.029
Ethanol	1.327	123.662
n-Propanol	2.345	153.707

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1127732
Injection date: 1/23/2017 4:05:19 PM	Vial: 13
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
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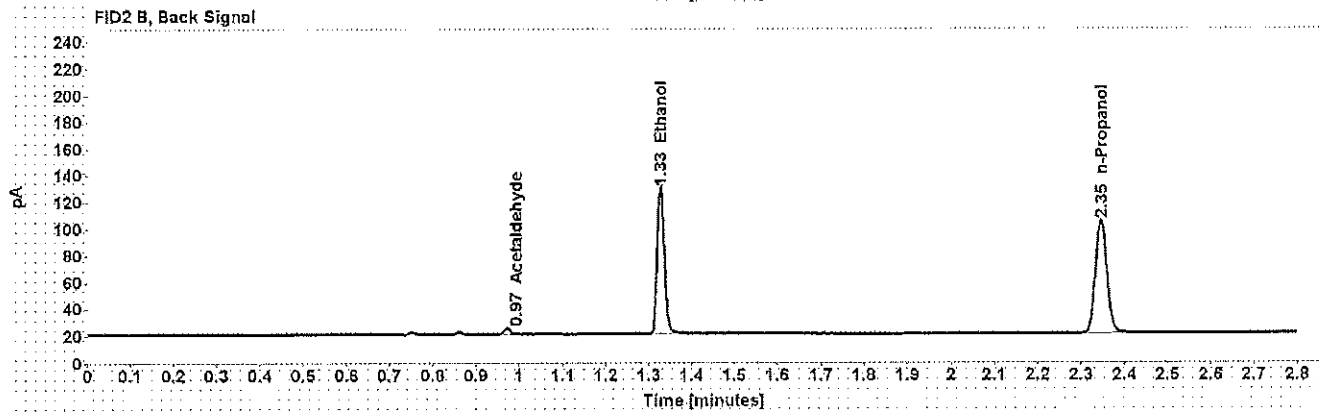
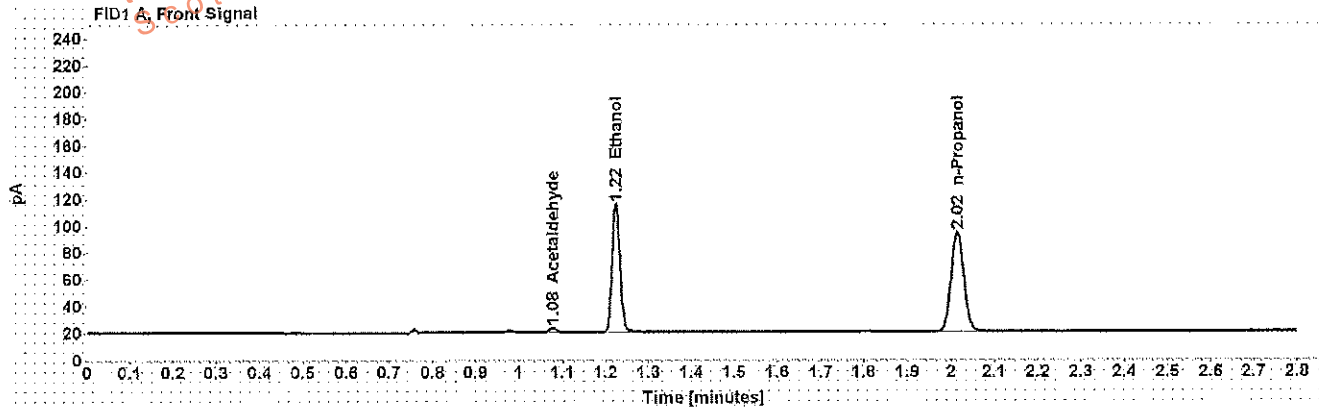


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.790
>Ethanol	0.2192	1.224	123.095
n-Propanol	-----	2.015	151.819

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.091
Ethanol	1.328	126.669
n-Propanol	2.346	155.972

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1128870
Injection date:	1/23/2017 4:09:19 PM	Vial:	14
Method:	ethanol quant.M	Sequence:	23Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\23Jan17\23Jan17\14.D		

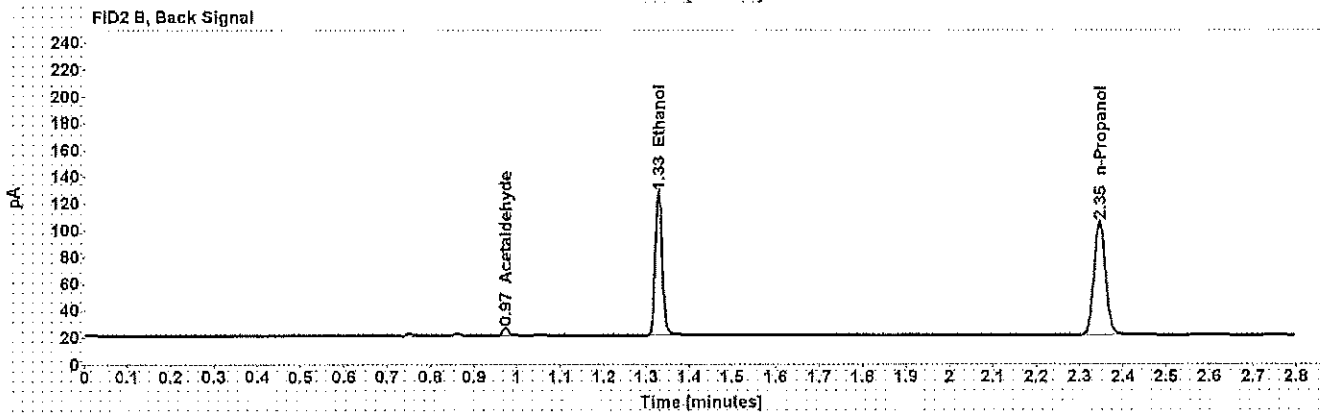
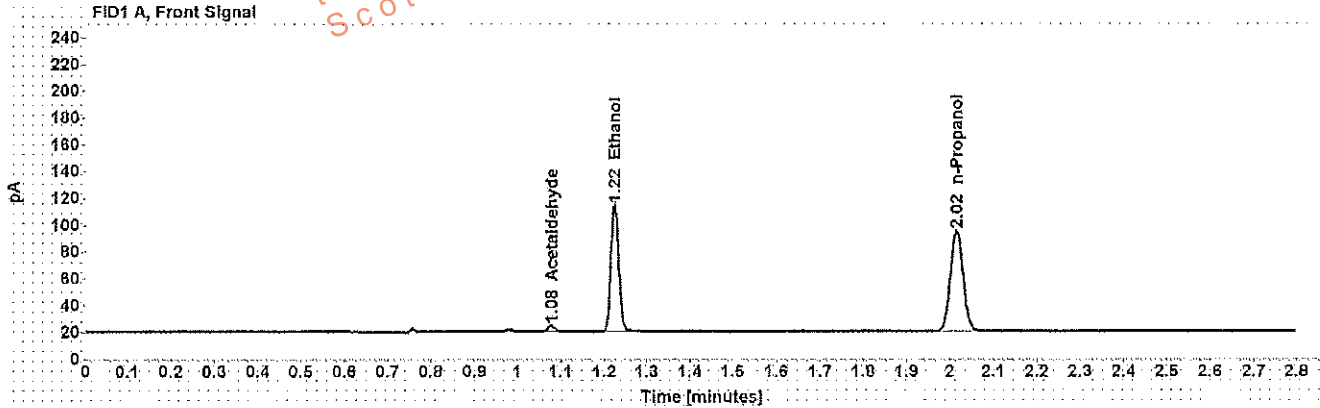


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.847
>Ethanol	0.2139	1.225	121.200
n-Propanol	-----	2.015	153.173

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.182
Ethanol	1.328	124.698
n-Propanol	2.346	157.614

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1128870
Injection date: 1/23/2017 4:13:21 PM	Vial: 15
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\23Jan17\23Jan1715.D	

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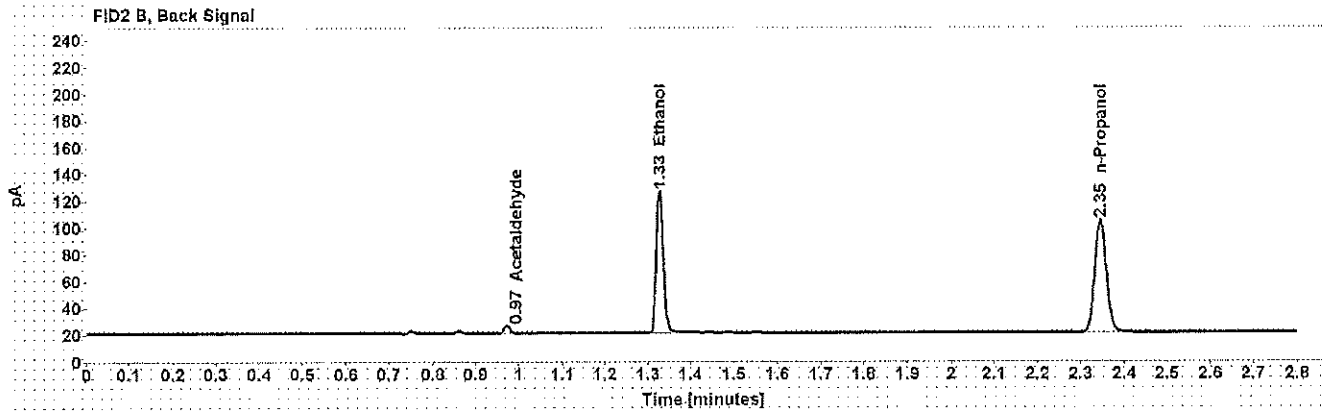
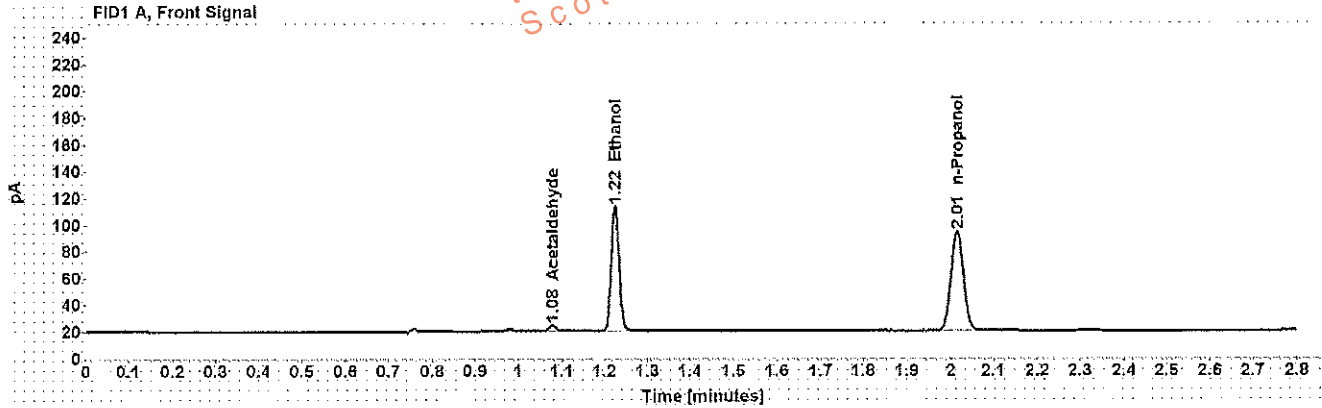


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.854
>Ethanol	0.2135	1.224	119.559
n-Propanol	-----	2.015	151.384

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.229
Ethanol	1.328	123.171
n-Propanol	2.346	155.790

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1128168
Injection date: 1/23/2017 4:17:20 PM	Vial: 16
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\23Jan17\23Jan17\16.D	

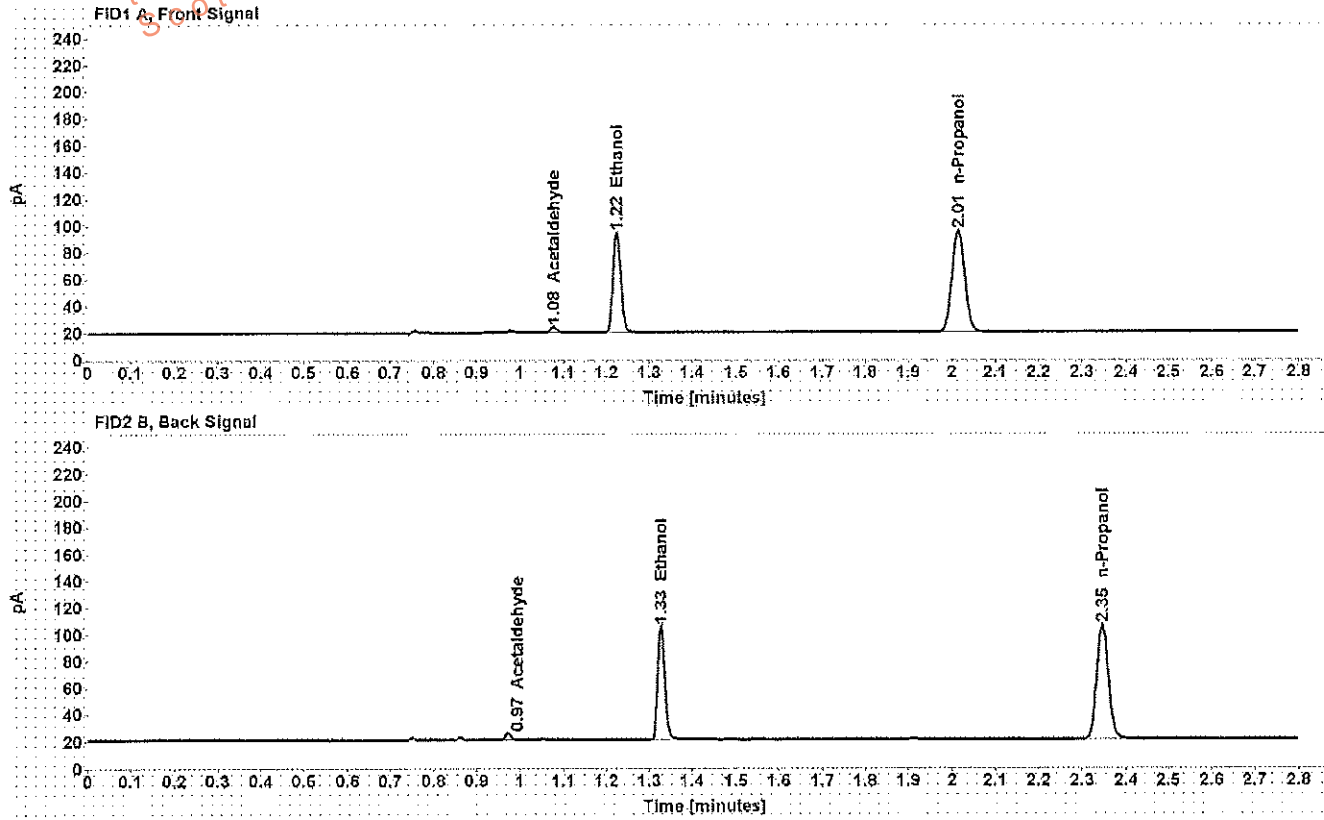


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.342
>Ethanol	0.1677	1.224	96.021
n-Propanol	-----	2.015	154.930

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.653
Ethanol	1.328	98.677
n-Propanol	2.346	159.378

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1128168
Injection date: 1/23/2017 4:21:19 PM	Vial: 17
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
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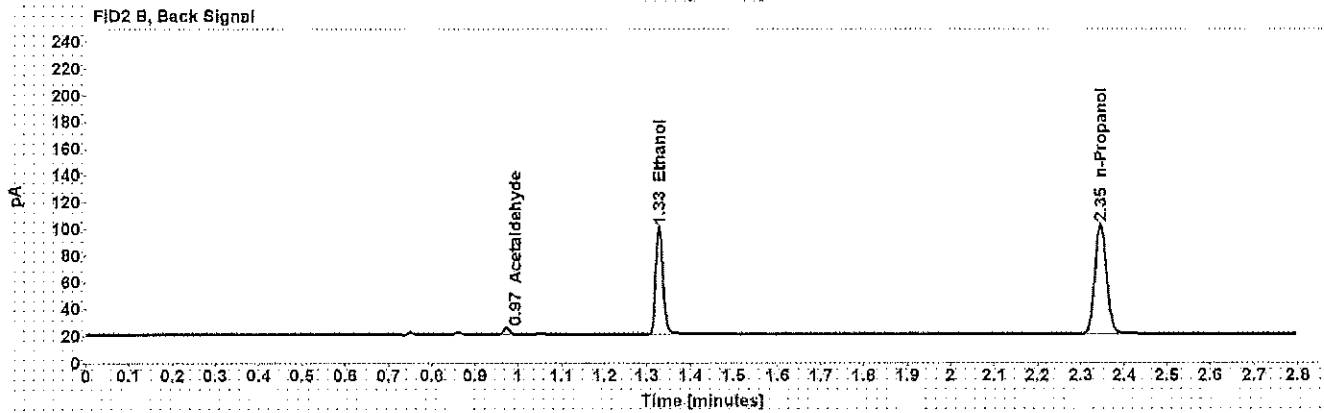
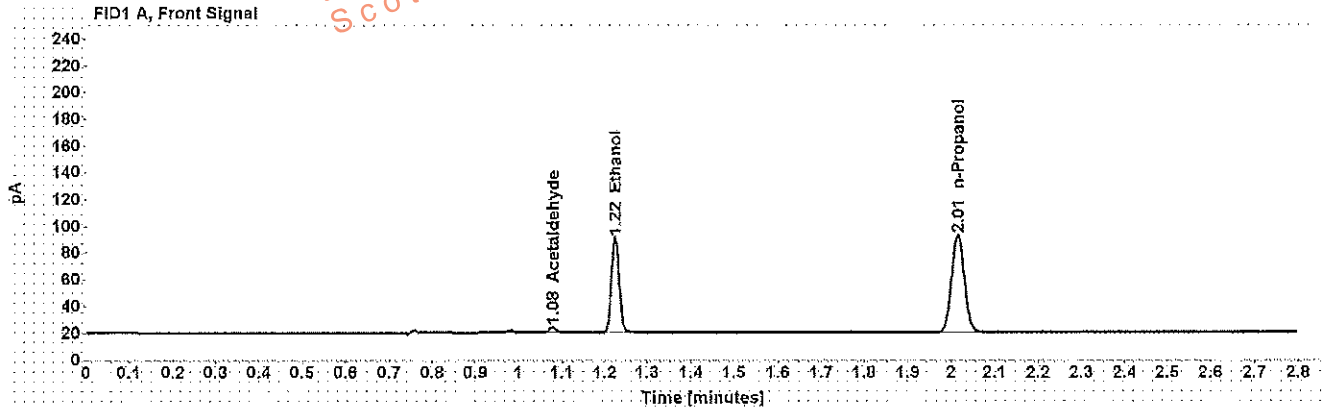


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.219
>Ethanol	0.1657	1.224	91.145
n-Propanol	-----	2.015	148.771

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.508
Ethanol	1.328	93.685
n-Propanol	2.346	153.003

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1128314
Injection date: 1/23/2017 4:25:19 PM	Vial: 19
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\23Jan17\23Jan17118.D	

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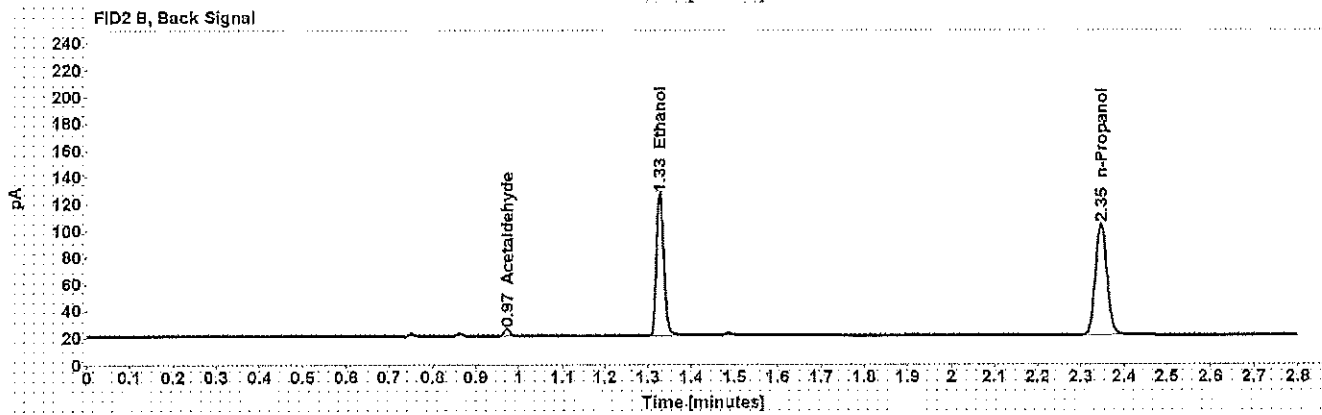
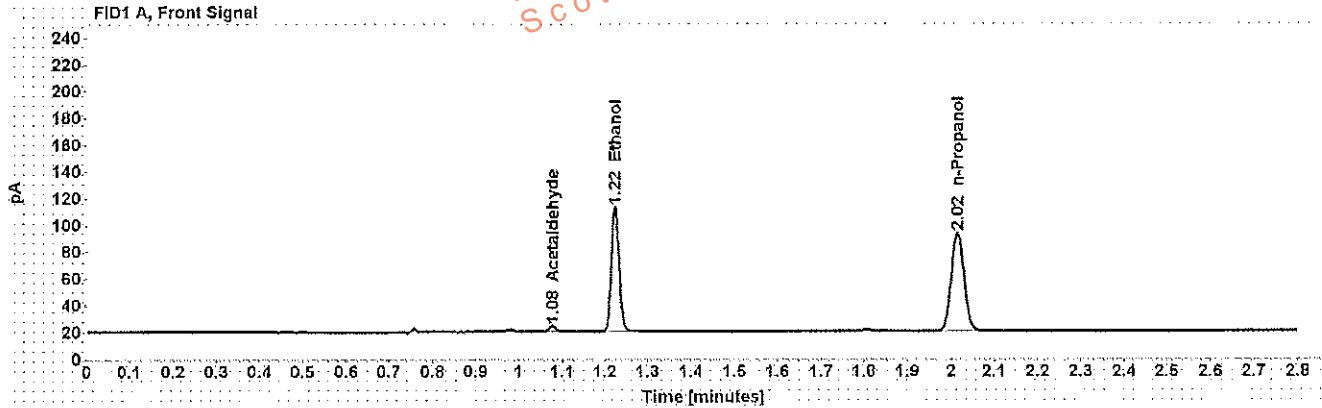


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.430
>Ethanol	0.2159	1.225	119.758
n-Propanol	-----	2.015	149.970

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.751
Ethanol	1.328	123.227
n-Propanol	2.346	154.286

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1128314
Injection date: 1/23/2017 4:29:34 PM	Vial: 19
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: HS14173023 CN14160045	Analyst: Adrian
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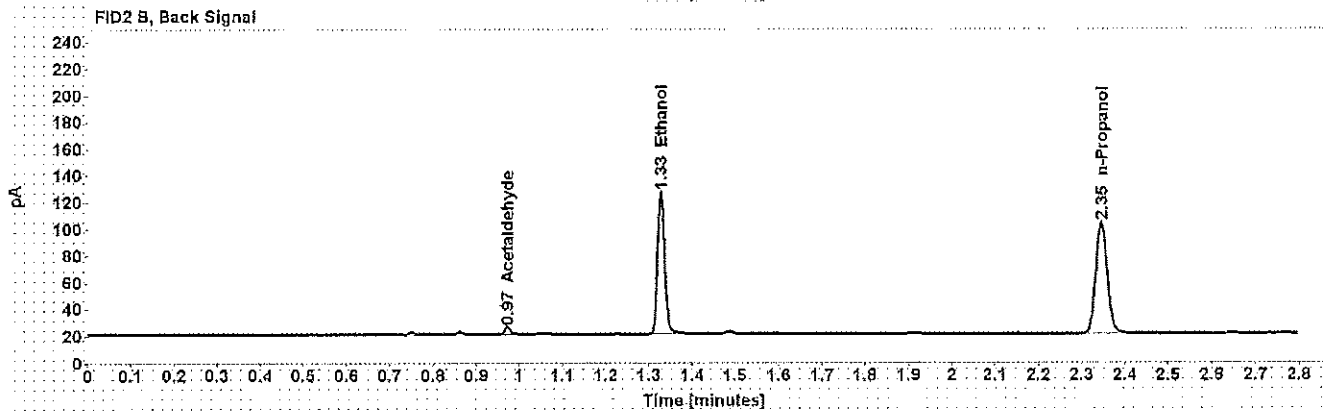
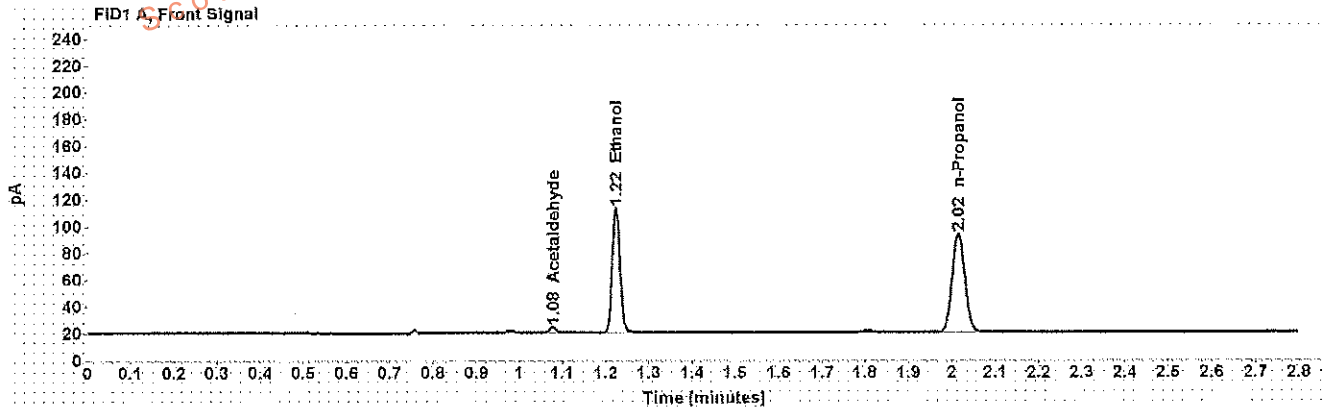


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.388
>Ethanol	0.2148	1.225	119.605
n-Propanol	-----	2.015	150.481

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.688
Ethanol	1.328	123.095
n-Propanol	2.346	154.829

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1127280
Injection date:	1/23/2017 4:37:35 PM	Vial:	21
Method:	ethanol quant.M	Sequence:	23Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
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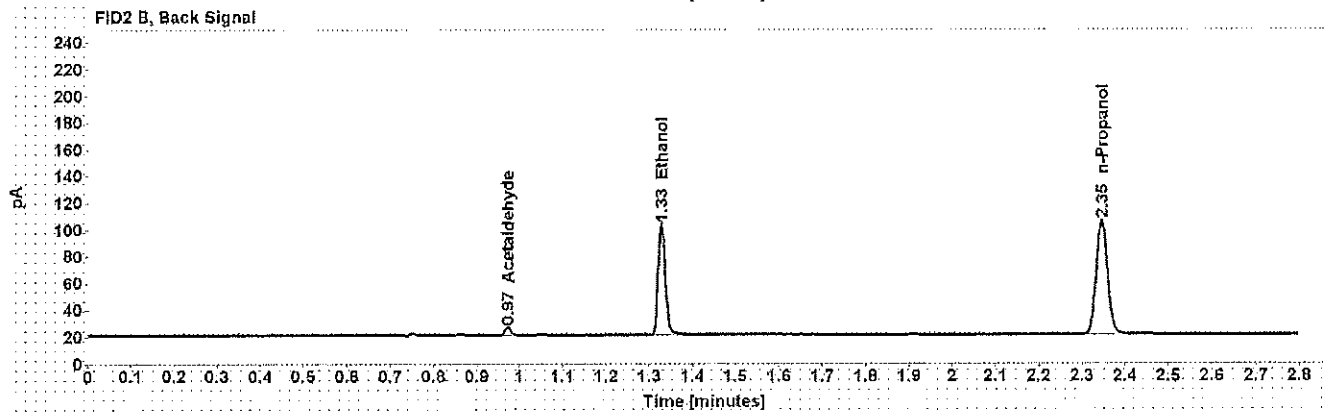
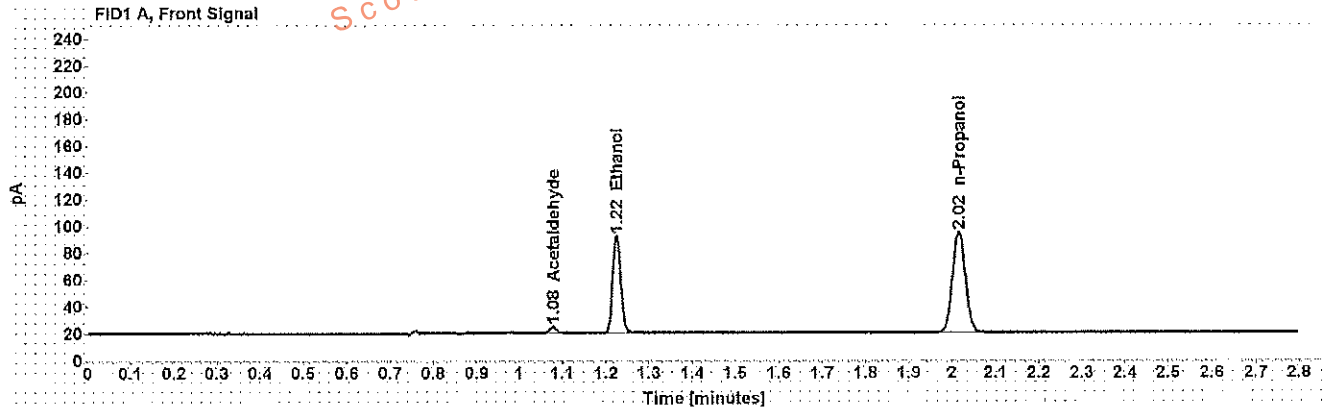


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.992
>Ethanol	0.1645	1.225	93.281
n-Propanol	-----	2.015	153.414

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.330
Ethanol	1.328	95.885
n-Propanol	2.346	157.932

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1127280
Injection date: 1/23/2017 4:41:35 PM	Vial: 22
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1\Data\23Jan17\23Jan17122.D	

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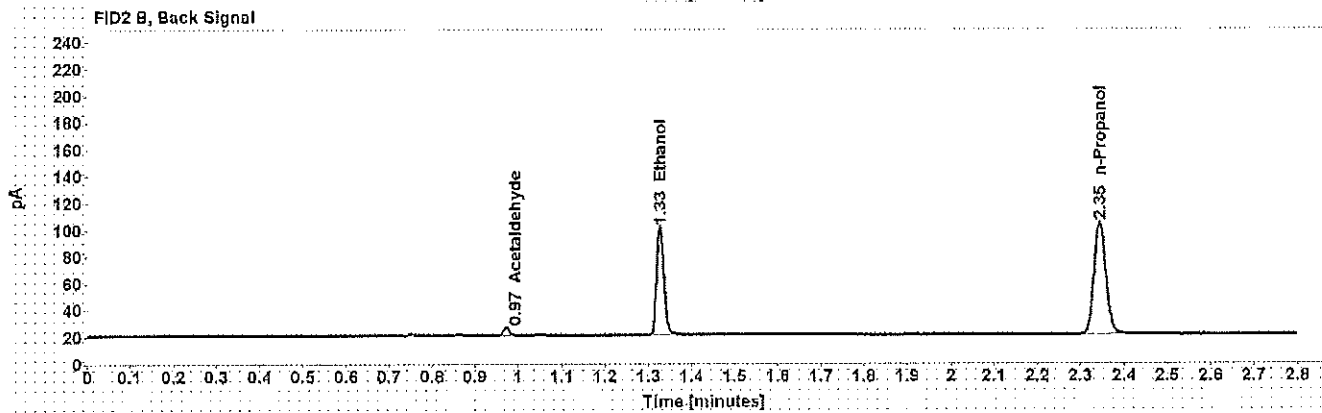
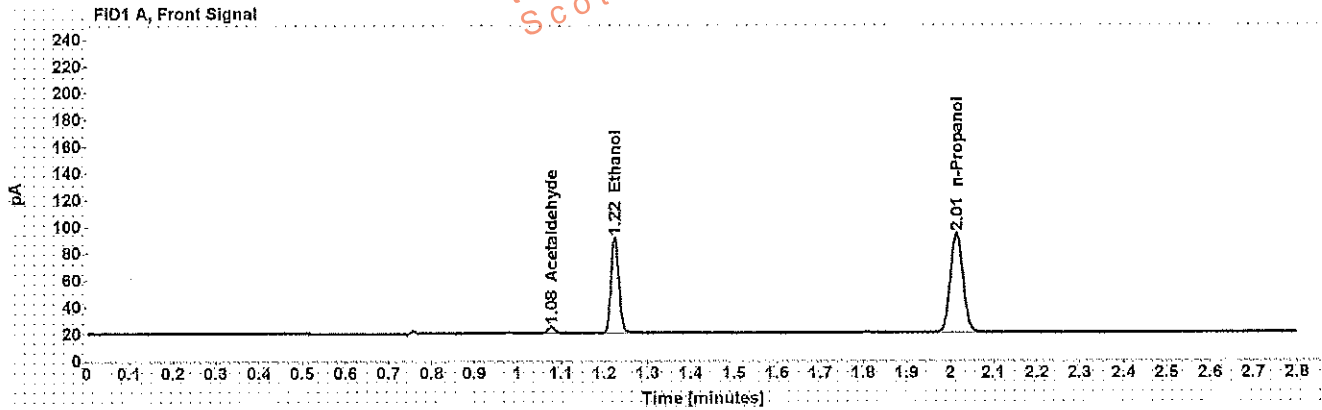


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.107
>Ethanol	0.1633	1.224	91.502
n-Propanol	-----	2.015	151.586

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.411
Ethanol	1.327	93.939
n-Propanol	2.345	156.016

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1127611
Injection date: 1/23/2017 4:45:34 PM	Vial: 23
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
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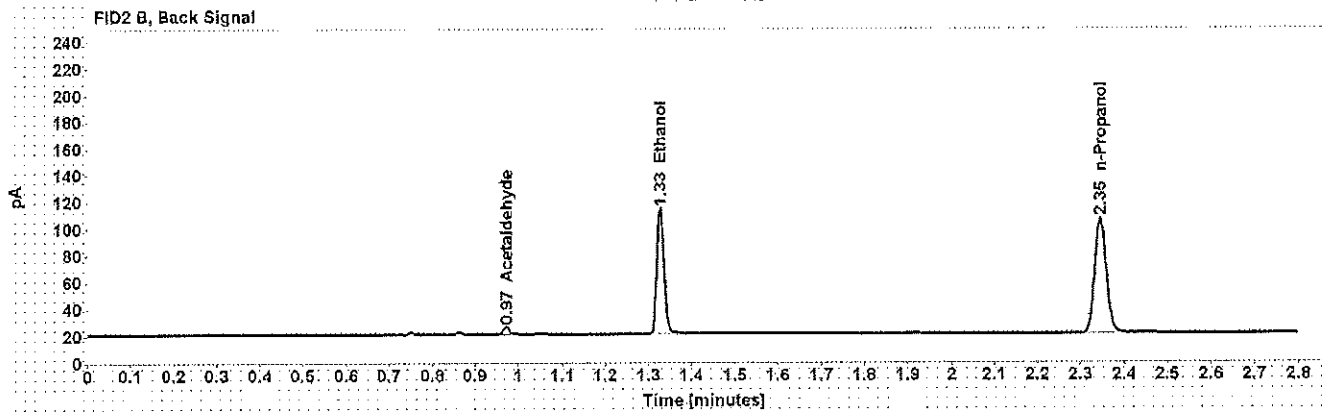
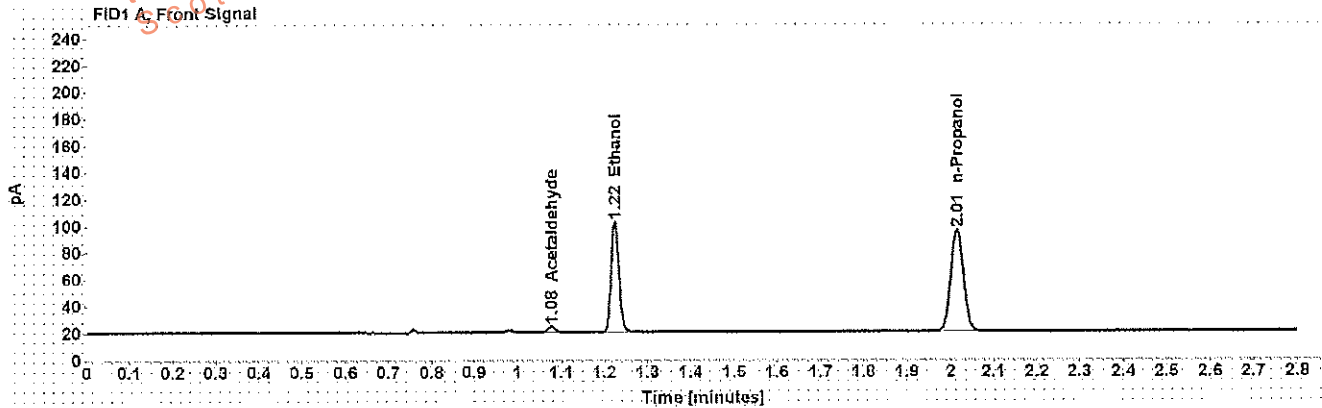


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.783
>Ethanol	0.1849	1.224	105.985
n-Propanol	-----	2.015	154.968

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.105
Ethanol	1.328	108.954
n-Propanol	2.346	159.521

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	████████████████████	Item number:	1127611
Injection date:	1/23/2017 4:49:35 PM	Vial:	24
Method:	ethanol quant.M	Sequence:	23Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
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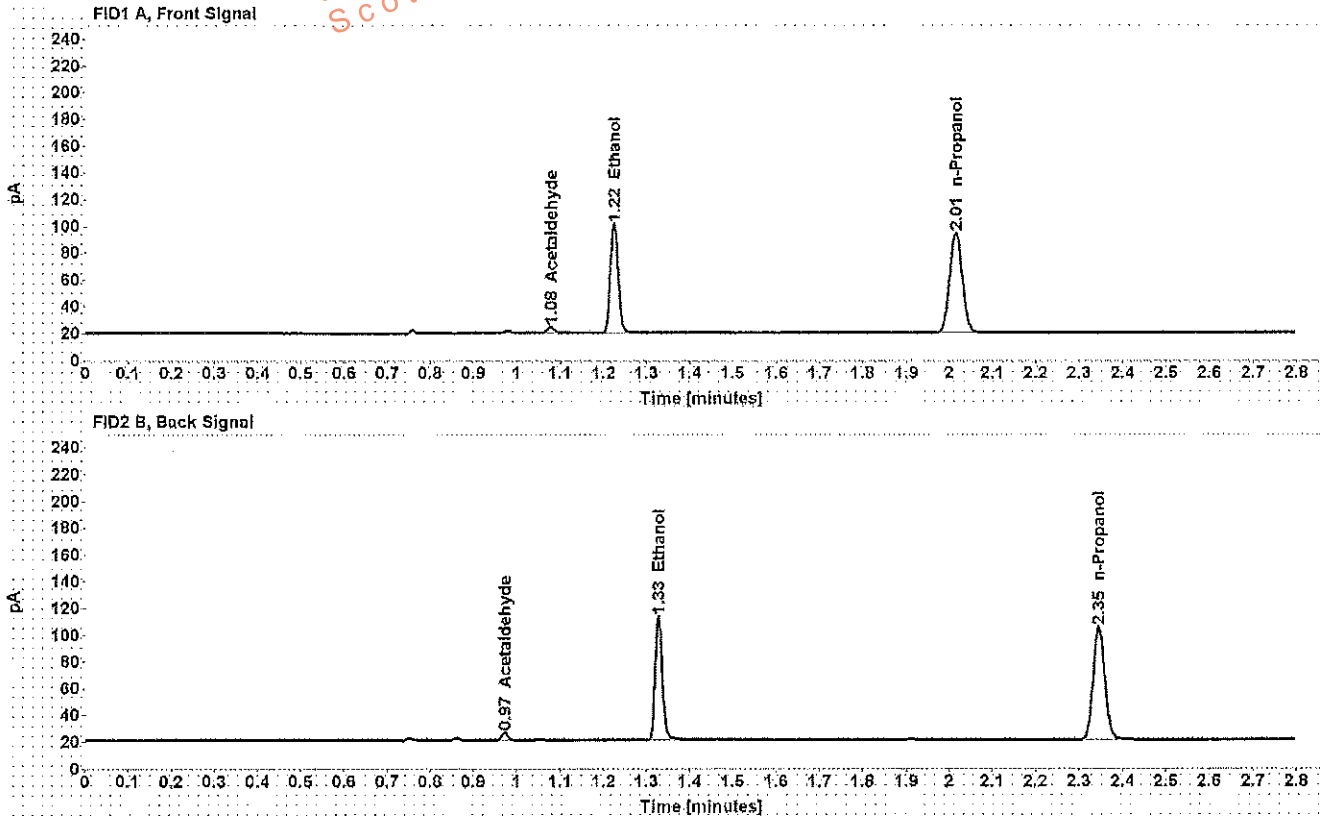


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.813
>Ethanol	0.1852	1.224	104.249
n-Propanol	-----	2.015	152.227

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.143
Ethanol	1.328	107.379
n-Propanol	2.346	156.792

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1128905
Injection date: 1/23/2017 4:53:50 PM	Vial: 25
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\23Jan17\23Jan17_25.D	

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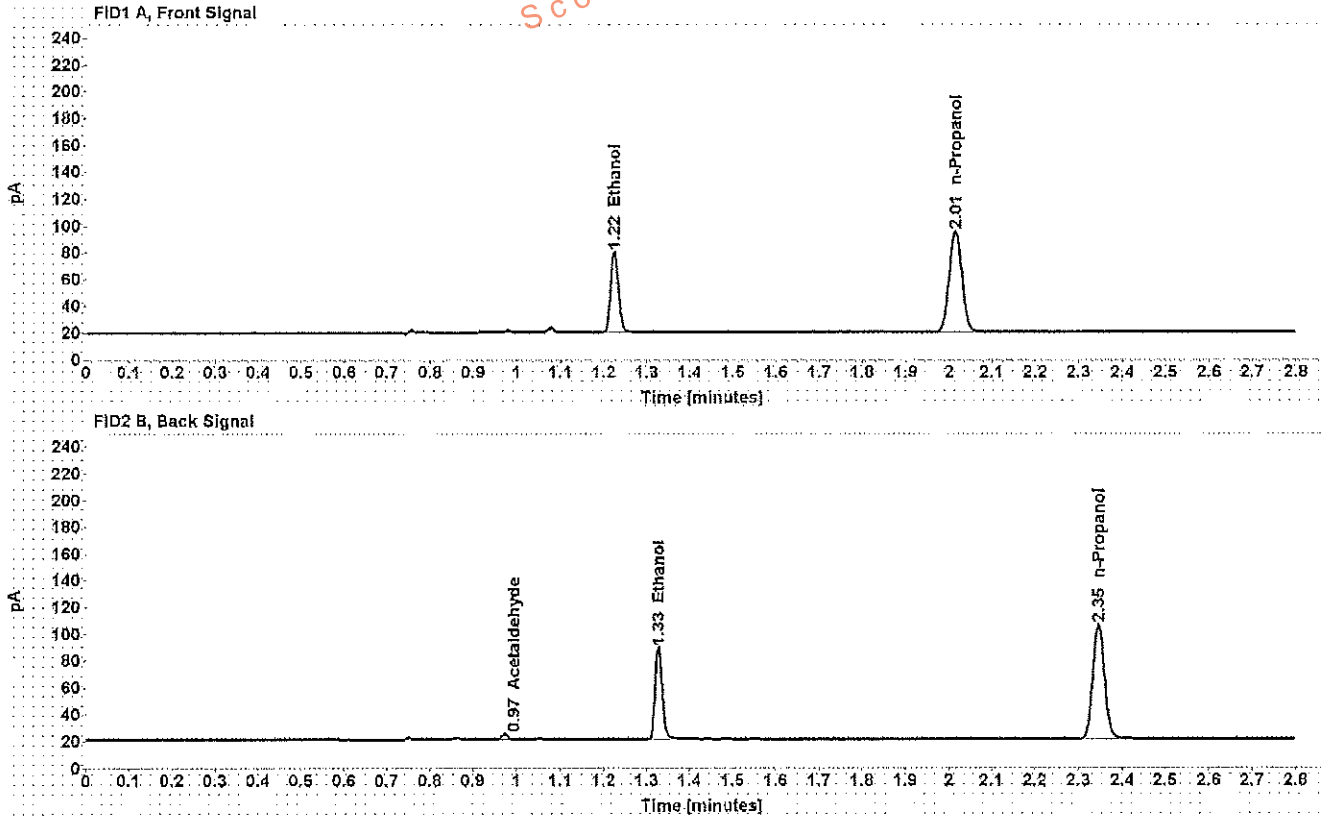


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1362	1.225	77.680
n-Propanol	-----	2.015	154.445

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	3.787
Ethanol	1.328	79.907
n-Propanol	2.345	159.053

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1128905
Injection date: 1/23/2017 4:57:49 PM	Vial: 26
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
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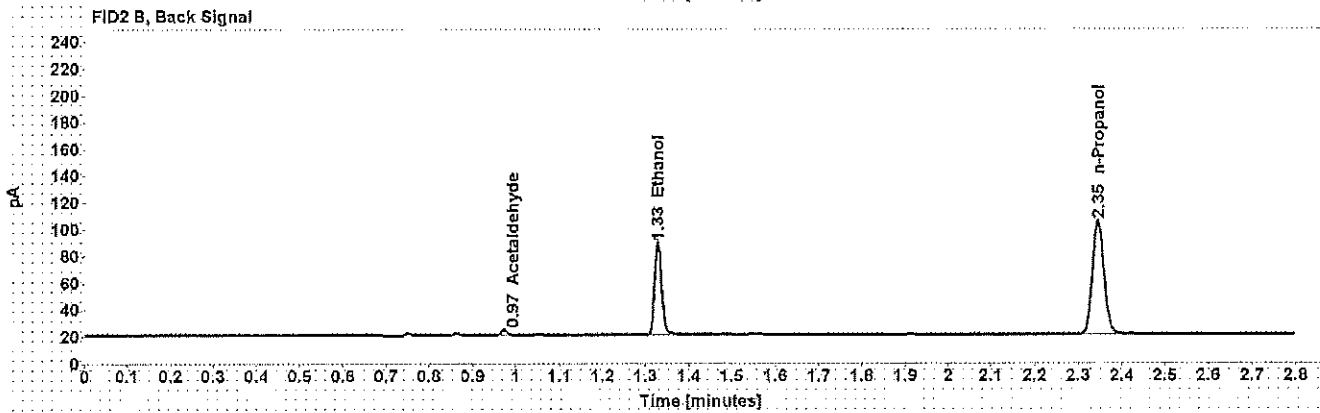
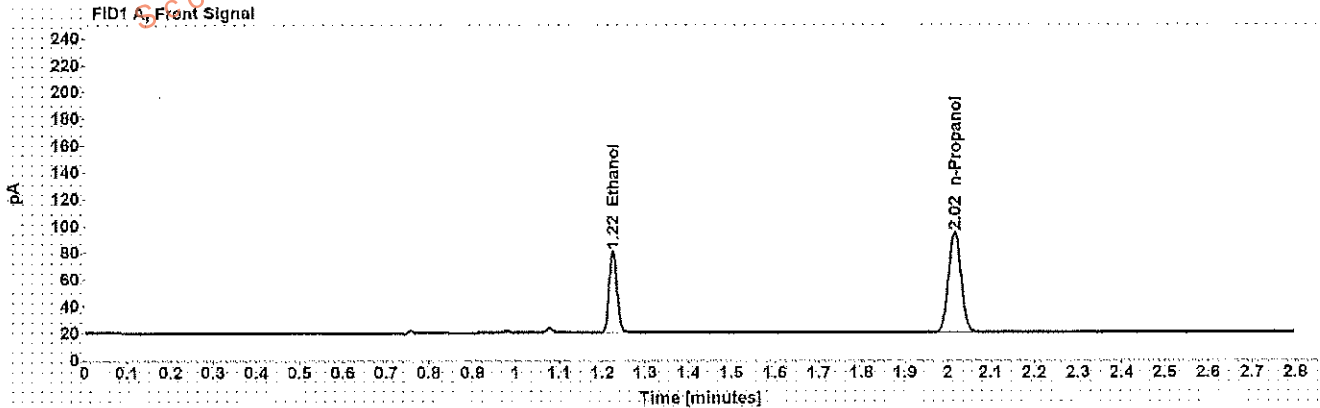


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1376	1.225	77.684
n-Propanol	-----	2.015	152.794

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.874
Ethanol	1.328	79.798
n-Propanol	2.346	157.465

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1128895
Injection date:	1/23/2017 5:01:50 PM	Vial:	27
Method:	ethanol quant.M	Sequence:	23Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\23Jan17\23Jan17127.D		

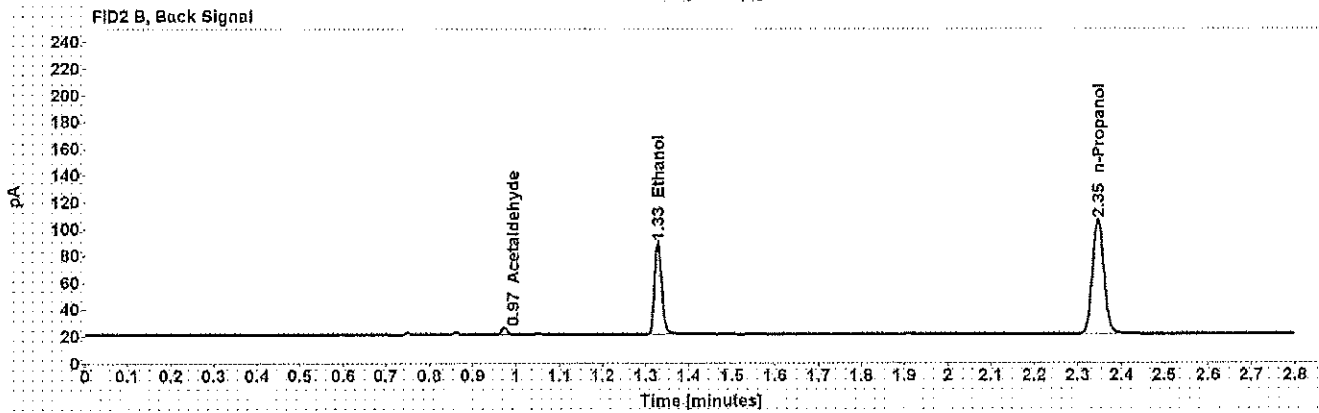
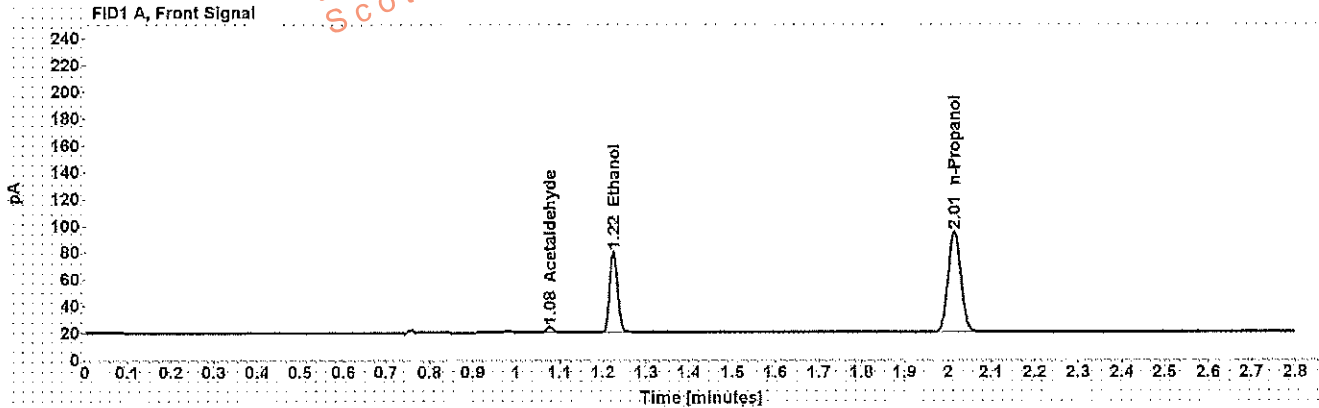


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.389
>Ethanol	0.1358	1.225	76.921
n-Propanol	-----	2.015	153.345

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.710
Ethanol	1.328	79.142
n-Propanol	2.346	158.094

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1128895
Injection date: 1/23/2017 5:05:50 PM	Vial: 28
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\23Jan17\23Jan17_28.D	

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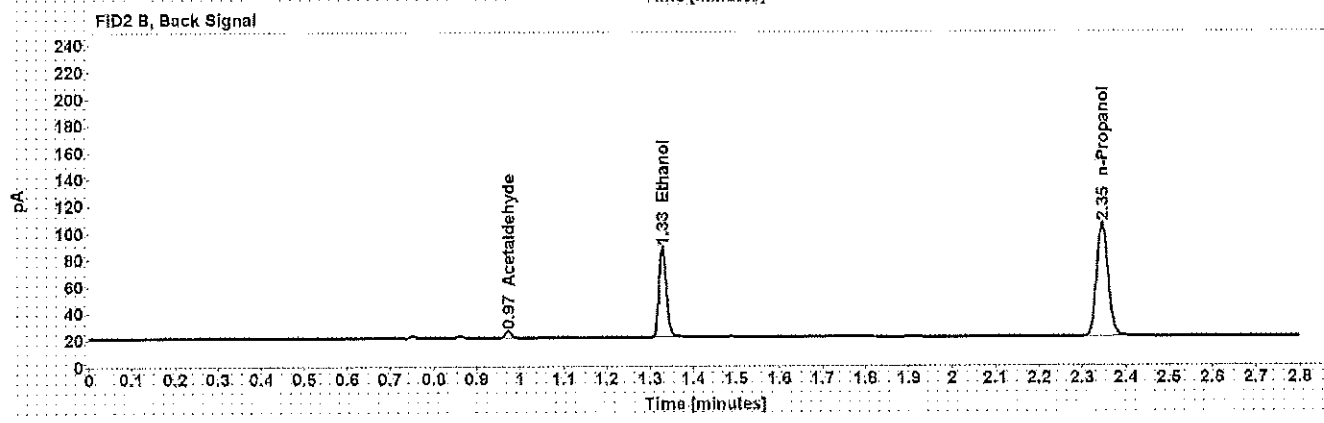
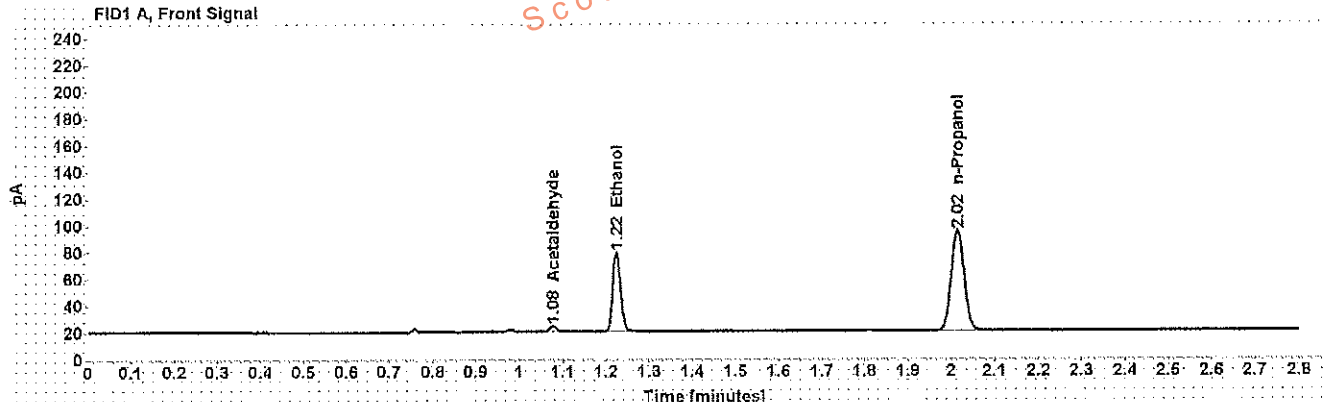


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.385
>Ethanol	0.1347	1.225	75.995
n-Propanol	-----	2.015	152.695

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.697
Ethanol	1.328	77.940
n-Propanol	2.346	157.594

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1120509
Injection date:	1/23/2017 5:09:49 PM	Vial:	29
Method:	ethanol quant.M	Sequence:	23Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem\321\1\Data\23Jan17\23Jan17\29.D		

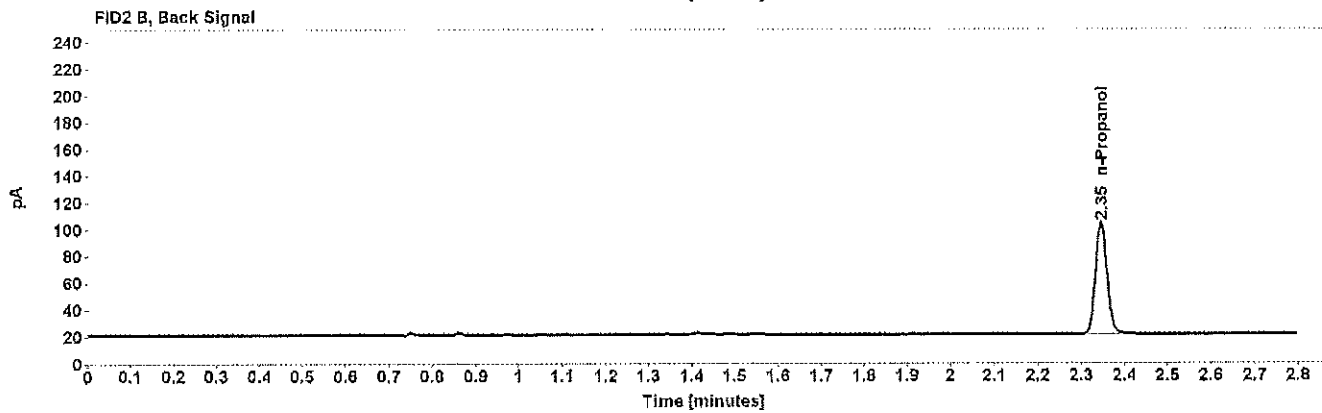
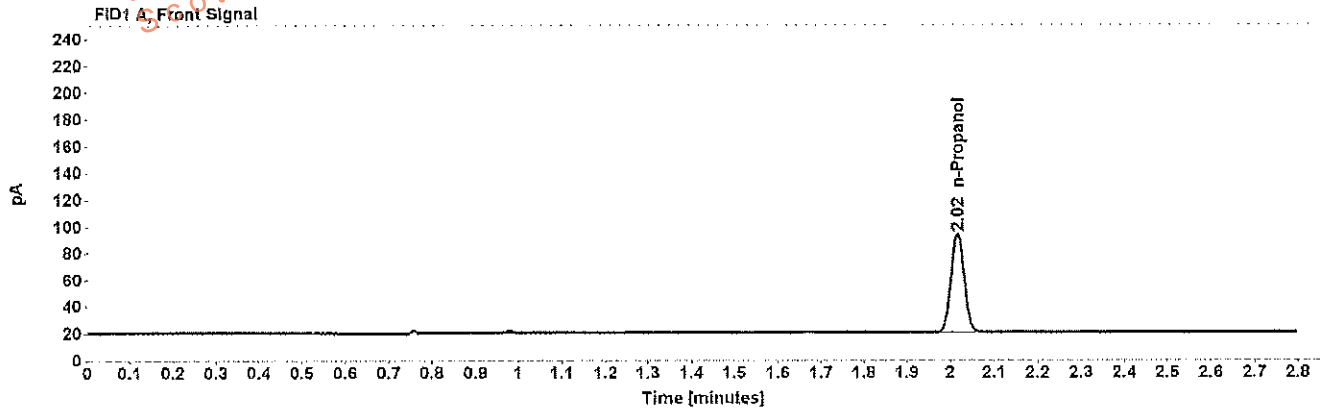


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	150.475

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

Compound	Time (min)	Peak Area
n-Propanol	2.346	155.307

Case: [REDACTED] User: wadrian 1/24/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1120509
Injection date:	1/23/2017 5:13:49 PM	Vial:	30
Method:	ethanol quant.M	Sequence:	23Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\1\Data\23Jan17\23Jan17130.D		

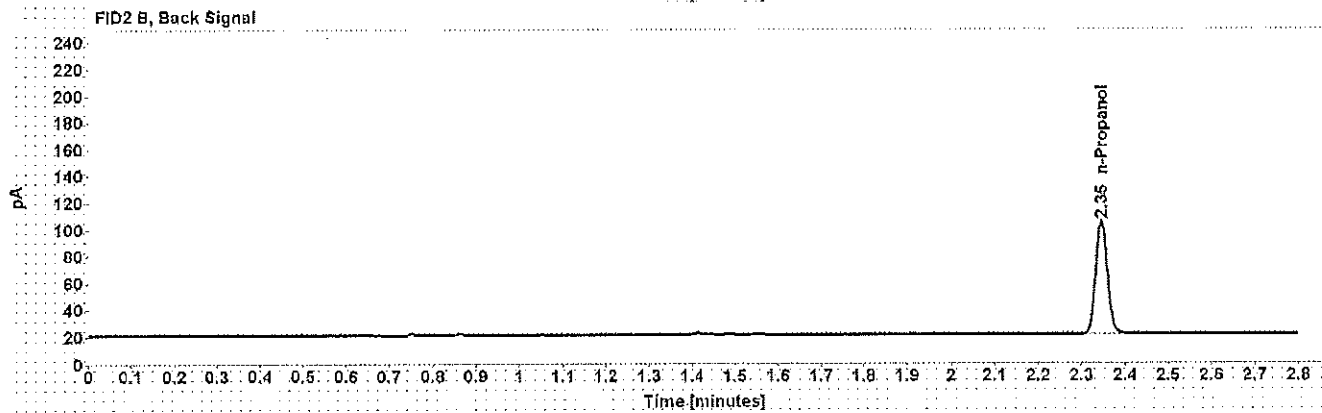
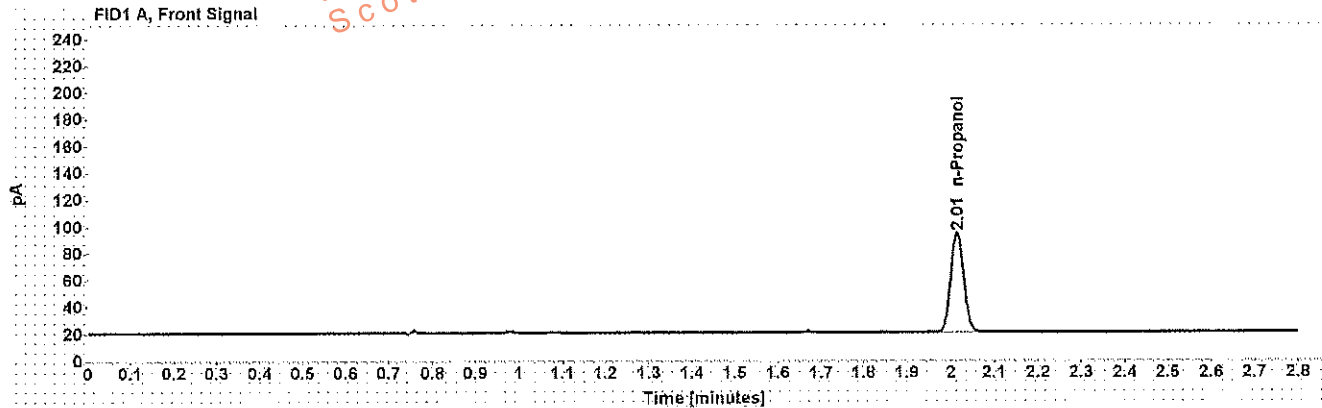


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	151.959

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

Compound	Time (min)	Peak Area
n-Propanol	2.345	156.855

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1120405
Injection date: 1/23/2017 5:22:04 PM	Vial: 32
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\23Jan17\23Jan17_32.D	

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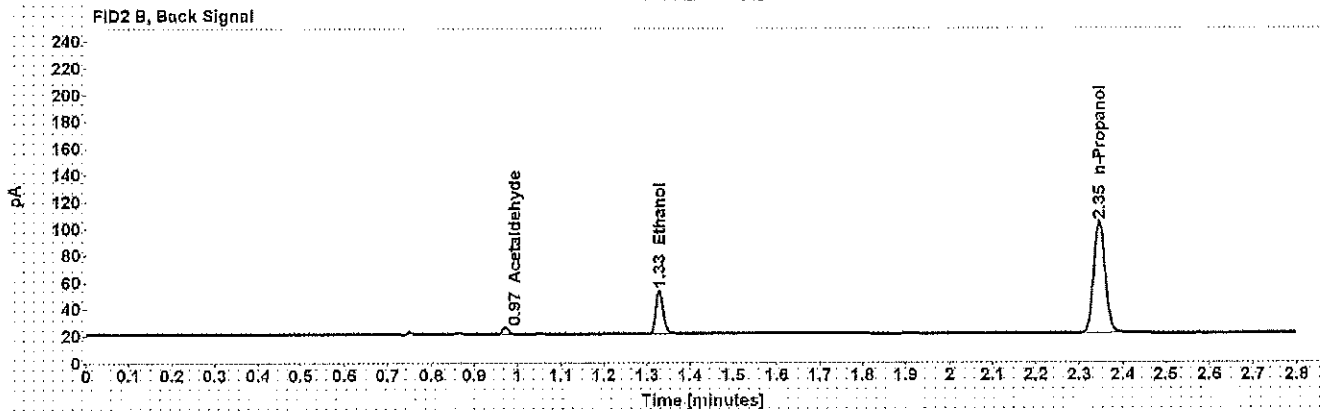
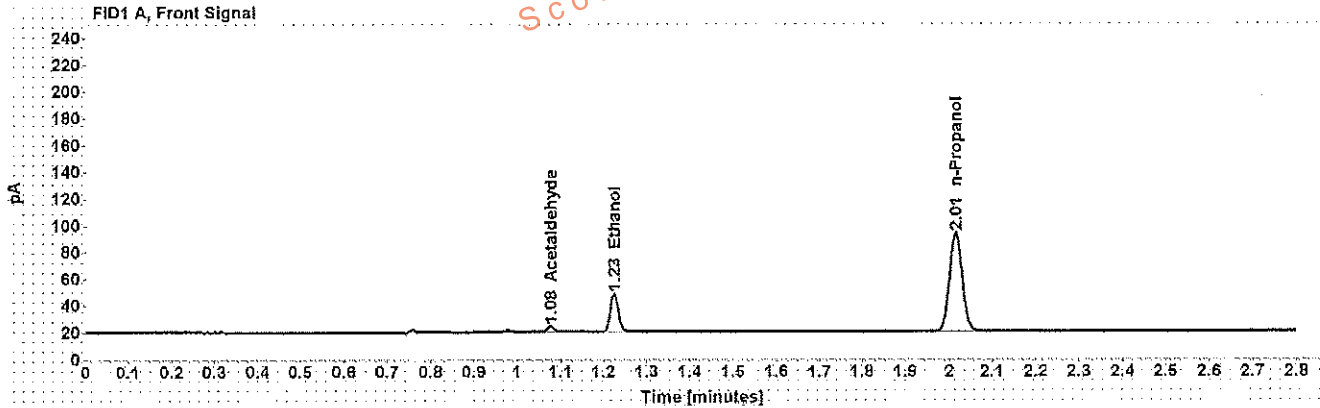


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.374
>Ethanol	0.0665	1.225	36.665
n-Propanol	-----	2.015	149.930

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.668
Ethanol	1.329	38.062
n-Propanol	2.346	154.820

Case: [REDACTED] User: wadrian 1/24/2017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1120405
Injection date: 1/23/2017 5:26:04 PM	Vial: 33
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem\321\Data\23Jan17\23Jan17\33.D	

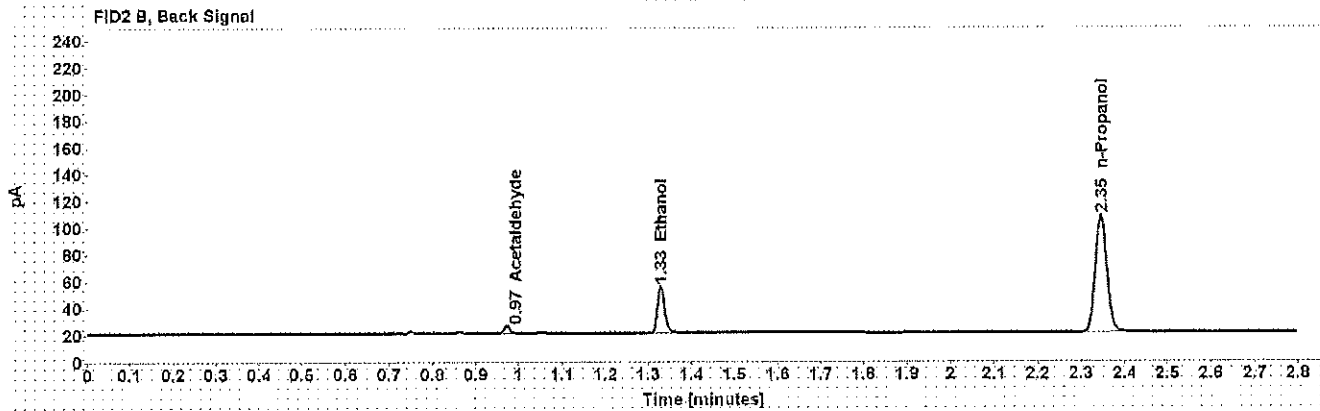
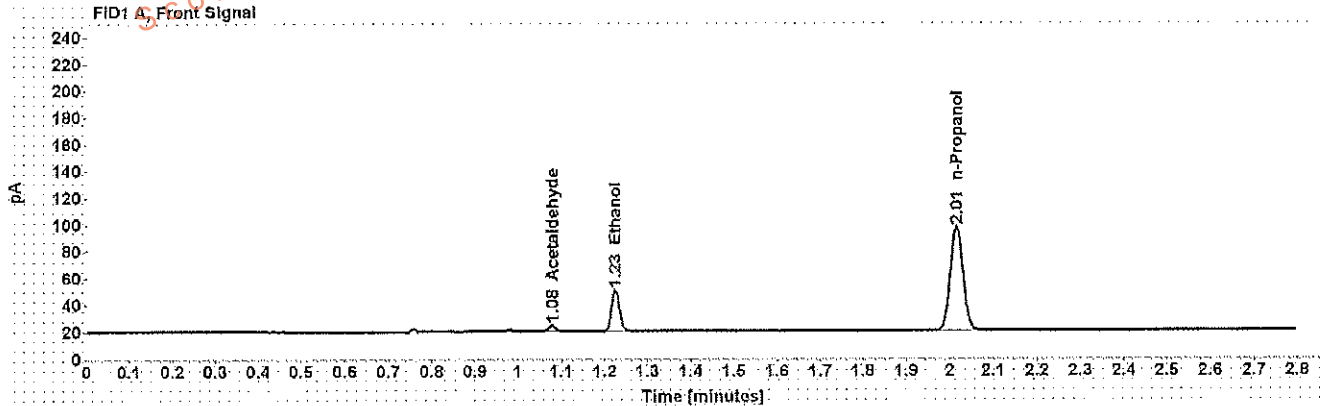


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.748
>Ethanol	0.0679	1.225	39.304
n-Propanol	-----	2.015	157.299

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.058
Ethanol	1.329	40.942
n-Propanol	2.346	162.530

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1129822
Injection date: 1/23/2017 5:30:04 PM	Vial: 34
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1Data\23Jan17\23Jan17\34.D	

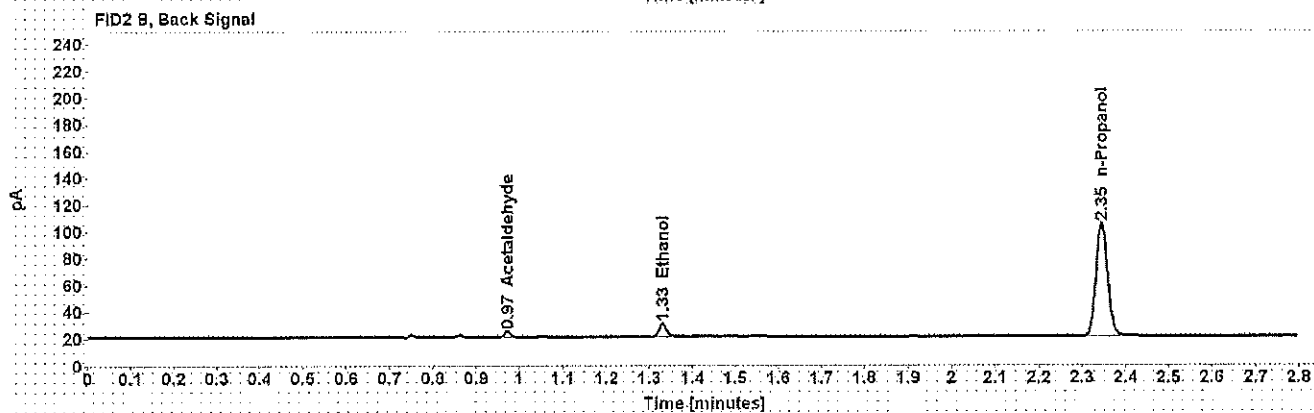
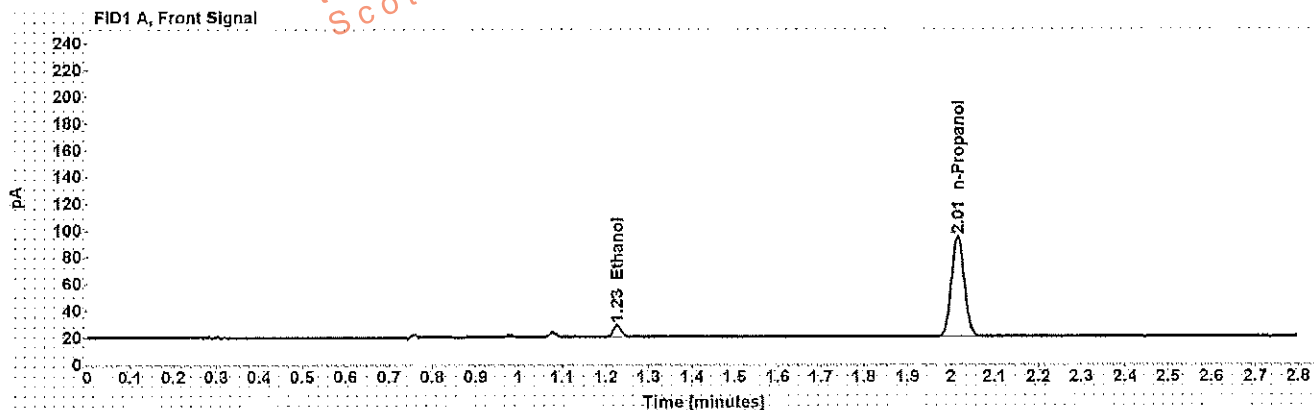


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0204	1.226	11.191
n-Propanol	-----	2.015	152.289

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.978
Ethanol	1.330	11.707
n-Propanol	2.346	157.386

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1129822
Injection date:	1/23/2017 5:34:04 PM	Vial:	35
Method:	ethanol quant.M	Sequence:	23Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\23Jan17\23Jan17_135.D		

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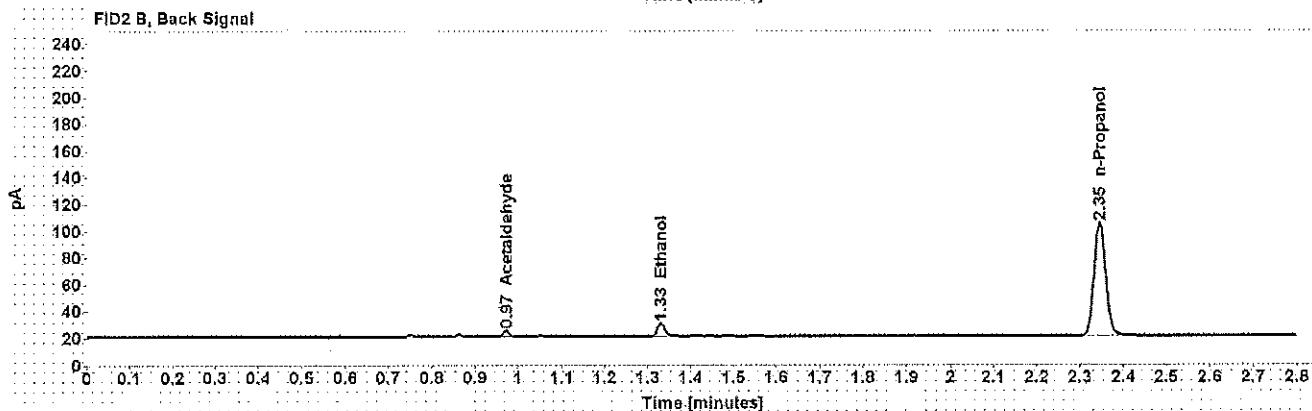
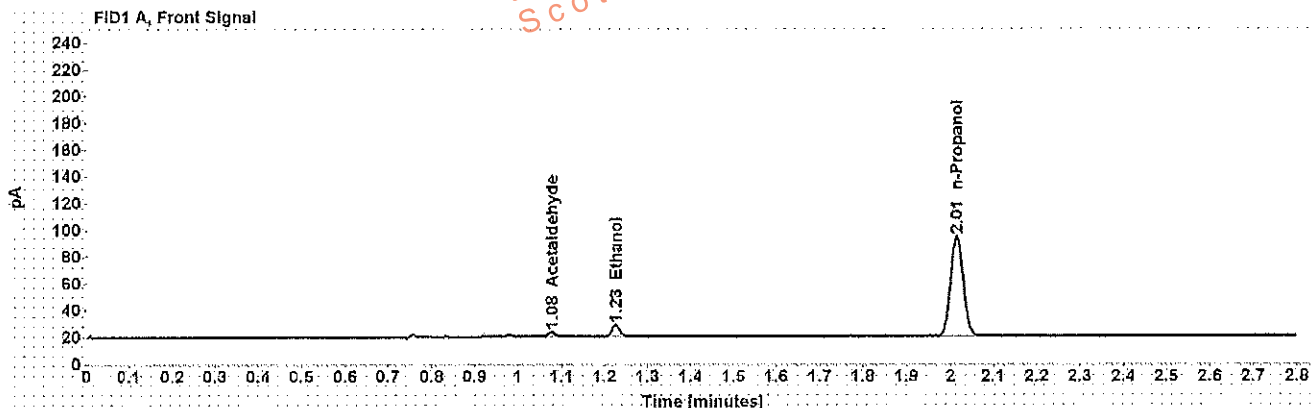


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.823
>Ethanol	0.0204	1.226	11.182
n-Propanol	-----	2.015	152.126

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.058
Ethanol	1.330	11.651
n-Propanol	2.346	157.227

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1130711
Injection date: 1/23/2017 5:38:04 PM	Vial: 36
Method: ethanol quant M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1Data\23Jan17\23Jan17\36.D	

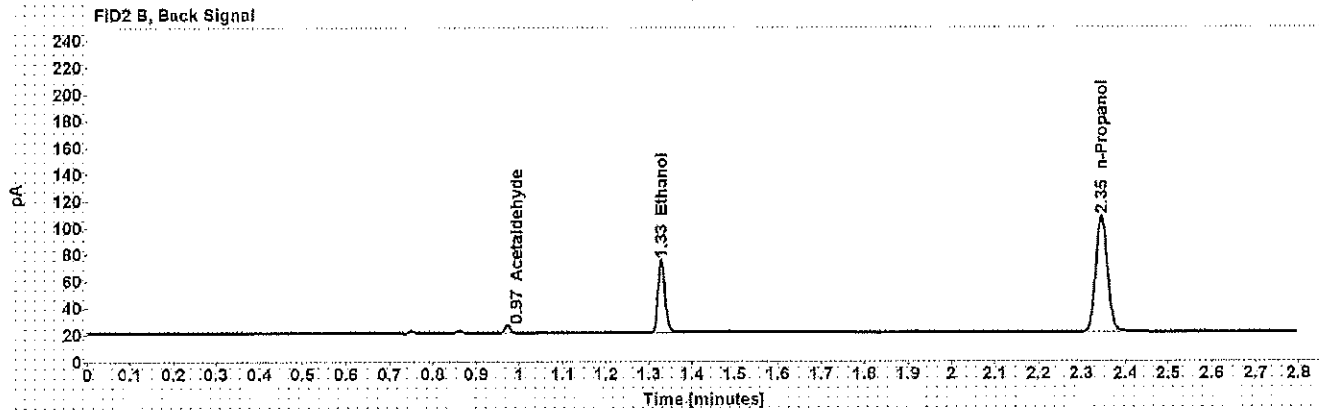
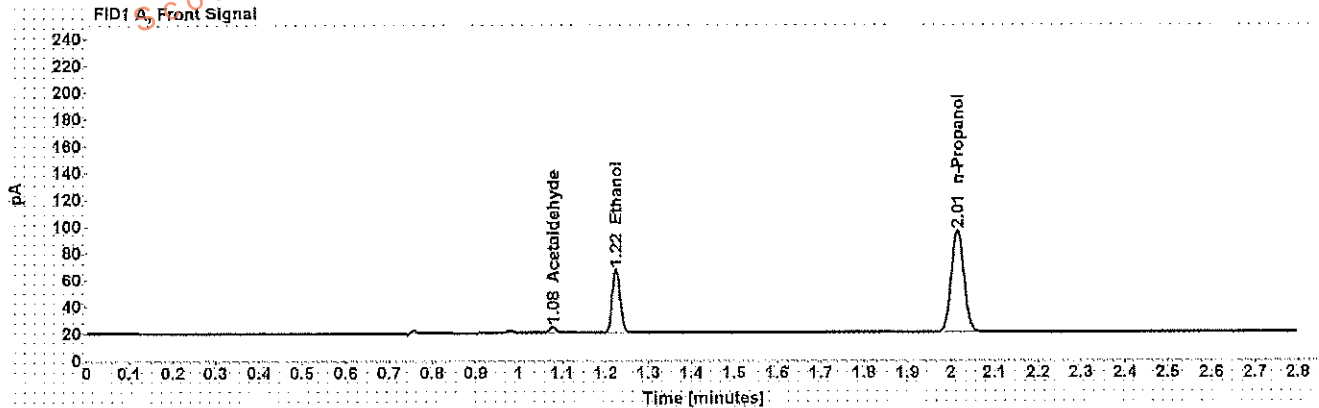


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.640
>Ethanol	0.1061	1.225	60.817
n-Propanol	-----	2.015	155.412

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.958
Ethanol	1.328	63.259
n-Propanol	2.346	160.537

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1130711
Injection date:	1/23/2017 5:42:20 PM	Vial:	37
Method:	ethanol quant.M	Sequence:	23Jan17
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\23Jan17\23Jan17\37.D		

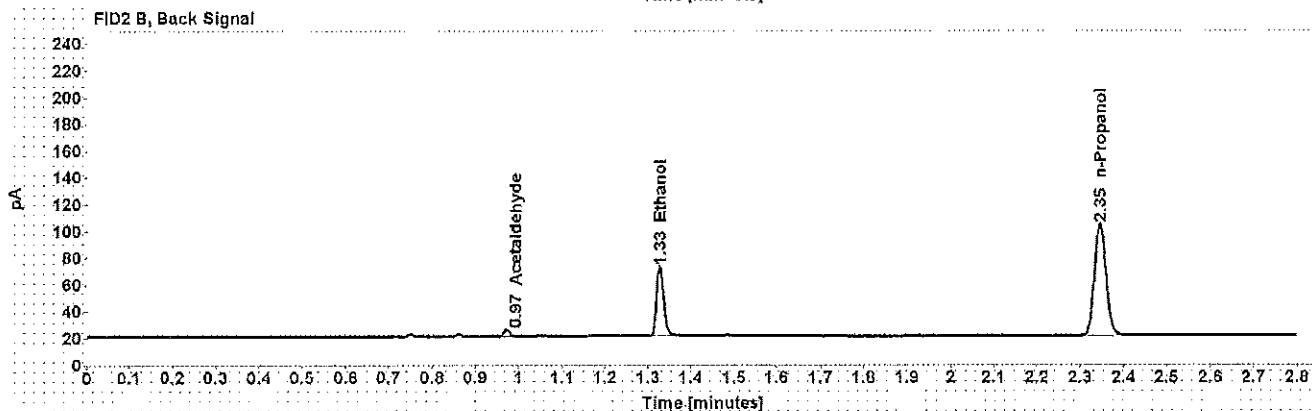
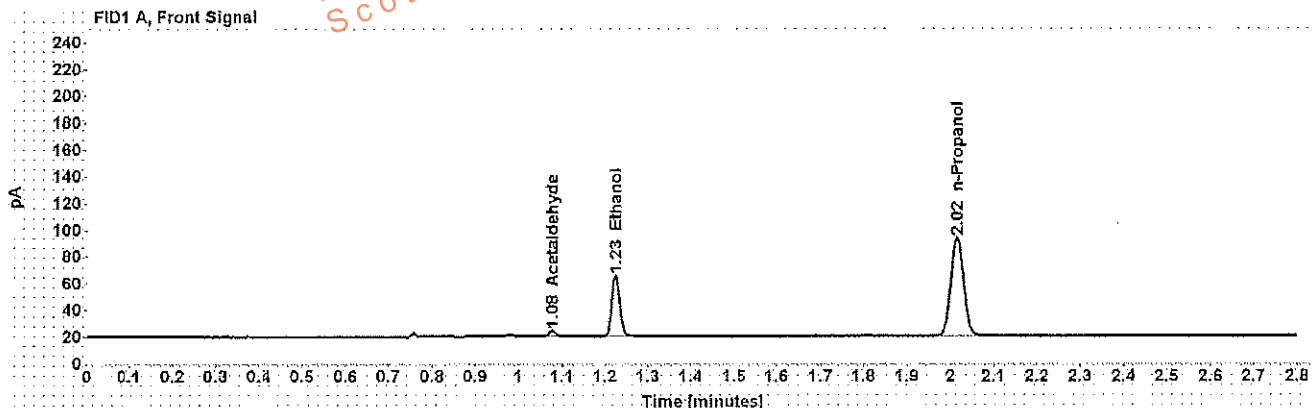


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.229
>Ethanol	0.1055	1.225	58.381
n-Propanol	-----	2.015	149.962

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.516
Ethanol	1.329	60.113
n-Propanol	2.346	155.114

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1130727
Injection date: 1/23/2017 5:46:21 PM	Vial: 38
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\23Jan17\23Jan17\38.D	

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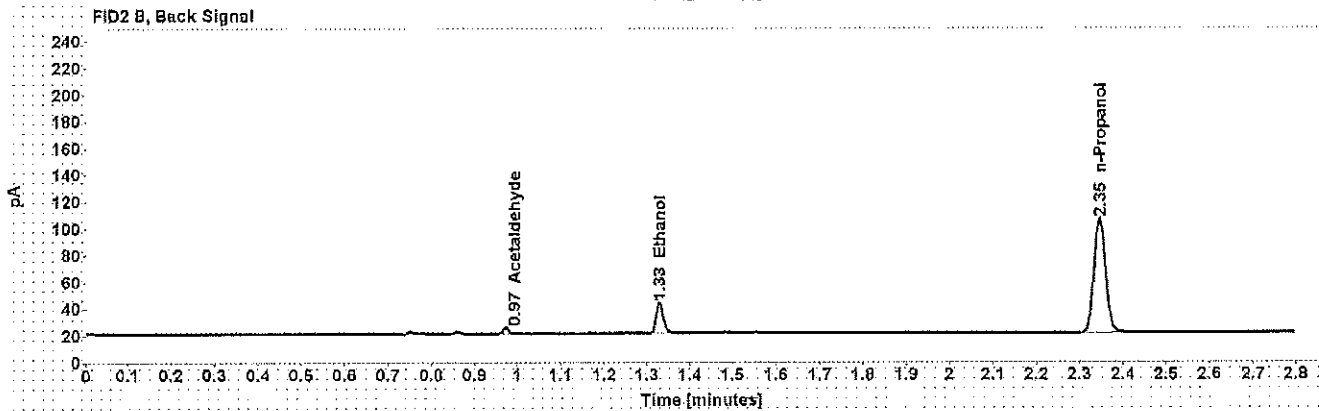
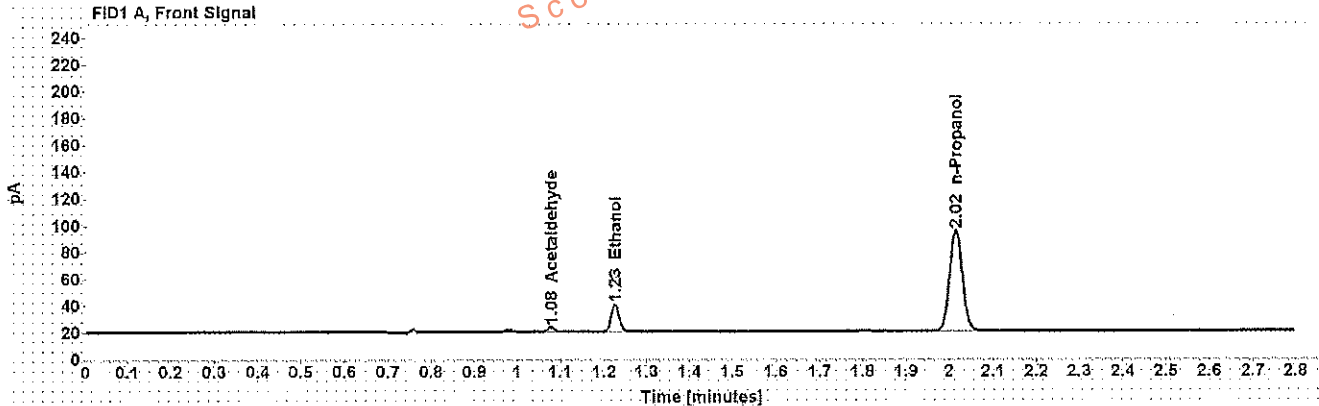


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.785
>Ethanol	0.0464	1.226	26.095
n-Propanol	-----	2.015	153.399

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.074
Ethanol	1.329	27.188
n-Propanol	2.346	158.685

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1130727
Injection date: 1/23/2017 5:50:19 PM	Vial: 39
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
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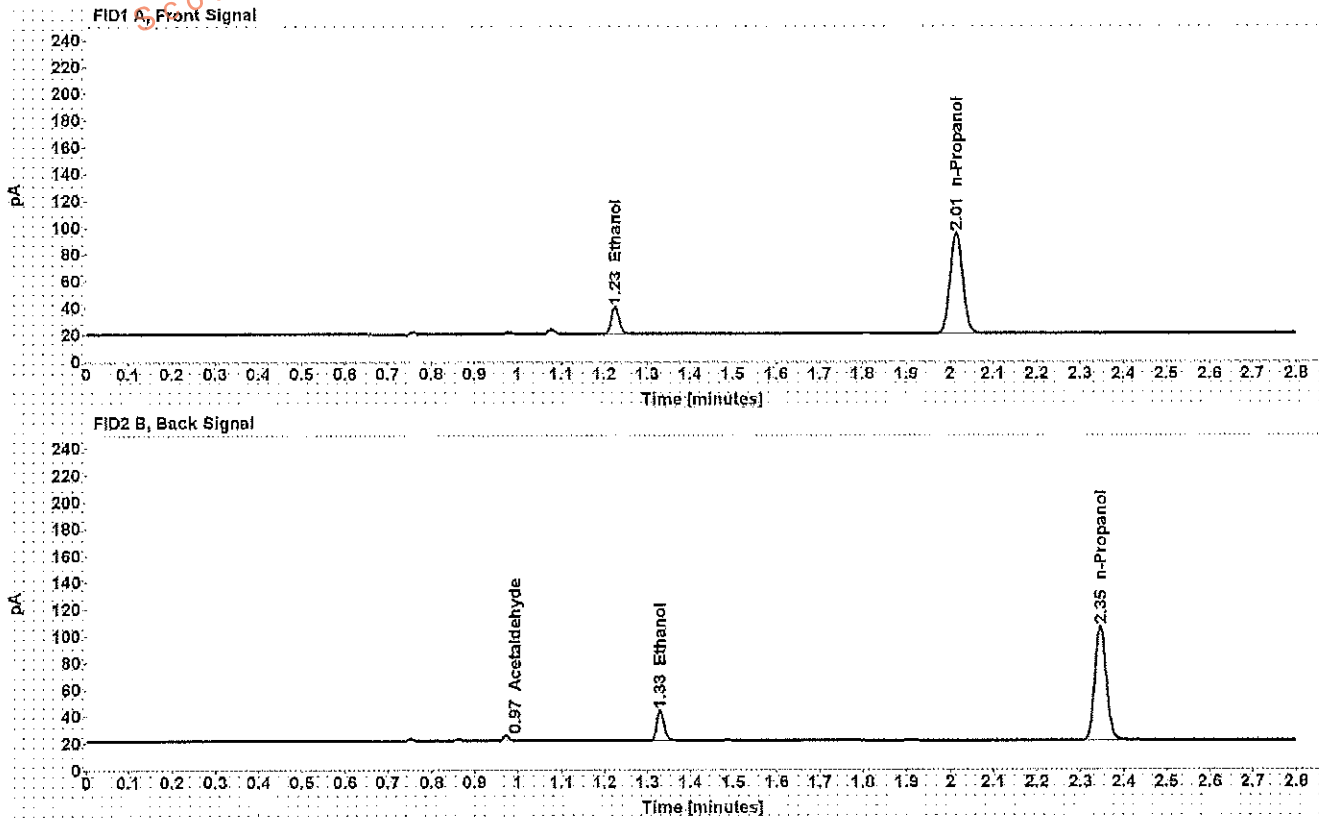


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0461	1.225	25.909
n-Propanol	-----	2.015	153.351

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.891
Ethanol	1.329	26.985
n-Propanol	2.346	158.535

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1107693
Injection date: 1/23/2017 5:54:19 PM	Vial: 40
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\23Jan17\23Jan17\40.D	

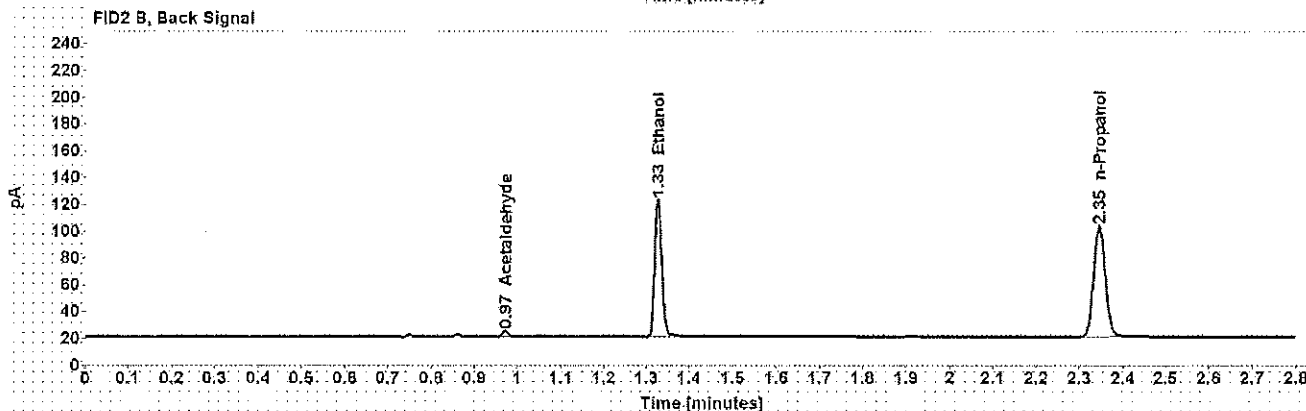
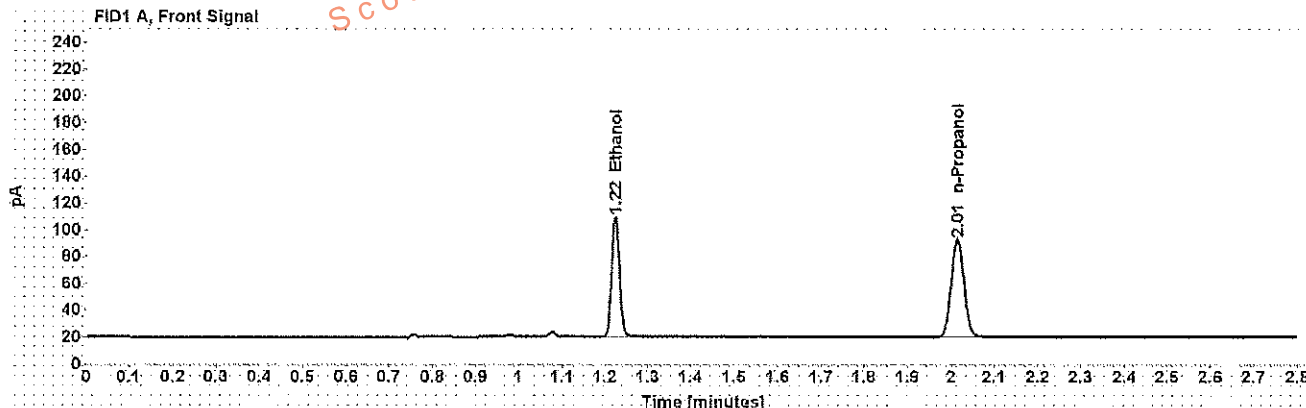


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2086	1.224	114.912
n-Propanol	-----	2.015	148.951

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.903
Ethanol	1.328	118.747
n-Propanol	2.346	153.717

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1107693
Injection date: 1/23/2017 5:58:20 PM	Vial: 41
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\23Jan17\23Jan17141.D	

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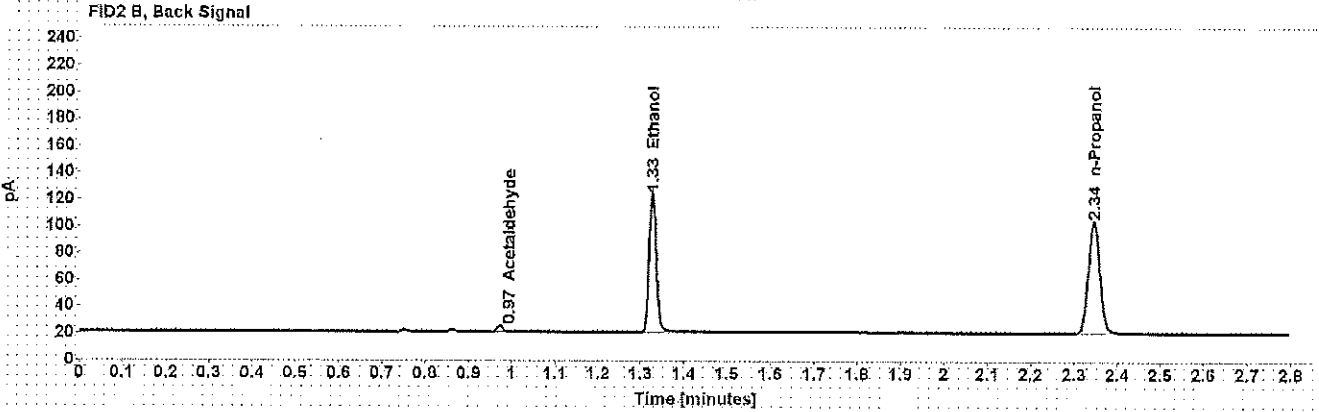
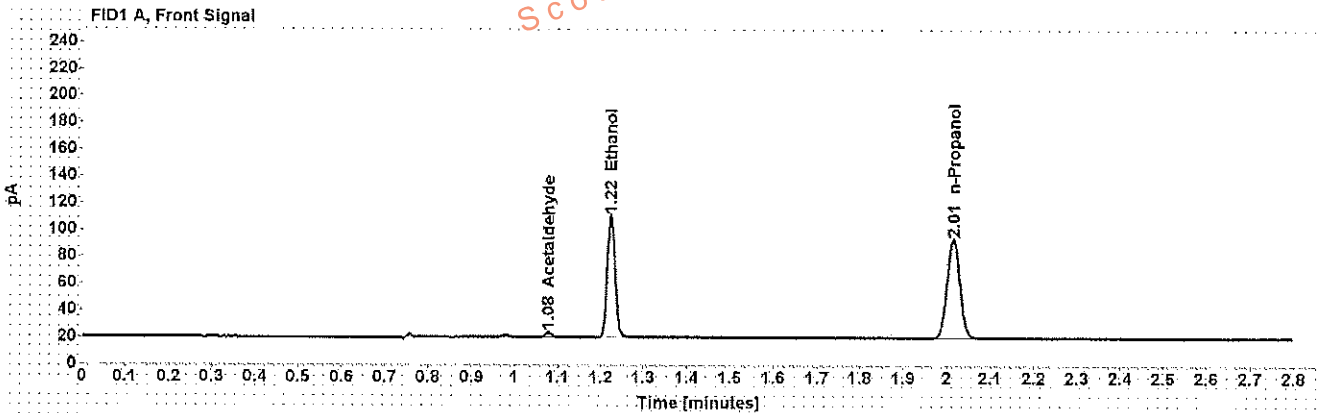


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.875
>Ethanol	0.2085	1.224	116.392
n-Propanol	-----	2.014	150.945

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.187
Ethanol	1.327	120.211
n-Propanol	2.345	155.867

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1129972
Injection date: 1/23/2017 6:06:34 PM	Vial: 43
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
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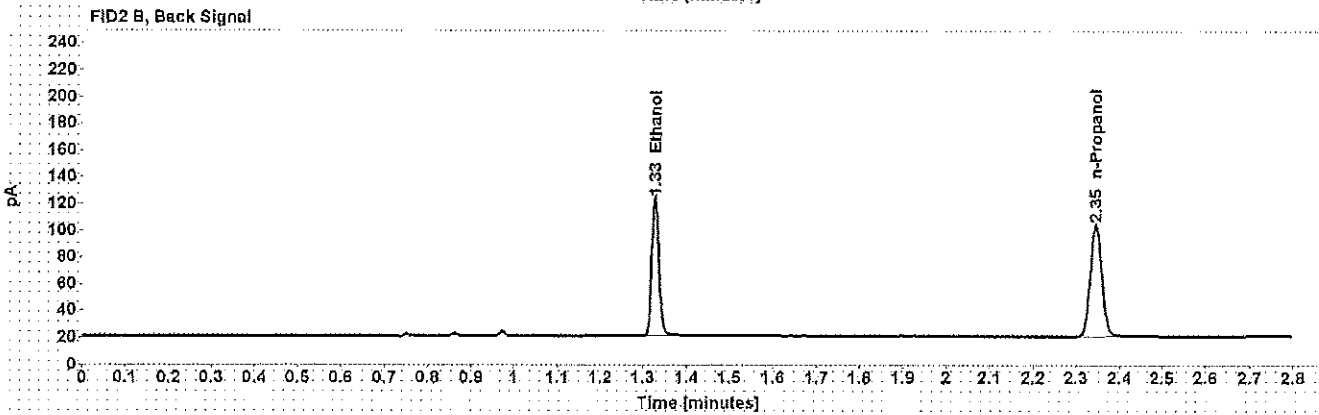
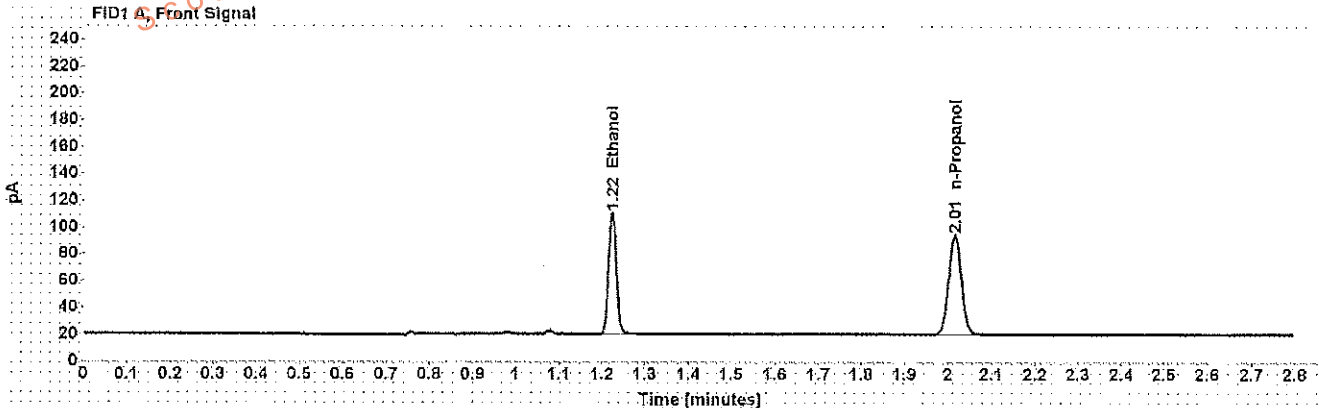


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2078	1.225	115.889
n-Propanol	-----	2.015	150.748

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

Compound	Time (min)	Peak Area
Ethanol	1.328	119.863
n-Propanol	2.346	155.637

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1129972
Injection date: 1/23/2017 6:10:34 PM	Vial: 44
Method: ethanol quant.M	Sequence: 23Jan17
Instrument: US14173023 CN14160045	Analyst: Adrian
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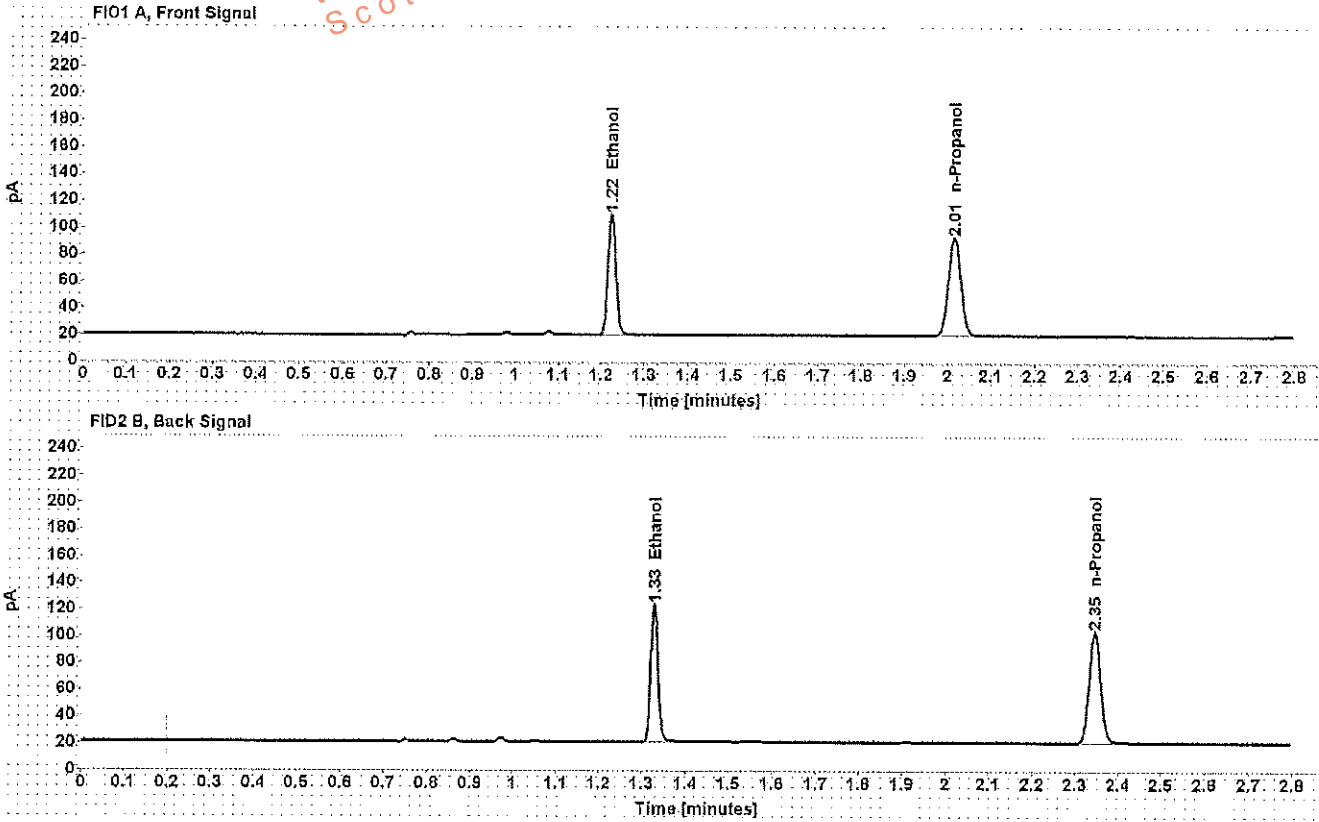


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2085	1.224	115.601
n-Propanol	-----	2.015	149.888

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

Compound	Time (min)	Peak Area
Ethanol	1.328	119.430
n-Propanol	2.346	154.939