

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 08/19/2016 SEQUENCE NAME 19Aug16

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 0.99997
 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 110215
6	volatiles mixture	6 Compounds	6 Compounds	SPD lab 030916ASL
7	aqueous control	0.400 g/dL	0.411g/dL	Lipomed 05012012-C
8	aqueous control	0.040 g/dL	0.041g/dL	Lipomed 30112011-B
9	blood control	0.200 g/dL	0.203g/dL	ACQ 402101060/6
20	aqueous control	0.080 g/dL	0.079g/dL	Lipomed 14112011-A
31	aqueous control	0.150 g/dL	0.151g/dL	Lipomed 11012012-C
42	blood control	0.200 g/dL	0.202g/dL	ACQ 402101060/6
47	aqueous control	0.400 g/dL	0.400g/dL	Lipomed 05012012-C
48	aqueous control	0.040 g/dL	0.040g/dL	Lipomed 30112011-B
49	blood control	0.200 g/dL	0.203g/dL	ACQ 402101060/6
50	blank	Not detected	Not detected	SPD lab 110215

SUBJECT SAMPLES

Subjects in the sequence 17 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected. DR #: 10-25743 was removed from sequence and not tested since it had previously been tested by the Arizona Department of Public Safety.

Run valid
 Run invalid

[Signature]
 Analyst

Run valid
 Run invalid

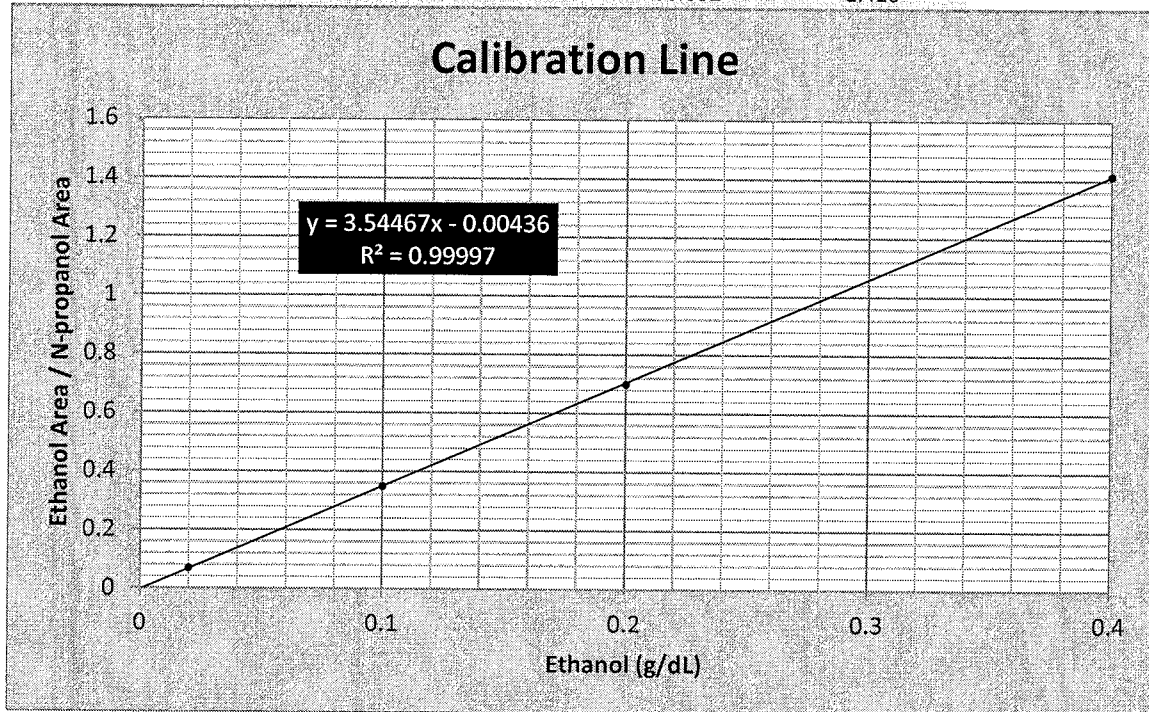
KOSECKI 8/23/16
 Technical Reviewer

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

SEQUENCE NAME: 19Aug16

Control	Visi	Expected Value (g/dL)	Measured Value (g/dL)	Percent Difference	Absolute Difference (g/dl)
1	5	negative	negative	-	-
2	7	0.400	0.411	2.75	0.011
3	8	0.040	0.041	2.50	0.001
4	9	0.200	0.203	1.50	0.003
5	20	0.080	0.079	1.25	-0.001
6	31	0.150	0.151	0.67	0.001
7	42	0.200	0.202	1.00	0.002
8	47	0.400	0.400	0.00	0.000
9	48	0.040	0.040	0.00	0.000
10	49	0.200	0.203	1.50	0.003
11	50	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.697	168.234	0.070
0.100	57.958	165.944	0.349
0.200	118.467	169.202	0.700
0.400	236.196	166.831	1.416



Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: 0.02 Cerilliant FN08101401	Item number: 1
Injection date: 8/19/2016 4:13:03 PM	Vial: 1
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan <i>AL</i>
Data file: C:\Chem3211\Data\19Aug16\1.D	

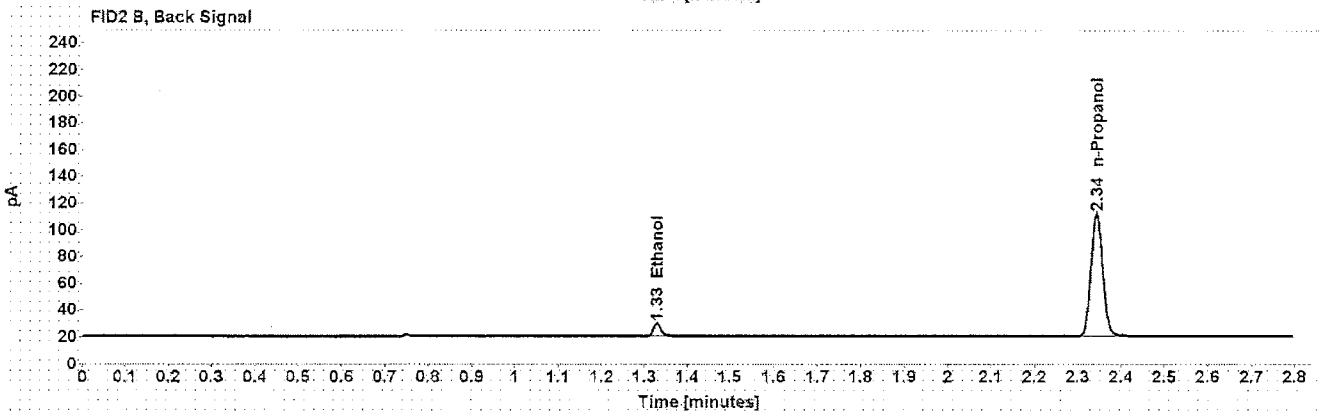
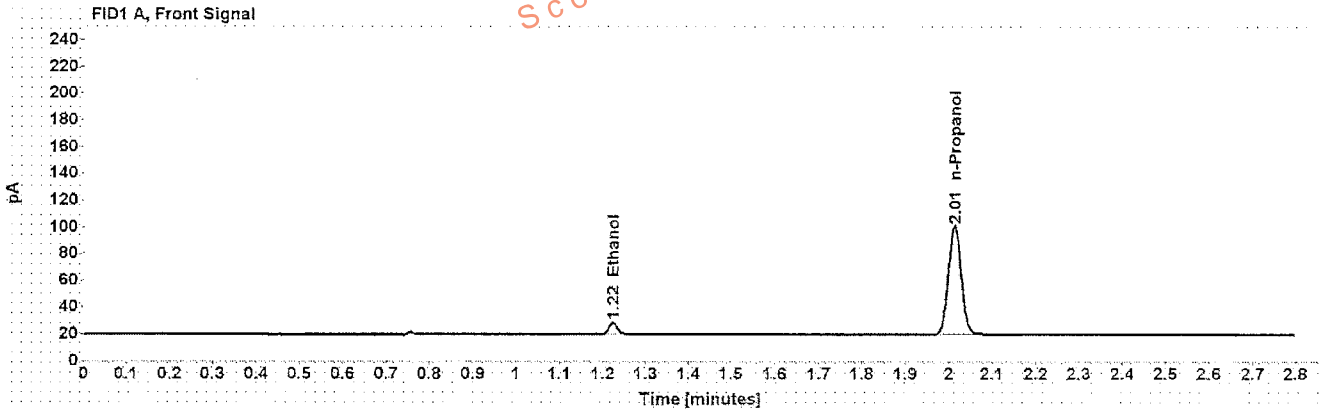


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	11.697
n-Propanol	2.013	168.234

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

Compound	Time (min)	Peak Area
Ethanol	1.328	11.870
n-Propanol	2.343	173.256

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.10 Cerilliant FN06181501	Item number:
Injection date: 8/19/2016 4:17:03 PM	Vial: 2
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan <i>ML</i>
Data file: C:\Chem32\1\Data\19Aug16\2.D	

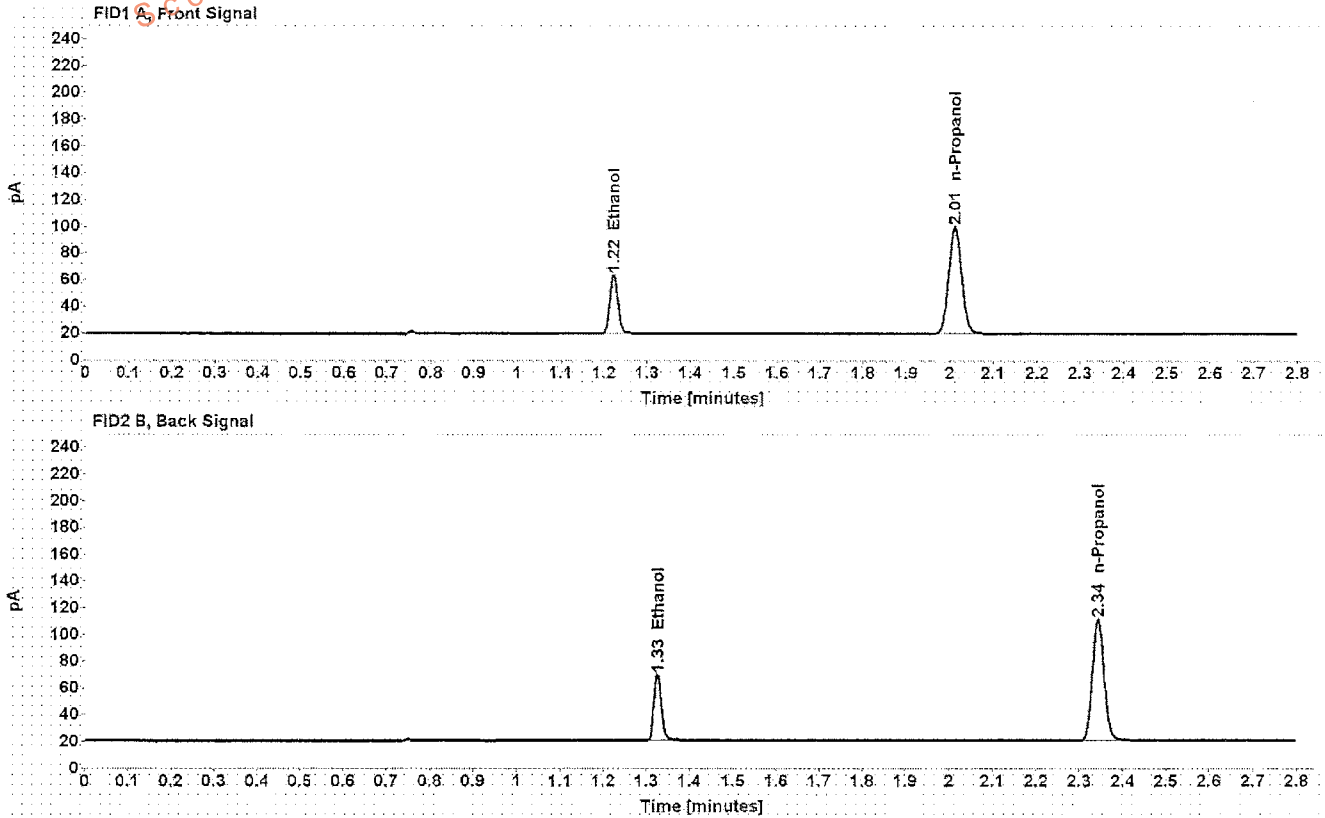


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	57.958
n-Propanol	2.013	165.944

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

Compound	Time (min)	Peak Area
Ethanol	1.325	59.476
n-Propanol	2.343	171.056

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.20 Cerilliant FN07201502	Item number:
Injection date: 8/19/2016 4:21:03 PM	Vial: 3
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan <i>[Signature]</i>
Data file: C:\Chem32\1\Data\19Aug16\3.D	

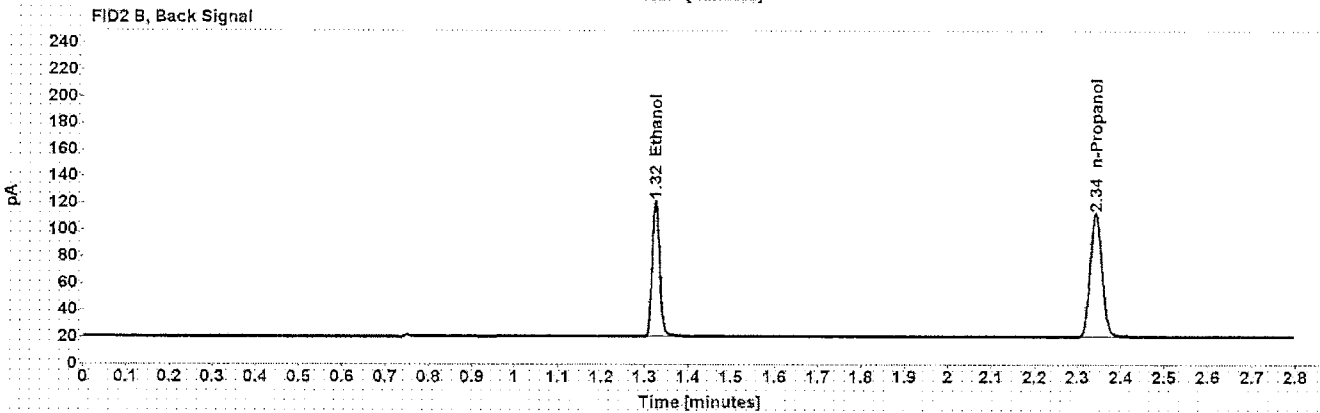
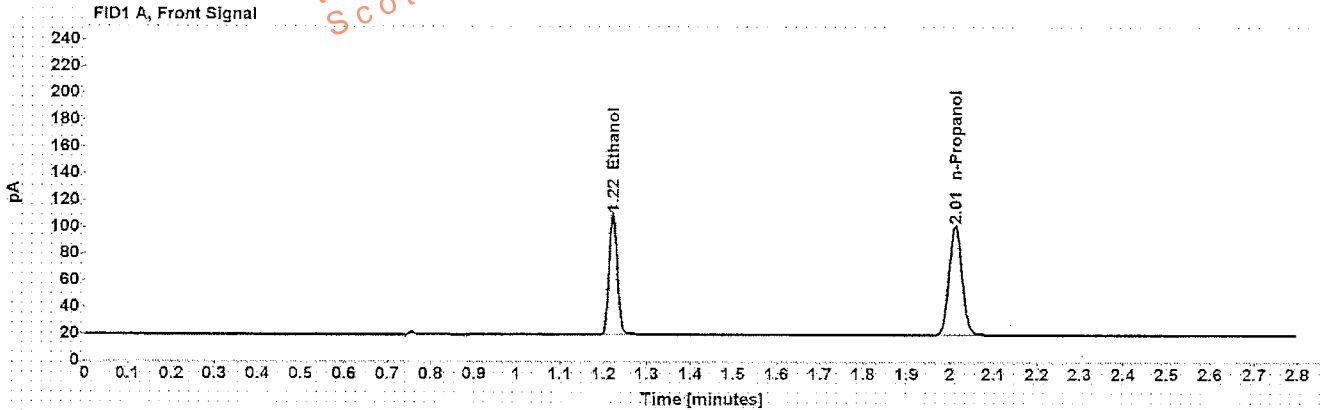


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	118.467
n-Propanol	2.012	169.202

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

Compound	Time (min)	Peak Area
Ethanol	1.324	122.015
n-Propanol	2.342	174.439

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.40 Cerilliant FN11191402	Item number:
Injection date: 8/19/2016 4:25:03 PM	Vial: 4
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan <i>ML</i>
Data file: C:\Chem32\11\Data\19Aug16\4.D	

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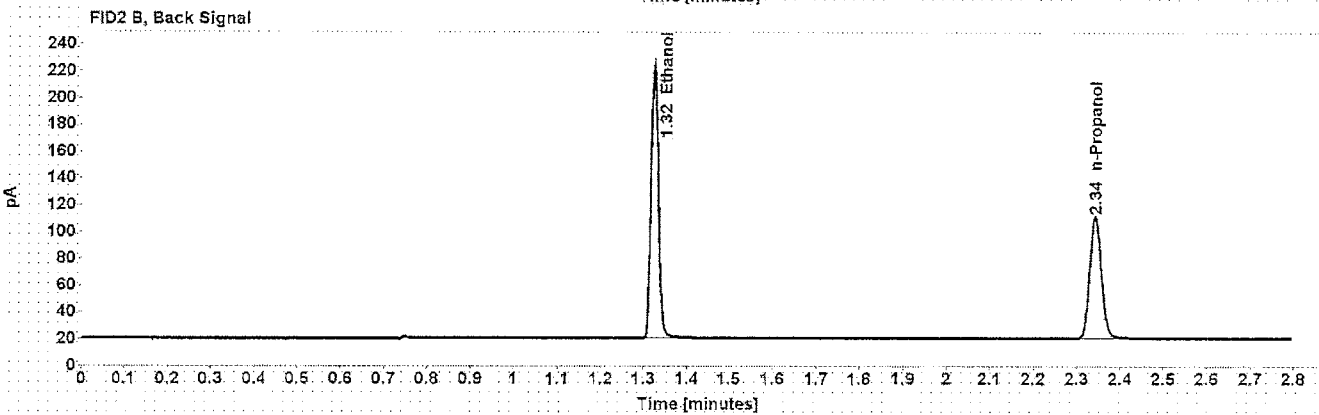
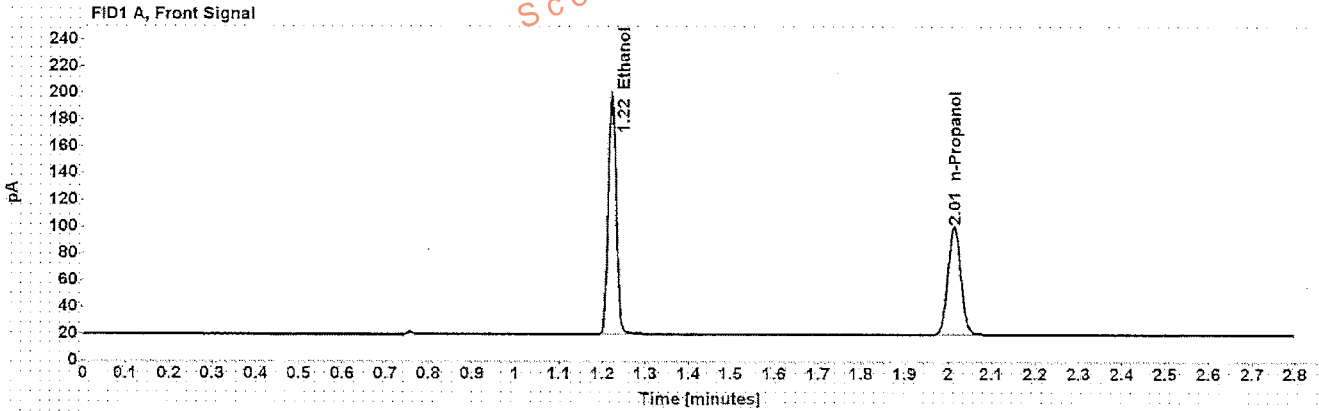


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	236.196
n-Propanol	2.013	166.831

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

Compound	Time (min)	Peak Area
Ethanol	1.325	244.593
n-Propanol	2.343	171.662

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 110215	Item number:
Injection date: 8/19/2016 4:29:03 PM	Vial: 5
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan <i>AL</i>
Data file: C:\Chem3211\Data\19Aug16\5.D	

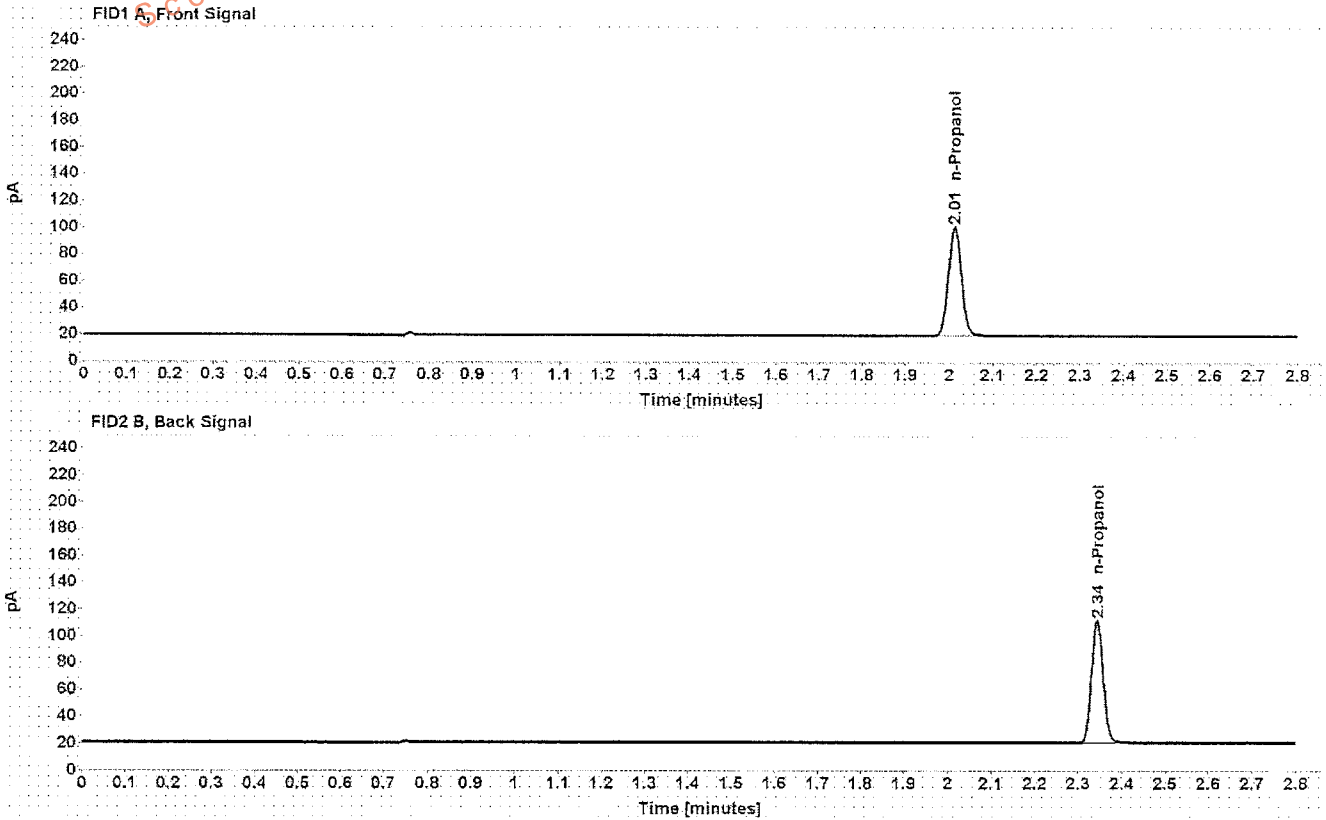


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.013	168.584

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

Compound	Time (min)	Peak Area
n-Propanol	2.343	173.569

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: volatiles mix 030916 ASL	Item number:
Injection date: 8/19/2016 4:33:03 PM	Vial: 6
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan <i>ML</i>
Data file: C:\Chem321\1Data\19Aug16\6.D	

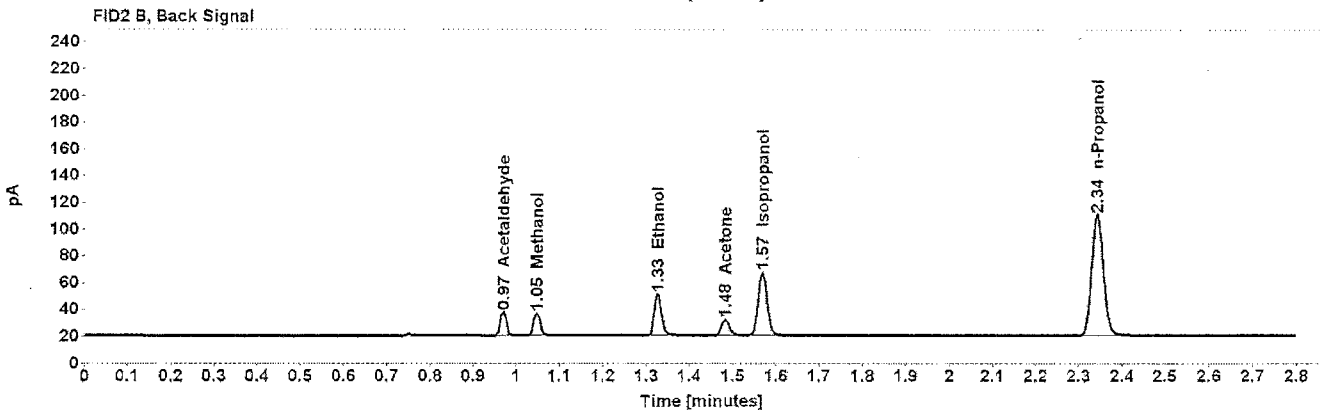
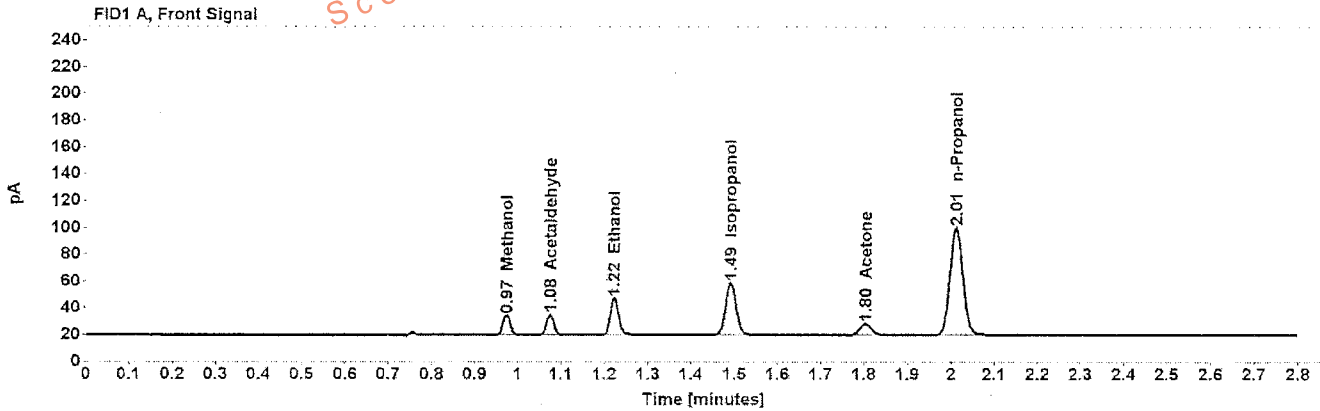


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.974	17.436
Acetaldehyde	-----	1.076	17.295
>Ethanol	0.0629	1.223	36.259
Isopropanol	-----	1.492	65.314
Acetone	-----	1.803	14.857
n-Propanol	-----	2.013	165.881

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.970	18.184
Methanol	1.048	17.885
Ethanol	1.326	37.212
Acetone	1.482	15.167
Isopropanol	1.568	68.028
n-Propanol	2.343	170.938

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.40 Lipomed 05012012-C	Item number:
Injection date: 8/19/2016 4:37:18 PM	Vial: 7
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan <i>AL</i>
Data file: C:\Chem32\1\Data\19Aug16\7.D	

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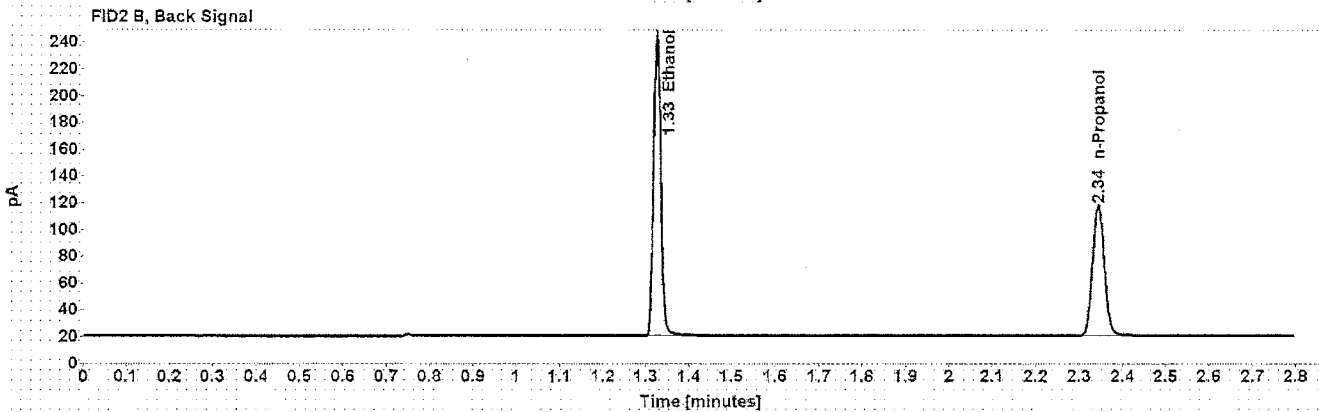
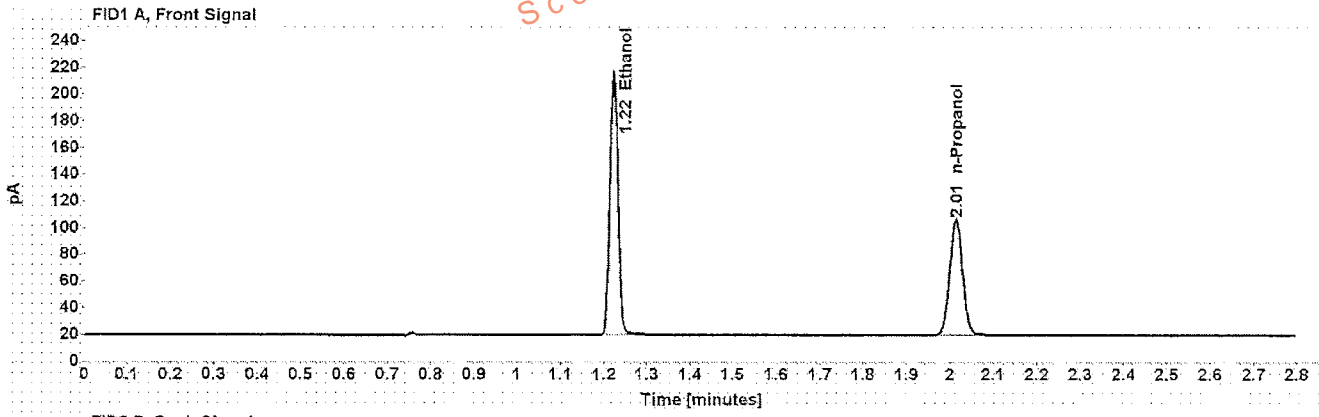


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4113	1.222	259.775
n-Propanol	-----	2.013	178.718

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

Compound	Time (min)	Peak Area
Ethanol	1.325	269.038
n-Propanol	2.344	184.210

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.04 Lipomed 30112011-B	Item number:
Injection date: 8/19/2016 4:41:18 PM	Vial: 8
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan <i>ML</i>
Data file: C:\Chem3211\Data\19Aug16\8.D	

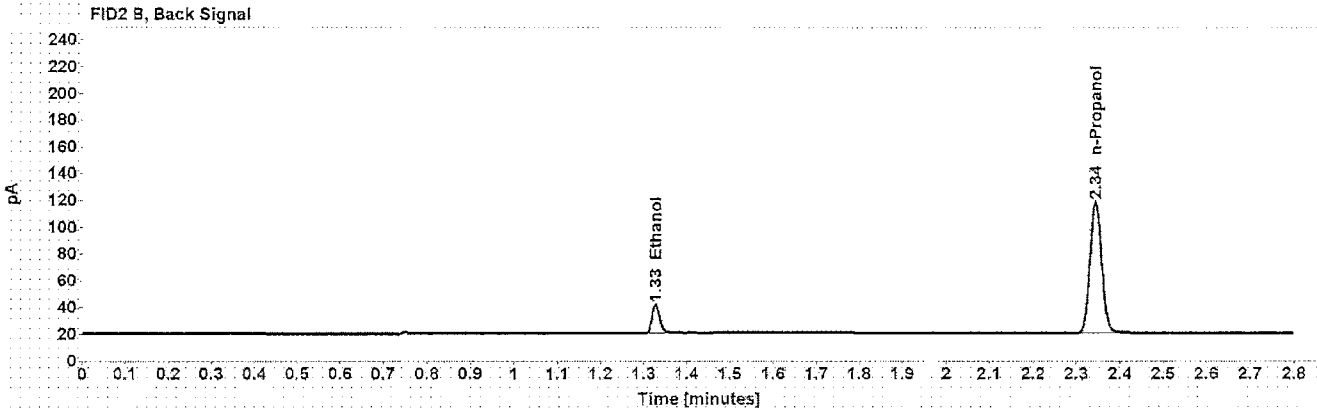
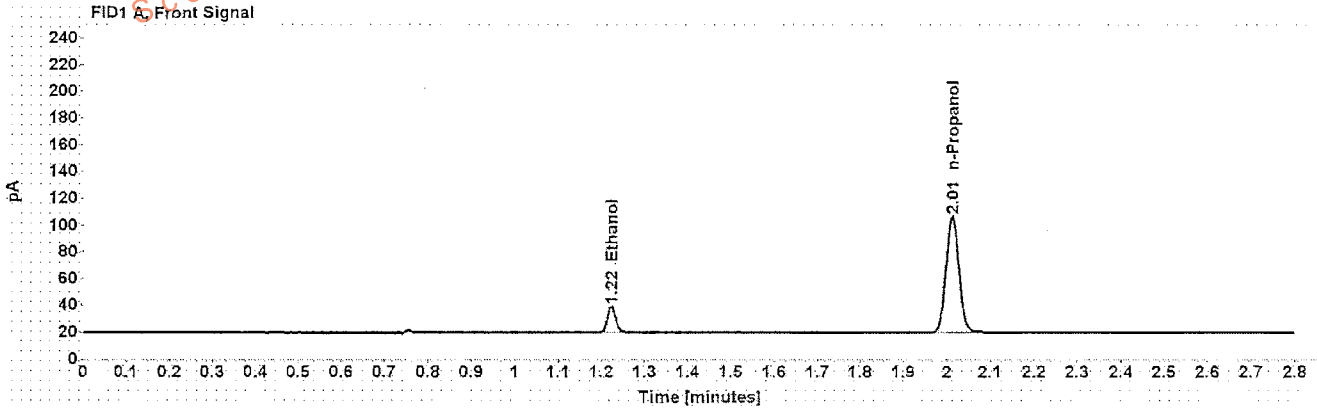


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.224	25.361
n-Propanol	-----	2.013	179.855

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

Compound	Time (min)	Peak Area
Ethanol	1.327	25.939
n-Propanol	2.344	185.309

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.20 ACQ 402101060/6	Item number:
Injection date: 8/19/2016 4:45:18 PM	Vial: 9
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan <i>ML</i>
Data file: C:\Chem32\11\Data\19Aug16\9.D	

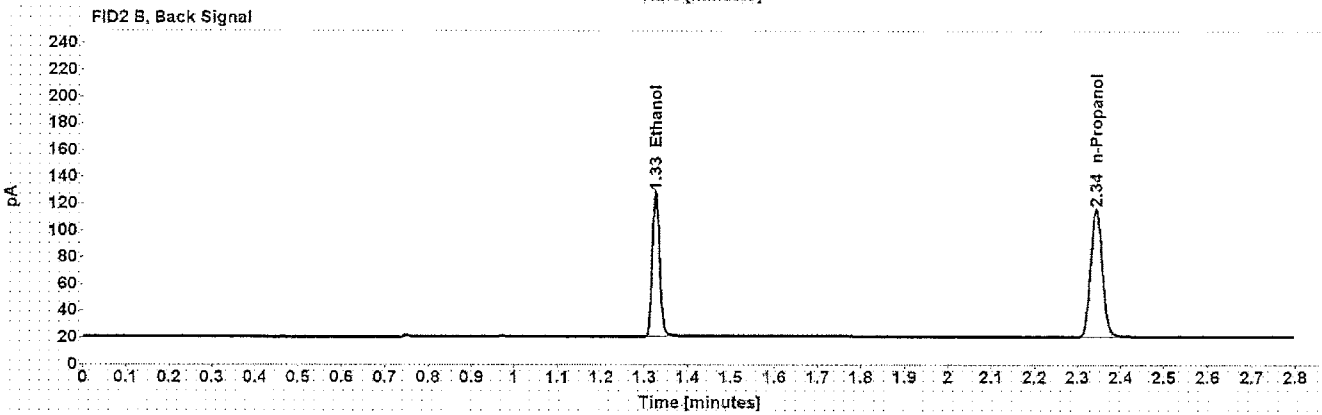
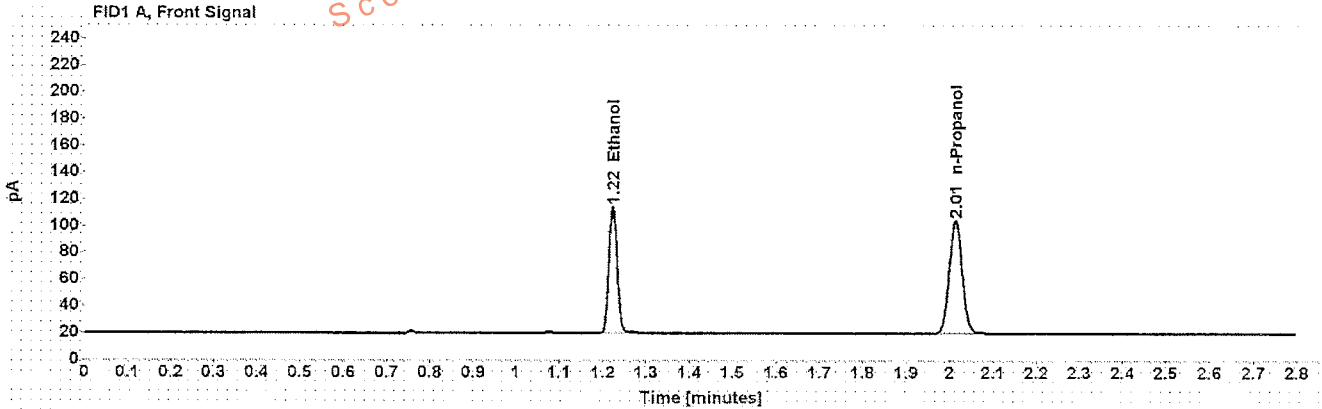


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2032	1.223	125.248
n-Propanol	-----	2.013	174.912

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

Compound	Time (min)	Peak Area
Ethanol	1.326	128.807
n-Propanol	2.344	180.549

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.080 Lipomed 14112011-A	Item number:
Injection date: 8/19/2016 5:29:49 PM	Vial: 20
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan <i>ML</i>
Data file: C:\Chem32\1\Data\19Aug16\20.D	

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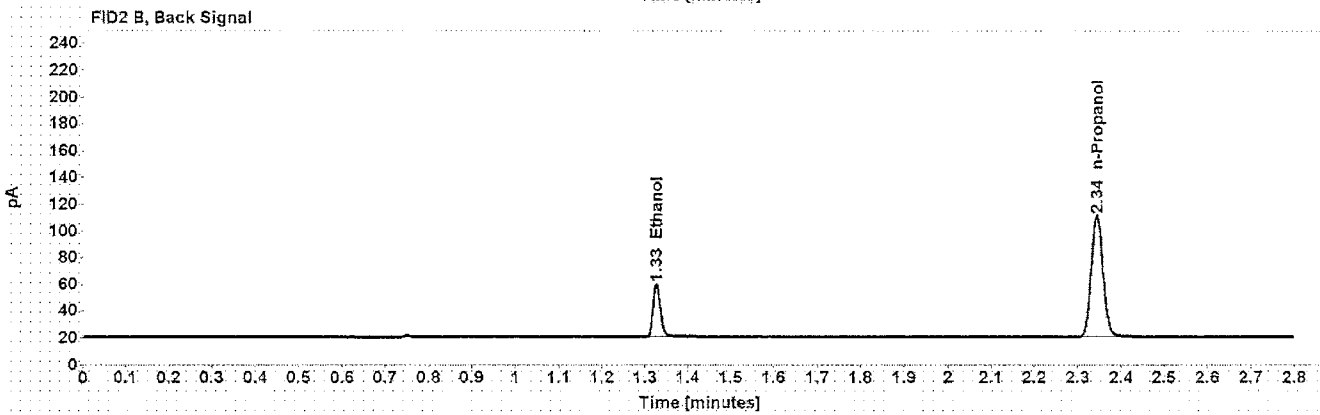
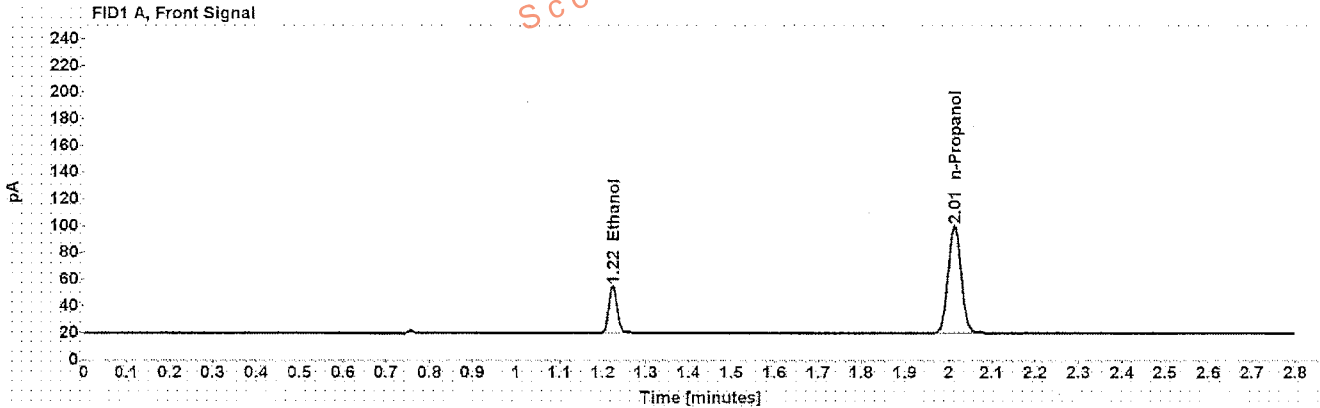


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0799	1.223	46.338
n-Propanol	-----	2.013	166.233

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

Compound	Time (min)	Peak Area
Ethanol	1.326	47.540
n-Propanol	2.344	171.193

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.150 Lipomed 11012012-c	Item number:
Injection date: 8/19/2016 6:14:18 PM	Vial: 31
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan <i>AL</i>
Data file: C:\Chem32\1\NData\19Aug16\31.D	

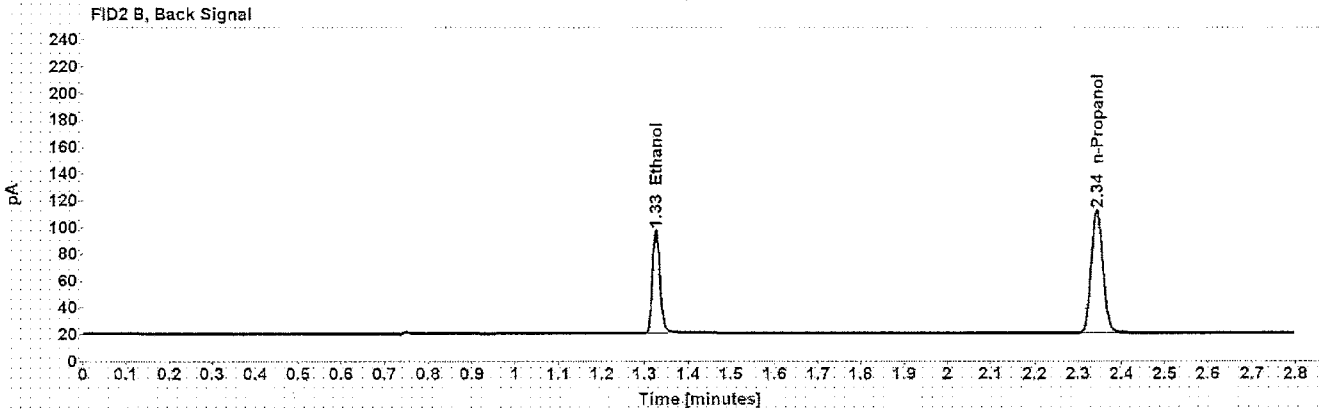
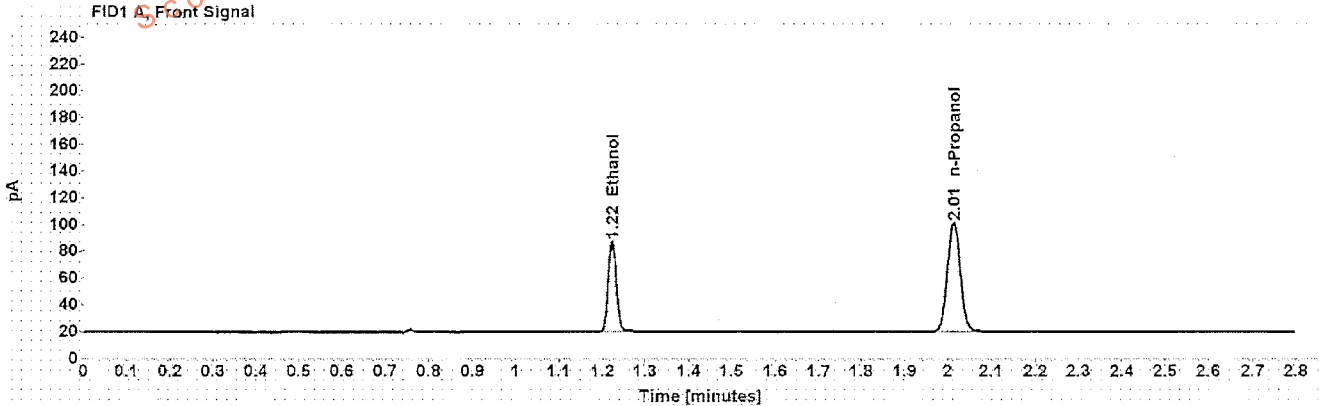


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1518	1.223	89.980
n-Propanol	-----	2.013	168.627

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

Compound	Time (min)	Peak Area
Ethanol	1.326	92.520
n-Propanol	2.344	173.566

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.20 ACQ 402101060/6	Item number:
Injection date: 8/19/2016 6:58:34 PM	Vial: 42
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan <i>ML</i>
Data file: C:\Chem3211\Data\19Aug16\42.D	

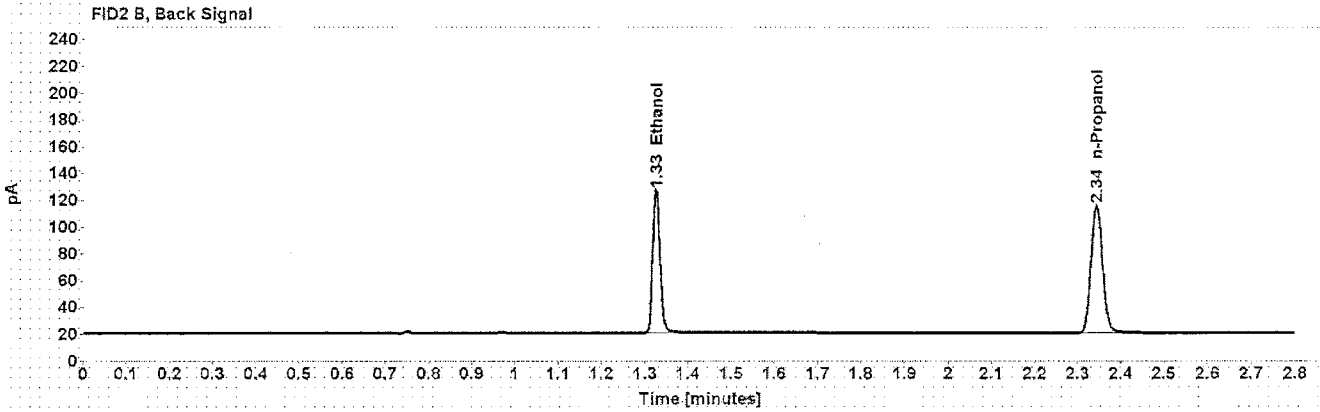
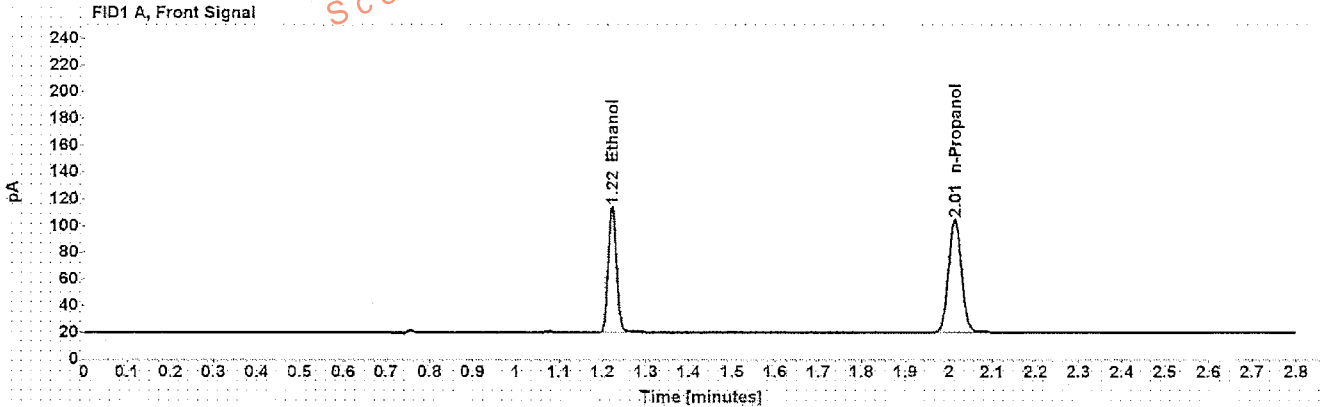


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2027	1.223	124.708
n-Propanol	-----	2.013	174.604

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

Compound	Time (min)	Peak Area
Ethanol	1.326	128.256
n-Propanol	2.344	180.033

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: 0.40 Lipomed 05012012-C	Item number:
Injection date: 8/19/2016 7:18:48 PM	Vial: 47
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan <i>AL</i>
Data file: C:\Chem32\1\Data\19Aug16\47.D	

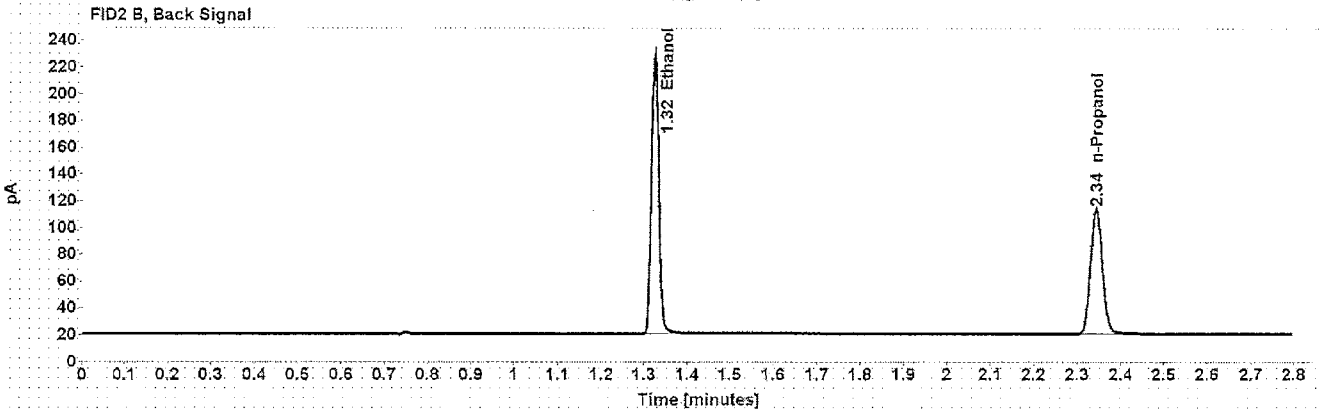
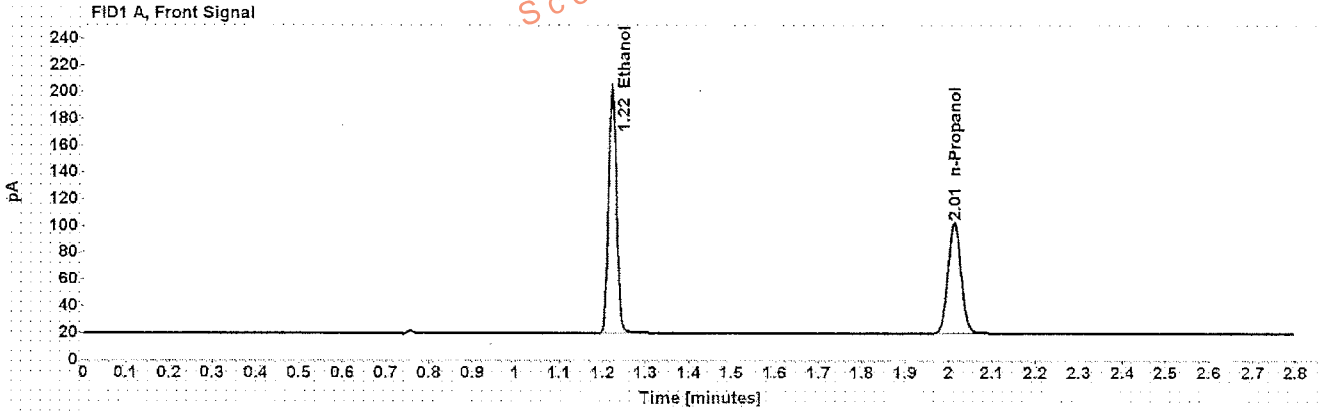


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4002	1.222	242.046
n-Propanol	-----	2.013	171.163

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

Compound	Time (min)	Peak Area
Ethanol	1.325	250.010
n-Propanol	2.343	176.261

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.04 Lipomed 30112011-B	Item number:
Injection date: 8/19/2016 7:22:48 PM	Vial: 48
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan <i>AA</i>
Data file: C:\Chem32\1\Data\19Aug16\48.D	

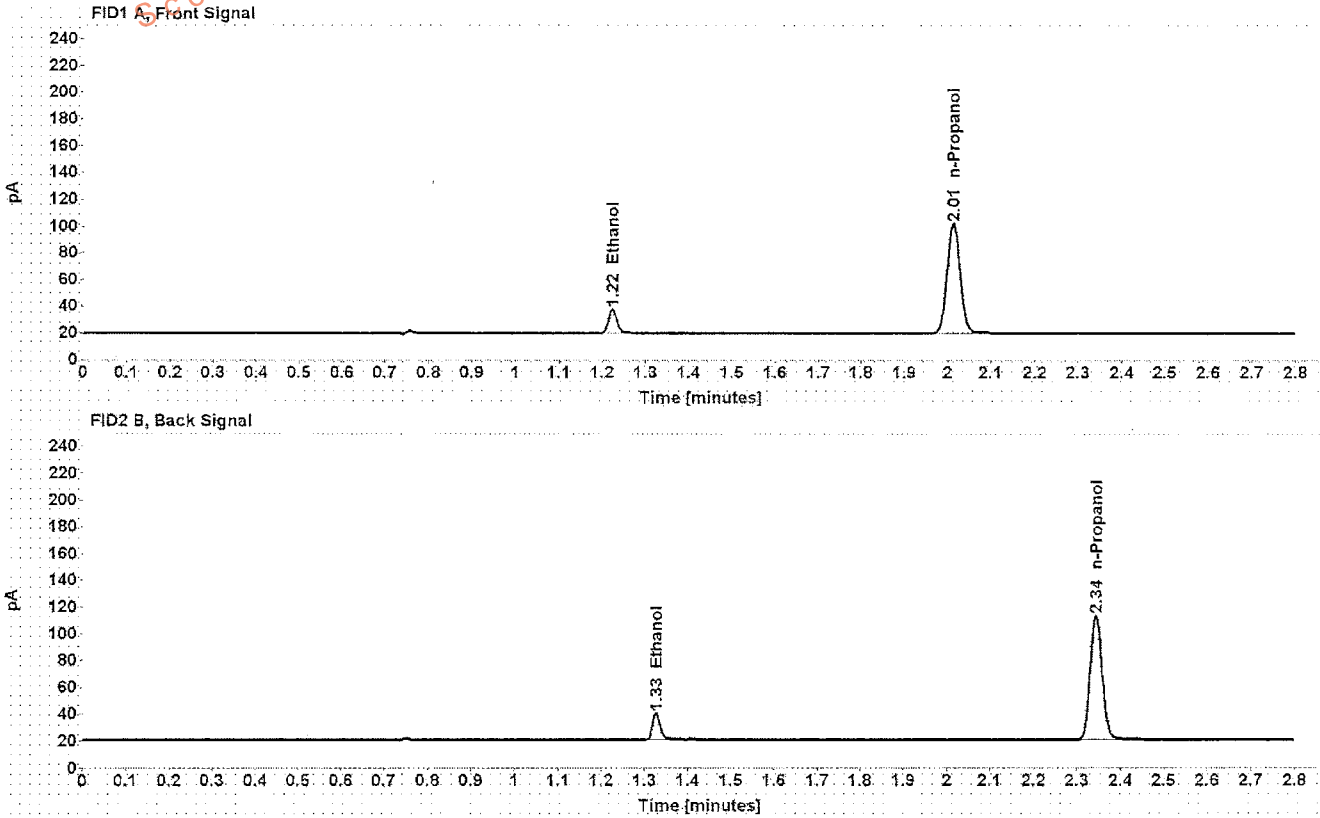


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0400	1.224	23.394
n-Propanol	-----	2.013	170.086

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

Compound	Time (min)	Peak Area
Ethanol	1.327	23.907
n-Propanol	2.343	175.140

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.20 ACQ 402101060/6	Item number:
Injection date: 8/19/2016 7:27:03 PM	Vial: 49
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan <i>AL</i>
Data file: C:\Chem3211\Data\19Aug16\49.D	

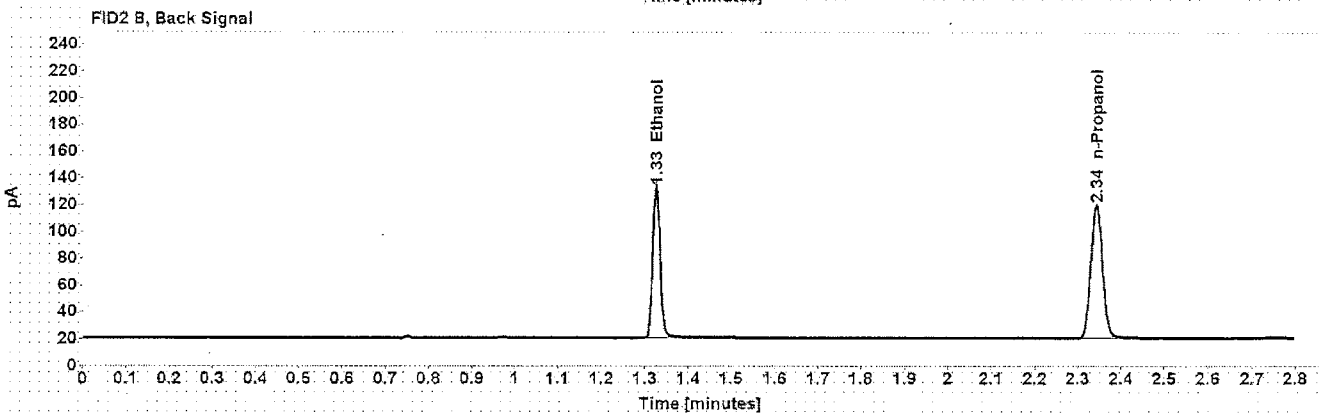
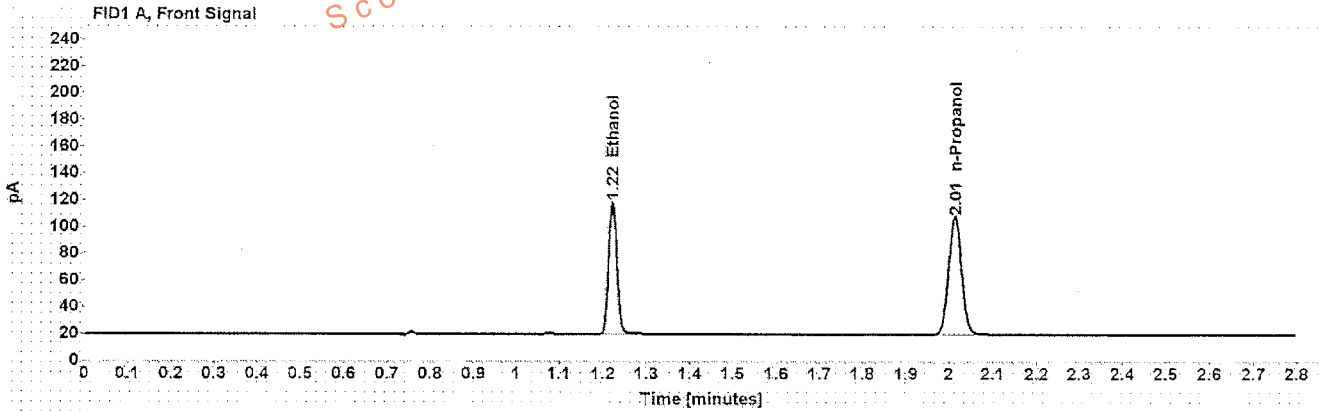


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2037	1.222	130.918
n-Propanol	-----	2.013	182.389

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

Compound	Time (min)	Peak Area
Ethanol	1.325	135.144
n-Propanol	2.343	188.421

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: blank 110215	Item number:
Injection date: 8/19/2016 7:31:03 PM	Vial: 50
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan <i>AL</i>
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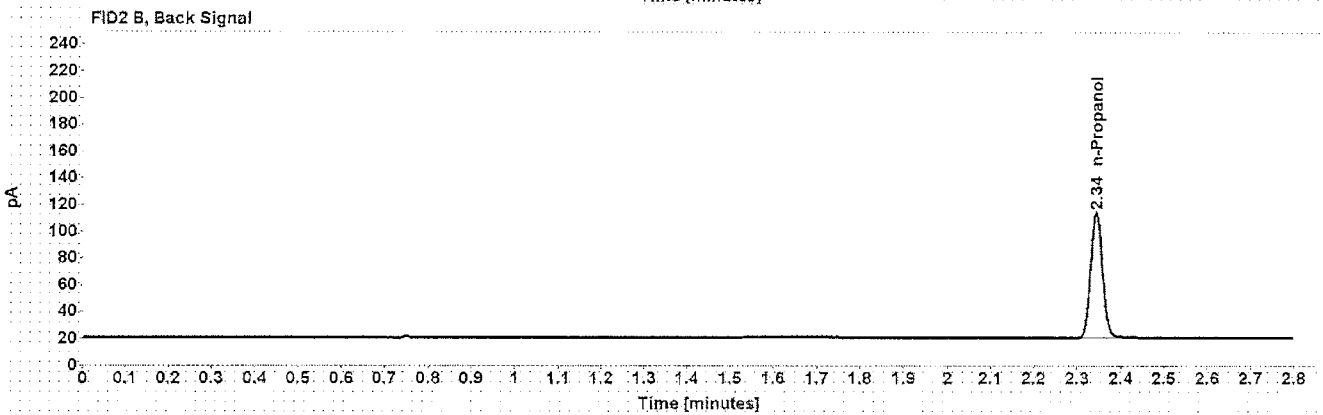
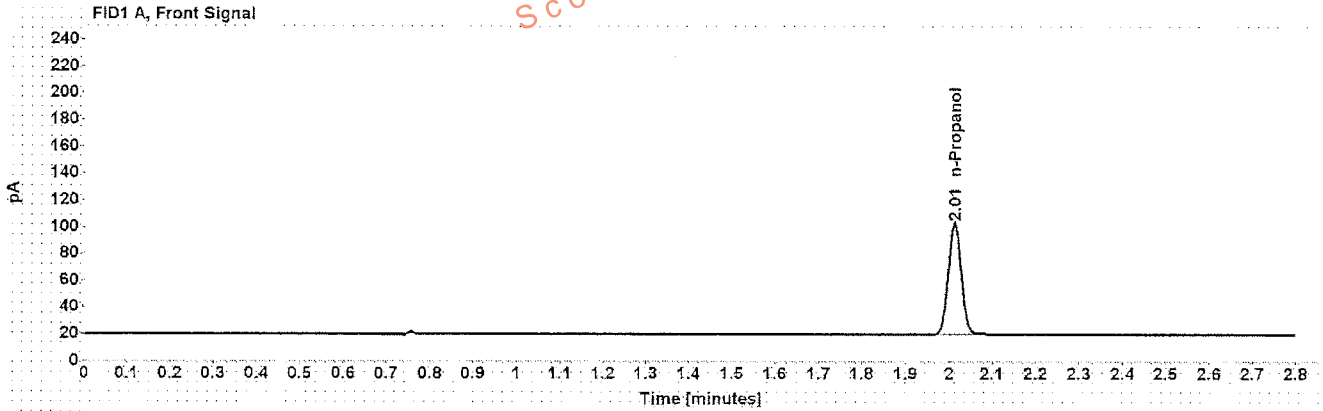


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.013	172.903

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

Compound	Time (min)	Peak Area
n-Propanol	2.343	178.244

Sequence Summary

Sequence name: 19Aug16 Instrument: US14173023 CN14160045 Analyst: Langan *ML*

Vial	Sample	Type	Item Number	Method
1	0.02 Cerilliant FN08101401	Calibration		ethanol quant.M
2	0.10 Cerilliant FN06181501	Calibration		ethanol quant.M
3	0.20 Cerilliant FN07201502	Calibration		ethanol quant.M
4	0.40 Cerilliant FN11191402	Calibration		ethanol quant.M
5	blank 110215	Control		ethanol quant.M
6	volatiles mix 030916 ASL	Control		ethanol quant.M
7	0.40 Lipomed 05012012-C	Control		ethanol quant.M
8	0.04 Lipomed 30112011-B	Control		ethanol quant.M
9	0.20 ACQ 402101060/6	Control		ethanol quant.M
10	L16 [REDACTED]	Sample	1083965	ethanol quant.M
11	L16 [REDACTED]	Sample	1083965	ethanol quant.M
12	L16 [REDACTED]	Sample	1106697	ethanol quant.M
13	L16 [REDACTED]	Sample	1106697	ethanol quant.M
14	L16 [REDACTED]	Sample	1105760	ethanol quant.M
15	L16 [REDACTED]	Sample	1105760	ethanol quant.M
16	L16 [REDACTED]	Sample	1105899	ethanol quant.M
17	L16 [REDACTED]	Sample	1105899	ethanol quant.M
18	L16 [REDACTED]	Sample	1105997	ethanol quant.M
19	L16 [REDACTED]	Sample	1105997	ethanol quant.M
20	0.080 Lipomed 14112011-A	Control		ethanol quant.M
21	L16 [REDACTED]	Sample	1106525	ethanol quant.M
22	L16 [REDACTED]	Sample	1106525	ethanol quant.M
23	L16 [REDACTED]	Sample	1107059	ethanol quant.M
24	L16 [REDACTED]	Sample	1107059	ethanol quant.M
25	L16 [REDACTED]	Sample	1106533	ethanol quant.M
26	L16 [REDACTED]	Sample	1106533	ethanol quant.M
27	L16 [REDACTED]	Sample	1057476	ethanol quant.M
28	L16 [REDACTED]	Sample	1057476	ethanol quant.M
29	L16 [REDACTED]	Sample	1108254	ethanol quant.M
30	L16 [REDACTED]	Sample	1108254	ethanol quant.M
31	0.150 Lipomed 11012012-C	Control		ethanol quant.M
32	L16 [REDACTED]	Sample	1105879	ethanol quant.M
33	L16 [REDACTED]	Sample	1105879	ethanol quant.M
34	L16 [REDACTED]	Sample	1107070	ethanol quant.M
35	L16 [REDACTED]	Sample	1107070	ethanol quant.M
36	L16 [REDACTED]	Sample	1106893	ethanol quant.M
37	L16 [REDACTED]	Sample	1106893	ethanol quant.M
38	L16 [REDACTED]	Sample	1107539	ethanol quant.M
39	L16 [REDACTED]	Sample	1107539	ethanol quant.M
40	L16 [REDACTED]	Sample	1107321	ethanol quant.M
41	L16 [REDACTED]	Sample	1107321	ethanol quant.M
42	0.20 ACQ 402101060/6	Control		ethanol quant.M
43	L16 [REDACTED]	Sample	1108061	ethanol quant.M
44	L16 [REDACTED]	Sample	1108061	ethanol quant.M
45	L16 [REDACTED]	Sample	1107887	ethanol quant.M
46	L16 [REDACTED]	Sample	1107887	ethanol quant.M
47	0.40 Lipomed 05012012-C	Control		ethanol quant.M

Sequence Summary

48	0.04 Lipomed 30112011-B	Control	ethanol quant.M
49	0.20 ACQ 402101060/6	Control	ethanol quant.M
50	blank 110215	Control	ethanol quant.M

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Scottsdale City Prosecutor

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY
SEQUENCE SUMMARY OF CASES

SEQUENCE NAME: 19Aug16

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference	Absolute Difference (g/dL)*
10 11	0.2241	0.2231	0.22360	0.22	0.00050
12 13	0.1959	0.1972	0.19655	0.33	0.00065
14 15	0.3866	0.3855	0.38605	0.14	0.00055
16 17	0.1894	0.1906	0.19000	0.32	0.00060
18 19	0.1577	0.1573	0.15750	0.13	0.00020
21 22	0.1665	0.1681	0.16730	0.48	0.00080
23 24	0.1602	0.1612	0.16070	0.31	0.00050
25 26	0.2374	0.2342	0.23580	0.68	0.00160
27 28	0.1039	0.1037	0.10380	0.10	0.00010
29 30	0.0338	0.0344	0.03410	0.88	0.00030
32 33	0.1690	0.1690	0.16900	0.00	0.00000
34 35	0.1758	0.1756	0.17570	0.06	0.00010
36 37	0.1907	0.1893	0.19000	0.37	0.00070
38 39	0.1470	0.1469	0.14695	0.03	0.00005
40 41	0.2230	0.2184	0.22070	1.04	0.00230
43 44	0.1716	0.1730	0.17230	0.41	0.00070
45 46	0.1547	0.1581	0.15640	1.09	0.00170

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1083965
Injection date: 8/19/2016 4:49:18 PM	Vial: 10
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14178023 CN14160045	Analyst: Langan
Data file: C:\Chem32\11Data\19Aug16\10.D	

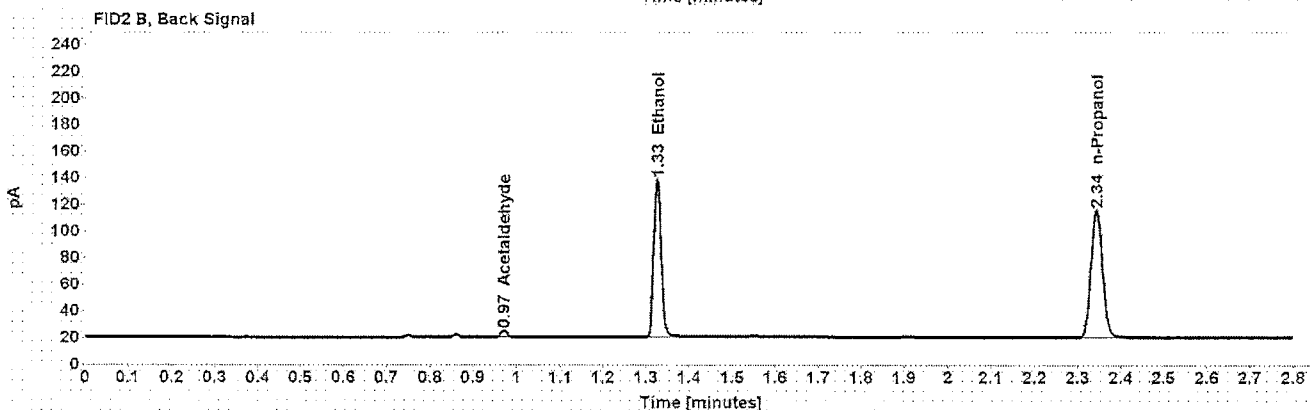
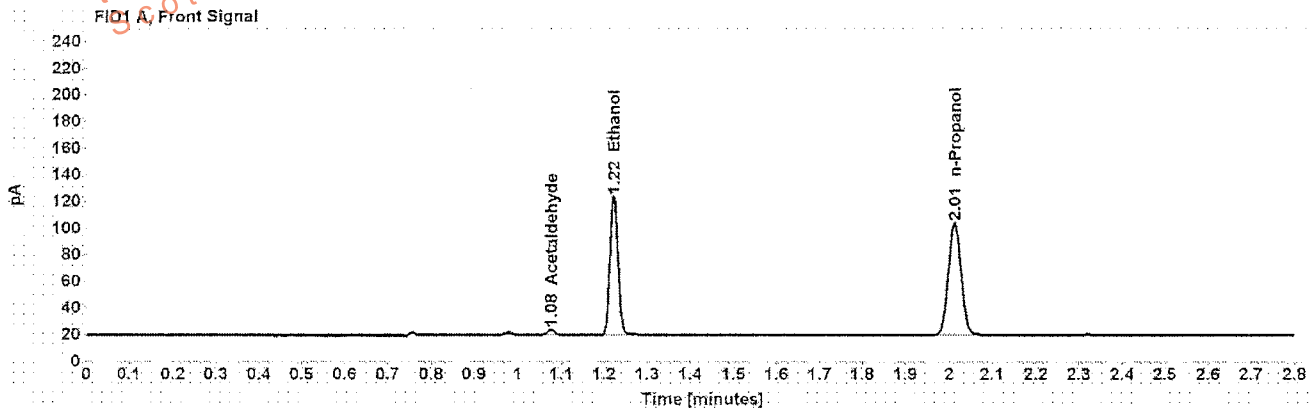


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	4.627
>Ethanol	0.2241	1.222	137.522
n-Propanol	-----	2.013	174.072

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.971	4.857
Ethanol	1.325	142.055
n-Propanol	2.343	180.065

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1083965
Injection date:	8/19/2016 4:53:18 PM	Vial:	11
Method:	ethanol quant.M	Sequence:	19Aug16
Instrument:	US14173023 CN14160045	Analyst:	Langan
Data file:	C:\Chem3211\Data\19Aug16\1.D		

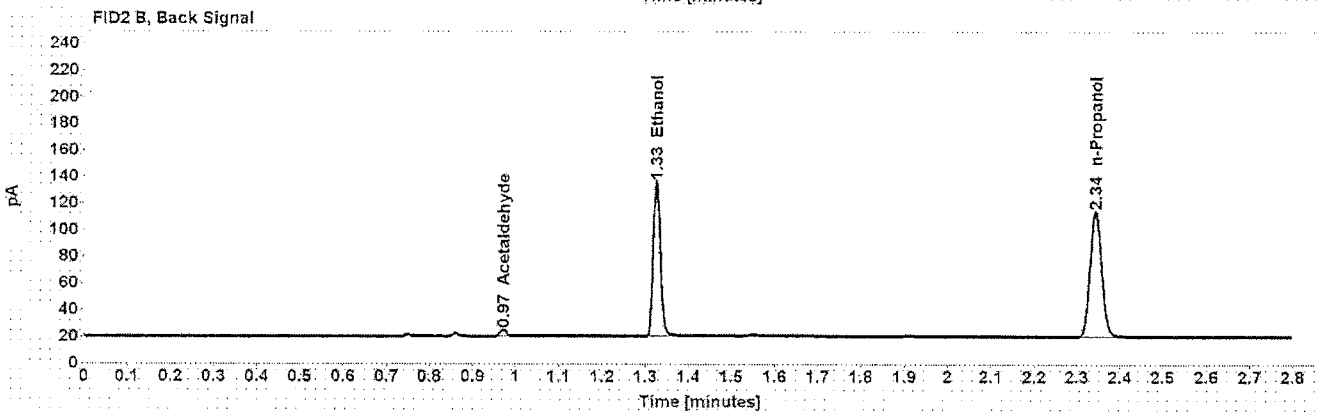
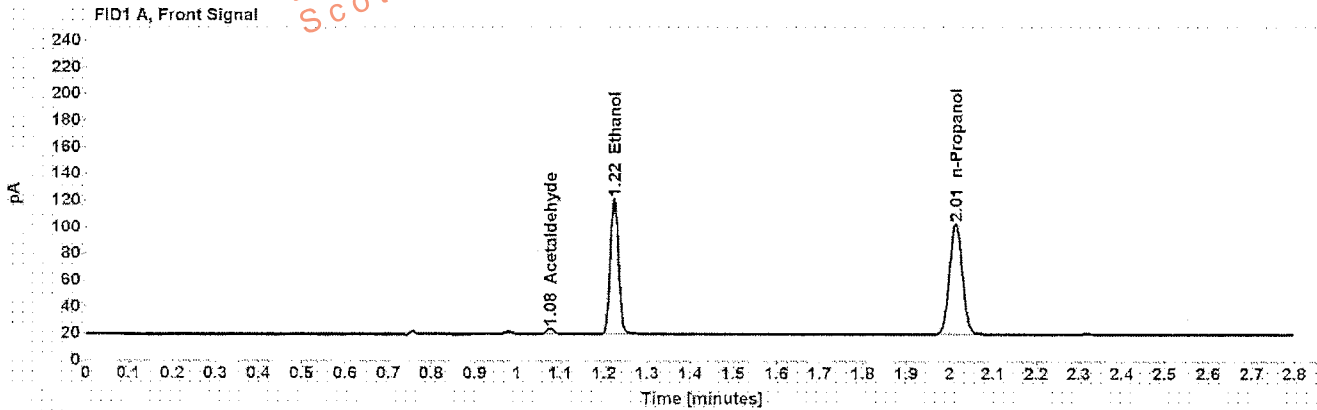


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.604
>Ethanol	0.2231	1.223	134.721
n-Propanol	-----	2.013	171.339

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.971	4.861
Ethanol	1.326	139.222
n-Propanol	2.344	177.271

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1106697
Injection date:	8/19/2016 4:57:18 PM	Vial:	12
Method:	ethanol quant.M	Sequence:	19Aug16
Instrument:	US14173023 CN14160045	Analyst:	Langan
Data file:	C:\Chem32\1\Data\19Aug16\12.b		

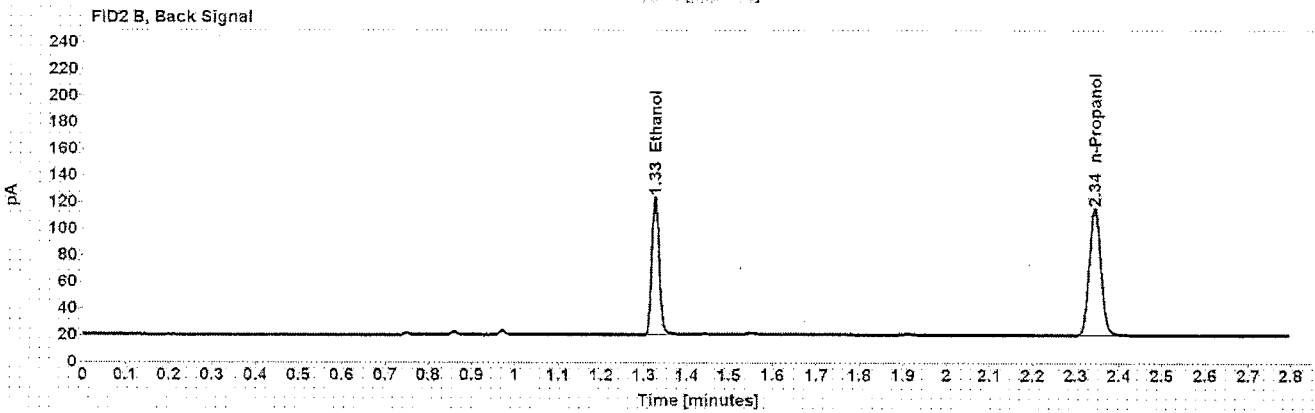
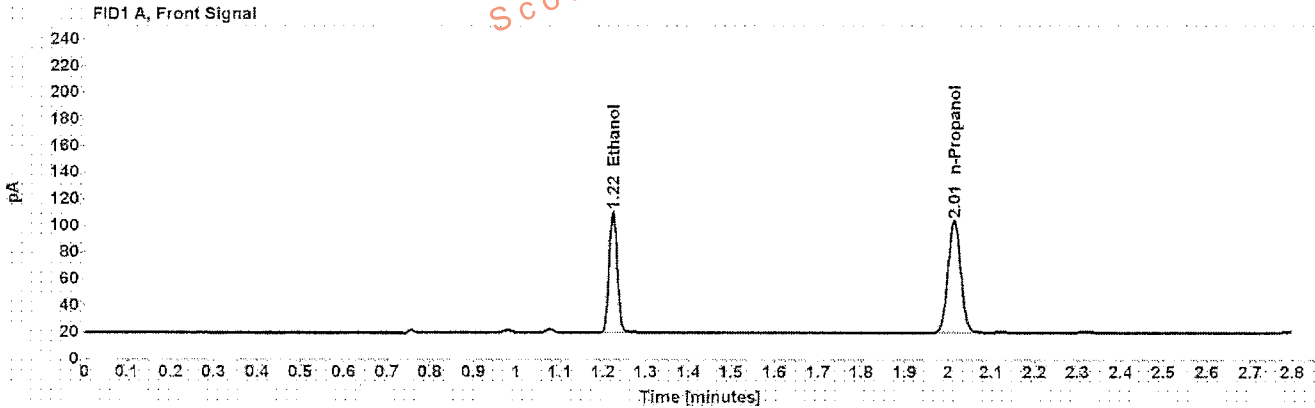


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1959	1.223	120.484
n-Propanol	-----	2.013	174.611

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

Compound	Time (min)	Peak Area
Ethanol	1.326	124.253
n-Propanol	2.344	179.271

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1106697
Injection date: 8/19/2016 5:01:33 PM	Vial: 13
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan
Data file: C:\Chem3211\Data\19Aug16\13.D	

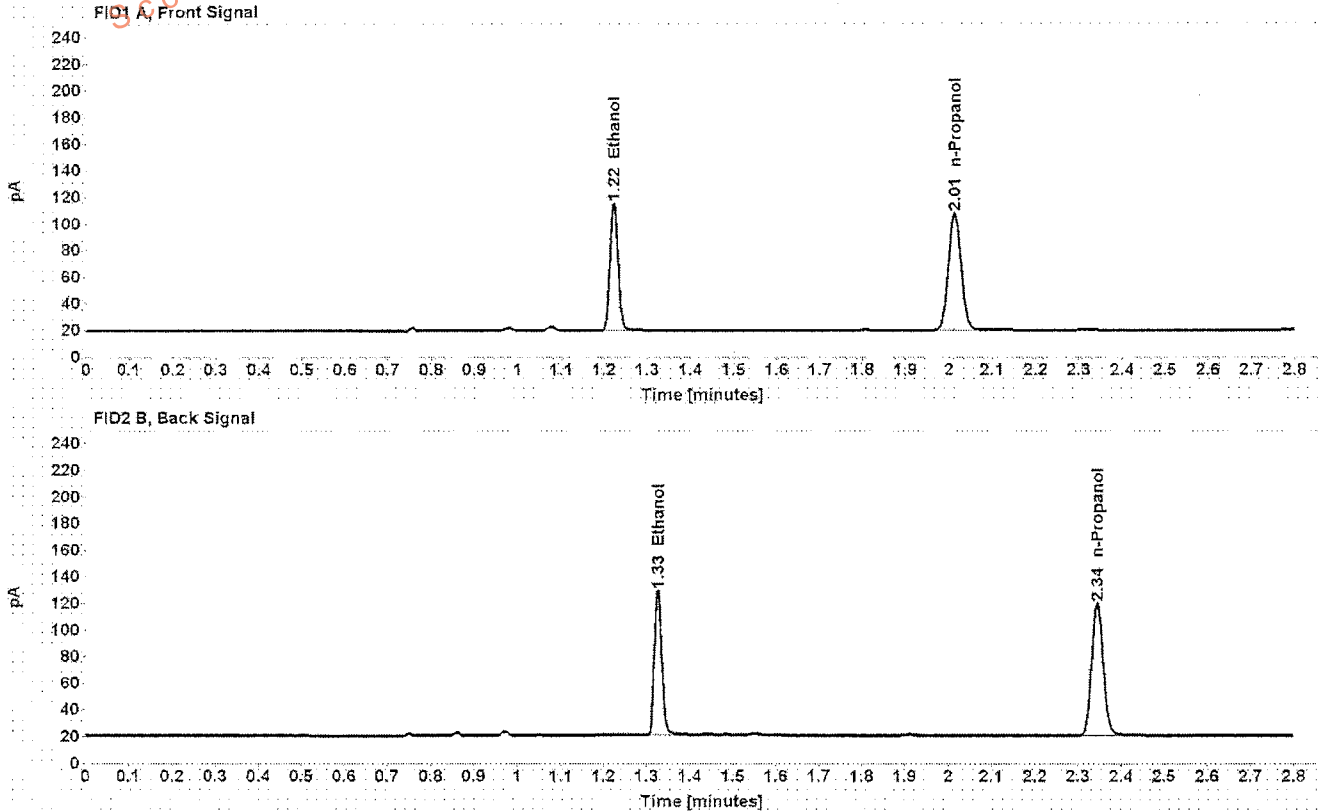


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1972	1.223	126.370
n-Propanol	-----	2.014	181.899

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

Compound	Time (min)	Peak Area
Ethanol	1.326	130.587
n-Propanol	2.344	186.803

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1105760
Injection date: 8/19/2016 5:05:33 PM	Vial: 14
Method: ethanol quant M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan
Data file: C:\Chem3211\Data\19Aug16\14.D	

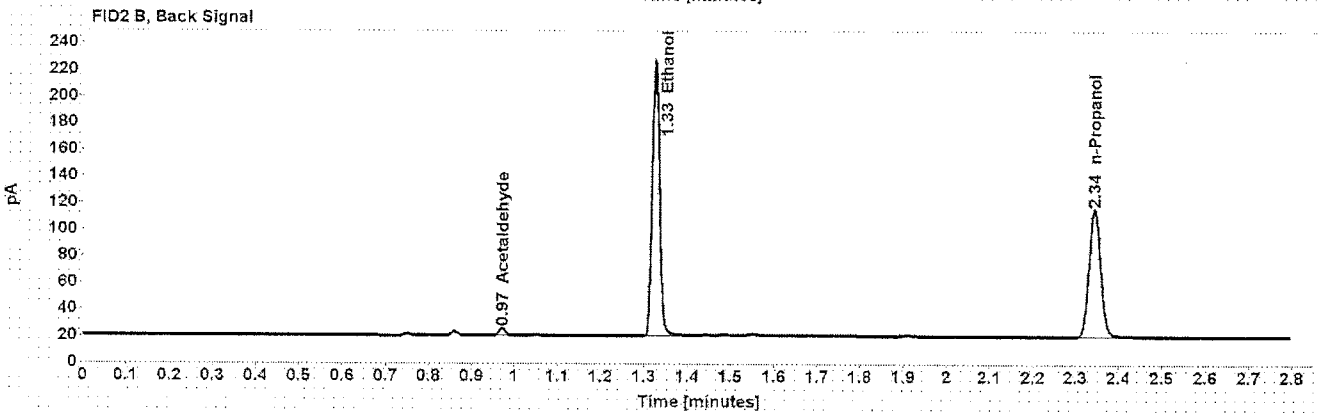
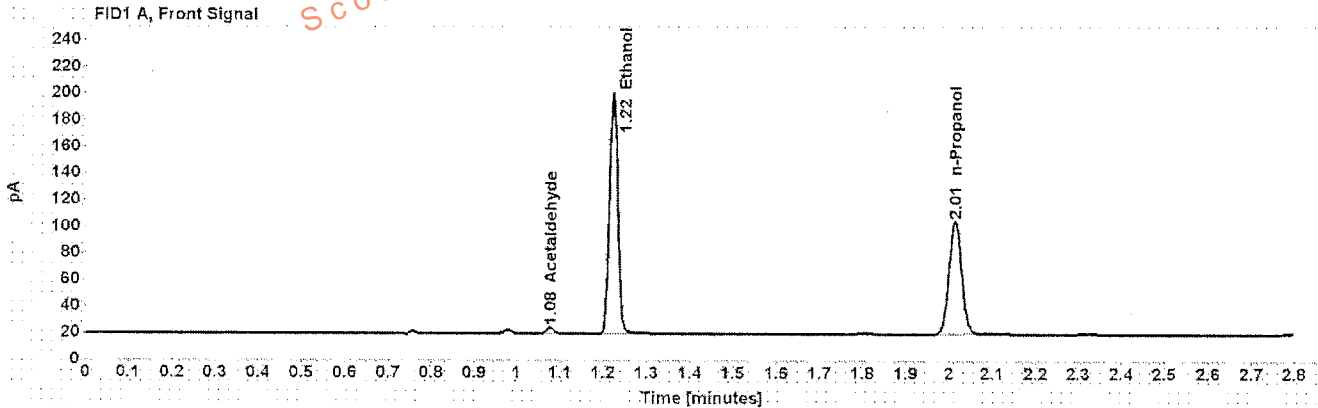


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.008
>Ethanol	0.3866	1.223	238.657
n-Propanol	-----	2.014	174.720

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.971	5.322
Ethanol	1.326	247.602
n-Propanol	2.344	180.715

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1105760
Injection date:	8/19/2016 5:09:33 PM	Vial:	15
Method:	ethanol quant.M	Sequence:	19Aug16
Instrument:	US14173023 CN14160045	Analyst:	Langan
Data file:	C:\Chem32\1\Data\19Aug16\15.D		

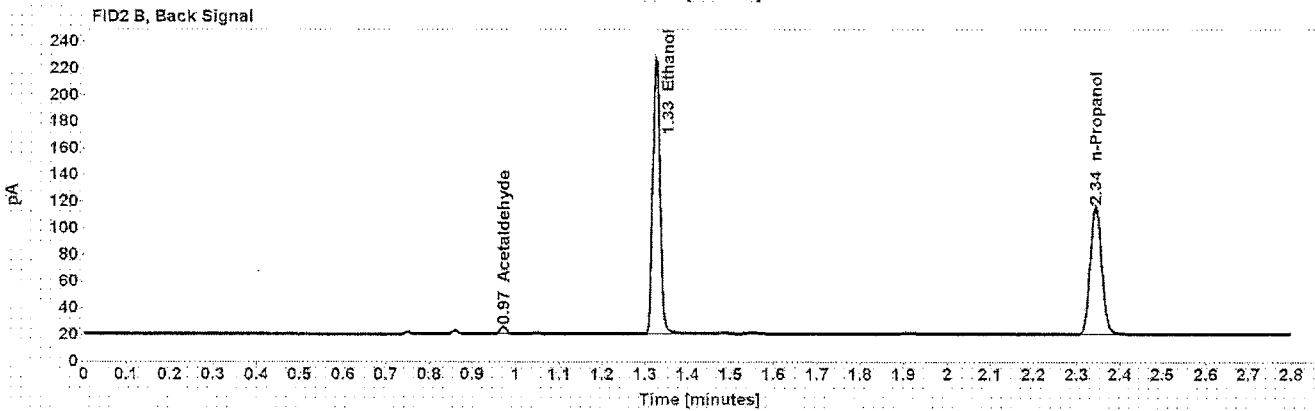
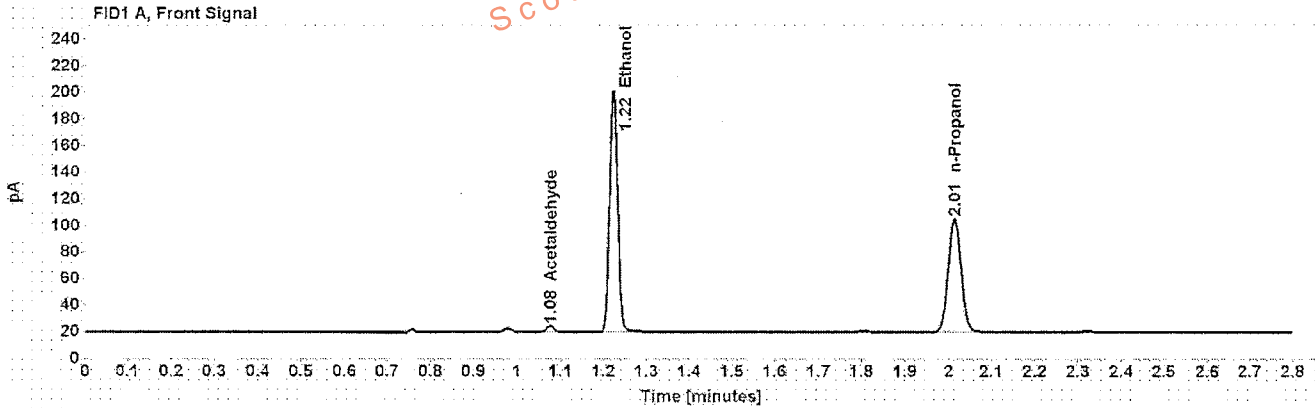


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.140
>Ethanol	0.3855	1.222	238.899
n-Propanol	-----	2.013	175.389

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.971	5.430
Ethanol	1.325	247.886
n-Propanol	2.344	181.210

Case: [REDACTED] User: alangan 8/22/2016

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1105899
Injection date:	8/19/2016 5:13:33 PM	Vial:	16
Method:	ethanol quant.M	Sequence:	19Aug16
Instrument:	US14173023 CN14160045	Analyst:	Langan
Data file:	C:\Chem32\11\Data\19Aug16\16.D		

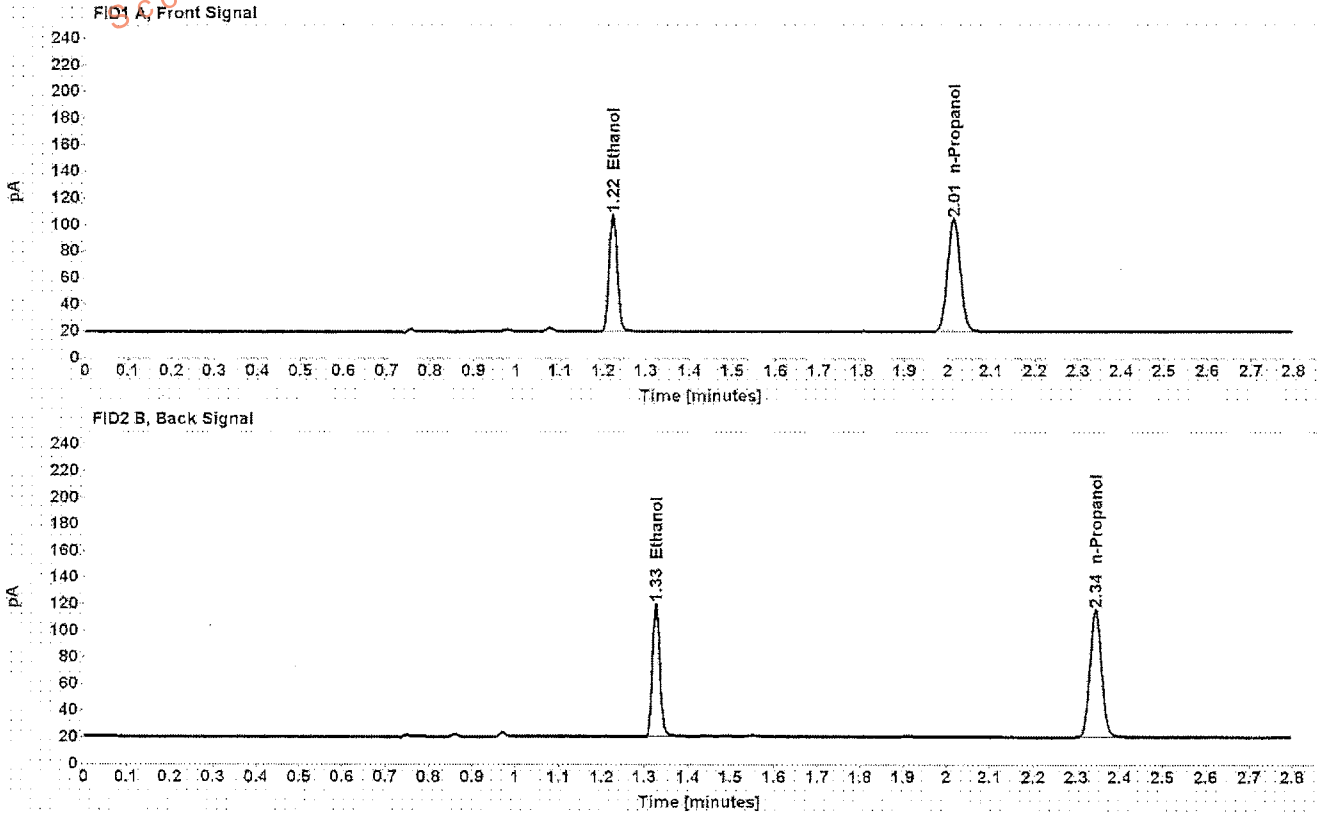


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1894	1.223	116.249
n-Propanol	-----	2.013	174.324

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

Compound	Time (min)	Peak Area
Ethanol	1.326	119.798
n-Propanol	2.344	180.175

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1105899
Injection date:	8/19/2016 5:17:33 PM	Vial:	17
Method:	ethanol quant.M	Sequence:	19Aug16
Instrument:	US14173023 CN14160045	Analyst:	Langan
Data file:	C:\Chem3211\Data\19Aug16\17.D		

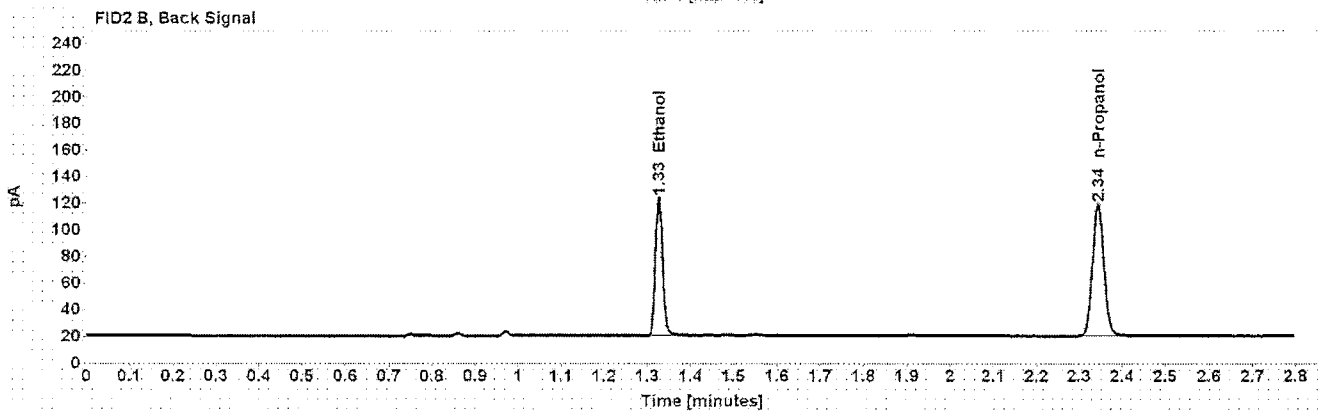
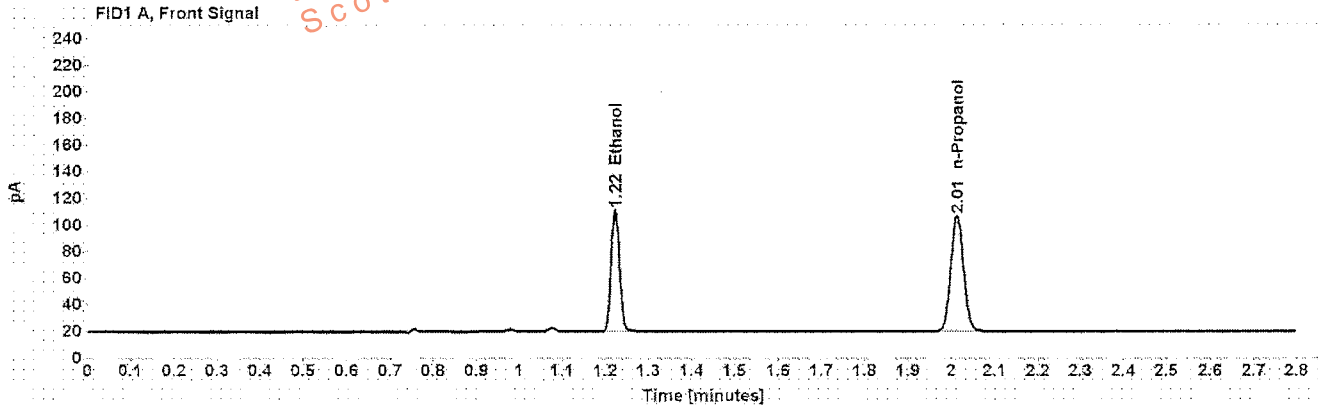


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1906	1.223	120.939
n-Propanol	-----	2.013	180.121

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

Compound	Time (min)	Peak Area
Ethanol	1.326	124.655
n-Propanol	2.344	186.169

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1105997
Injection date:	8/19/2016 5:21:33 PM	Vial:	18
Method:	ethanol quant.M	Sequence:	19Aug16
Instrument:	US14173023 CN14160045	Analyst:	Langan
Data file:	C:\Chem32\1\Data\19Aug16\18.D		

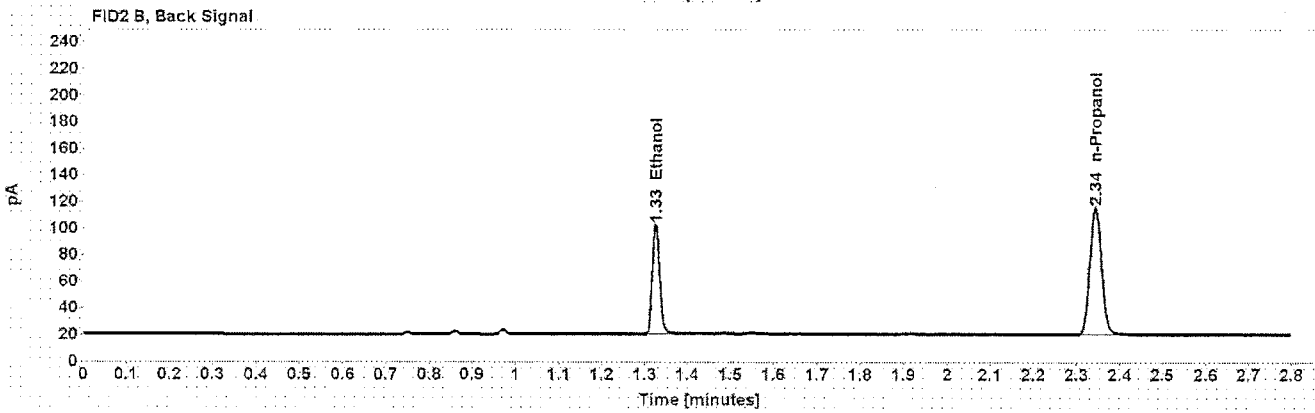
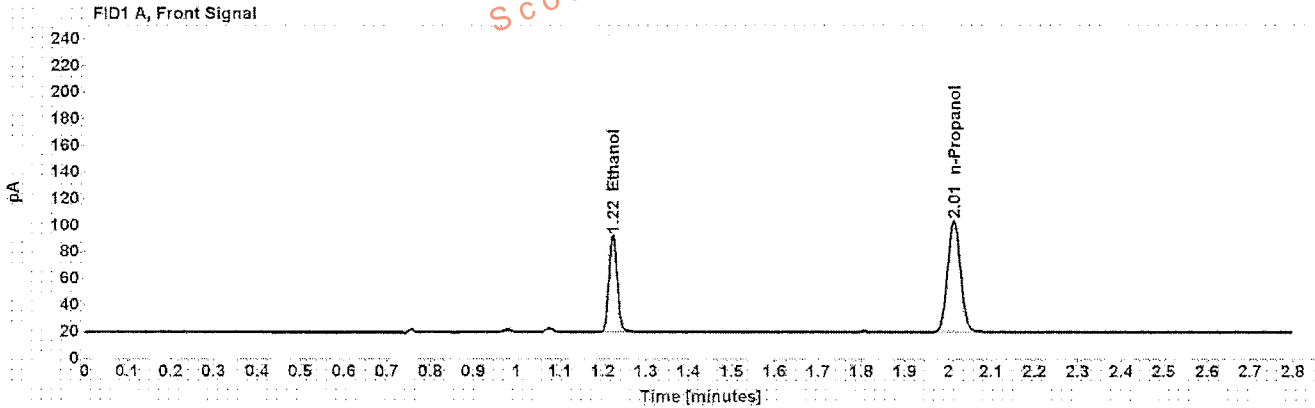


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1577	1.223	96.160
n-Propanol	-----	2.013	173.341

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

Compound	Time (min)	Peak Area
Ethanol	1.326	98.968
n-Propanol	2.344	179.057

Case: [REDACTED] User: alangan 8/22/2016

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1105997
Injection date: 8/19/2016 5:25:48 PM Vial: 19
Method: ethanol quant.M Sequence: 19Aug16
Instrument: US14173023 CN14160045 Analyst: Langan
Data file: C:\Chem32\1\Data\19Aug16\19.D

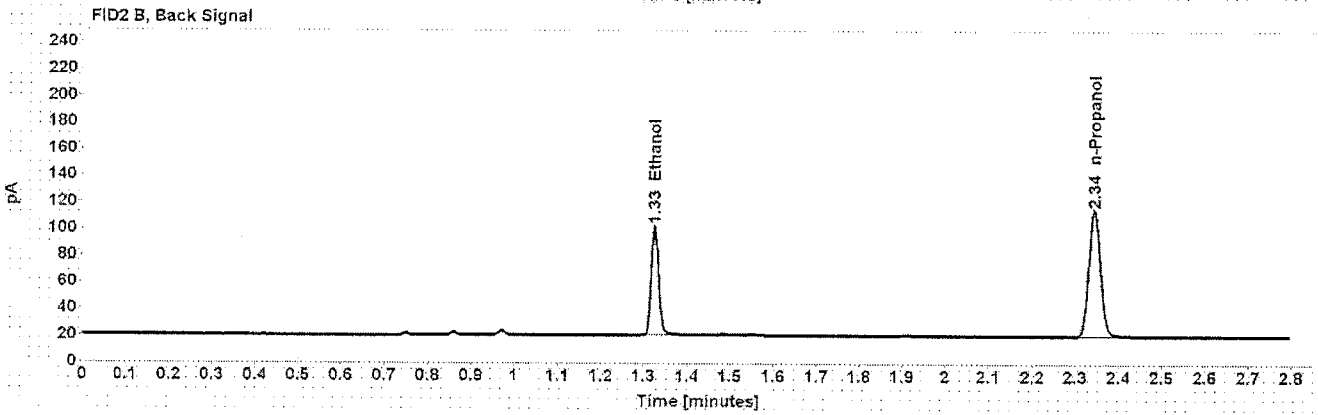
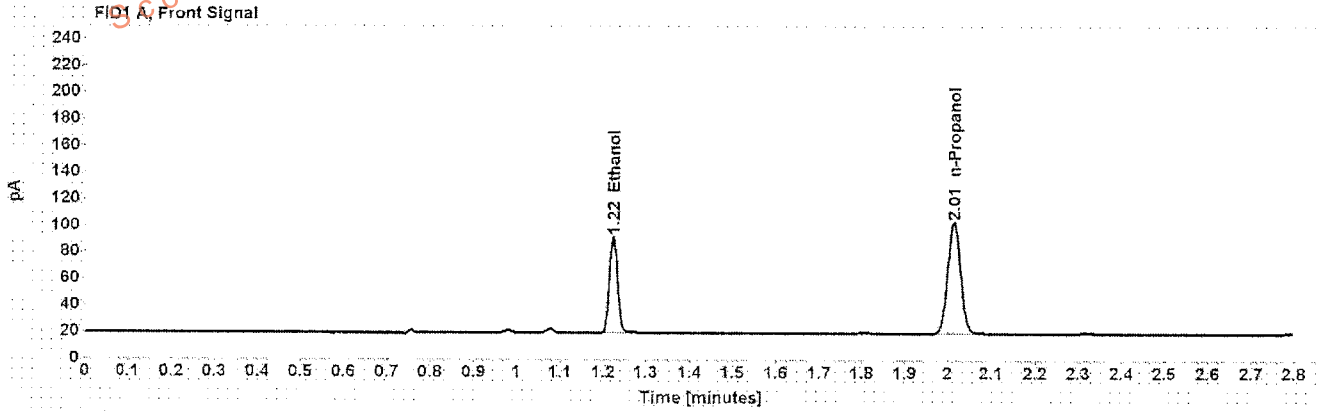


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1573	1.223	95.554
n-Propanol	-----	2.013	172.691

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

Compound	Time (min)	Peak Area
Ethanol	1.326	98.523
n-Propanol	2.344	178.414

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1106525
Injection date:	8/19/2016 5:33:48 PM	Vial:	21
Method:	ethanol quant.M	Sequence:	19Aug16
Instrument:	US14173023 CN14160045	Analyst:	Langan
Data file:	C:\Chem3211\Data\19Aug16\21.D		

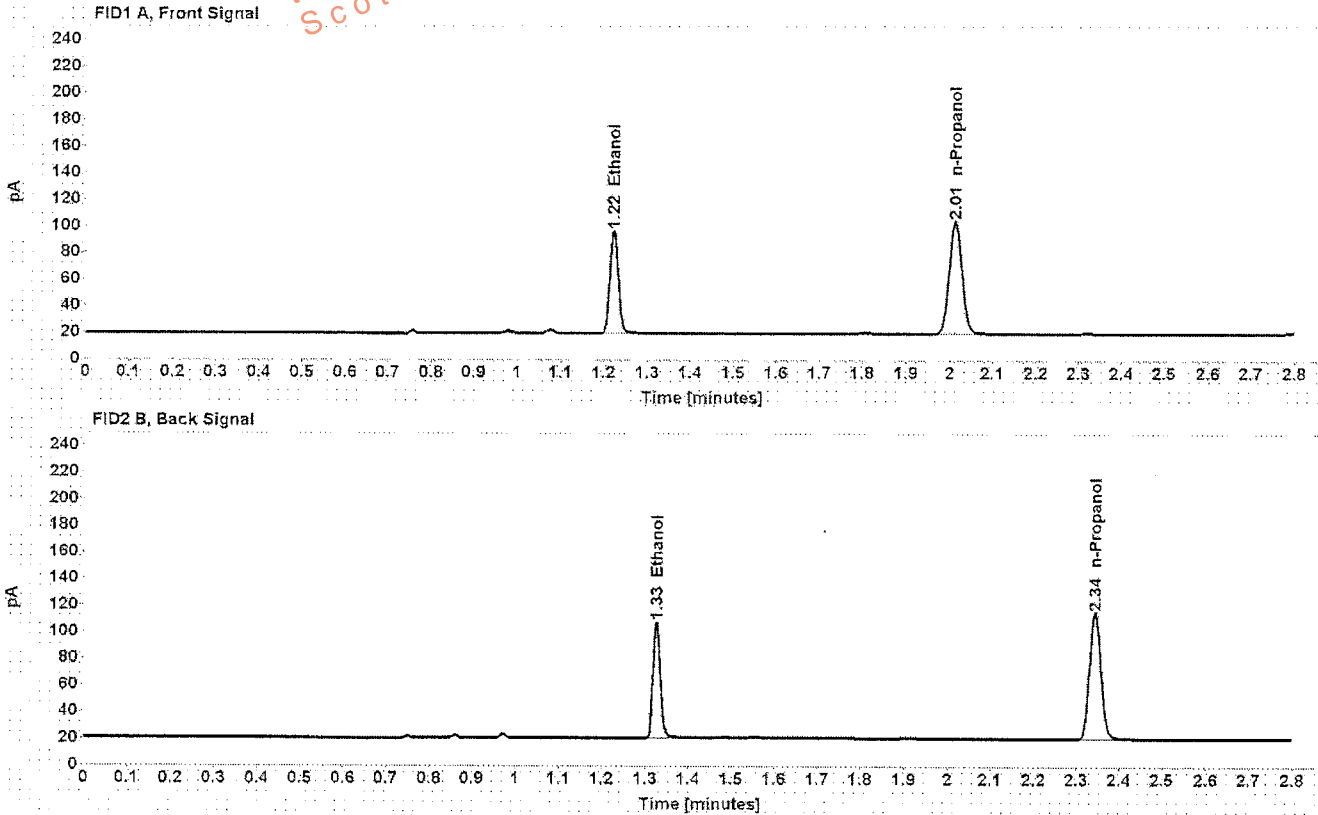


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1665	1.223	101.414
n-Propanol	-----	2.013	173.127

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

Compound	Time (min)	Peak Area
Ethanol	1.326	104.433
n-Propanol	2.344	178.653

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1106525
Injection date: 8/19/2016 5:37:48 PM	Vial: 22
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan
Data file: C:\Chem32\1\Data\19Aug16\22.D	

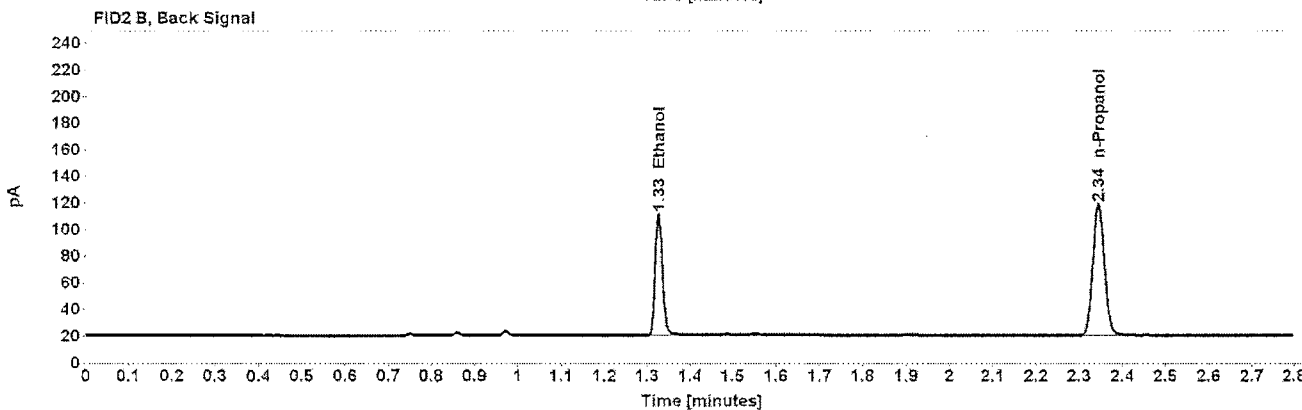
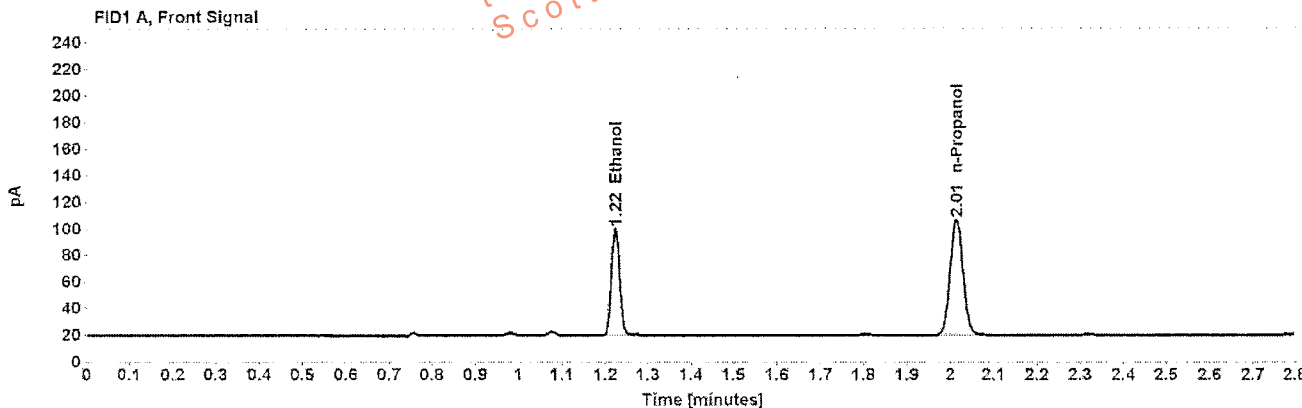


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1681	1.223	106.047
n-Propanol	-----	2.013	179.248

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

Compound	Time (min)	Peak Area
Ethanol	1.326	109.331
n-Propanol	2.344	185.011

Case: [REDACTED] User: alangan 8/22/2016

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1107059
Injection date: 8/19/2016 5:41:48 PM Vial: 23
Method: ethanol quant.M Sequence: 19Aug16
Instrument: US14173023 CN14160045 Analyst: Langan
Data file: C:\Chem3211\Data\19Aug16\23.D

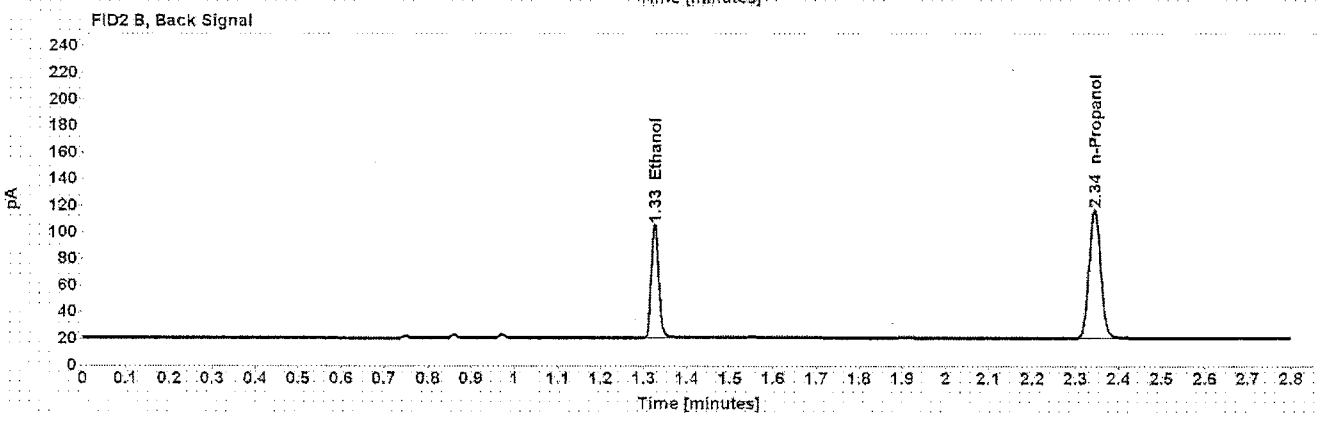
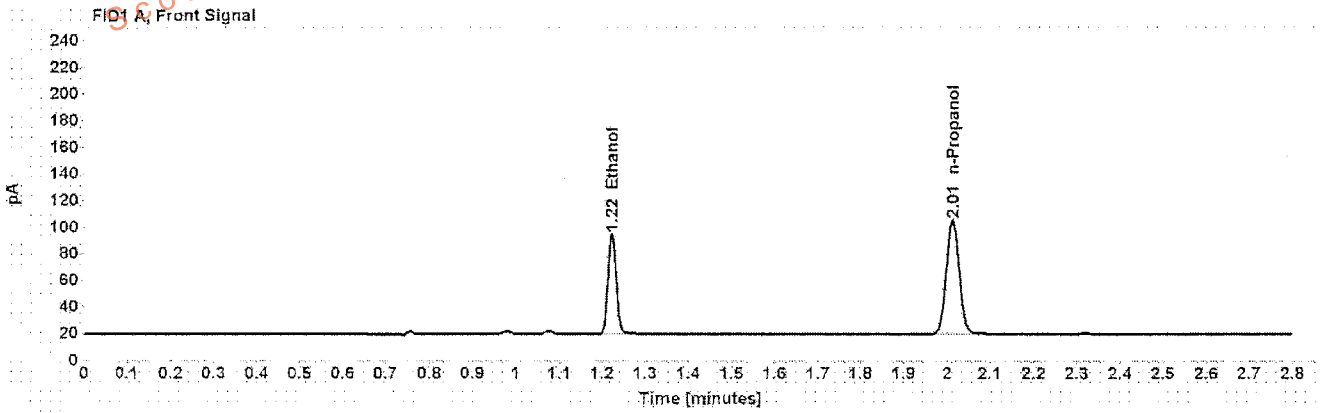


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1602	1.223	99.166
n-Propanol	-----	2.013	175.985

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

Compound	Time (min)	Peak Area
Ethanol	1.326	102.172
n-Propanol	2.344	181.387

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1107059
Injection date:	8/19/2016 5:45:48 PM	Vial:	24
Method:	ethanol quant M	Sequence:	19Aug16
Instrument:	US14173023 CN14160045	Analyst:	Langan
Data file:	C:\Chem3211\Data\19Aug16\24.D		

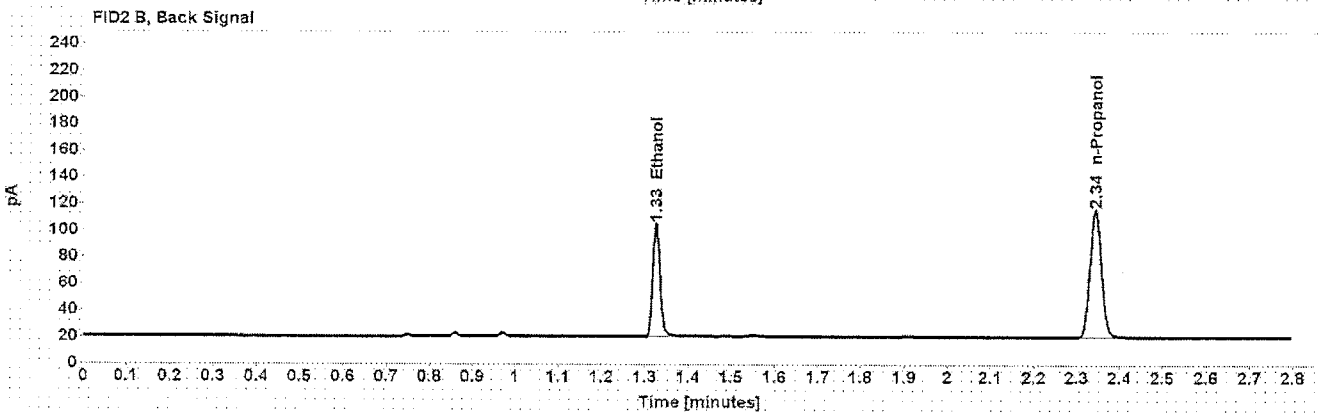
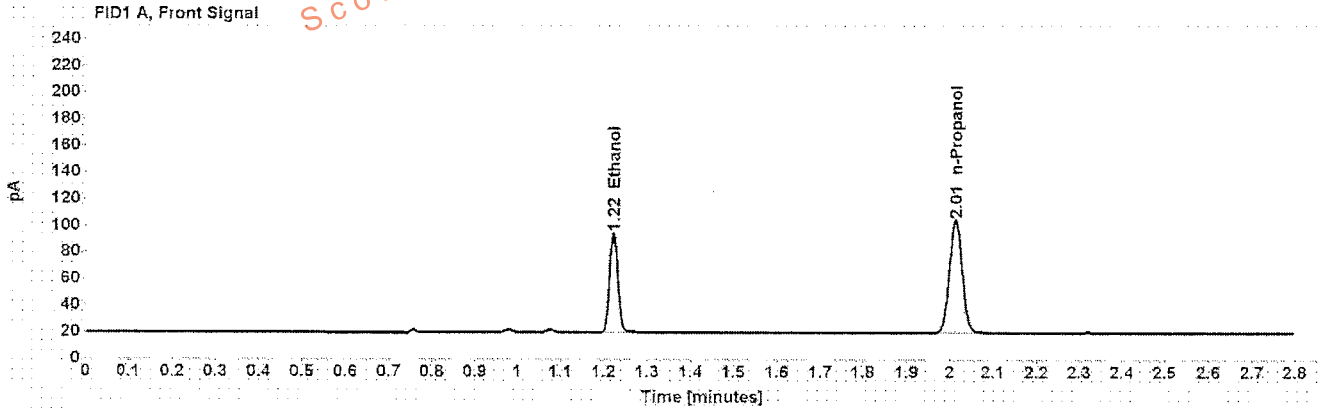


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1612	1.223	98.874
n-Propanol	-----	2.013	174.321

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

Compound	Time (min)	Peak Area
Ethanol	1.326	101.791
n-Propanol	2.343	179.954

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1106533
Injection date:	8/19/2016 5:50:03 PM	Vial:	25
Method:	ethanol quant.M	Sequence:	19Aug16
Instrument:	US14173023 CN14160045	Analyst:	Langan
Data file:	C:\Chem32\1\Data\19Aug16\25.D		

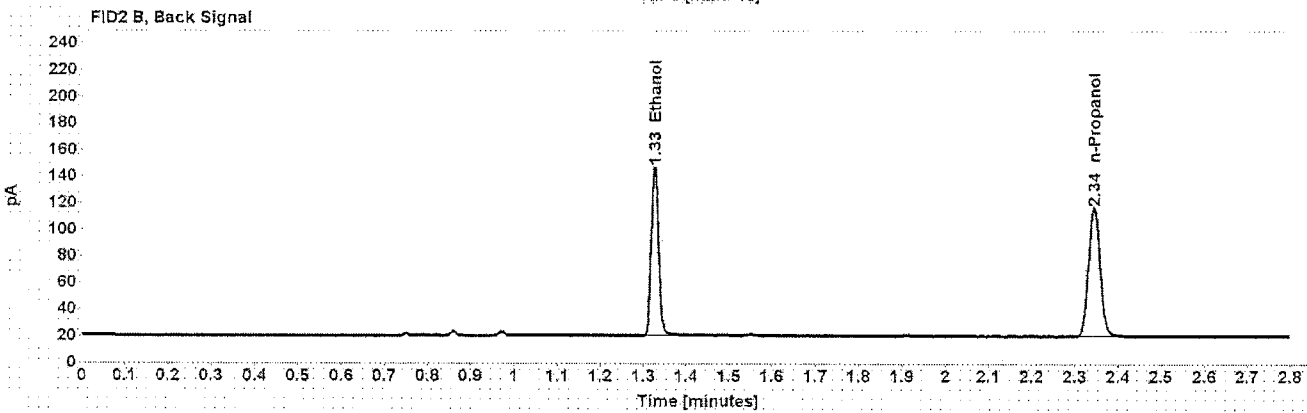
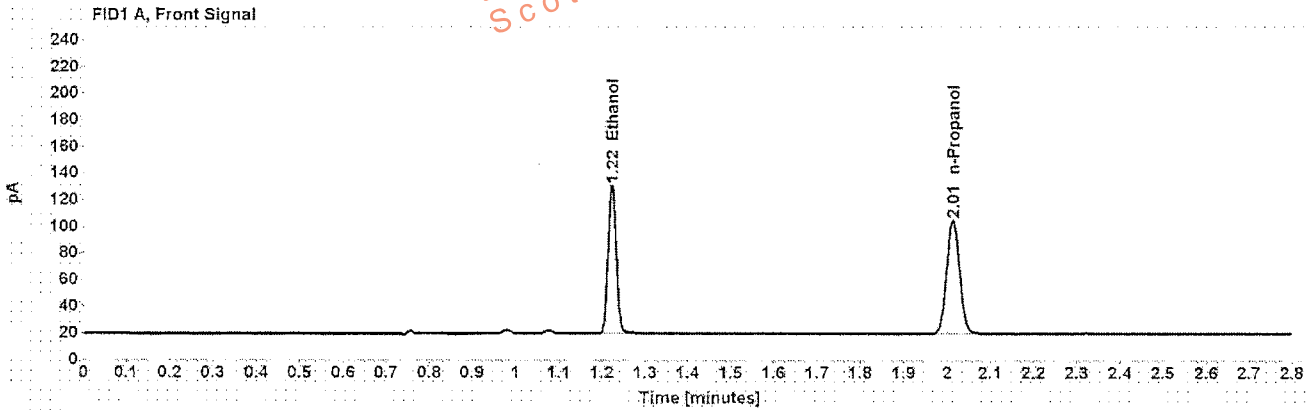


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2374	1.223	147.185
n-Propanol	-----	2.013	175.851

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

Compound	Time (min)	Peak Area
Ethanol	1.326	153.371
n-Propanol	2.344	181.569

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1106533
Injection date: 8/19/2016 5:54:04 PM	Vial: 26
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan
Data file: C:\Chem3211\Data\19Aug16\26.D	

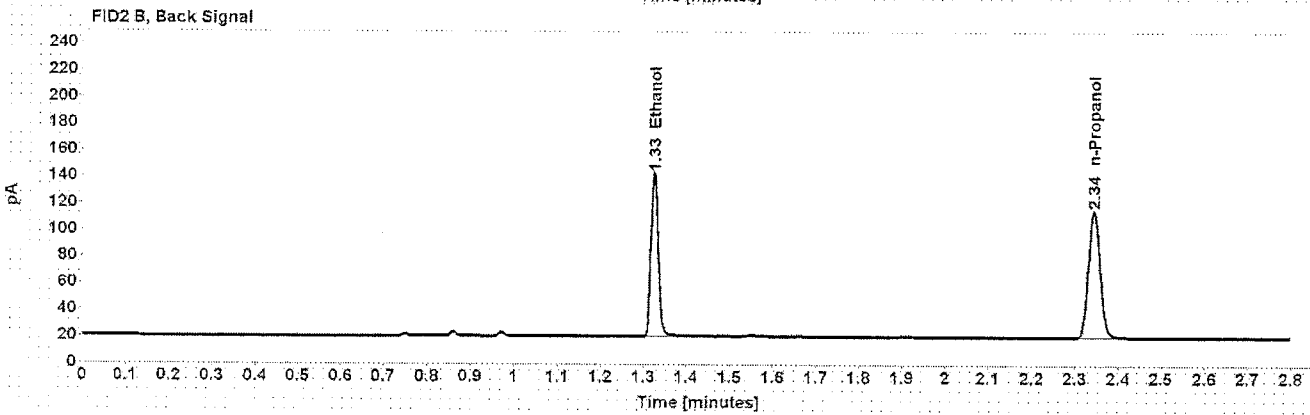
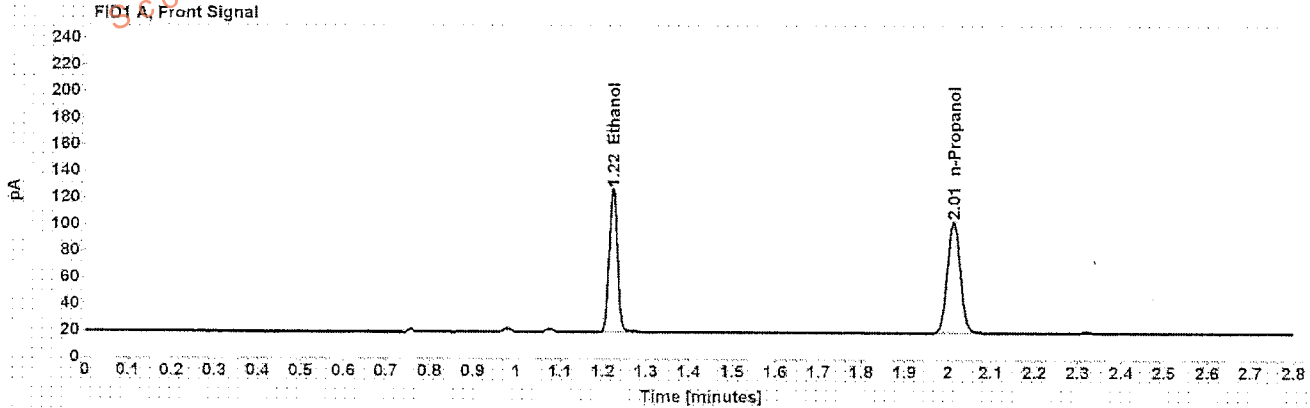


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2342	1.222	142.897
n-Propanol	-----	2.013	173.061

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

Compound	Time (min)	Peak Area
Ethanol	1.325	148.474
n-Propanol	2.344	178.763

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1057476
Injection date:	8/19/2016 5:58:03 PM	Vial:	27
Method:	ethanol quant.M	Sequence:	19Aug16
Instrument:	US14173023 CN14160045	Analyst:	Langan
Data file:	C:\Chem3211\Data\19Aug16\27.D		

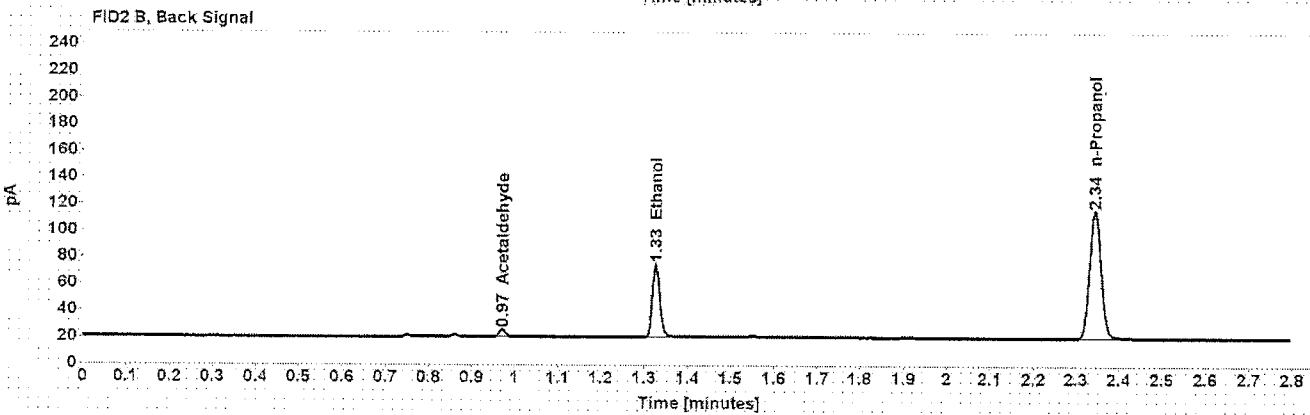
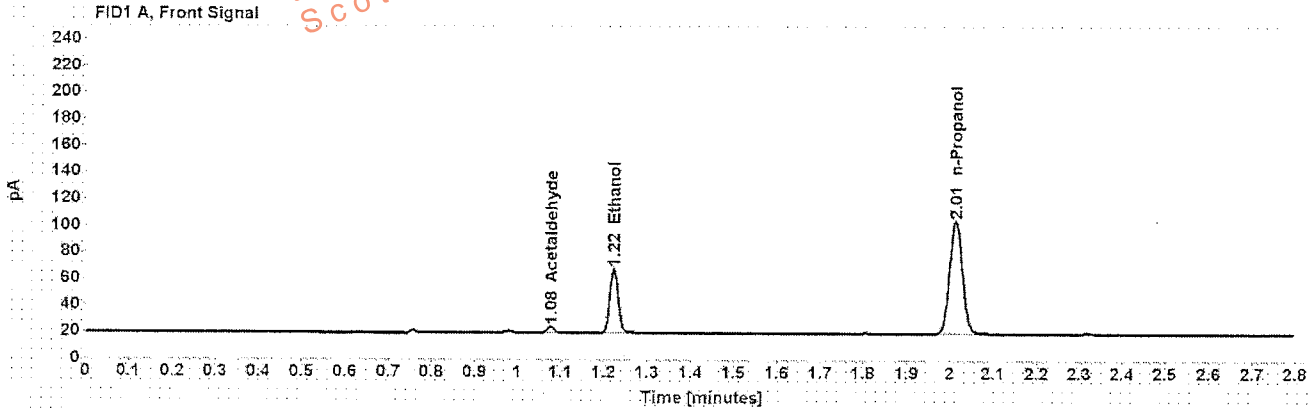


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.125
>Ethanol	0.1039	1.223	63.622
n-Propanol	-----	2.014	174.816

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.971	5.396
Ethanol	1.326	65.507
n-Propanol	2.344	180.671

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1057476
Injection date:	8/19/2016 6:02:03 PM	Vial:	28
Method:	ethanol quant.M	Sequence:	19Aug16
Instrument:	US14173023 CN14160045	Analyst:	Langan
Data file:	C:\Chem32\1\Data\19Aug16\28.D		

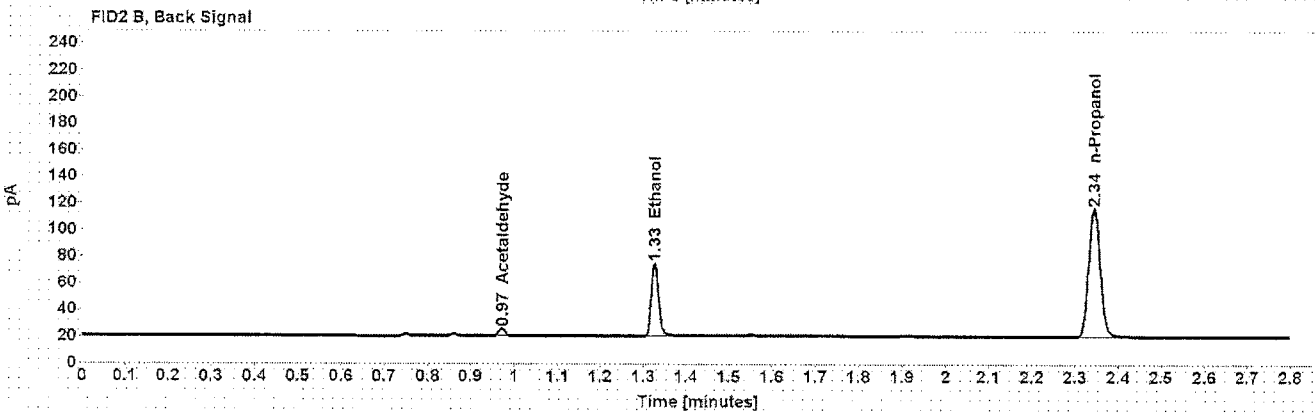
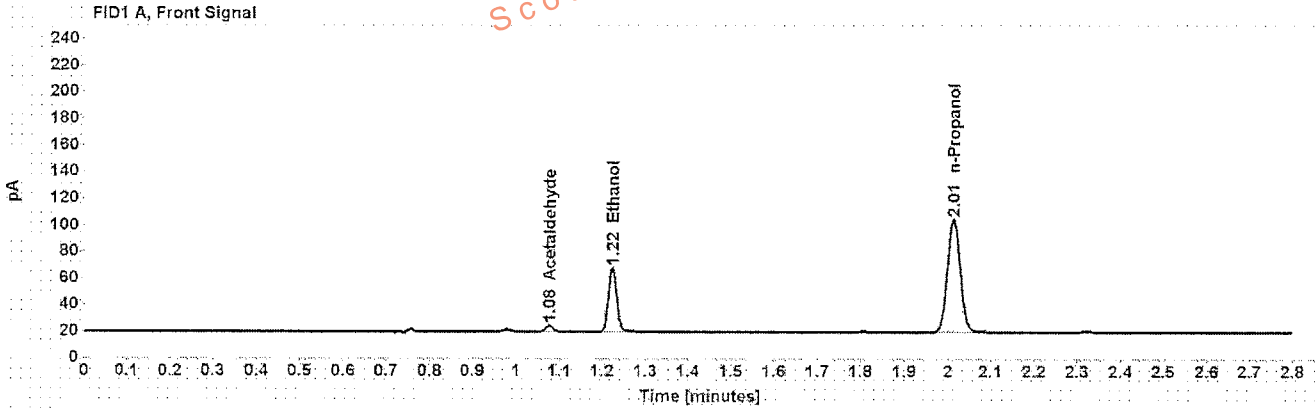


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.133
>Ethanol	0.1037	1.223	63.653
n-Propanol	-----	2.013	175.329

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.971	5.447
Ethanol	1.326	65.475
n-Propanol	2.344	181.275

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1108254
Injection date: 8/19/2016 6:06:03 PM	Vial: 29
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan
Data file: C:\Chem32\11\Data\19Aug16\29.D	

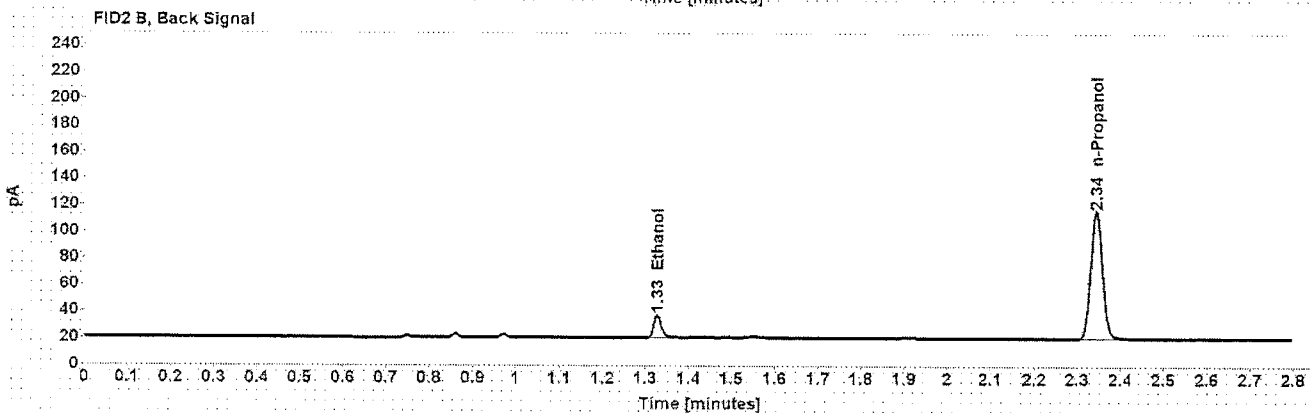
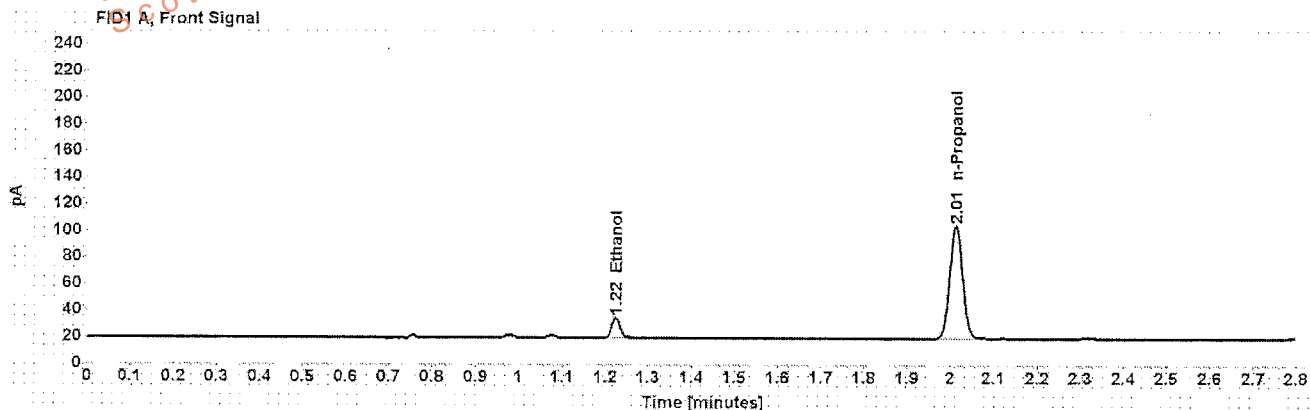


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0338	1.224	20.175
n-Propanol	-----	2.013	174.763

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

Compound	Time (min)	Peak Area
Ethanol	1.328	21.104
n-Propanol	2.344	180.772

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1108254
Injection date: 8/19/2016 6:10:03 PM	Vial: 30
Method: ethanol quant M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan
Data file: C:\Chem3211\Data\19Aug16\30.D	

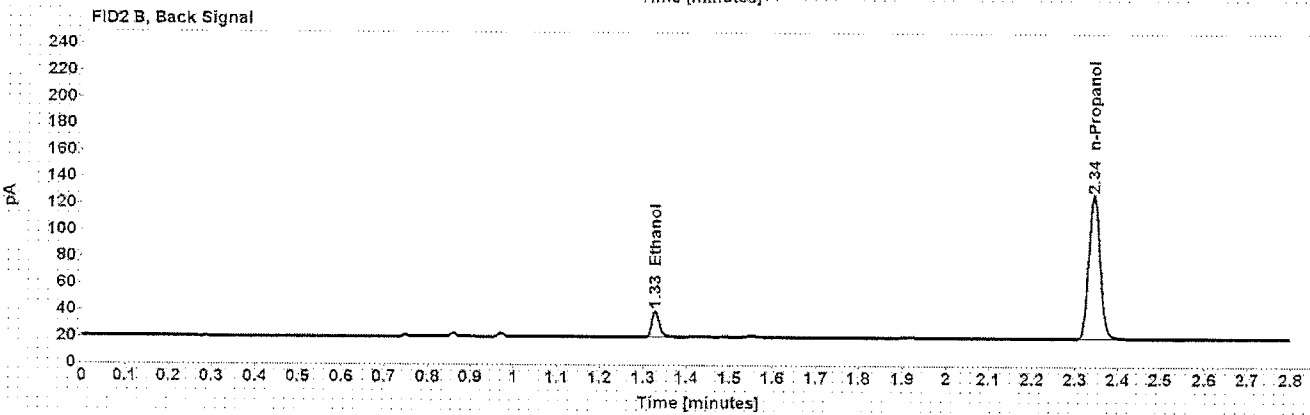
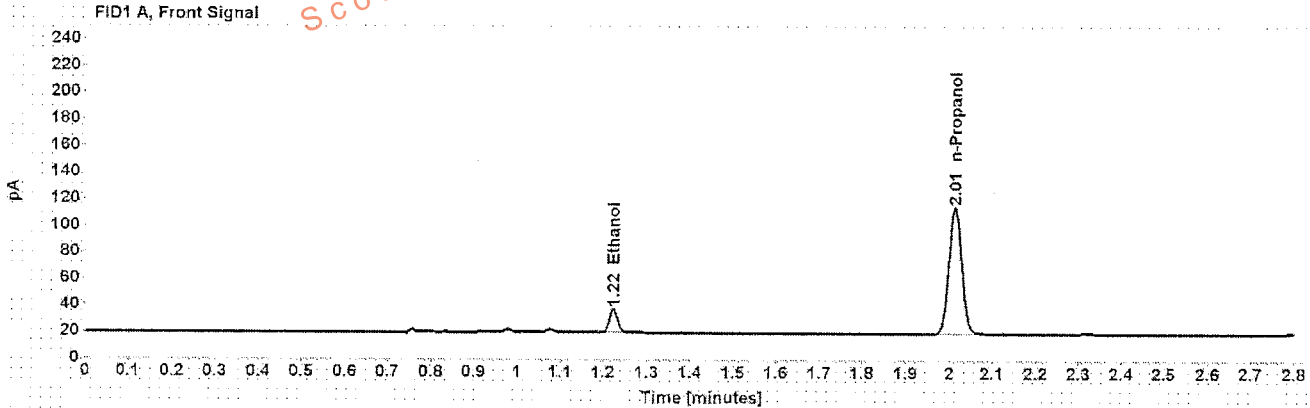


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0344	1.224	23.084
n-Propanol	-----	2.013	196.383

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

Compound	Time (min)	Peak Area
Ethanol	1.328	24.163
n-Propanol	2.344	203.268

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1105879
Injection date: 8/19/2016 6:18:18 PM	Vial: 32
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan
Data file: C:\Chem32\1\Data\19Aug16\32.D	

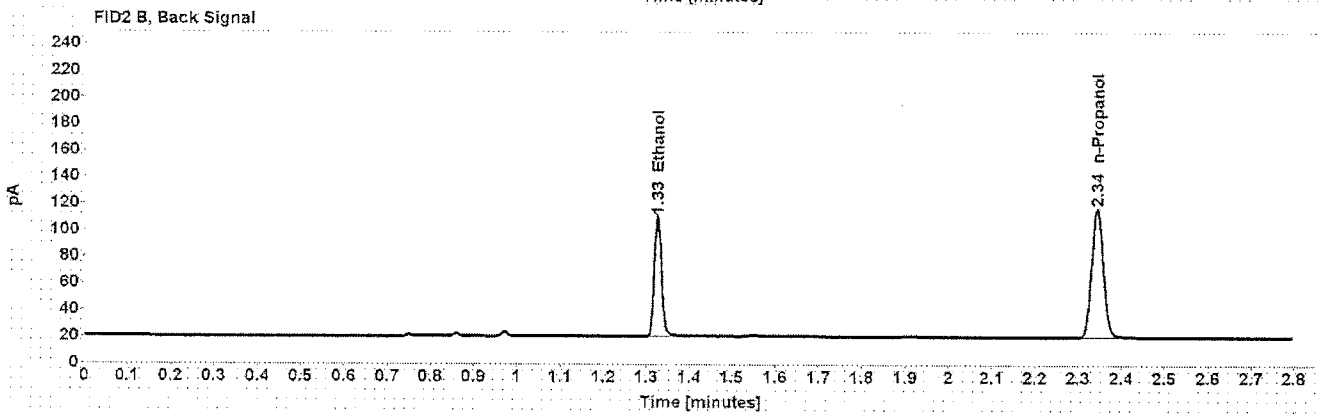
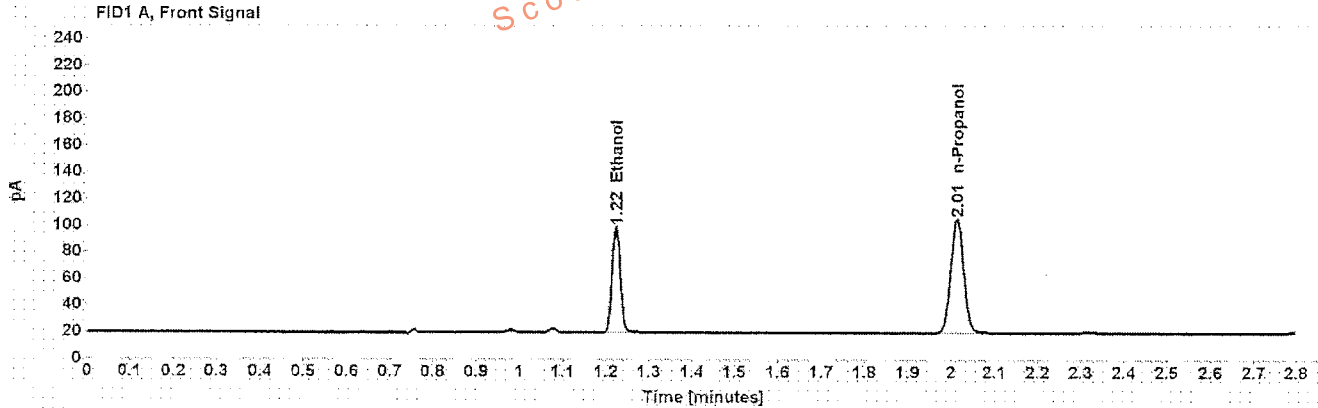


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1690	1.223	105.157
n-Propanol	-----	2.013	176.874

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

Compound	Time (min)	Peak Area
Ethanol	1.326	108.389
n-Propanol	2.344	183.048

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1105879
Injection date: 8/19/2016 6:22:18 PM	Vial: 33
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan
Data file: C:\Chem3211\Data\19Aug16\33.D	

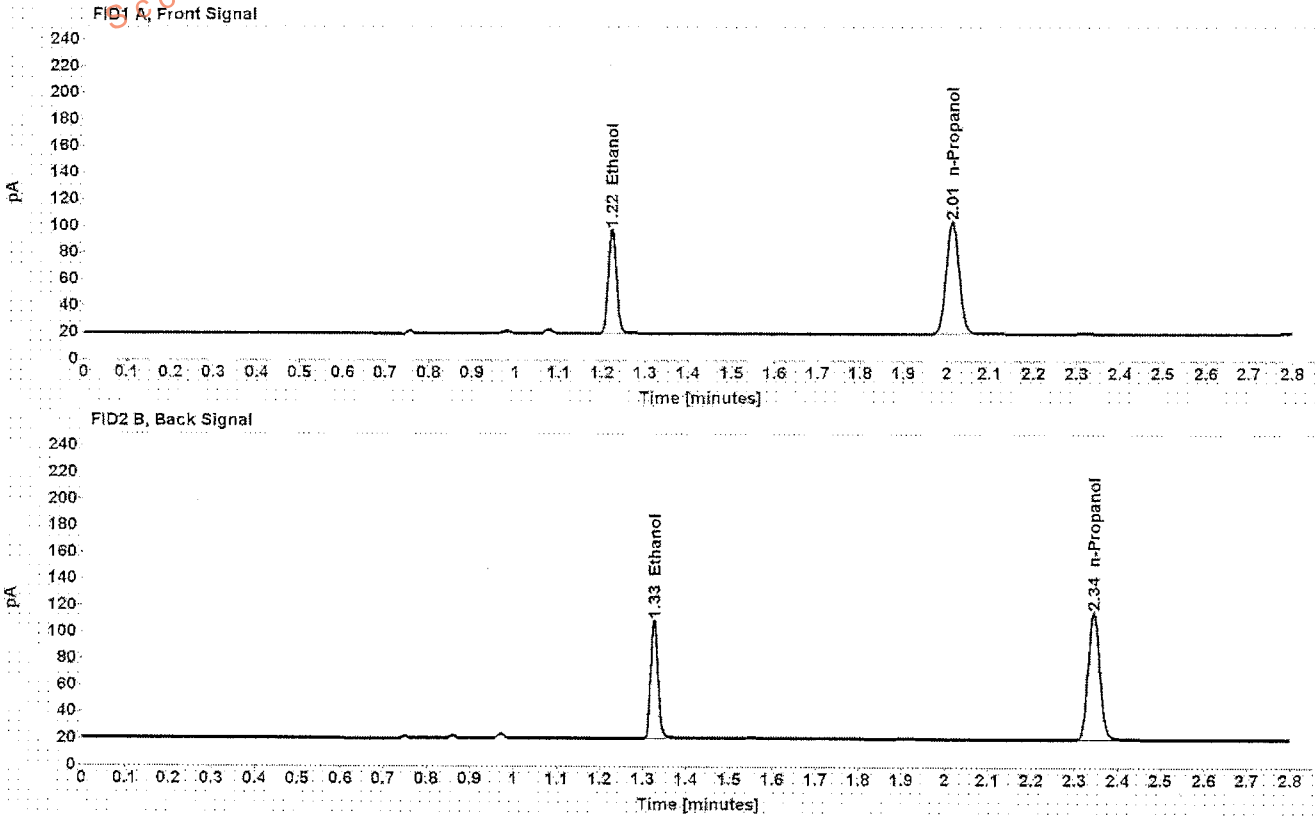


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1690	1.223	103.187
n-Propanol	-----	2.013	173.498

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

Compound	Time (min)	Peak Area
Ethanol	1.326	106.310
n-Propanol	2.344	179.438

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1107070
Injection date:	8/19/2016 6:26:19 PM	Vial:	34
Method:	ethanol quant M	Sequence:	19Aug16
Instrument:	US14173023 CN14160045	Analyst:	Langan
Data file:	C:\Chem3211\Data\19Aug16\34.D		

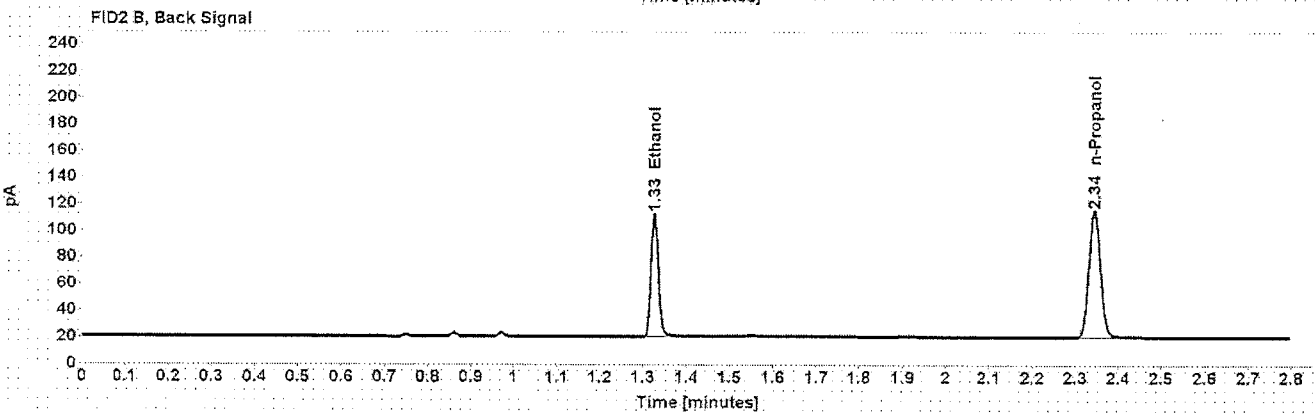
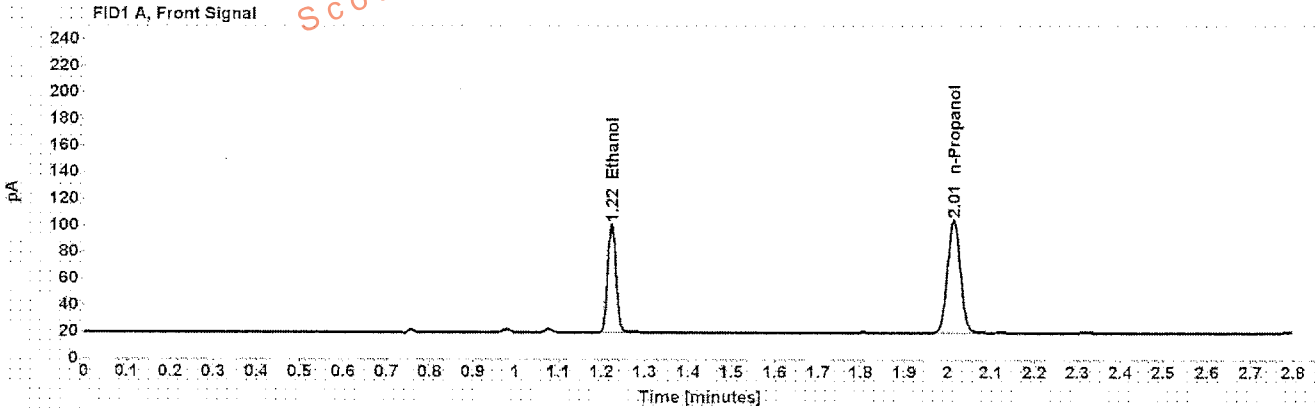


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1758	1.223	107.651
n-Propanol	-----	2.014	174.006

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

Compound	Time (min)	Peak Area
Ethanol	1.326	110.873
n-Propanol	2.344	179.843

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1107070
Injection date:	8/19/2016 6:30:18 PM	Vial:	35
Method:	ethanol quant.M	Sequence:	19Aug16
Instrument:	US14173023 CN14160045	Analyst:	Langan
Data file:	C:\Chem32\1\Data\19Aug16\35.D		

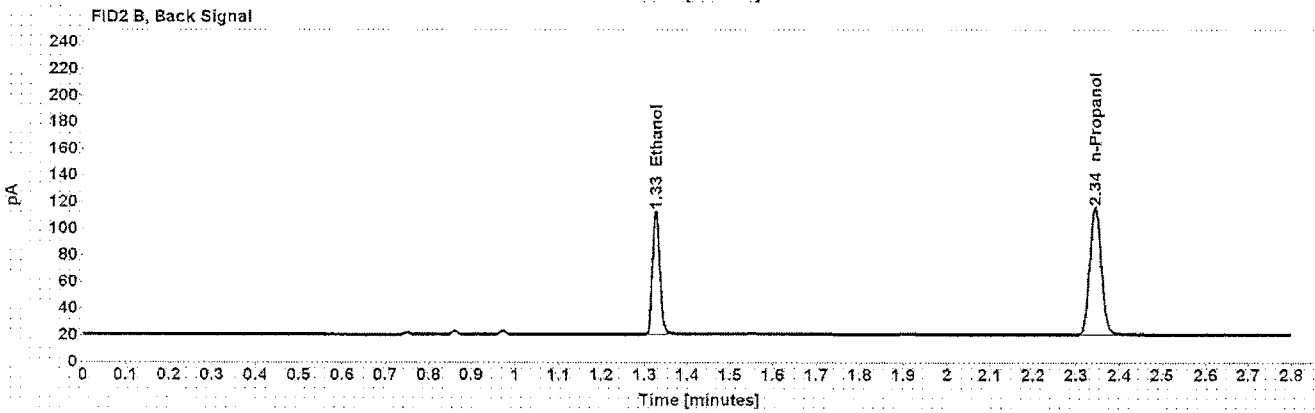
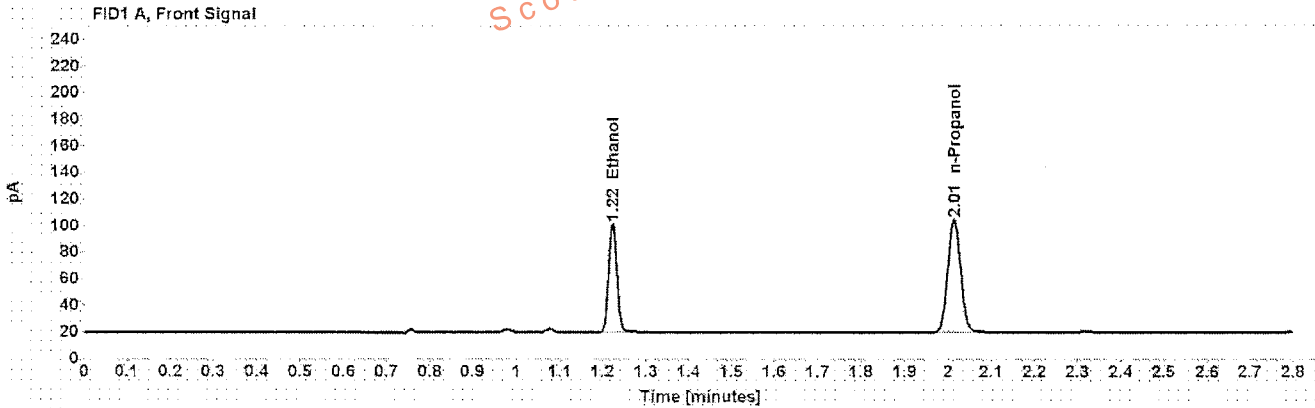


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1756	1.223	107.625
n-Propanol	-----	2.014	174.098

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

Compound	Time (min)	Peak Area
Ethanol	1.326	110.956
n-Propanol	2.344	179.842

Case: [REDACTED] User: alangan 8/22/2016

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1106893
Injection date: 8/19/2016 6:34:18 PM Vial: 36
Method: ethanol quant.M Sequence: 19Aug16
Instrument: US14179023 CN14160045 Analyst: Langan
Data file: C:\Chem3211\Data\19Aug16\36.D

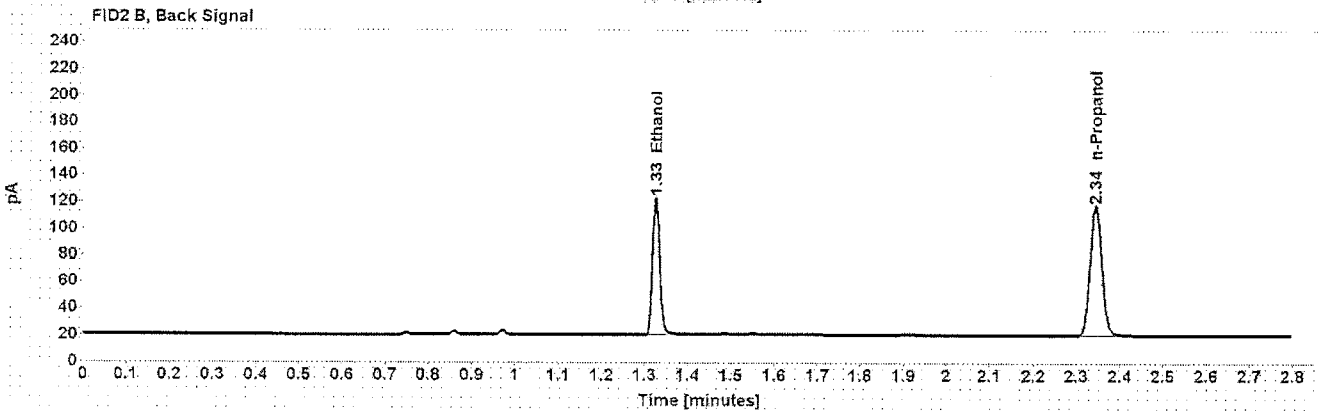
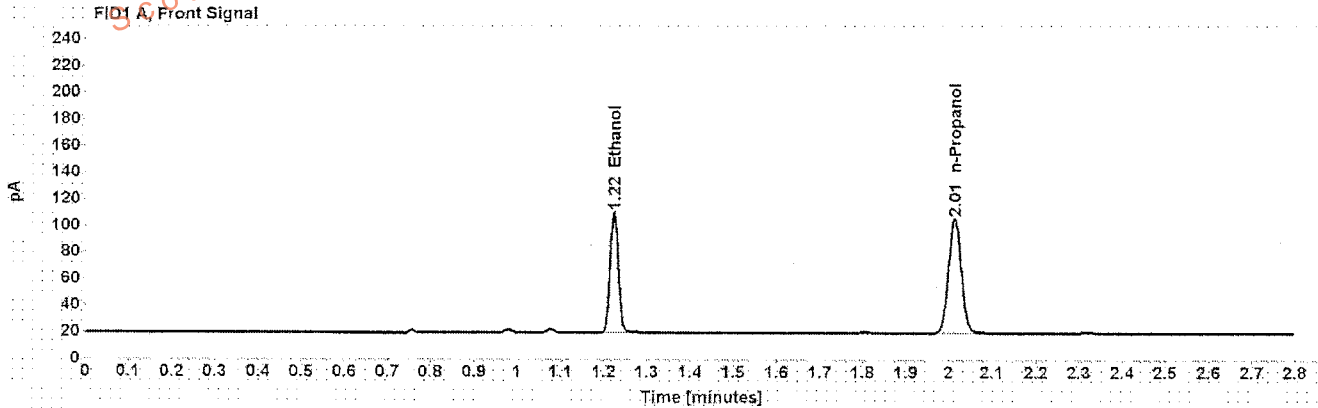


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1907	1.223	119.490
n-Propanol	-----	2.014	177.875

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

Compound	Time (min)	Peak Area
Ethanol	1.326	123.273
n-Propanol	2.344	183.861

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1106893
Injection date:	8/19/2016 6:38:33 PM	Vial:	37
Method:	ethanol quant.M	Sequence:	19Aug16
Instrument:	US14173023 CN14160045	Analyst:	Langan
Data file:	C:\Chem3211\Data\19Aug16\37.D		

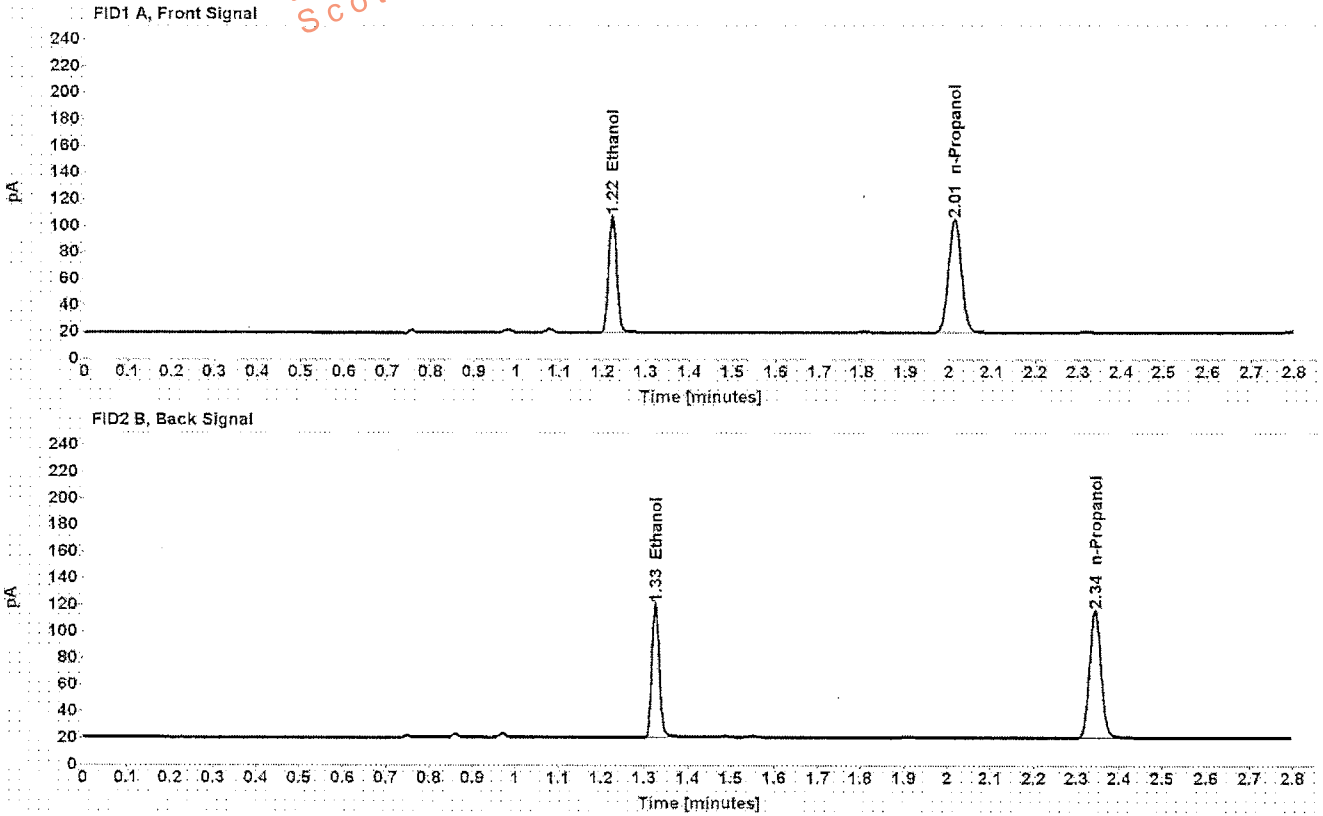


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1893	1.222	116.316
n-Propanol	-----	2.013	174.498

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

Compound	Time (min)	Peak Area
Ethanol	1.325	120.149
n-Propanol	2.343	180.356

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1107539
Injection date: 8/19/2016 6:42:34 PM	Vial: 38
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan
Data file: C:\Chem32\1\Data\19Aug16\38.D	

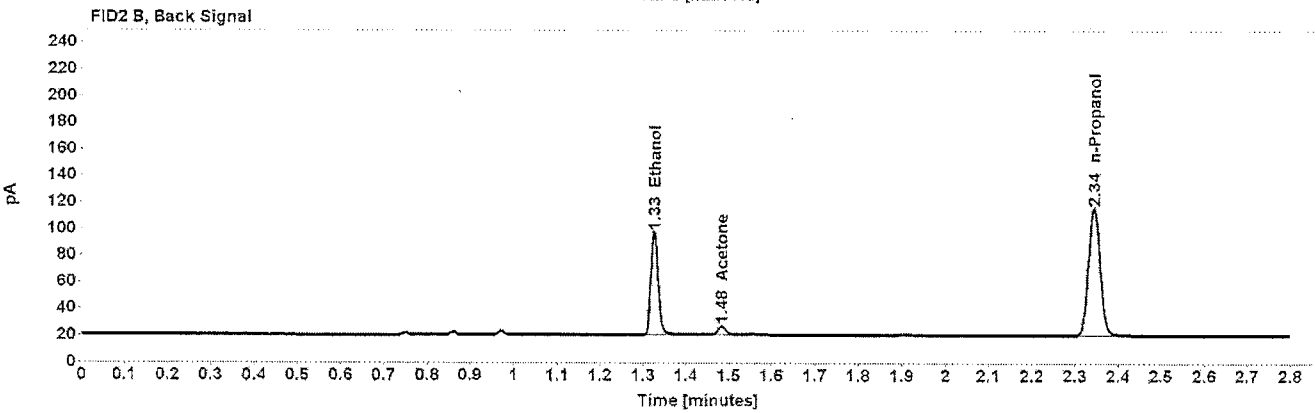
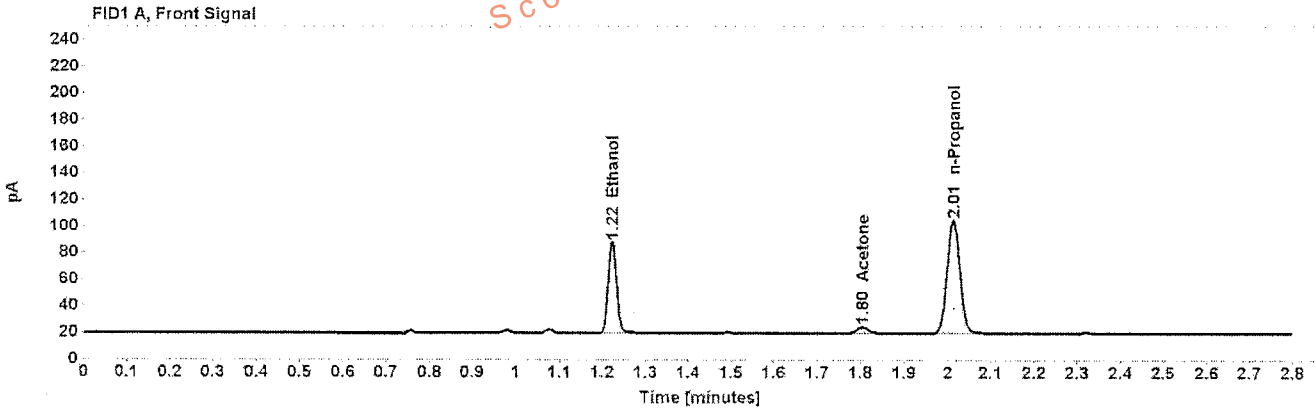


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1470	1.223	90.215
Acetone	-----	1.804	8.270
n-Propanol	-----	2.013	174.619

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

Compound	Time (min)	Peak Area
Ethanol	1.325	92.892
Acetone	1.483	8.211
n-Propanol	2.343	180.389

Case: [REDACTED] User: alangan 8/22/2016

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1107539
Injection date: 8/19/2016 6:46:34 PM Vial: 39
Method: ethanol, quant.M Sequence: 19Aug16
Instrument: US14173023 CN14160045 Analyst: Langan
Data file: C:\Chem3211\Data\19Aug16\39.D

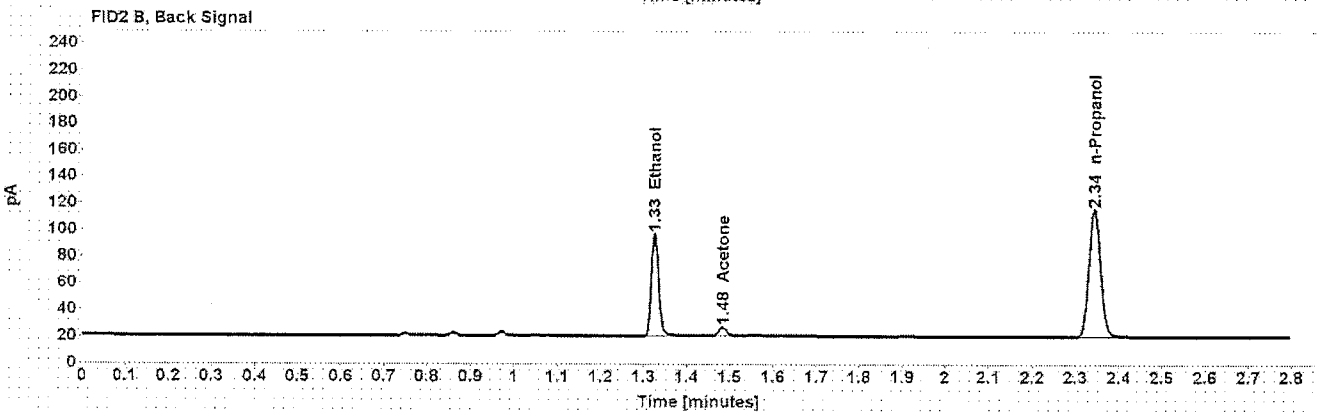
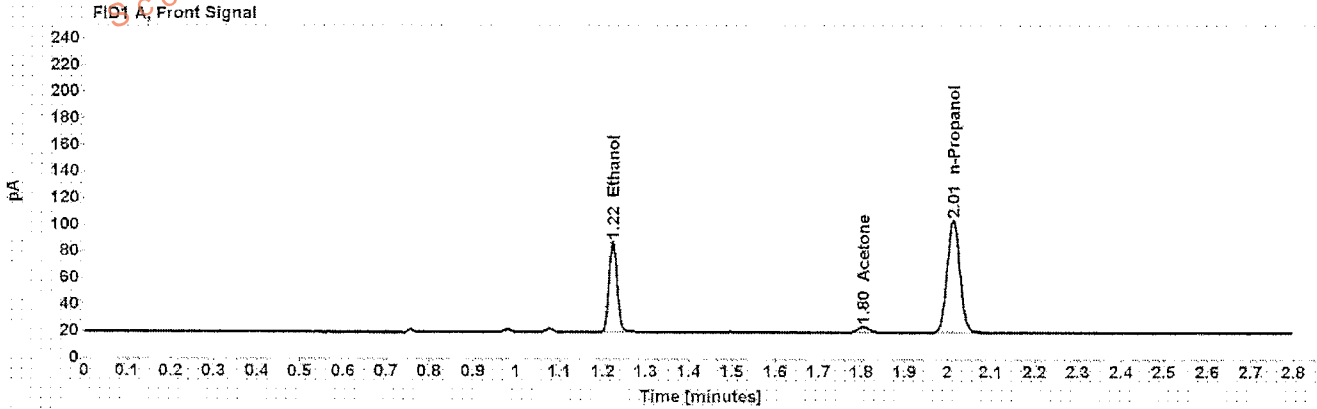


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1469	1.223	89.788
Acetone	-----	1.804	8.195
n-Propanol	-----	2.013	173.855

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

Compound	Time (min)	Peak Area
Ethanol	1.326	92.419
Acetone	1.483	8.124
n-Propanol	2.344	179.736

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1107321
Injection date: 8/19/2016 6:50:34 PM	Vial: 40
Method: ethanol quant M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan
Data file: C:\Chem3211\Data\19Aug16\40.D	

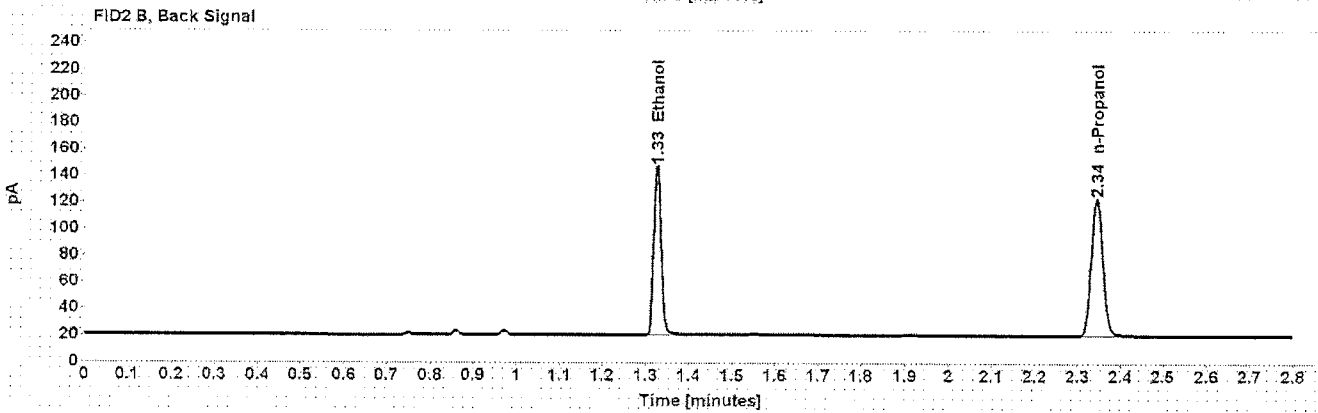
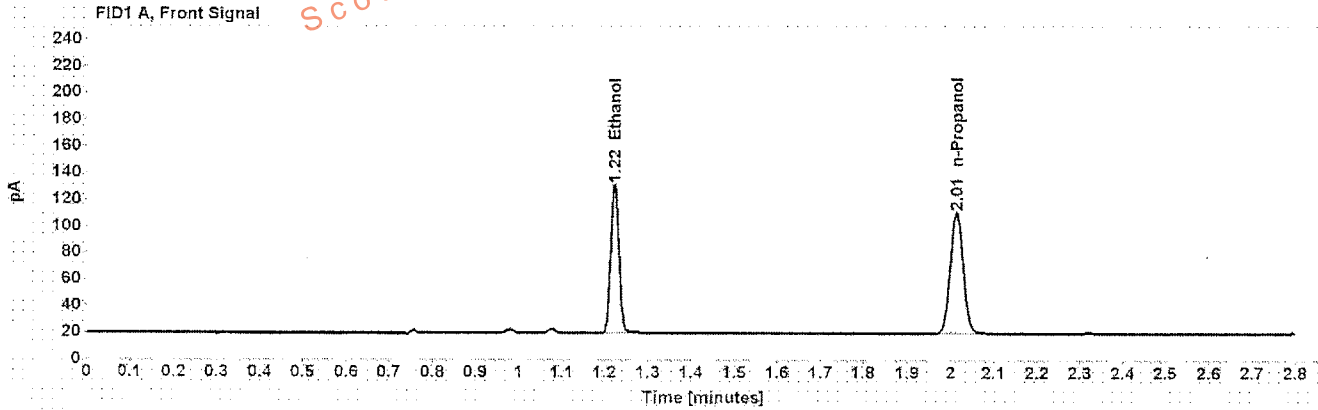


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2230	1.223	147.381
n-Propanol	-----	2.014	187.503

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

Compound	Time (min)	Peak Area
Ethanol	1.326	152.121
n-Propanol	2.344	193.950

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1107321
Injection date:	8/19/2016 6:54:34 PM	Vial:	41
Method:	ethanol quant.M	Sequence:	19Aug16
Instrument:	US14173023 CN14160045	Analyst:	Langan
Data file:	C:\Chem32\1\Data\19Aug16\41.D		

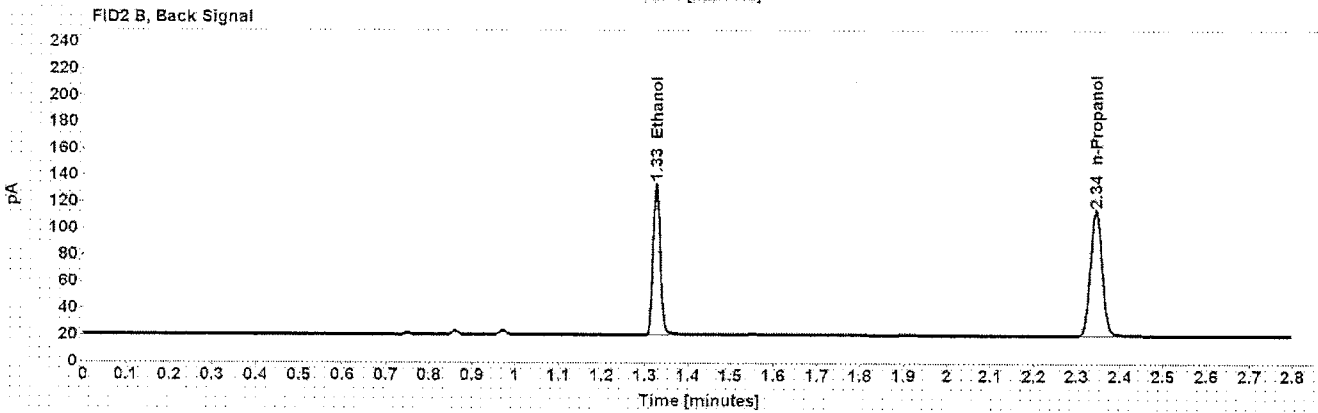
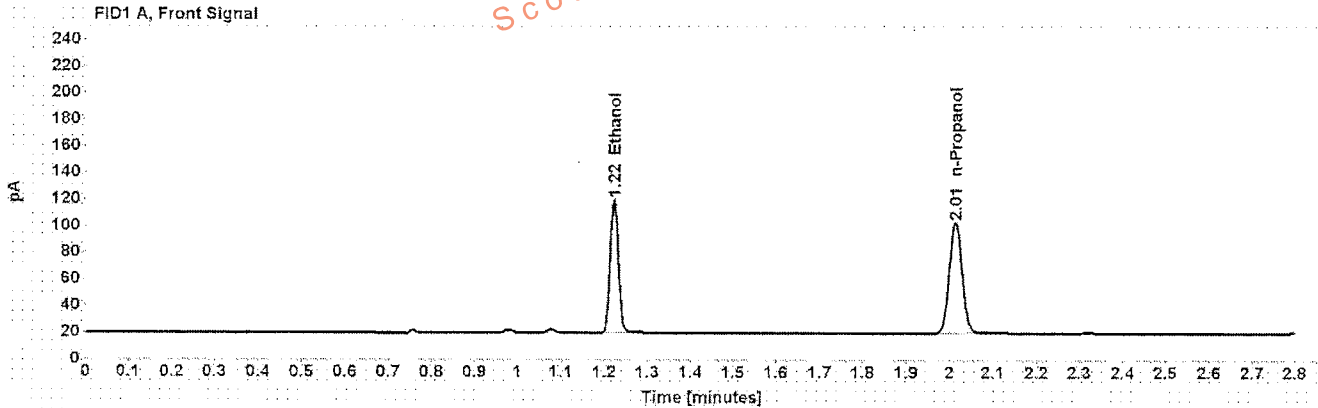


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2184	1.223	132.386
n-Propanol	-----	2.014	171.979

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

Compound	Time (min)	Peak Area
Ethanol	1.326	136.564
n-Propanol	2.344	177.667

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1108061
Injection date: 8/19/2016 7:02:46 PM	Vial: 43
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan
Data file: C:\Chem3211\Data\19Aug16\43.D	

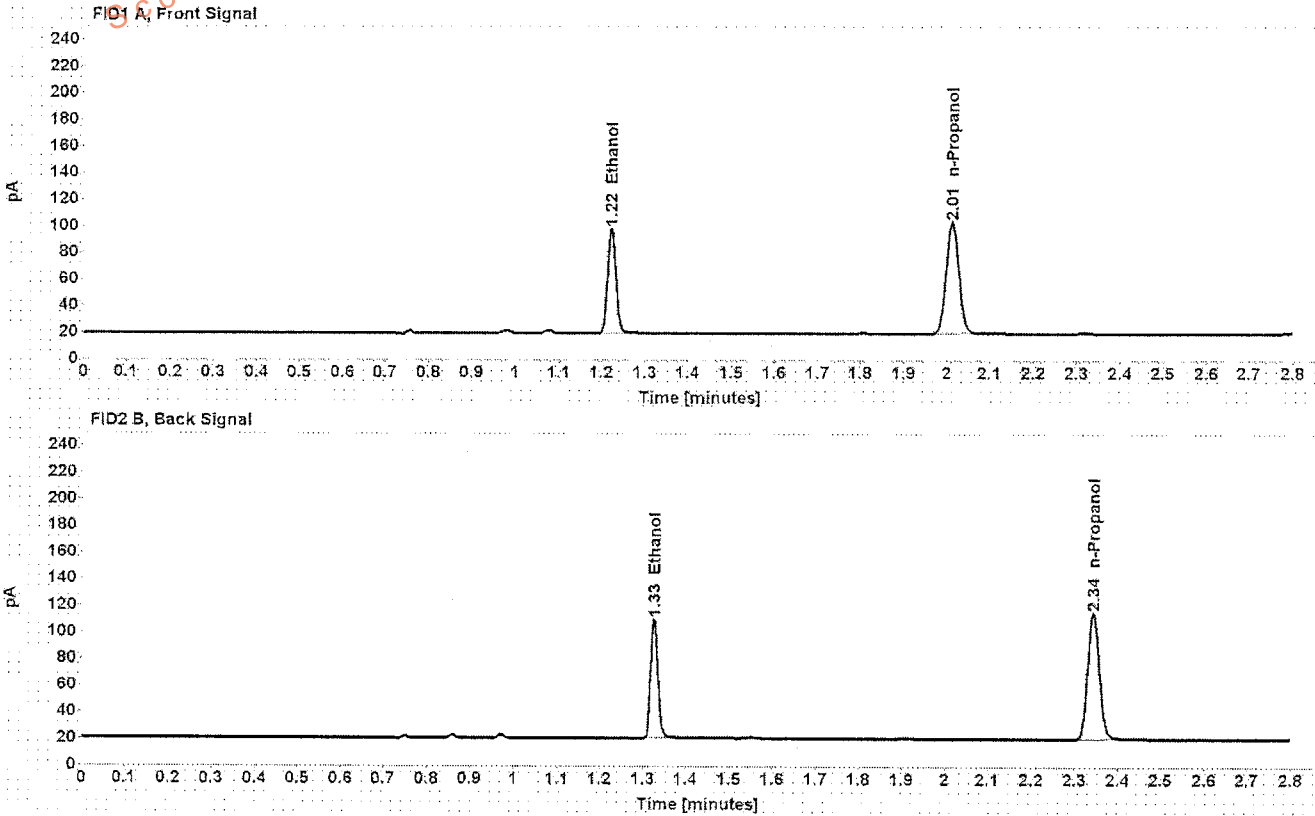


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1716	1.223	104.014
n-Propanol	-----	2.013	172.265

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

Compound	Time (min)	Peak Area
Ethanol	1.326	107.269
n-Propanol	2.344	177.969

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1108061
Injection date:	8/19/2016 7:06:48 PM	Vial:	44
Method:	ethanol quant.M	Sequence:	19Aug16
Instrument:	US14173023 CN14160045	Analyst:	Langan
Data file:	C:\Chem3211\Data\19Aug16\44.D		

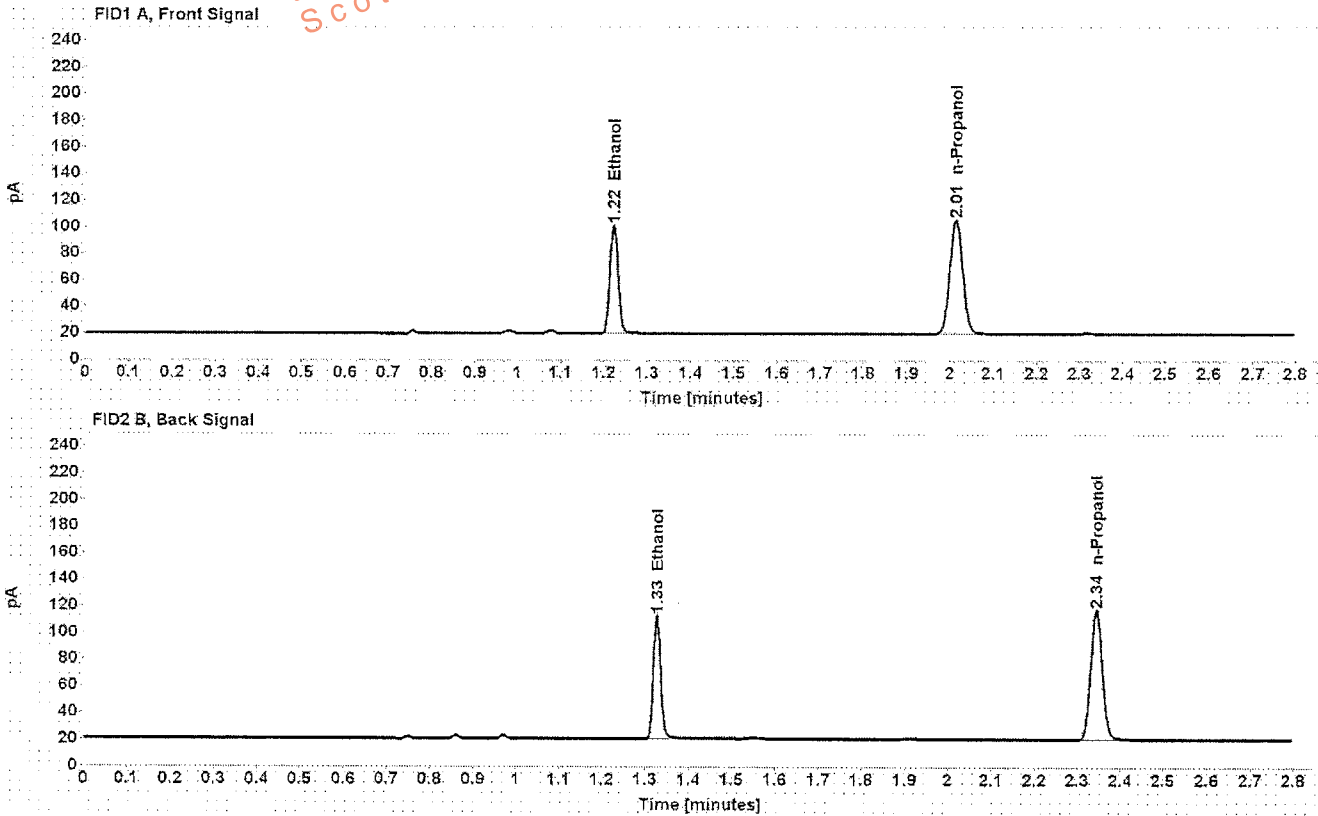


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1730	1.223	107.482
n-Propanol	-----	2.013	176.509

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

Compound	Time (min)	Peak Area
Ethanol	1.326	110.874
n-Propanol	2.344	182.345

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1107887
Injection date: 8/19/2016 7:10:48 PM	Vial: 45
Method: ethanol quant.M	Sequence: 19Aug16
Instrument: US14173023 CN14160045	Analyst: Langan
Data file: C:\Chem32\1\Data\19Aug16\45.D	

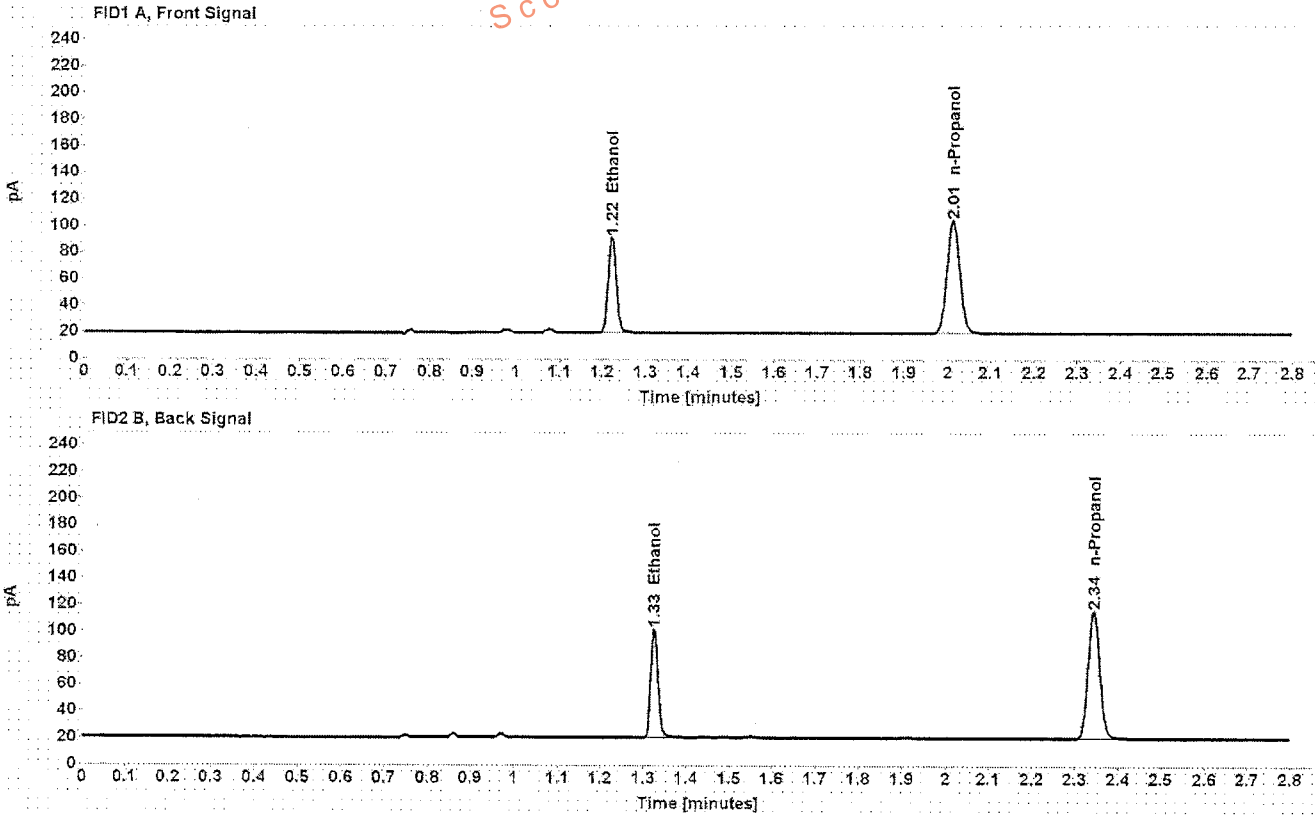


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1547	1.222	94.949
n-Propanol	-----	2.013	174.517

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

Compound	Time (min)	Peak Area
Ethanol	1.325	97.920
n-Propanol	2.343	180.509

Case: [REDACTED] User: alangan 8/22/2016

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1107887
Injection date: 8/19/2016 7:14:48 PM Vial: 46
Method: ethanol quant.M Sequence: 19Aug16
Instrument: US14173023 CN14160045 Analyst: Langan
Data file: C:\Chem32\11\Data\19Aug16\46.D

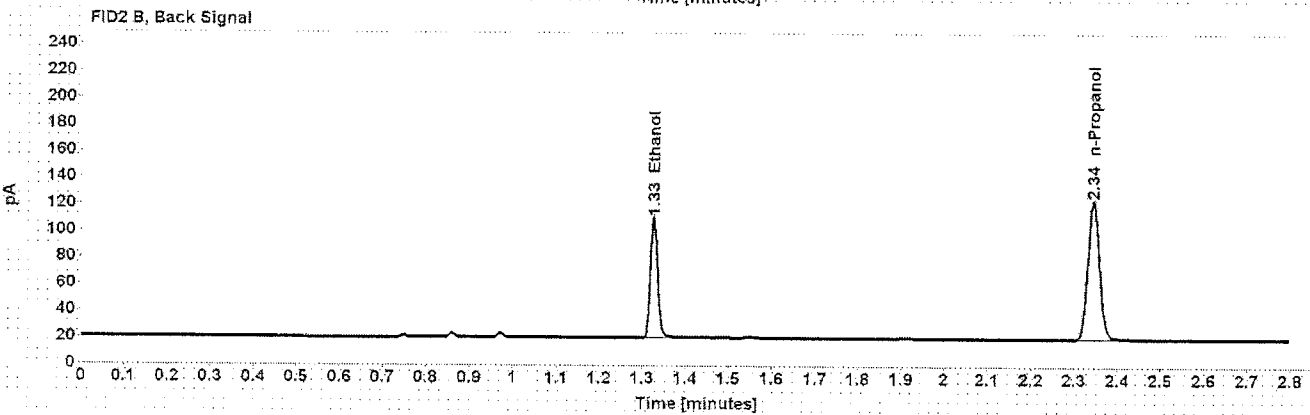
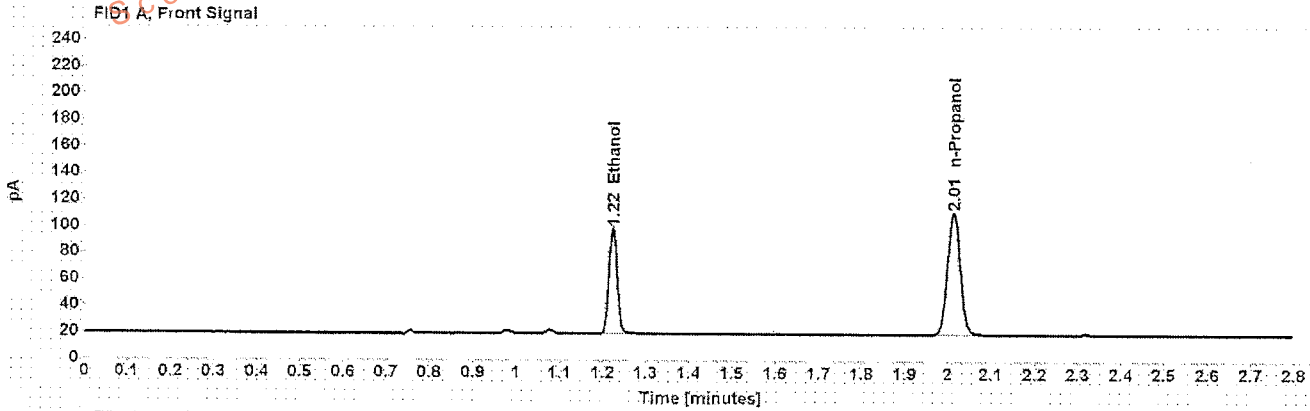


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1581	1.223	104.852
n-Propanol	-----	2.013	188.561

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

Compound	Time (min)	Peak Area
Ethanol	1.326	108.197
n-Propanol	2.344	195.169