

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL/FACE SHEET

ANALYSIS DATE 3/22/17 SEQUENCE NAME 22Mar17

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03241604 Coefficient of determination (r^2)
 Vial 2 0.10 calibrator Lot FN06181501 0.99971
 Vial 3 0.20 calibrator Lot FN07201502
 Vial 4 0.40 calibrator Lot FN11191402

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 012517
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 020917 WLA
7	Aqueous control	0.400 g/dL	0.403 g/dL	Lipomed 08012015-C
8	Aqueous control	0.040 g/dL	0.042 g/dL	Lipomed 09022015-A
9	Blood control	0.200 g/dL	0.196 g/dL	ACQ 407041529/3
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.151 g/dL	Lipomed 09022015-C
42	Blood control	0.200 g/dL	0.197 g/dL	ACQ 407041529/3
53	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
64	Aqueous control	0.150 g/dL	0.150 g/dL	Lipomed 09022015-C
75	Blood control	0.200 g/dL	0.196 g/dL	ACQ 407041529/3
86	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
97	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 08012015-C
98	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 09022015-A
99	Blood control	0.200 g/dL	0.195 g/dL	ACQ 407041529/3
100	Blank	Not detected	Not detected	SPD lab 012517

SUBJECT SAMPLES

Subjects in the sequence 40 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid
 Analyst KOSECKI 3/24/17 Run valid Run invalid
 Technical Reviewer MM Raines B1406 3/29/17

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

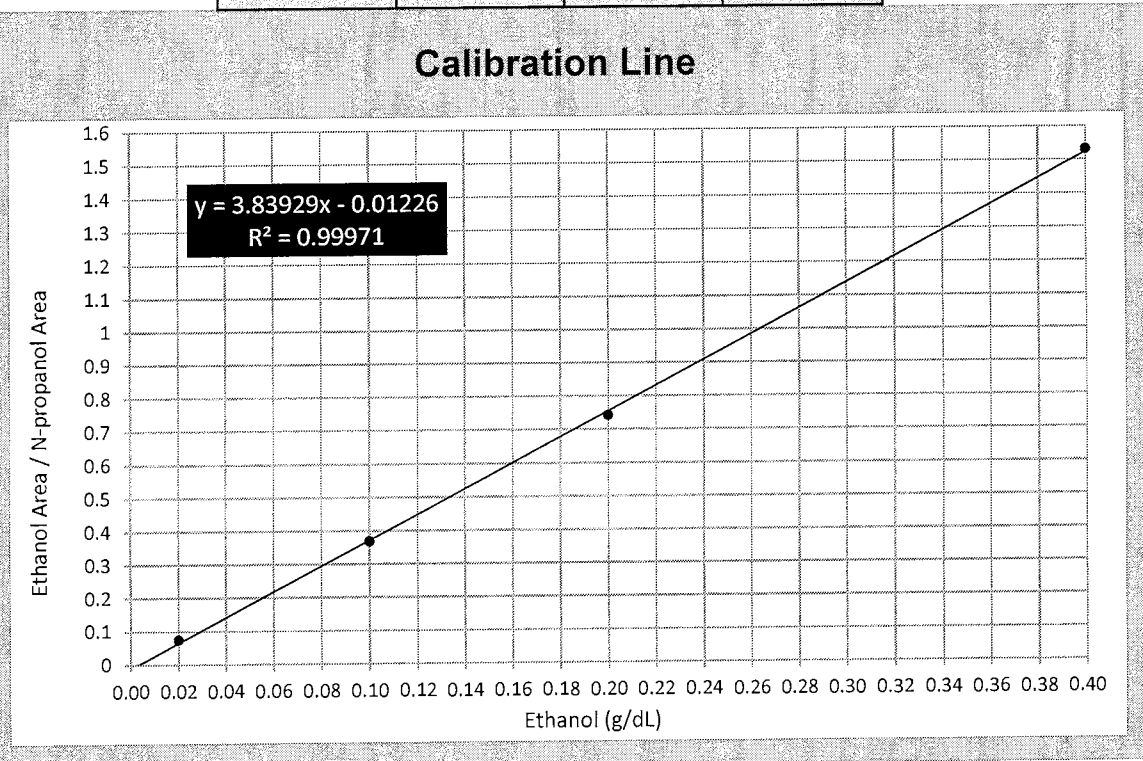
SEQUENCE NAME: 22Mar17

ANALYST: Kosecki *K*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 012517	5	negative	negative	-	-
0.400 Lipomed 08012015-C	7	0.403	0.400	0.75	0.003
0.040 Lipomed 09022015-A	8	0.042	0.040	5.00	0.002
0.200 ACQ 407041529/3	9	0.196	0.200	2.00	-0.004
0.080 Lipomed 28082014-B	20	0.081	0.080	1.25	0.001
0.150 Lipomed 09022015-C	31	0.151	0.150	0.67	0.001
0.200 ACQ 407041529/3	42	0.197	0.200	1.50	-0.003
0.080 Lipomed 28082014-B	53	0.081	0.080	1.25	0.001
0.150 Lipomed 09022015-C	64	0.150	0.150	0.00	0.000
0.200 ACQ 407041529/3	75	0.196	0.200	2.00	-0.004
0.080 Lipomed 28082014-B	86	0.081	0.080	1.25	0.001
0.400 Lipomed 08012015-C	97	0.404	0.400	1.00	0.004
0.040 Lipomed 09022015-A	98	0.041	0.040	2.50	0.001
0.200 ACQ 407041529/3	99	0.195	0.200	2.50	-0.005
blank 012517	100	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.239	151.454	0.074
0.100	53.670	145.565	0.369
0.200	106.791	143.987	0.742
0.400	231.833	151.457	1.531

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0.020 Cerilliant FN03241604	Item number:	
Injection date:	3/22/2017 12:25:41 PM	Vial:	1
Method:	ethanol quant.M	Sequence:	22Mar17
Instrument:	US14173023 CN14160045	Analyst:	Kosecki AK
Data file:	C:\Chem32\11\Data\22Mar17\11.D		

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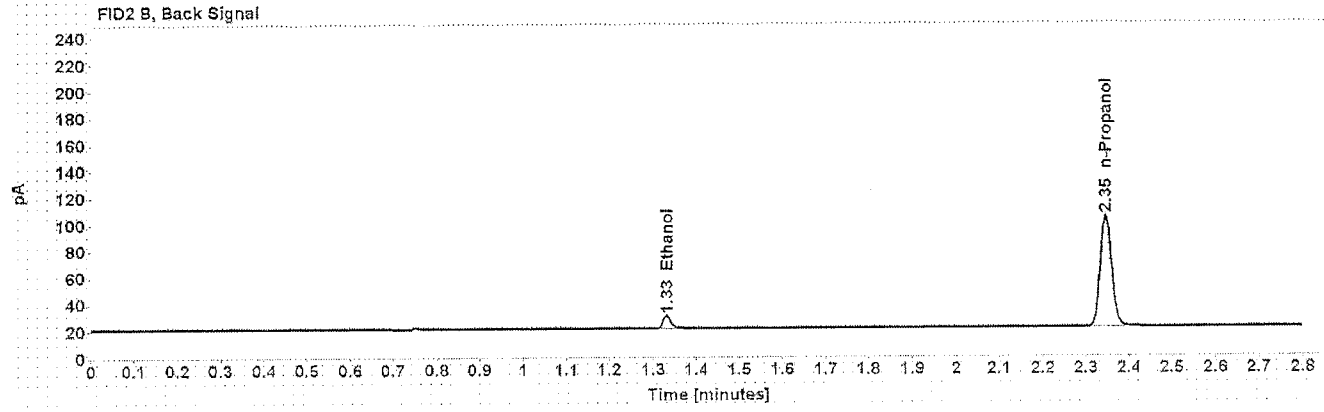
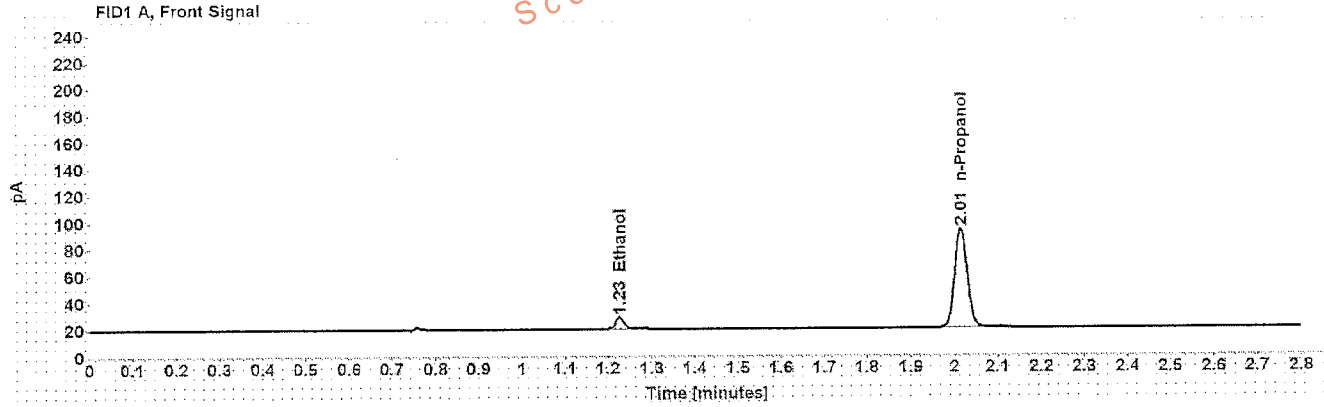


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.226	11.239
n-Propanol	2.015	151.454

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

Compound	Time (min)	Peak Area
Ethanol	1.331	11.413
n-Propanol	2.346	155.906

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.100 Cerilliant FN06181501	Item number:
Injection date: 3/22/2017 12:29:41 PM	Vial: 2
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki AK
Data file: C:\Chem32\1\Data\22Mar17\2.D	

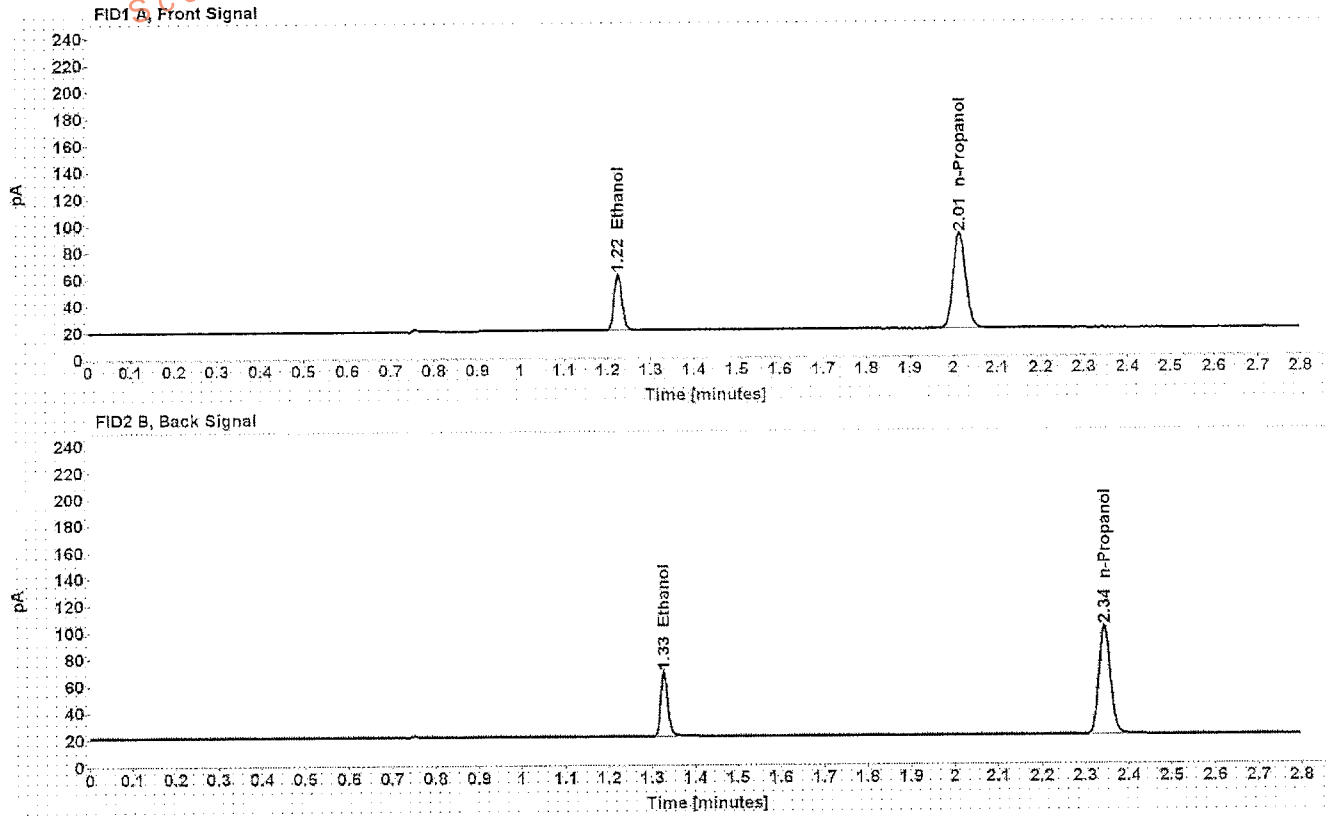


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	53.670
n-Propanol	2.014	145.565

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

Compound	Time (min)	Peak Area
Ethanol	1.327	55.174
n-Propanol	2.344	149.854

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.200 Cerilliant FN07201502	Item number: _____
Injection date: 3/22/2017 12:33:41 PM	Vial: 3
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14178023 CN14160045	Analyst: Kosecki <i>AK</i>
Data file: C:\Chem3211\Data\22Mar17\3.D	

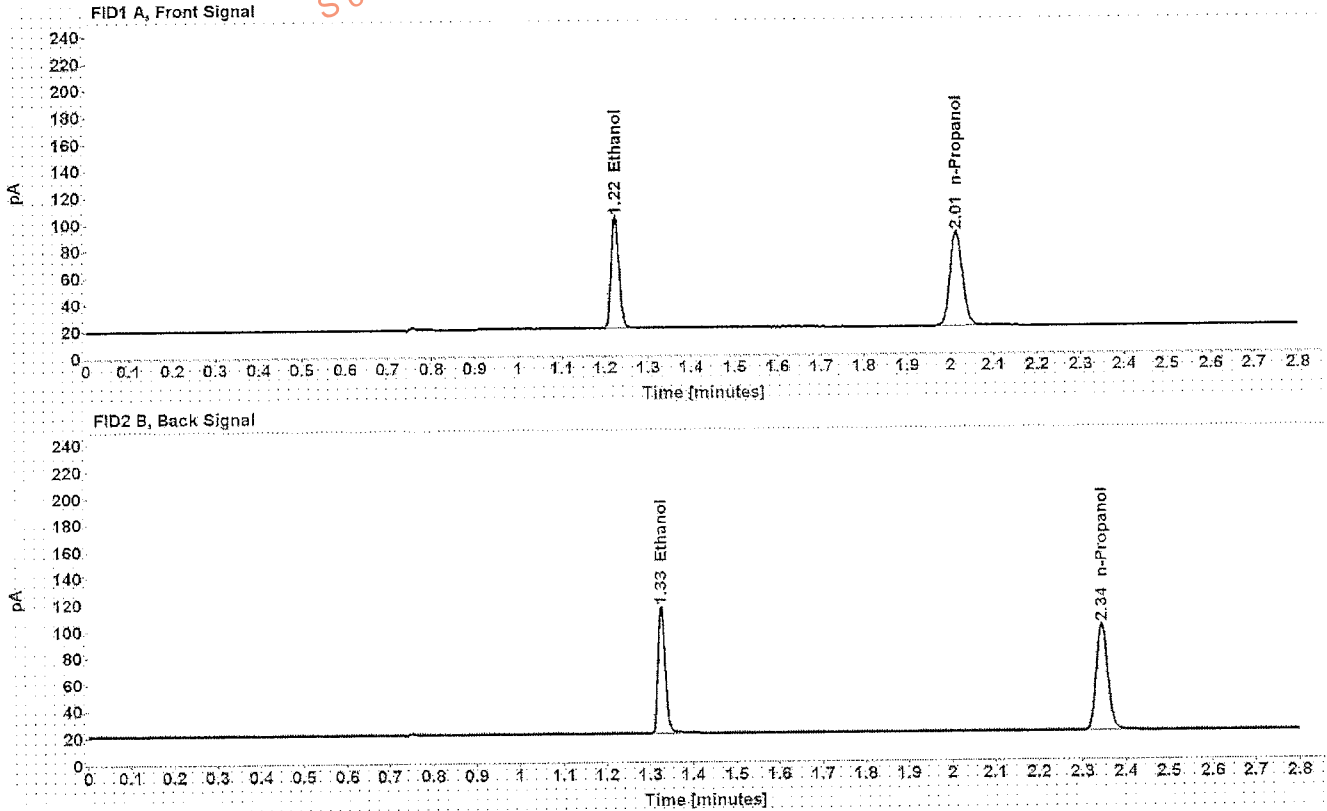


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	106.791
n-Propanol	2.014	143.987

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

Compound	Time (min)	Peak Area
Ethanol	1.326	110.363
n-Propanol	2.344	148.284

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.400 Cerilliant FN11191402	Item number:
Injection date: 3/22/2017 12:37:43 PM	Vial: 4
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki K
Data file: C:\Chem32\1\Data\22Mar17\4.D	

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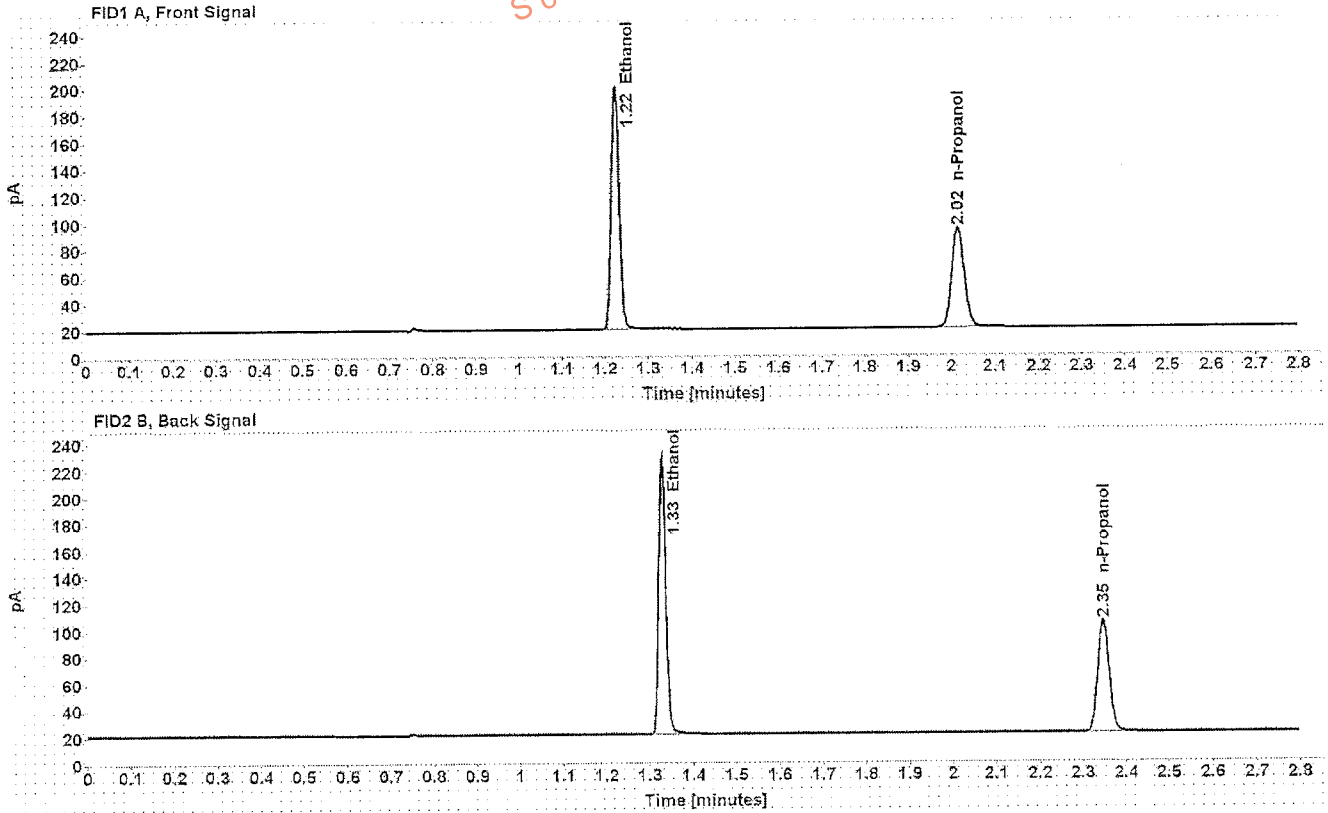


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	231.833
n-Propanol	2.015	151.457

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

Compound	Time (min)	Peak Area
Ethanol	1.328	240.113
n-Propanol	2.346	156.191

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 012517	Item number:
Injection date: 3/22/2017 12:41:41 PM	Vial: 5
Method: ethanol quant M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki <i>K</i>
Data file: C:\Chem32\1\Data\22Mar17\5.D	

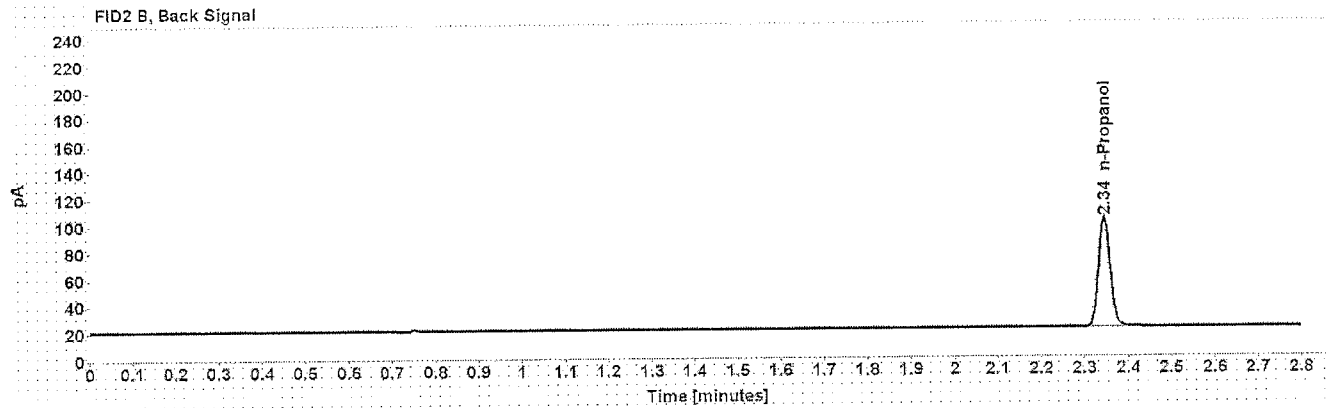
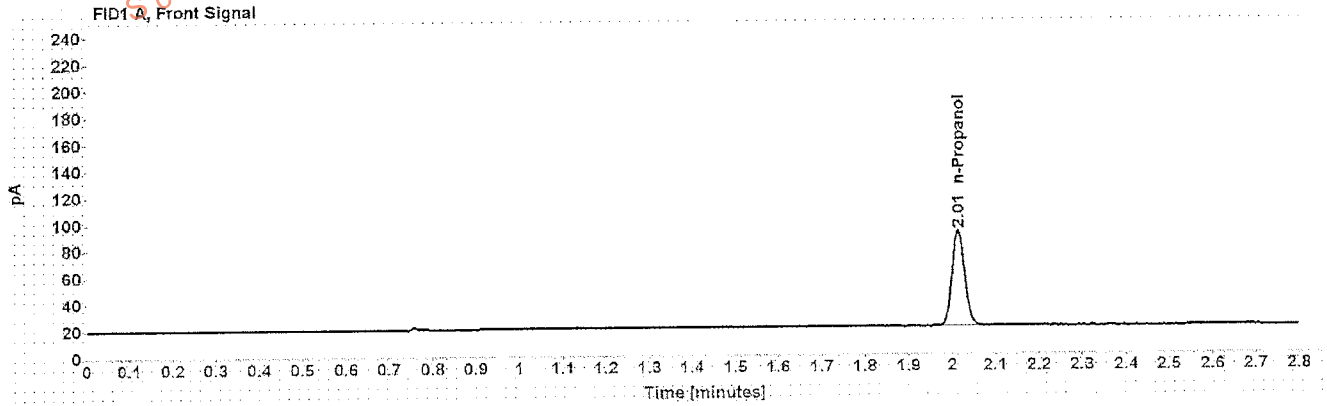


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	146.508

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

Compound	Time (min)	Peak Area
n-Propanol	2.345	150.939

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: volatiles mix 020917 WLA	Item number:
Injection date: 3/22/2017 12:45:41 PM	Vial: 6
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki <i>AK</i>
Data file: C:\Chem3211\Data\22Mar17\6.D	

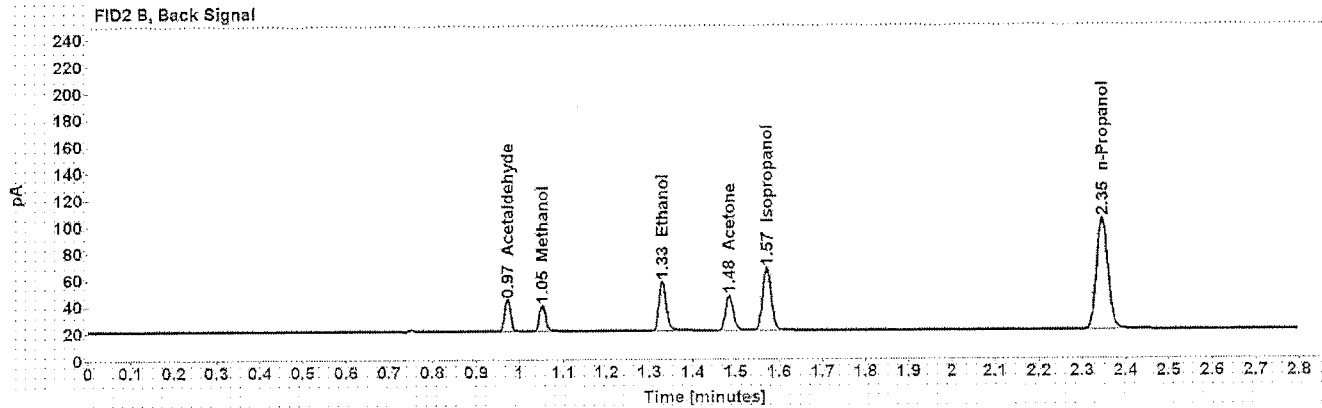
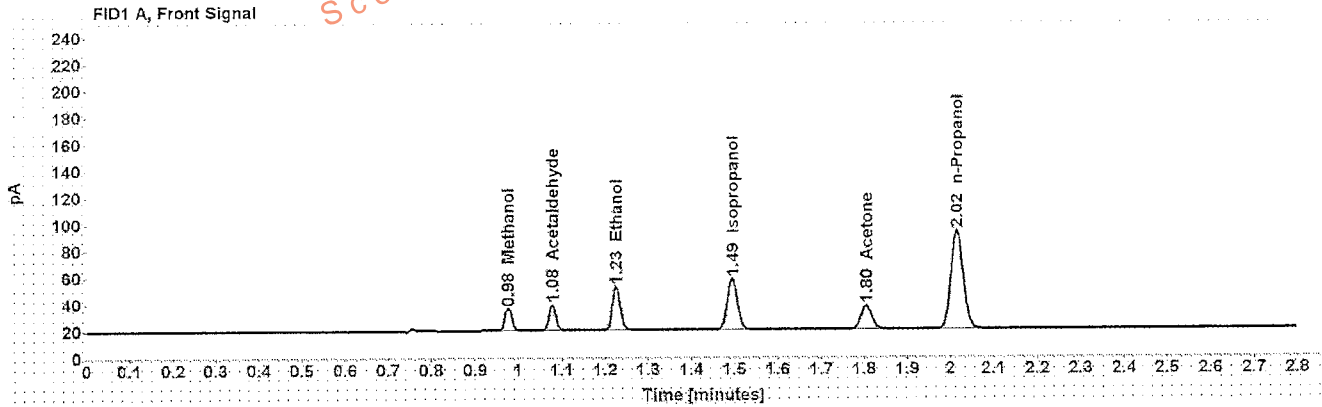


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.977	19.035
Acetaldehyde	-----	1.078	21.224
>Ethanol	0.0755	1.225	41.835
Isopropanol	-----	1.494	62.647
Acetone	-----	1.805	31.603
n-Propanol	-----	2.015	150.667

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	22.588
Methanol	1.052	19.692
Ethanol	1.329	43.003
Acetone	1.484	32.312
Isopropanol	1.572	65.025
n-Propanol	2.346	155.030

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.400 Lipomed 08012015-C	Item number:
Injection date: 3/22/2017 12:49:56 PM	Vial: 7
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki <i>AK</i>
Data file: C:\Chem32\1\Data\22Mar17\7.D	

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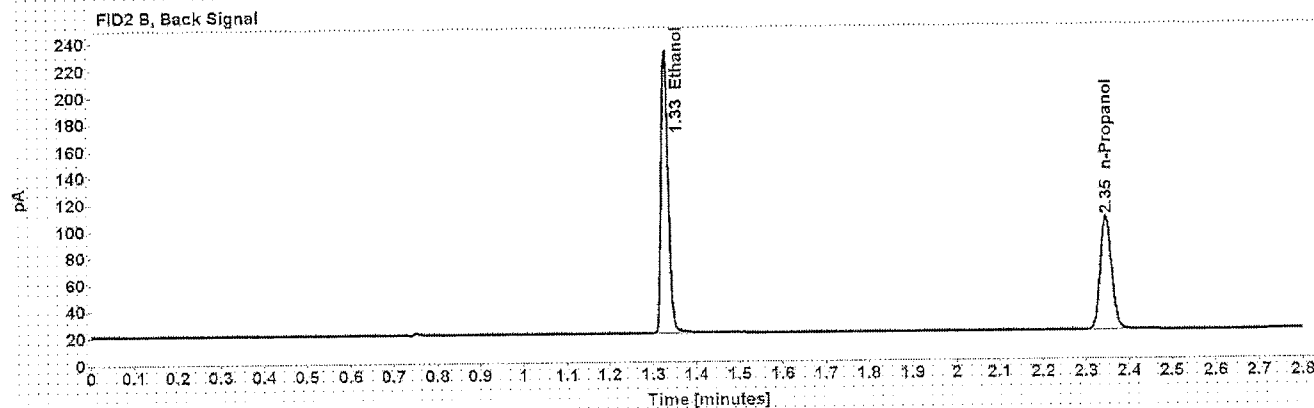
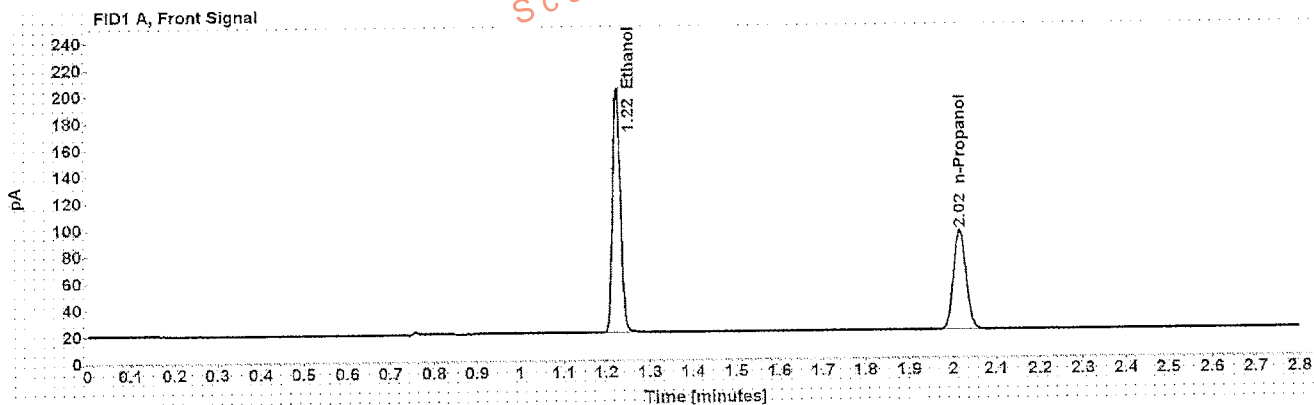


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4037	1.224	234.810
n-Propanol	-----	2.015	152.694

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

Compound	Time (min)	Peak Area
Ethanol	1.328	243.338
n-Propanol	2.346	157.153

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.040 Lipomed 09022015-A	Item number:
Injection date: 3/22/2017 12:53:56 PM	Vial: 8
Method: ethanol.quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki <i>AK</i>
Data file: C:\Chem3211\Data\22Mar17\8.D	

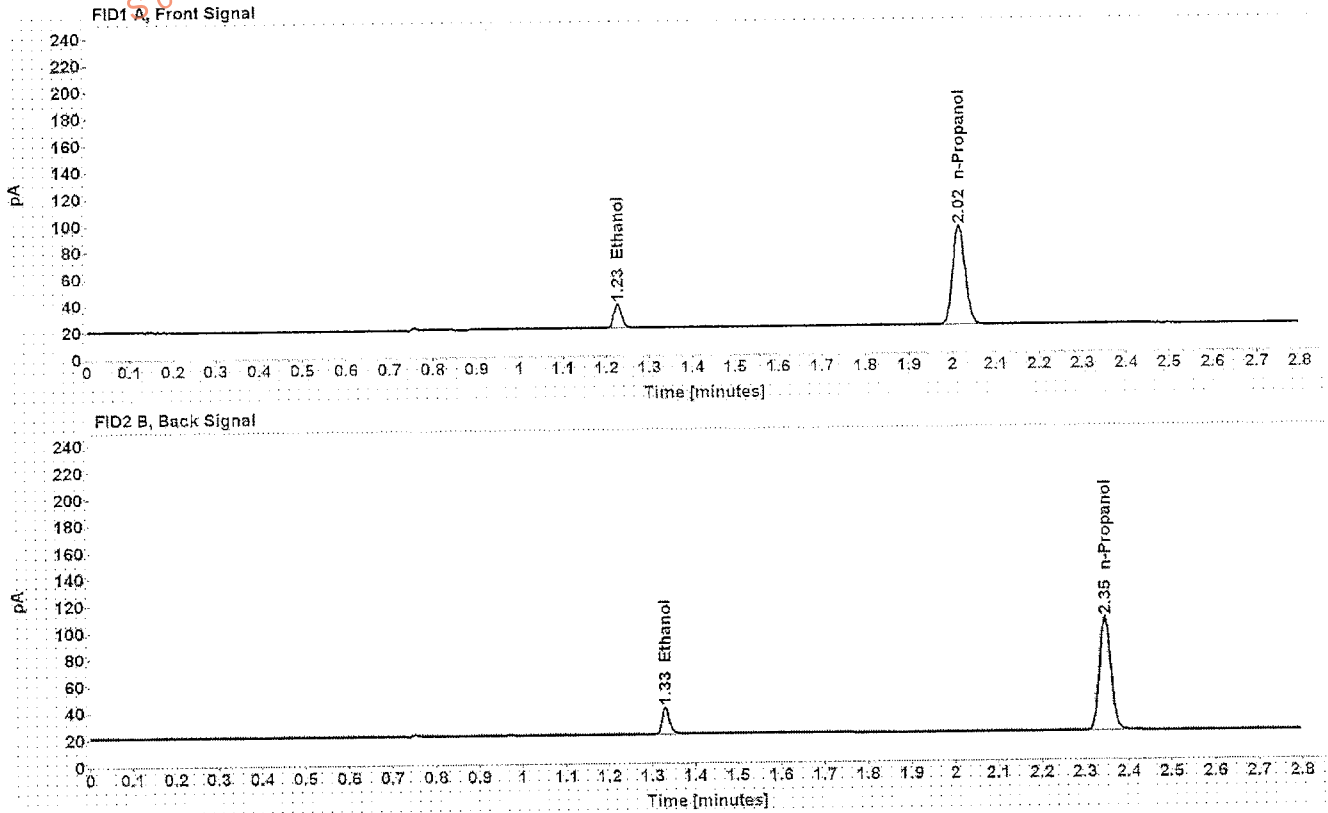


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0422	1.226	22.828
n-Propanol	-----	2.015	152.360

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

Compound	Time (min)	Peak Area
Ethanol	1.330	23.319
n-Propanol	2.346	156.937

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.200 ACQ 407041529/3	Item number: 9
Injection date: 3/22/2017 12:57:58 PM	Vial: 9
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 QN14160045	Analyst: Kosecki K
Data file: C:\Chem321\Data\22Mar17\9.D	

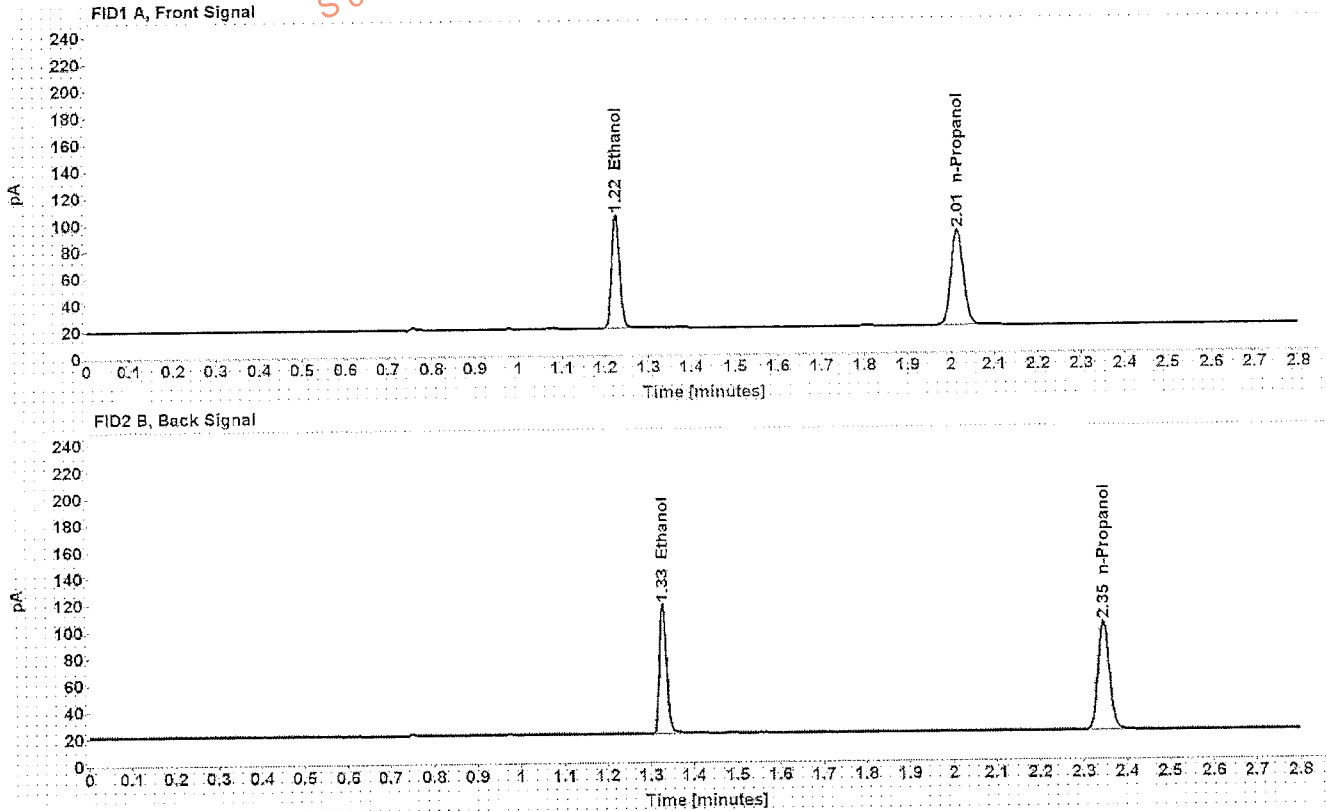


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1963	1.224	108.270
n-Propanol	-----	2.015	146.043

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

Compound	Time (min)	Peak Area
Ethanol	1.327	111.916
n-Propanol	2.346	150.612

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 3/22/2017 1:42:25 PM	Vial: 20
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki AK
Data file: C:\Chem32\1\Data\22Mar17\20.D	

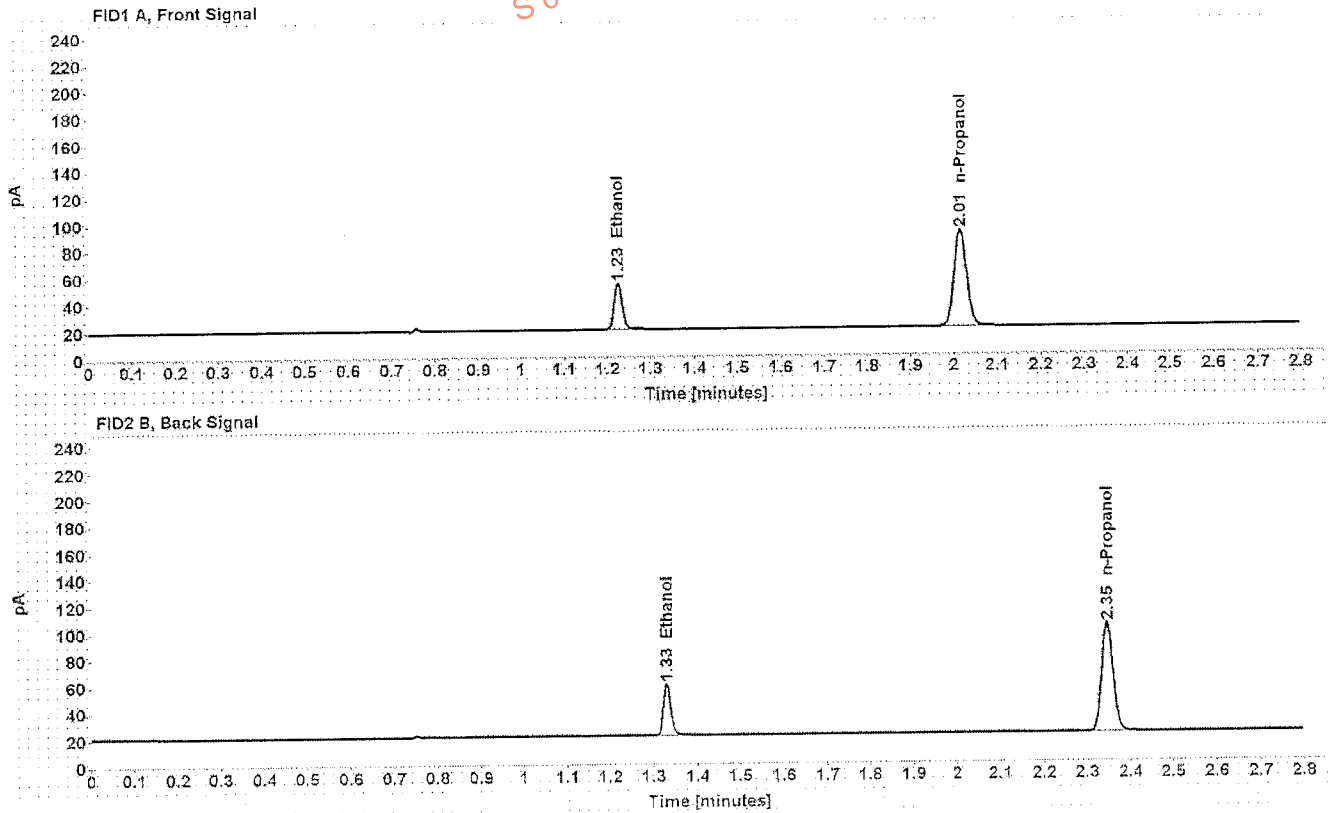


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0811	1.225	43.868
n-Propanol	-----	2.015	146.576

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

Compound	Time (min)	Peak Area
Ethanol	1.329	45.248
n-Propanol	2.346	151.398

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.150 Lipomed 09022015-C	Item number:
Injection date: 3/22/2017 2:26:56 PM	Vial: 31
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki <i>K</i>
Data file: C:\Chem32\1\Data\22Mar17\31.D	

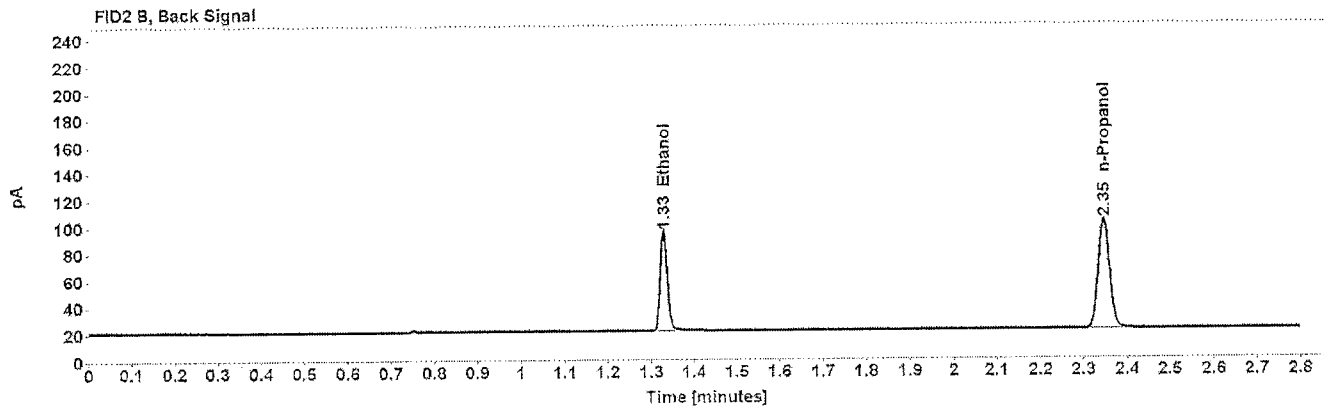
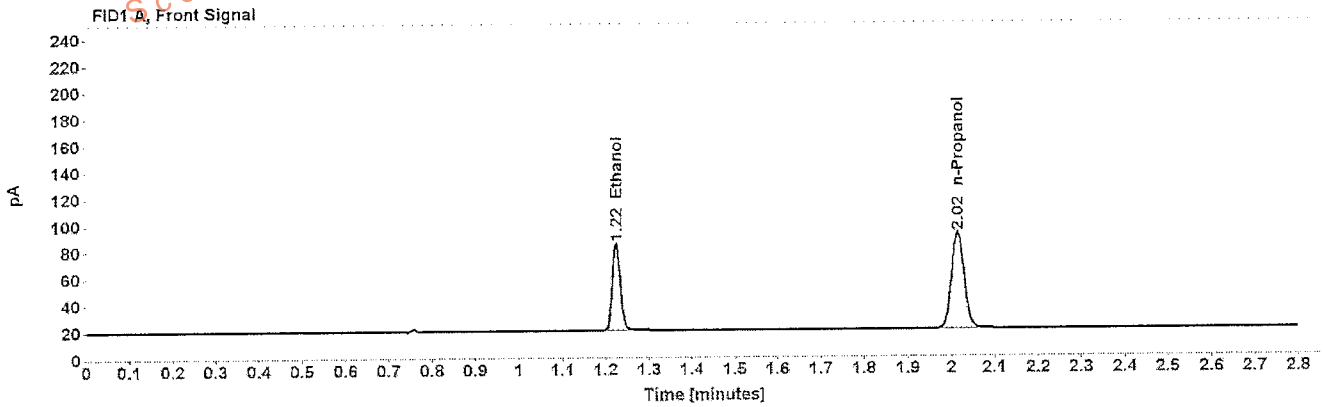


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1513	1.225	83.509
n-Propanol	-----	2.015	146.833

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

Compound	Time (min)	Peak Area
Ethanol	1.328	86.260
n-Propanol	2.346	151.646

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.200 ACQ 407041529/3	Item number:
Injection date: 3/22/2017 3:11:11 PM	Vial: 42
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki K
Data file: C:\Chem321\Data\22Mar17\42.D	

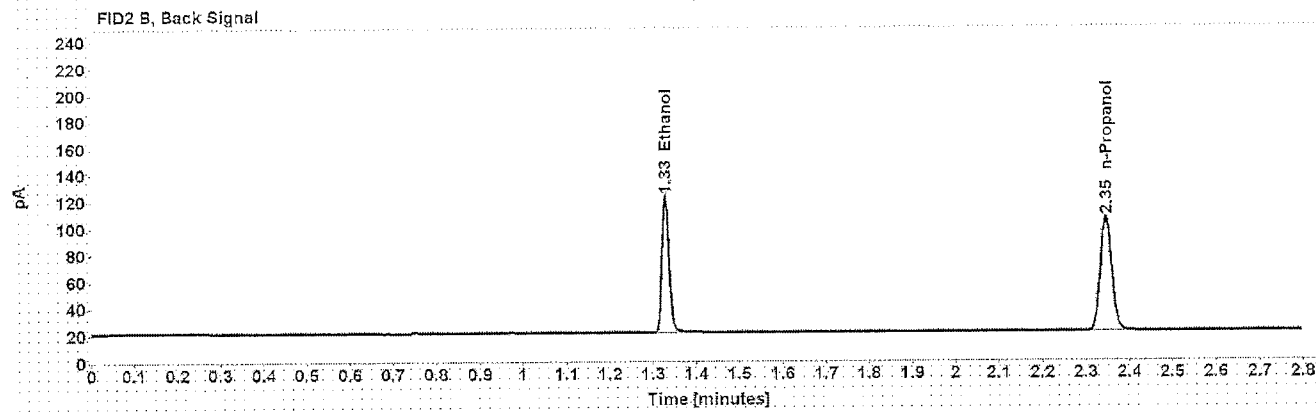
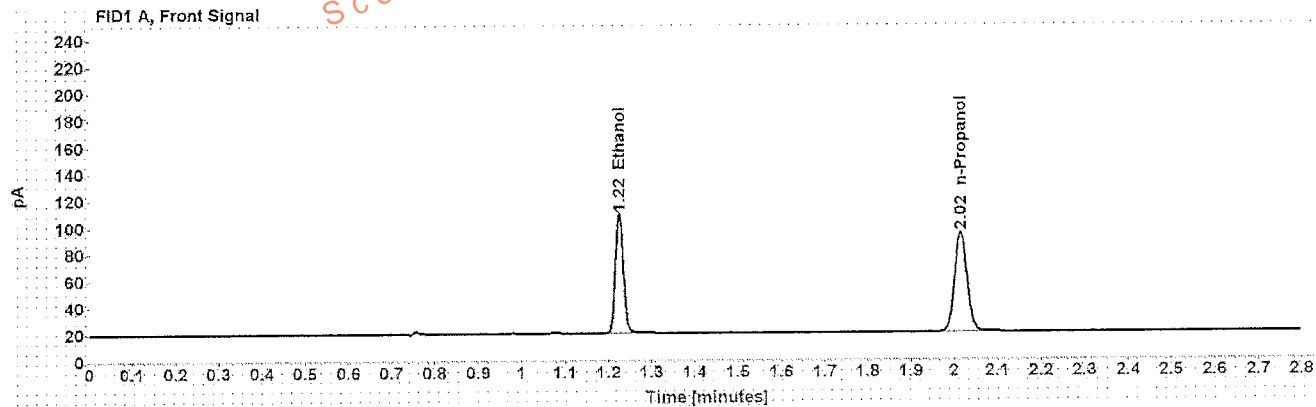


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1979	1.225	114.217
n-Propanol	-----	2.015	152.802

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

Compound	Time (min)	Peak Area
Ethanol	1.328	118.234
n-Propanol	2.346	157.391

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 3/22/2017 3:55:41 PM	Vial: 53
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki K
Data file: C:\Chem32\1\Data\22Mar17\53.D	

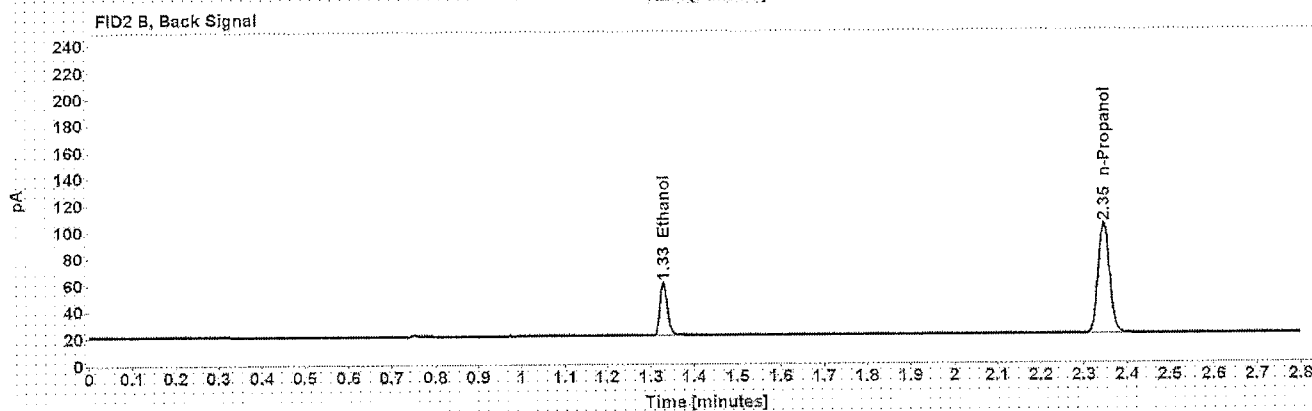
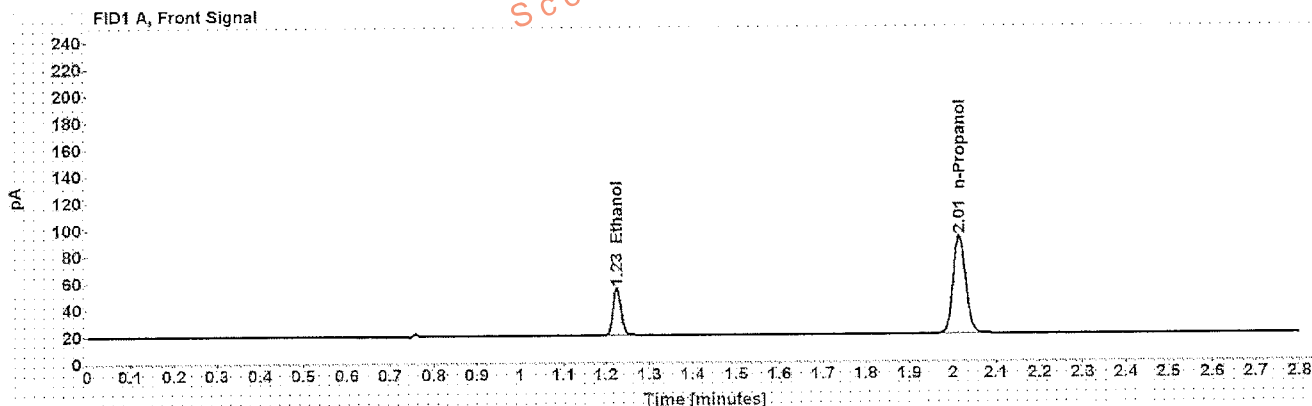


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0814	1.225	44.918
n-Propanol	-----	2.015	149.675

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

Compound	Time (min)	Peak Area
Ethanol	1.329	46.304
n-Propanol	2.346	154.229

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.150 Lipomed 09022015-C	Item number:
Injection date: 3/22/2017 4:40:11 PM	Vial: 64
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki K
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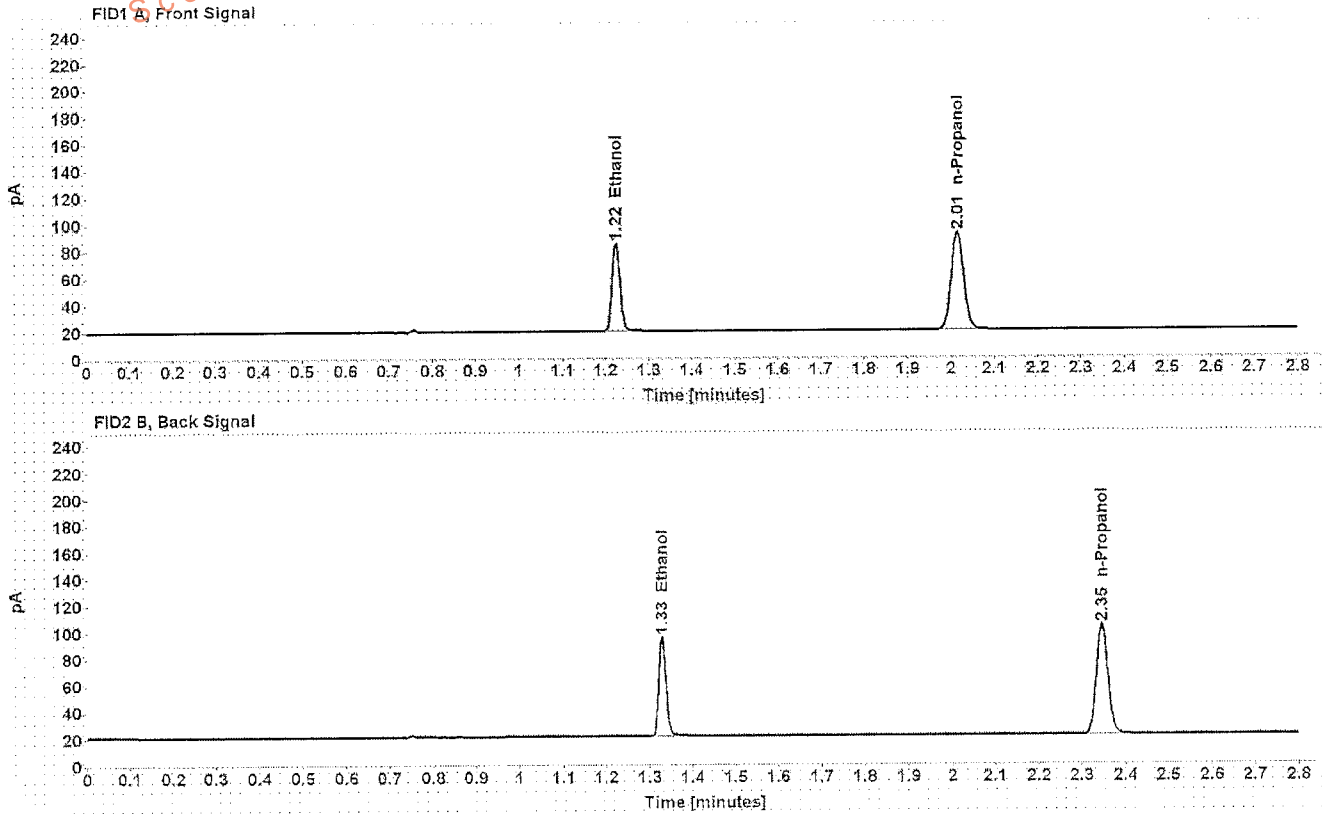


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1507	1.225	83.975
n-Propanol	-----	2.015	148.258

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

Compound	Time (min)	Peak Area
Ethanol	1.328	86.794
n-Propanol	2.345	153.233

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.200 ACQ 407041529/3	Item number:
Injection date: 3/22/2017 5:24:40 PM	Vial: 75
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki AK
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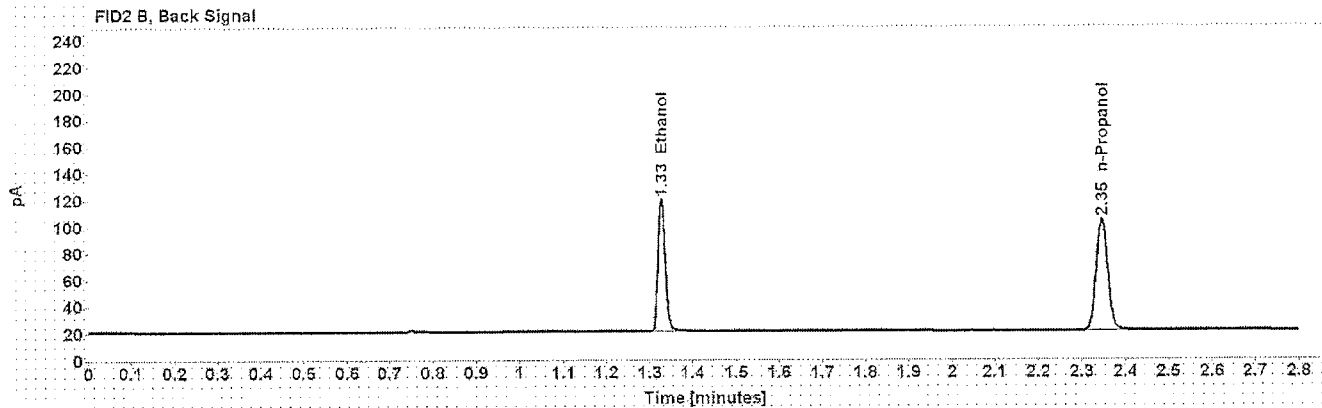
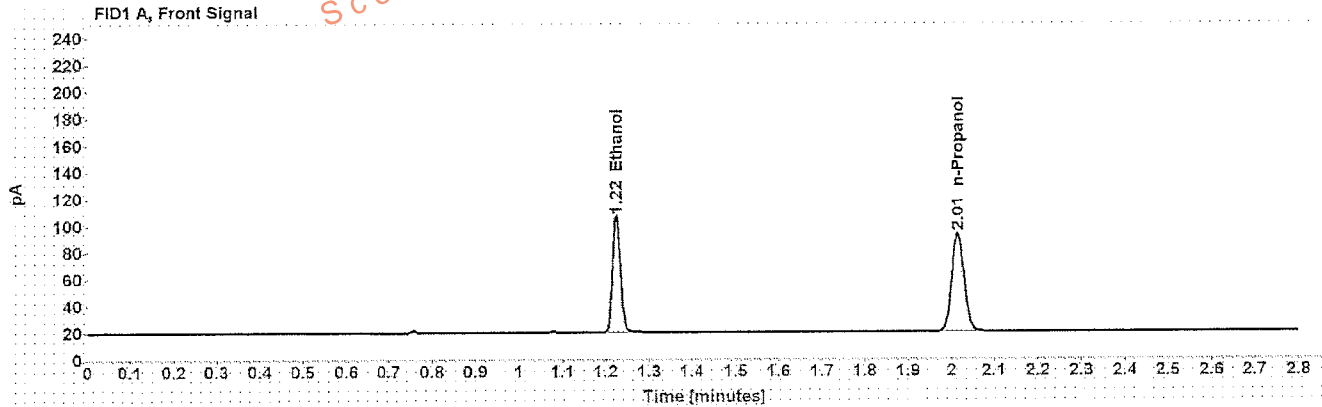


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1966	1.224	111.682
n-Propanol	-----	2.015	150.427

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

Compound	Time (min)	Peak Area
Ethanol	1.327	115.400
n-Propanol	2.345	155.478

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 3/22/2017 6:09:10 PM	Vial: 86
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki K
Data file: C:\Chem32\1\Data\22Mar17\86.D	

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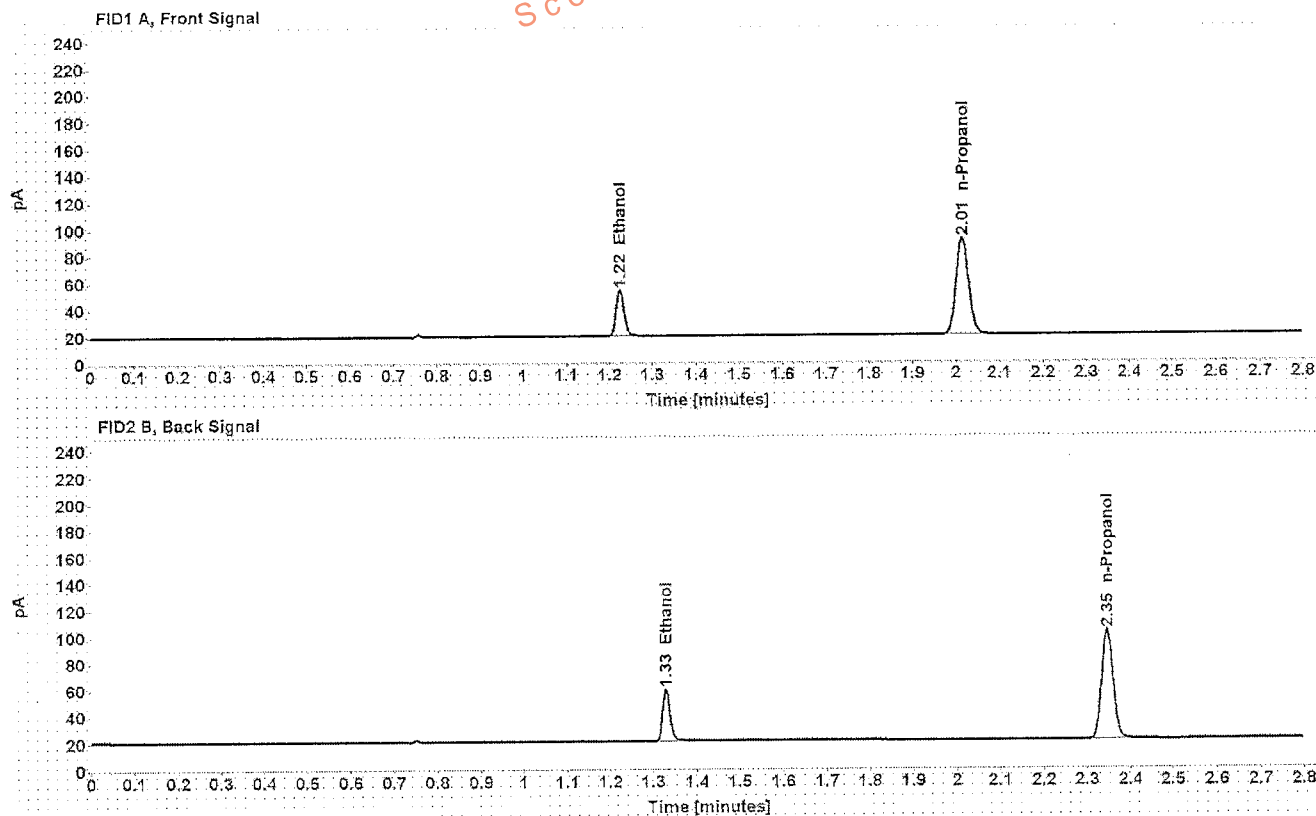


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0810	1.225	44.072
n-Propanol	-----	2.015	147.456

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

Compound	Time (min)	Peak Area
Ethanol	1.328	45.198
n-Propanol	2.345	152.262

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.40 Lipomed 08012015-C	Item number:
Injection date: 3/22/2017 6:53:41 PM	Vial: 97
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki K
Data file: C:\Chem32\1\Data\22Mar17\97.D	

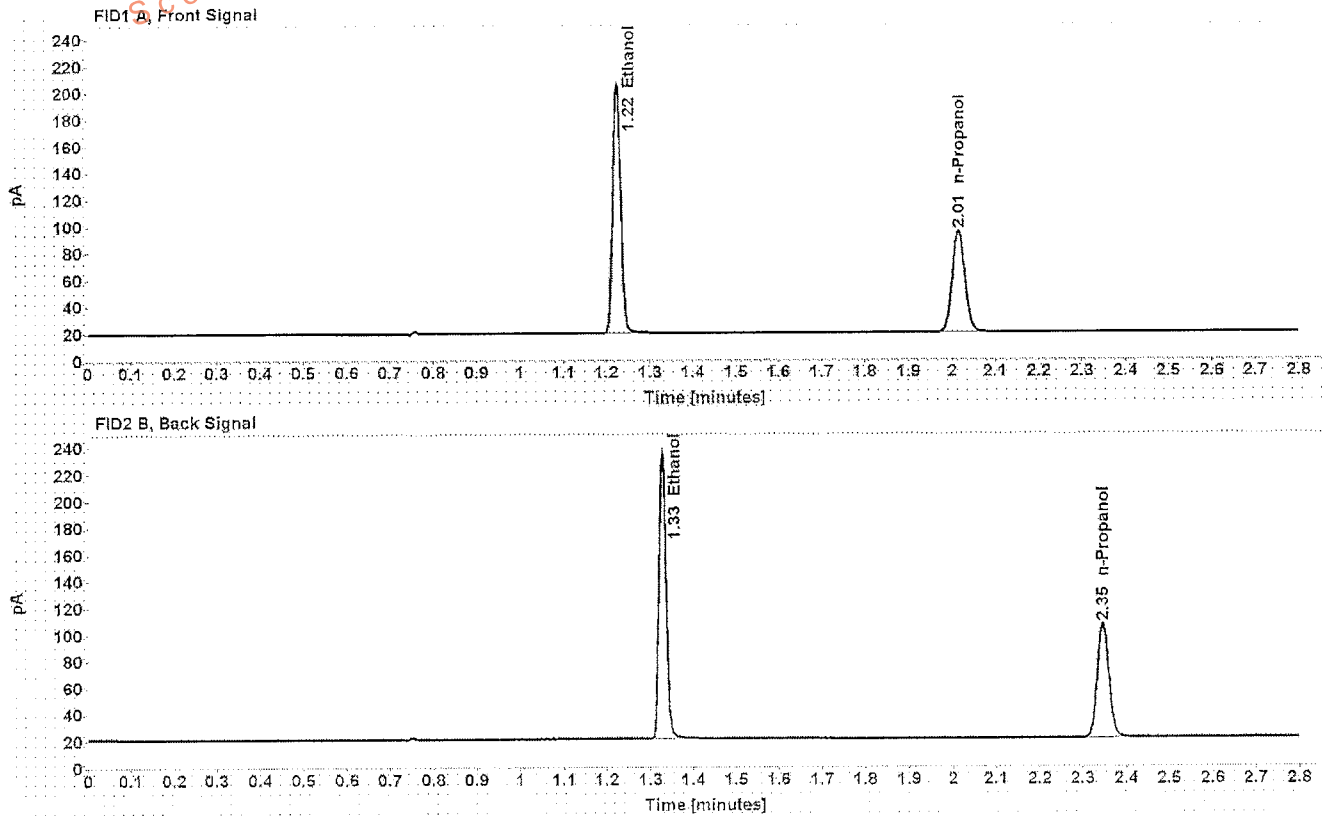


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4048	1.224	238.749
n-Propanol	-----	2.015	154.824

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

Compound	Time (min)	Peak Area
Ethanol	1.327	247.949
n-Propanol	2.346	159.987

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.04 Lipomed 09022015-A	Item number:
Injection date: 3/22/2017 6:57:41 PM	Vial: 98
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki AK
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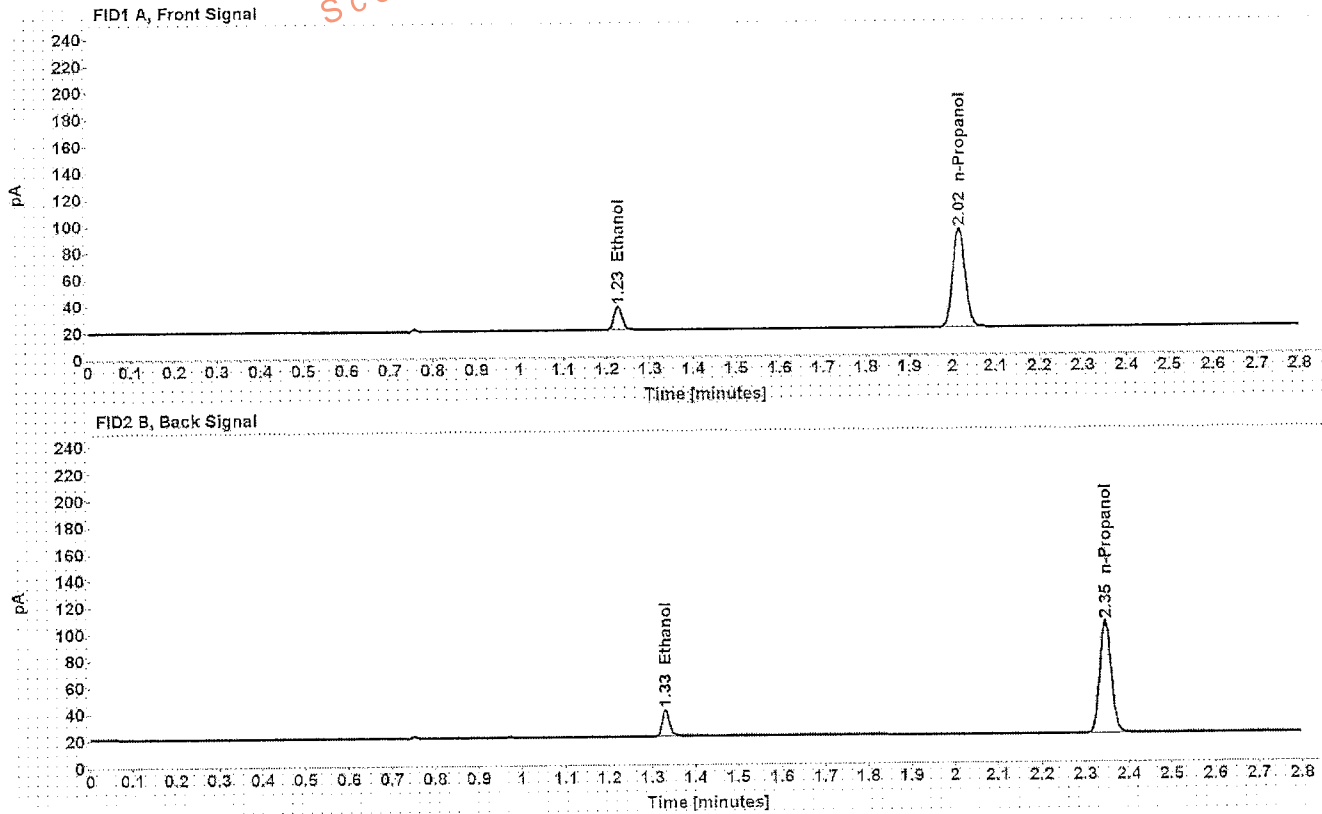


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0419	1.226	22.534
n-Propanol	-----	2.015	151.577

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

Compound	Time (min)	Peak Area
Ethanol	1.330	23.171
n-Propanol	2.346	156.752

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.200 ACQ 407041529/3	Item number:
Injection date: 3/22/2017 7:01:41 PM	Vial: 99
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki K-
Data file: C:\Chem32\1\Data\22Mar17\99.D	

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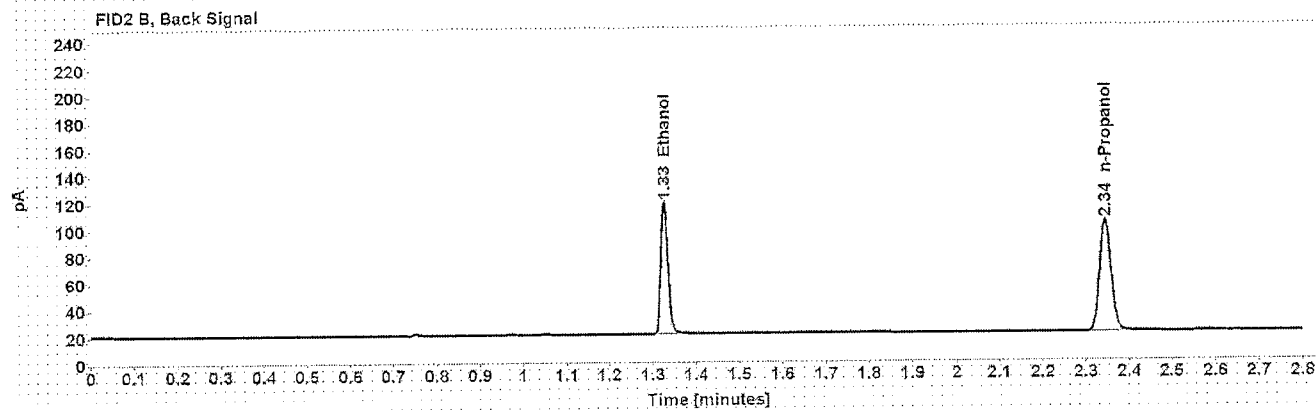
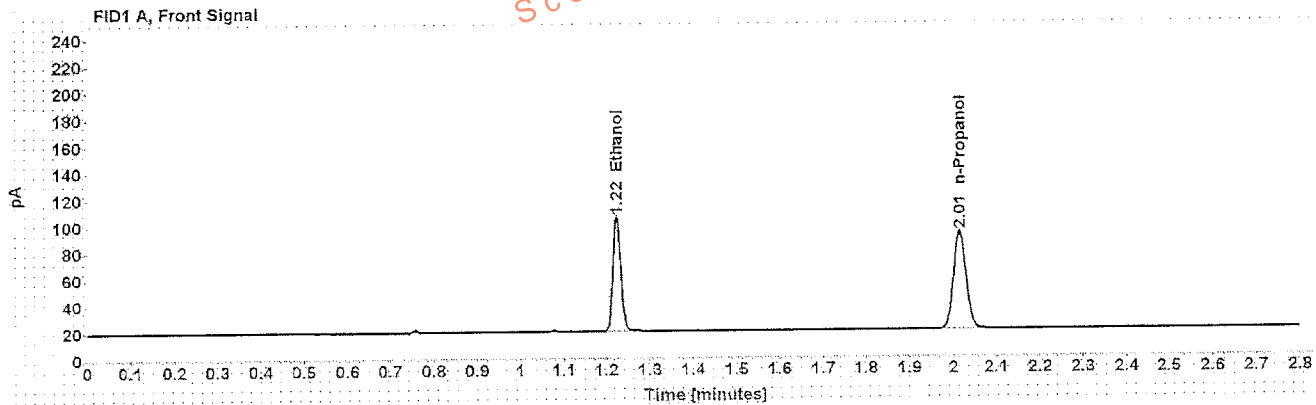


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1957	1.224	110.559
n-Propanol	-----	2.014	149.615

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

Compound	Time (min)	Peak Area
Ethanol	1.327	114.222
n-Propanol	2.345	154.869

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 012517	Item number:
Injection date: 3/22/2017 7:05:41 PM	Vial: 100
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki K
Data file: C:\Chem321\Data\22Mar17\100.D	

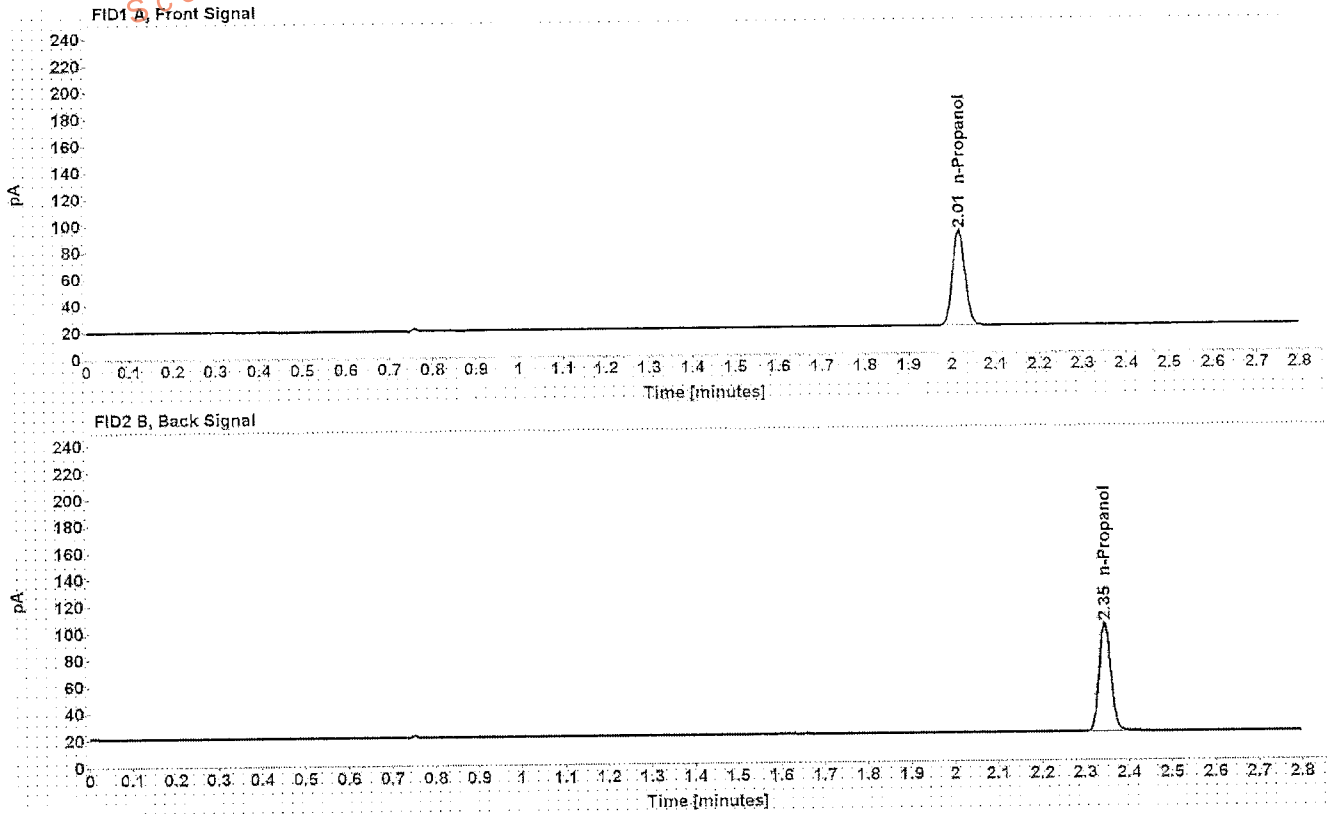


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	145.801

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

Compound	Time (min)	Peak Area
n-Propanol	2.345	150.830

Scottsdale Police Department Crime Laboratory

Summary of Cases

SEQUENCE NAME: 22Mar17

ANALYST: Kosecki ^{*}

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2015	0.1985	0.20000	0.75	0.00150
12 13	0.1836	0.1840	0.18380	0.11	0.00020
14 15	0.1214	0.1219	0.12165	0.21	0.00025
16 17	0.1039	0.1030	0.10345	0.43	0.00045
18 19	0.2077	0.2092	0.20845	0.36	0.00075
21 22	0.0908	0.0910	0.09090	0.11	0.00010
23 24	0.0878	0.0875	0.08765	0.17	0.00015
25 26	0.1690	0.1700	0.16950	0.29	0.00050
27 28	0.2287	0.2274	0.22805	0.29	0.00065
29 30	0.0969	0.0979	0.09740	0.51	0.00050
32 33	0.2640	0.2629	0.26345	0.21	0.00055
34 35	0.1721	0.1708	0.17145	0.38	0.00065
36 37	0.1872	0.1848	0.18600	0.65	0.00120
38 39	0.1781	0.1797	0.17890	0.45	0.00080
40 41	0.2133	0.2140	0.21365	0.16	0.00035
43 44	0.2506	0.2501	0.25035	0.10	0.00025
45 46	0.1074	0.1077	0.10755	0.14	0.00015
47 48	0.1817	0.1806	0.18115	0.30	0.00055
49 50	0.0882	0.0885	0.08835	0.17	0.00015
51 52	0.2743	0.2741	0.27420	0.04	0.00010
54 55	0.1351	0.1354	0.13525	0.11	0.00015
56 57	0.2196	0.2196	0.21960	0.00	0.00000
58 59	0.2967	0.2978	0.29725	0.19	0.00055
60 61	0.0795	0.0784	0.07895	0.70	0.00055
62 63	0.1713	0.1723	0.17180	0.29	0.00050
65 66	0.0933	0.0935	0.09340	0.11	0.00010
67 68	0.1003	0.1005	0.10040	0.10	0.00010
69 70	0.1804	0.1788	0.17960	0.45	0.00080
71 72	0.1614	0.1605	0.16095	0.28	0.00045
73 74	0.1053	0.1056	0.10545	0.14	0.00015
76 77	0.1541	0.1542	0.15415	0.03	0.00005
78 79	0.1030	0.1043	0.10365	0.63	0.00065
80 81	0.1297	0.1293	0.12950	0.15	0.00020
82 83	0.1257	0.1249	0.12530	0.32	0.00040
84 85	0.1838	0.1846	0.18420	0.22	0.00040
87 88	0.2186	0.2182	0.21840	0.09	0.00020
89 90	0.1572	0.1575	0.15735	0.10	0.00015
91 92	0.0914	0.0911	0.09125	0.16	0.00015
93 94	0.1167	0.1170	0.11685	0.13	0.00015
95 96	0.2504	0.2543	0.25235	0.77	0.00195

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

Sequence Summary

Sequence name: 22Mar17 Instrument: US14173023 CN14160045 Analyst: Kosecki

Vial	Sample	Type	Item Number	Method
1	0.020 Cerilliant FN03241604	Calibration		ethanol quant.M
2	0.100 Cerilliant FN06181501	Calibration		ethanol quant.M
3	0.200 Cerilliant FN07201502	Calibration		ethanol quant.M
4	0.400 Cerilliant FN11191402	Calibration		ethanol quant.M
5	blank 012517	Control		ethanol quant.M
6	volatiles mix 020917 WLA	Control		ethanol quant.M
7	0.400 Lipomed 08012015-C	Control		ethanol quant.M
8	0.040 Lipomed 09022015-A	Control		ethanol quant.M
9	0.200 ACQ 407041529/3	Control		ethanol quant.M
10		Sample	1086307	ethanol quant.M
11		Sample	1086307	ethanol quant.M
12		Sample	1076598	ethanol quant.M
13		Sample	1076598	ethanol quant.M
14		Sample	1097484	ethanol quant.M
15		Sample	1097484	ethanol quant.M
16		Sample	1064439	ethanol quant.M
17		Sample	1064439	ethanol quant.M
18		Sample	1075423	ethanol quant.M
19		Sample	1075423	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21		Sample	1071753	ethanol quant.M
22		Sample	1071753	ethanol quant.M
23		Sample	1058350	ethanol quant.M
24		Sample	1058350	ethanol quant.M
25		Sample	1054209	ethanol quant.M
26		Sample	1054209	ethanol quant.M
27		Sample	1054482	ethanol quant.M
28		Sample	1054482	ethanol quant.M
29		Sample	1054801	ethanol quant.M
30		Sample	1054801	ethanol quant.M
31	0.150 Lipomed 09022015-C	Control		ethanol quant.M
32		Sample	1083977	ethanol quant.M
33		Sample	1083977	ethanol quant.M
34		Sample	1089122	ethanol quant.M
35		Sample	1089122	ethanol quant.M
36		Sample	1060761	ethanol quant.M
37		Sample	1060761	ethanol quant.M
38		Sample	1068028	ethanol quant.M
39		Sample	1068028	ethanol quant.M
40		Sample	1066425	ethanol quant.M
41		Sample	1066425	ethanol quant.M
42	0.200 ACQ 407041529/3	Control		ethanol quant.M
43		Sample	1092867	ethanol quant.M
44		Sample	1092867	ethanol quant.M
45		Sample	1073205	ethanol quant.M
46		Sample	1073205	ethanol quant.M
47		Sample	1102912	ethanol quant.M

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Sequence Summary

48		Sample	1102912	ethanol quant.M
49		Sample	1099958	ethanol quant.M
50		Sample	1099958	ethanol quant.M
51		Sample	1098969	ethanol quant.M
52		Sample	1098969	ethanol quant.M
53	0.080 Lipomed 28082014-B	Control		ethanol quant.M
54		Sample	1099211	ethanol quant.M
55		Sample	1099211	ethanol quant.M
56		Sample	1101361	ethanol quant.M
57		Sample	1101361	ethanol quant.M
58		Sample	1103603	ethanol quant.M
59		Sample	1103603	ethanol quant.M
60		Sample	1104517	ethanol quant.M
61		Sample	1104517	ethanol quant.M
62		Sample	1104527	ethanol quant.M
63		Sample	1104527	ethanol quant.M
64	0.150 Lipomed 09022015-C	Control		ethanol quant.M
65		Sample	1098387	ethanol quant.M
66		Sample	1098387	ethanol quant.M
67		Sample	1051668	ethanol quant.M
68		Sample	1051668	ethanol quant.M
69		Sample	1073693	ethanol quant.M
70		Sample	1073693	ethanol quant.M
71		Sample	1075165	ethanol quant.M
72		Sample	1075165	ethanol quant.M
73		Sample	1084792	ethanol quant.M
74		Sample	1084792	ethanol quant.M
75	0.200 ACQ 407041529/3	Control		ethanol quant.M
76		Sample	1117838	ethanol quant.M
77		Sample	1117838	ethanol quant.M
78		Sample	1079168	ethanol quant.M
79		Sample	1079168	ethanol quant.M
80		Sample	1115227	ethanol quant.M
81		Sample	1115227	ethanol quant.M
82		Sample	1079653	ethanol quant.M
83		Sample	1079653	ethanol quant.M
84		Sample	1085852	ethanol quant.M
85		Sample	1085852	ethanol quant.M
86	0.080 Lipomed 28082014-B	Control		ethanol quant.M
87		Sample	1118779	ethanol quant.M
88		Sample	1118779	ethanol quant.M
89		Sample	1103319	ethanol quant.M
90		Sample	1103319	ethanol quant.M
91		Sample	1087030	ethanol quant.M
92		Sample	1087030	ethanol quant.M
93		Sample	1091214	ethanol quant.M
94		Sample	1091214	ethanol quant.M
95		Sample	1097961	ethanol quant.M
96		Sample	1097961	ethanol quant.M
97	0.40 Lipomed 08012015-C	Control		ethanol quant.M
98	0.04 Lipomed 09022015-A	Control		ethanol quant.M

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Sequence Summary

99	0.200 ACQ 407041529/3	Control	ethanol quant.M
100	blank 012517	Control	ethanol quant.M

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Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1086307
Injection date: 3/22/2017 1:01:56 PM	Vial: 10
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\10.D	

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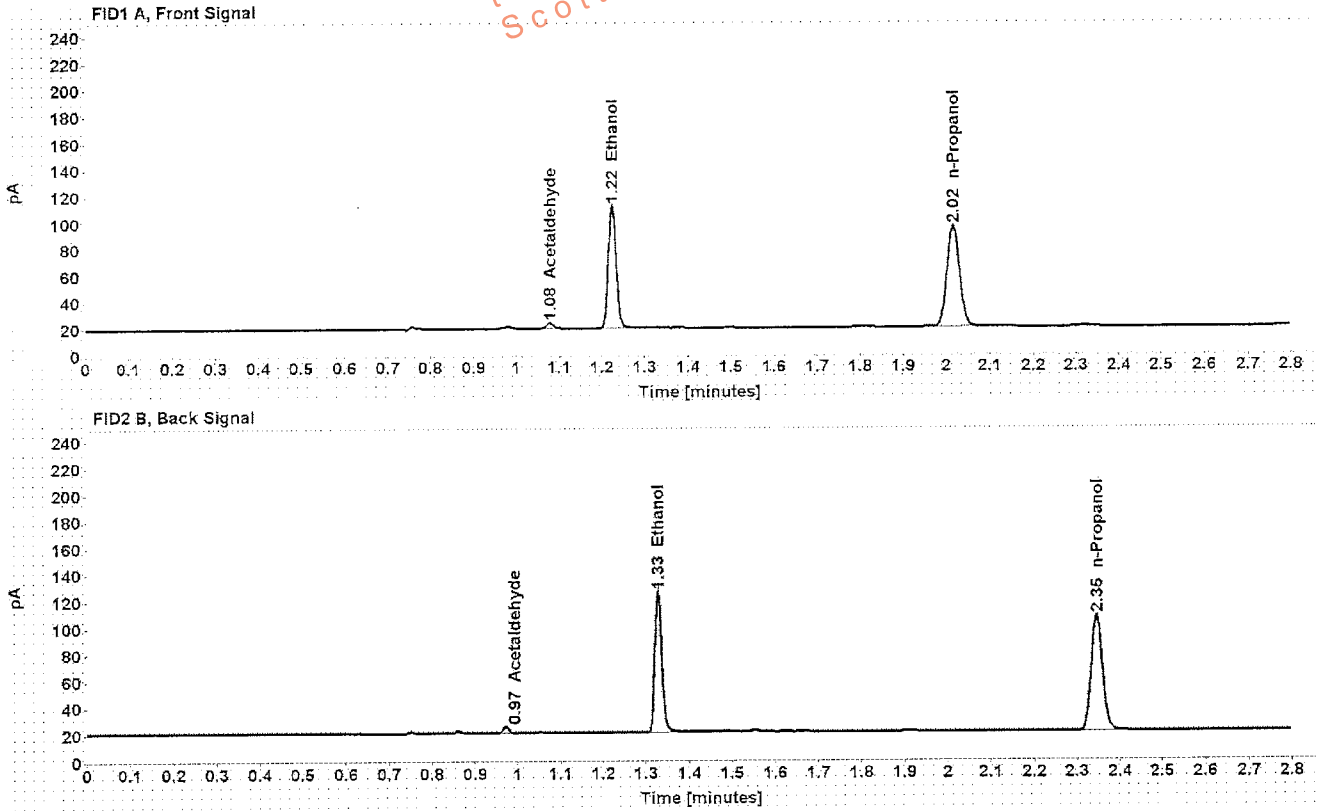


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.350
>Ethanol	0.2015	1.225	118.412
n-Propanol	-----	2.015	155.524

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.682
Ethanol	1.328	122.371
n-Propanol	2.346	161.097

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1086307
Injection date: 3/22/2017 1:05:56 PM	Vial: 11
Method: ethanol quant M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\11.D	

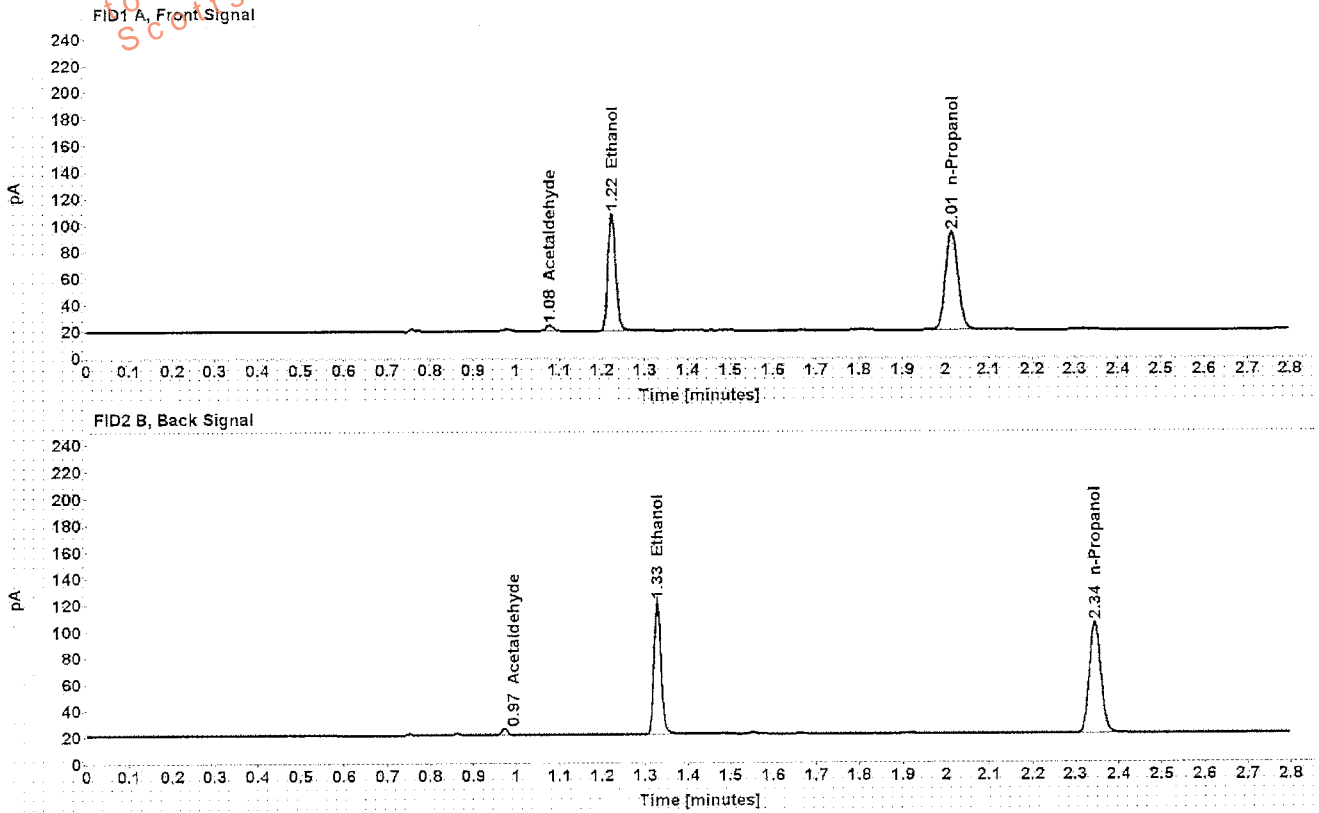


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.441
>Ethanol	0.1985	1.224	113.314
n-Propanol	-----	2.014	151.131

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.788
Ethanol	1.327	117.134
n-Propanol	2.345	156.471

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1076598
Injection date:	3/22/2017 1:09:56 PM	Vial:	12
Method:	ethanol quant.M	Sequence:	22Mar17
Instrument:	US14173023 CN14160045	Analyst:	Kosecki
Data file:	C:\Chem3211\Data\22Mar17\12.D		

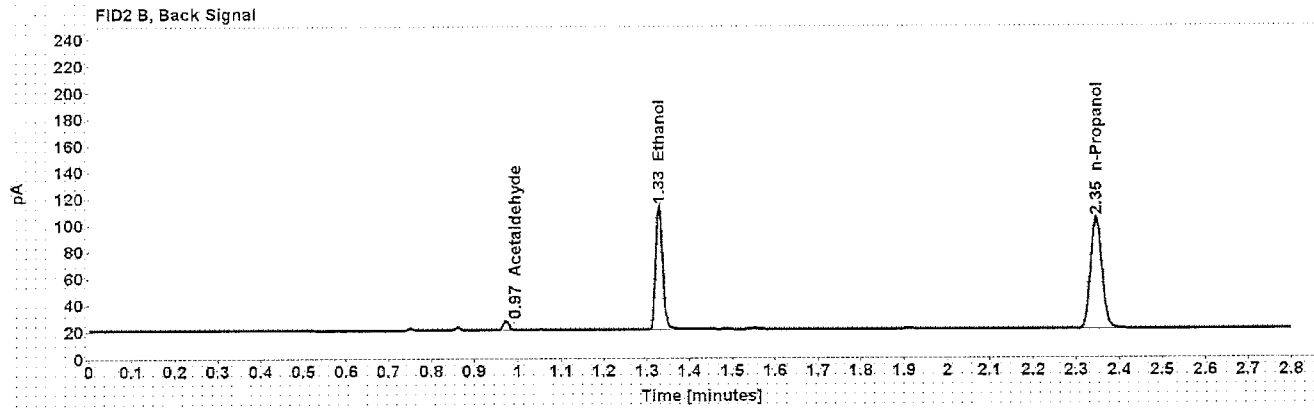
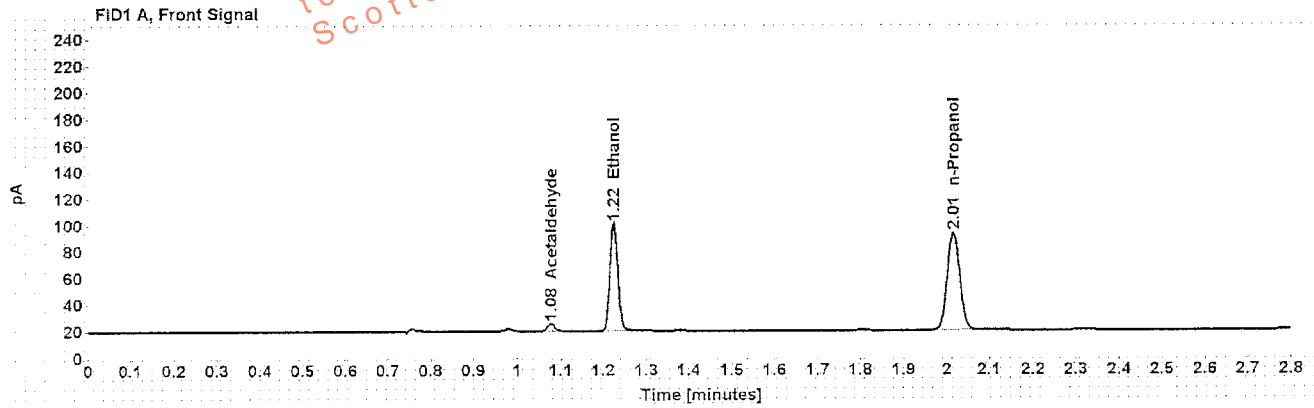


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	6.168
>Ethanol	0.1836	1.225	104.070
n-Propanol	-----	2.015	150.291

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	6.578
Ethanol	1.328	107.556
n-Propanol	2.346	155.691

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1076598
Injection date: 3/22/2017 1:14:11 PM	Vial: 13
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\13.D	

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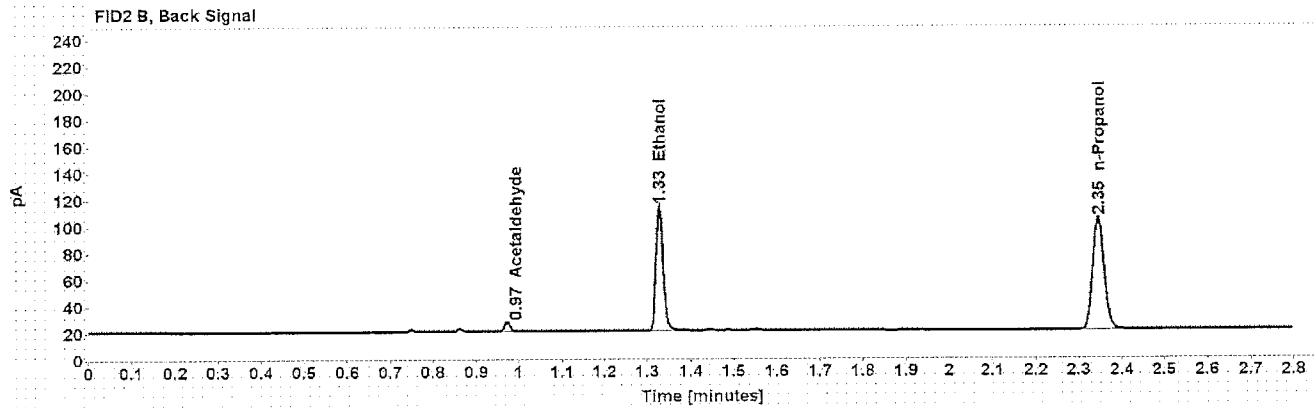
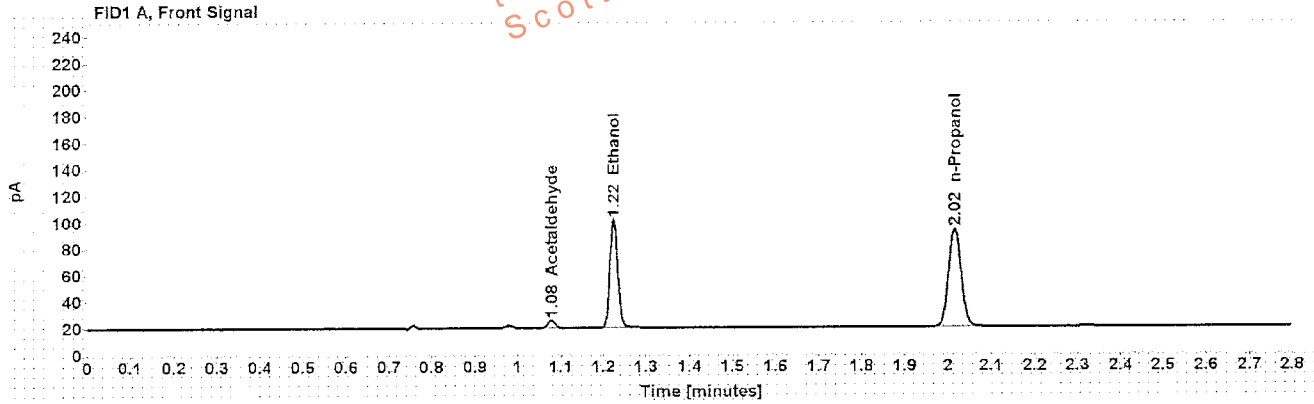


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	6.173
>Ethanol	0.1840	1.225	104.737
n-Propanol	-----	2.015	150.889

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	6.587
Ethanol	1.328	108.368
n-Propanol	2.346	156.256

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1097484
Injection date: 3/22/2017 1:18:11 PM	Vial: 14
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\14.D	

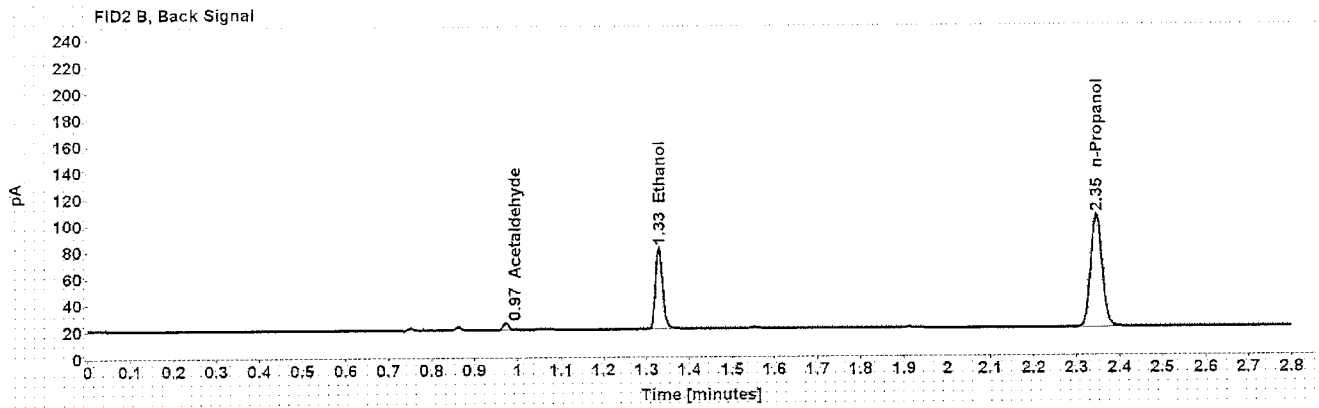
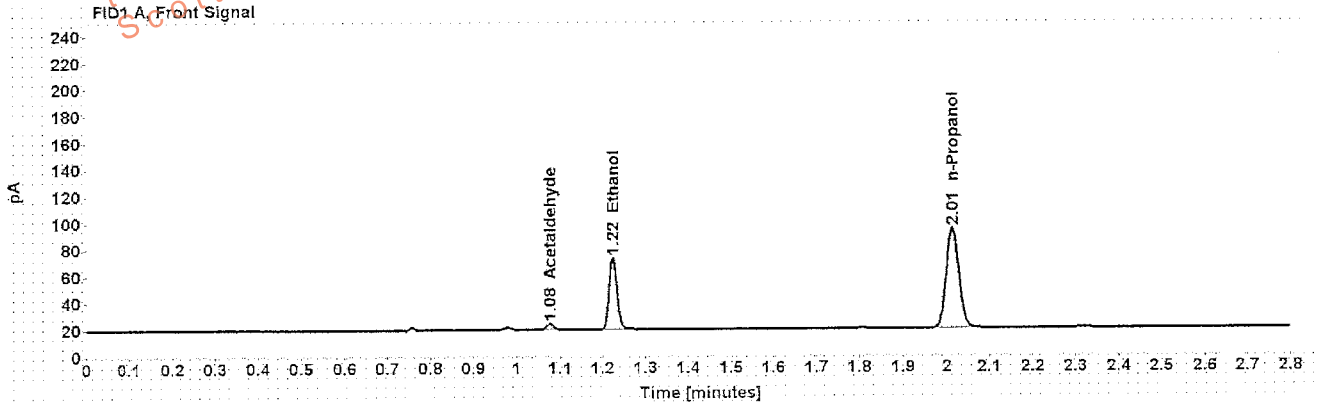


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.592
>Ethanol	0.1214	1.225	69.101
n-Propanol	-----	2.015	152.274

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.925
Ethanol	1.328	71.219
n-Propanol	2.346	157.755

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1097484
Injection date: 3/22/2017 1:22:10 PM	Vial: 15
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023-CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\15.D	

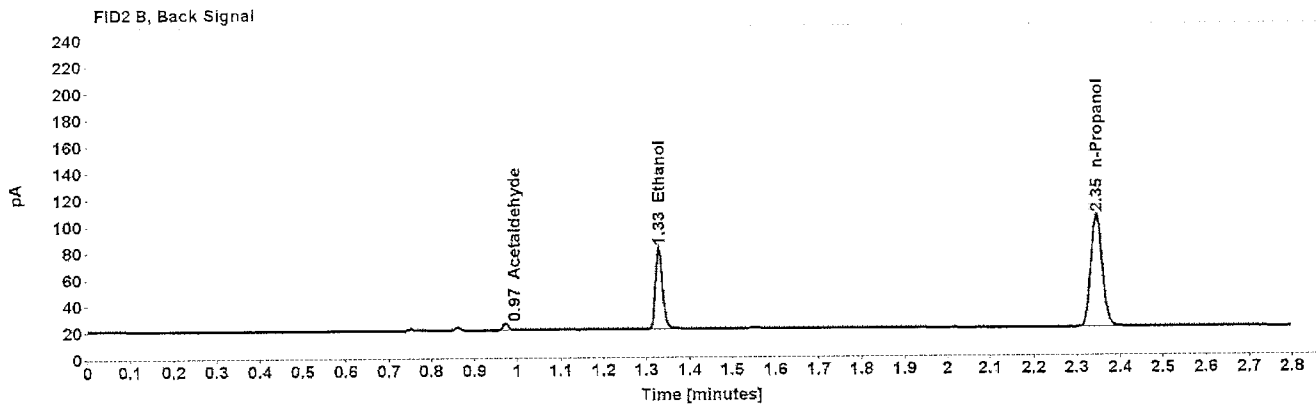
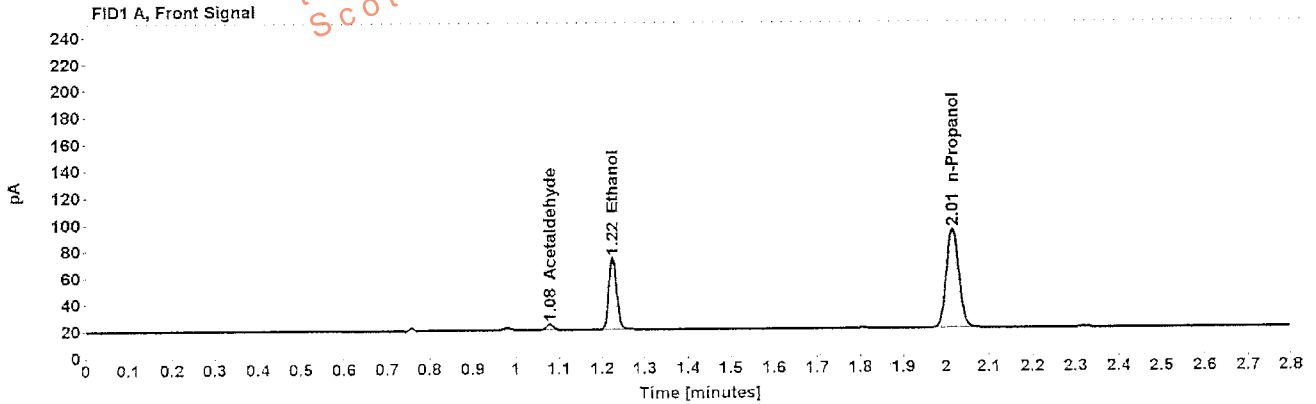


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.616
>Ethanol	0.1219	1.225	69.209
n-Propanol	-----	2.015	151.830

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.888
Ethanol	1.328	71.398
n-Propanol	2.346	157.246

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1064439
Injection date: 3/22/2017 1:26:11 PM	Vial: 16
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\16.D	

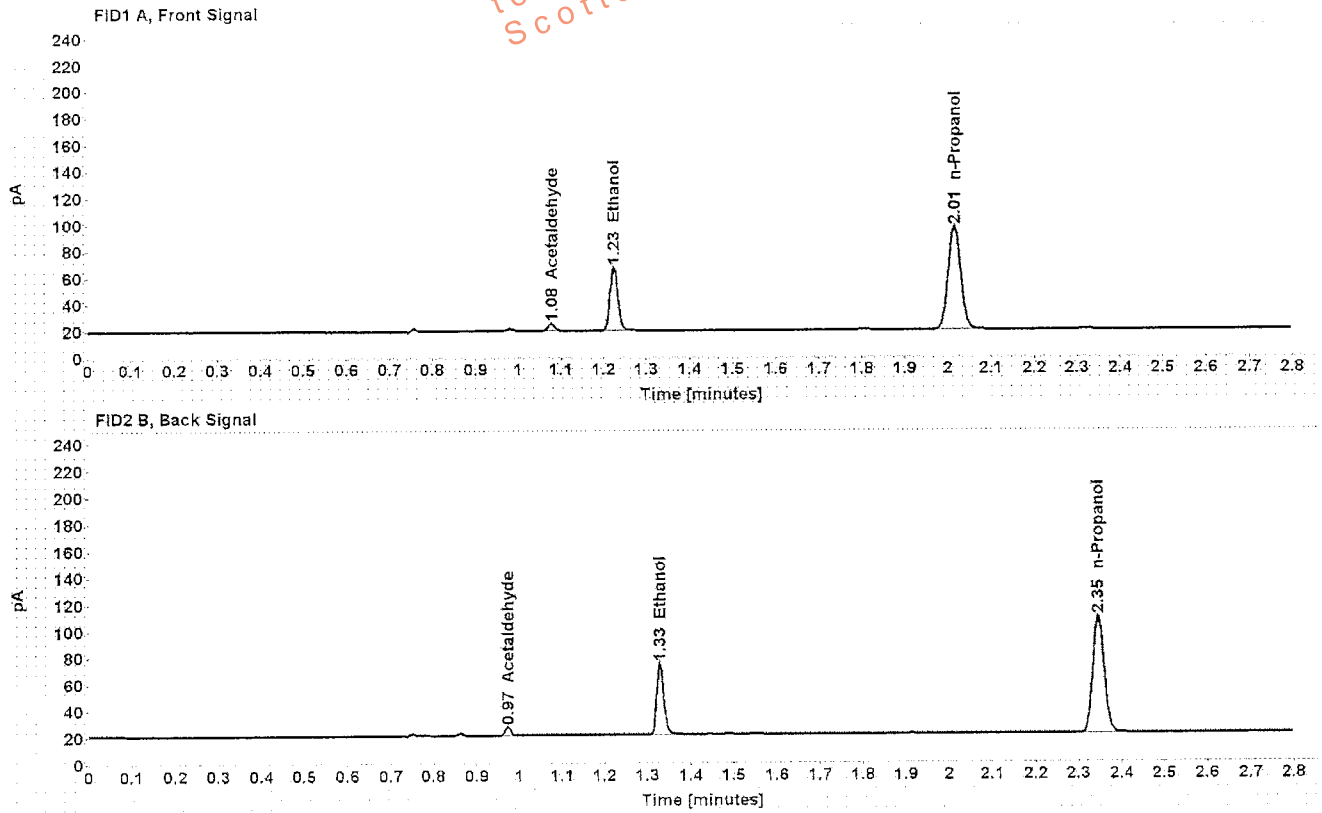


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.656
>Ethanol	0.1039	1.225	61.002
n-Propanol	-----	2.015	157.829

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	6.006
Ethanol	1.328	62.760
n-Propanol	2.346	163.466

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1064439
Injection date: 3/22/2017 3:30:11 PM	Vial: 17
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\17.D	

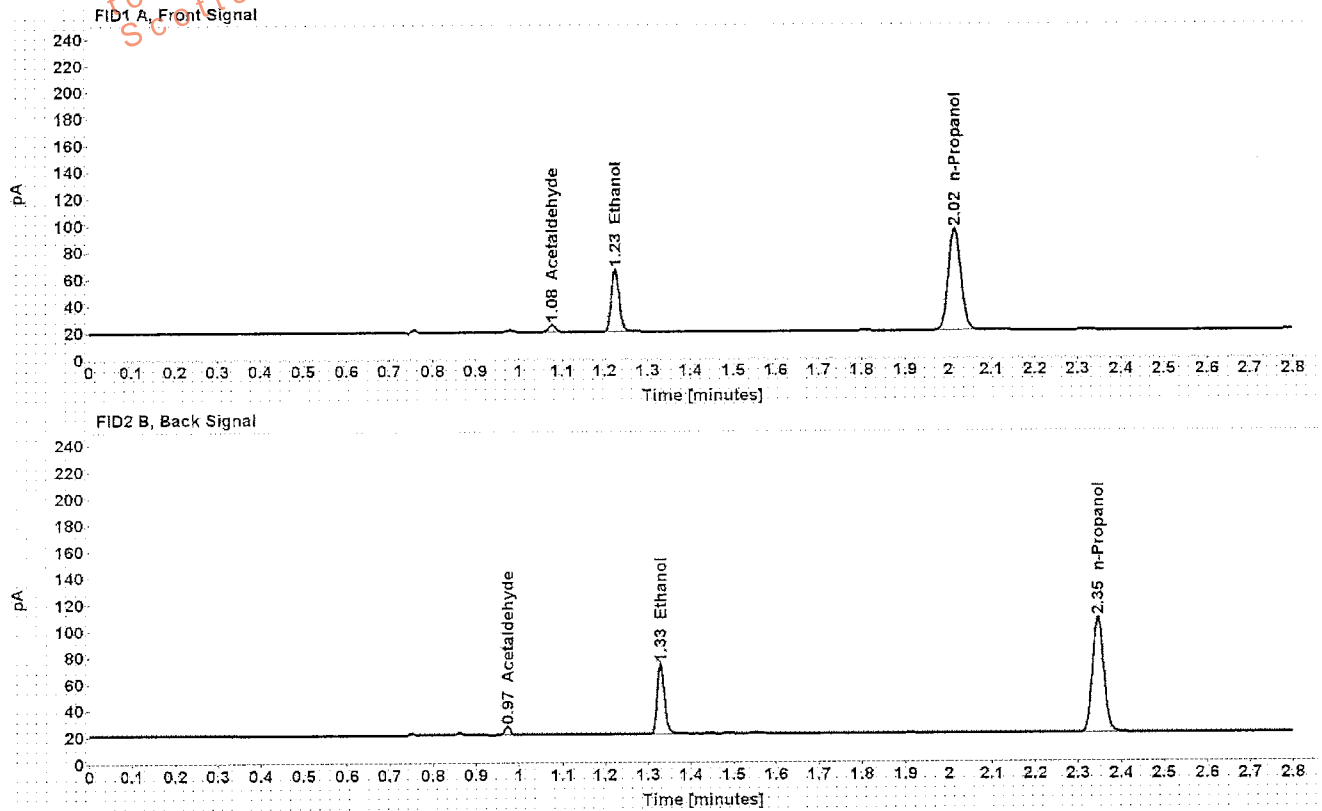


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.502
>Ethanol	0.1030	1.225	59.721
n-Propanol	-----	2.015	155.822

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.885
Ethanol	1.329	61.595
n-Propanol	2.346	161.208

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1075423
Injection date: 3/22/2017 1:34:11 PM	Vial: 18
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3214\Data\22Mar17\18.D	

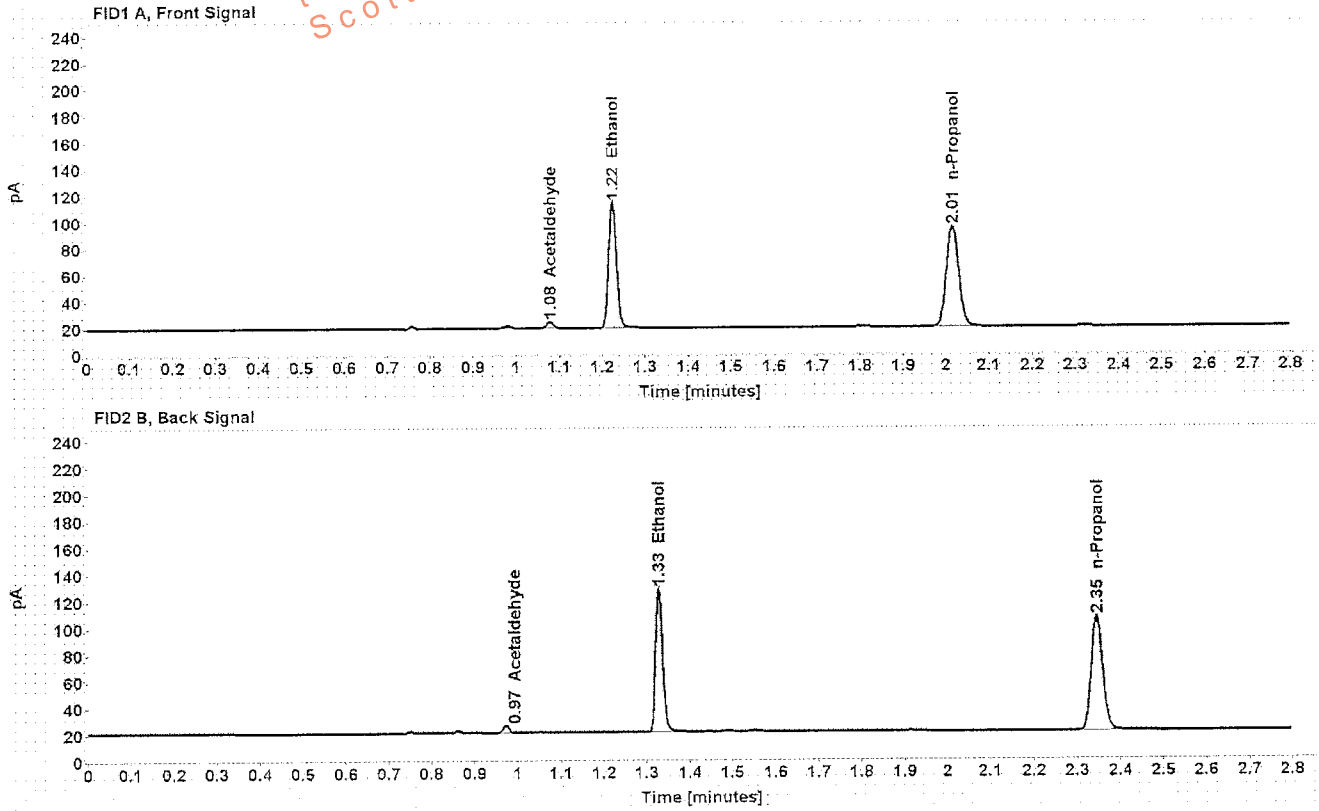


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.006
>Ethanol	0.2077	1.225	121.066
n-Propanol	-----	2.015	154.181

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.412
Ethanol	1.328	125.951
n-Propanol	2.346	159.544

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1075423
Injection date: 3/22/2017 1:38:26 PM	Vial: 19
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\19.D	

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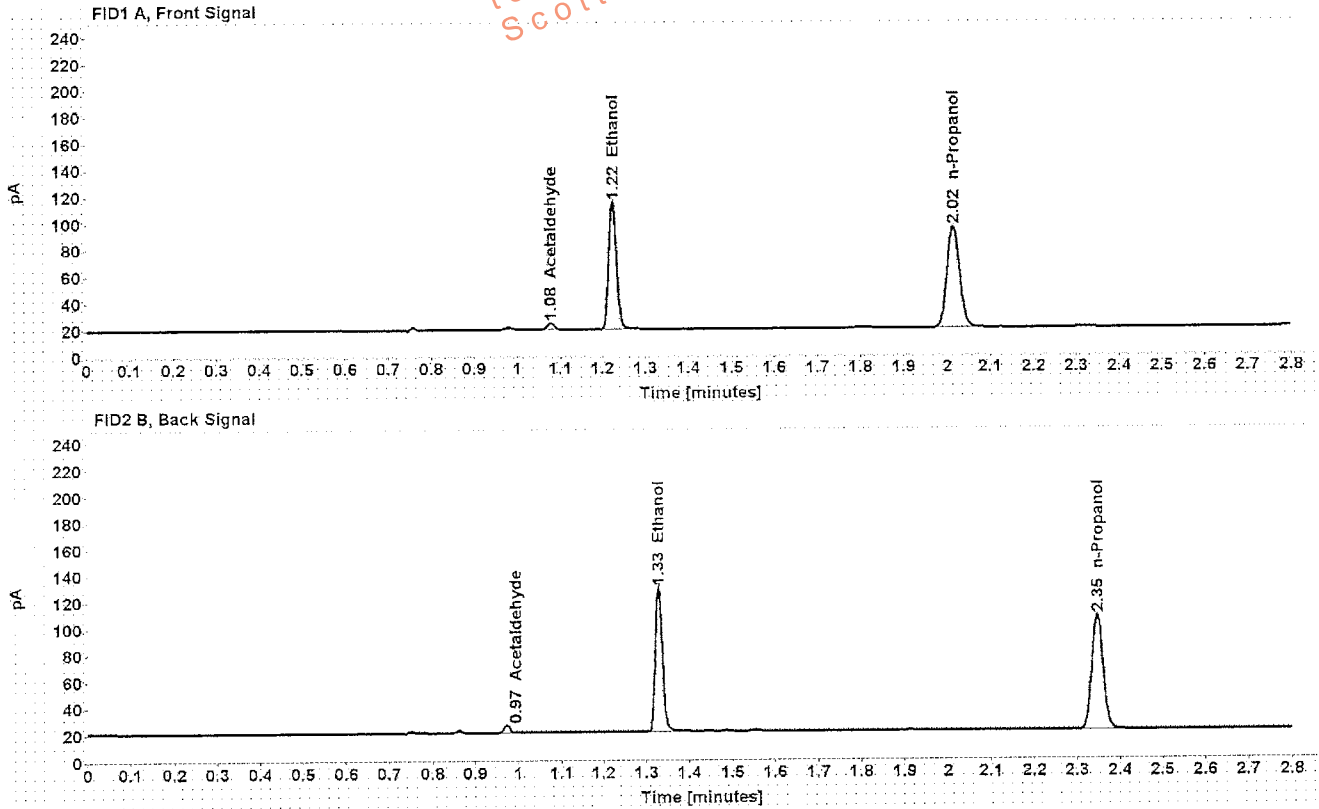


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.041
>Ethanol	0.2092	1.225	122.415
n-Propanol	-----	2.015	154.775

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.432
Ethanol	1.328	127.651
n-Propanol	2.346	160.398

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1071753
Injection date: 3/22/2017 1:46:26 PM	Vial: 21
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\21.D	

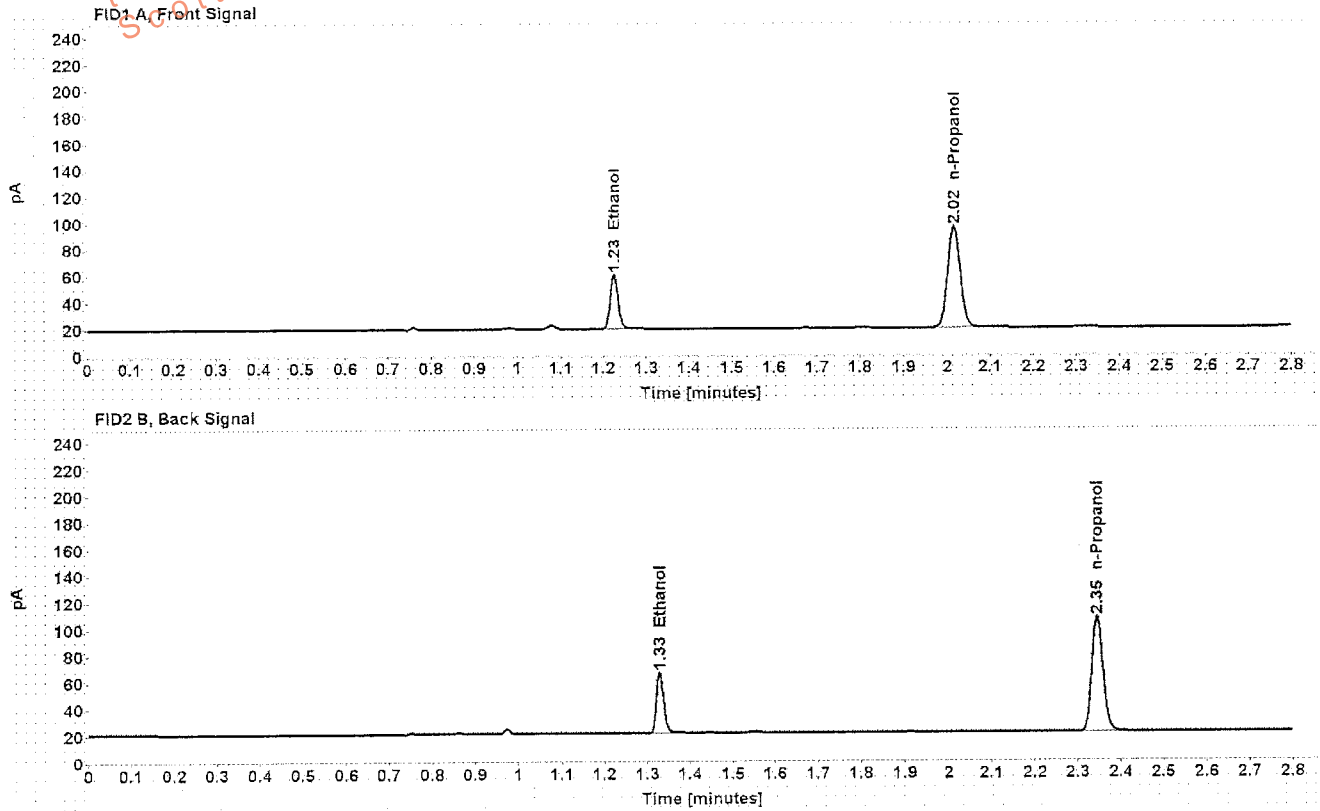


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0908	1.225	52.093
n-Propanol	-----	2.015	154.860

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

Compound	Time (min)	Peak Area
Ethanol	1.329	53.607
n-Propanol	2.346	160.322

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1071753
Injection date: 3/22/2017 1:50:26 PM	Vial: 22
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem321\1Data\22Mar17\22.D	

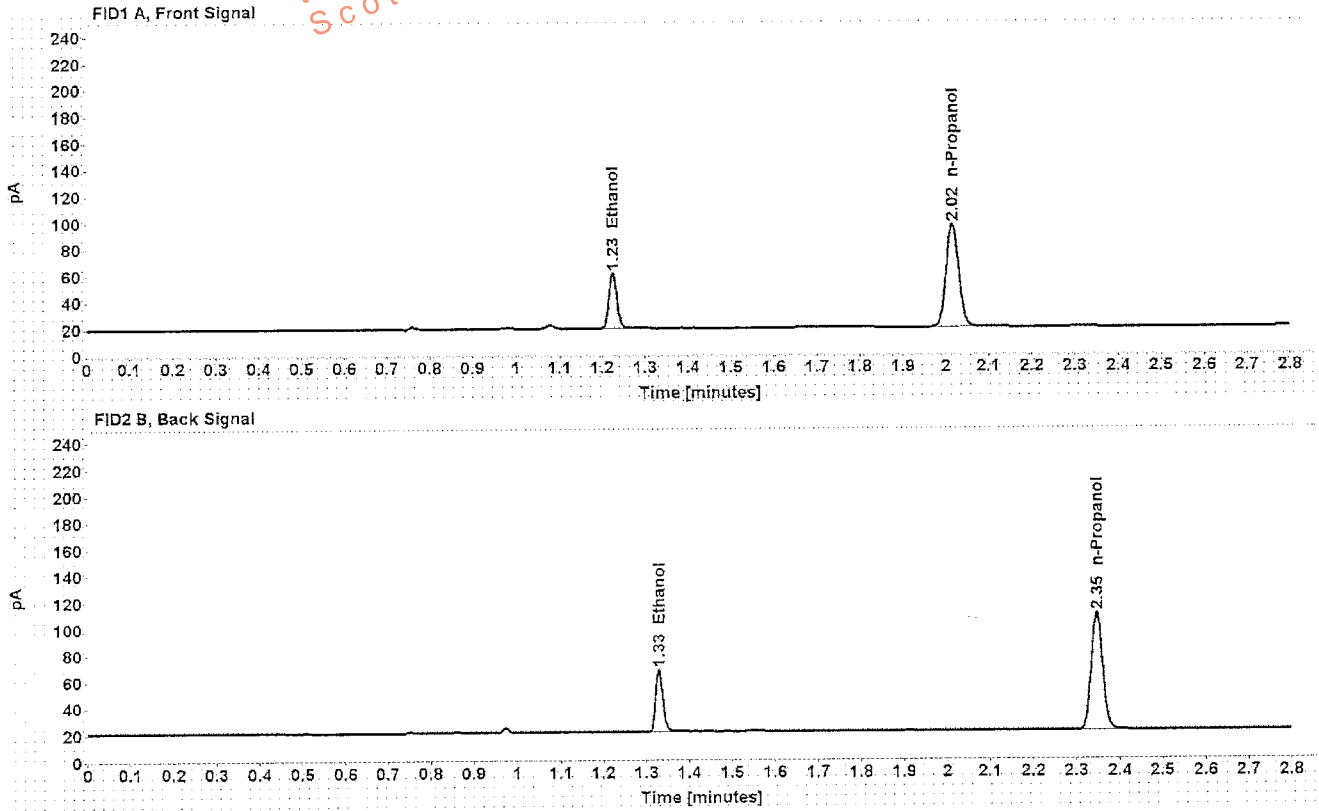


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0910	1.225	53.441
n-Propanol	-----	2.015	158.532

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

Compound	Time (min)	Peak Area
Ethanol	1.329	55.028
n-Propanol	2.346	164.088

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1058350
Injection date: 3/22/2017 1:54:26 PM	Vial: 23
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\11\Data\22Mar17\23.D	

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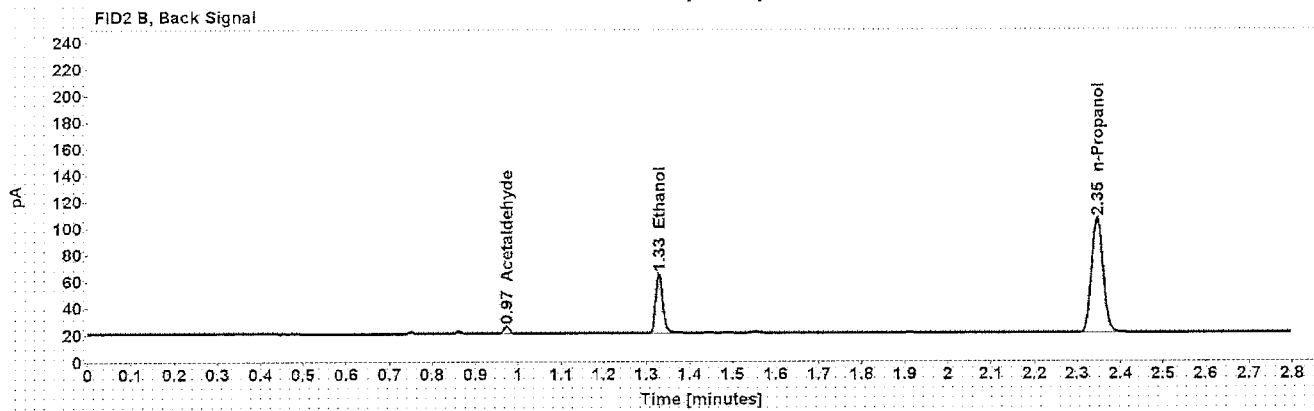
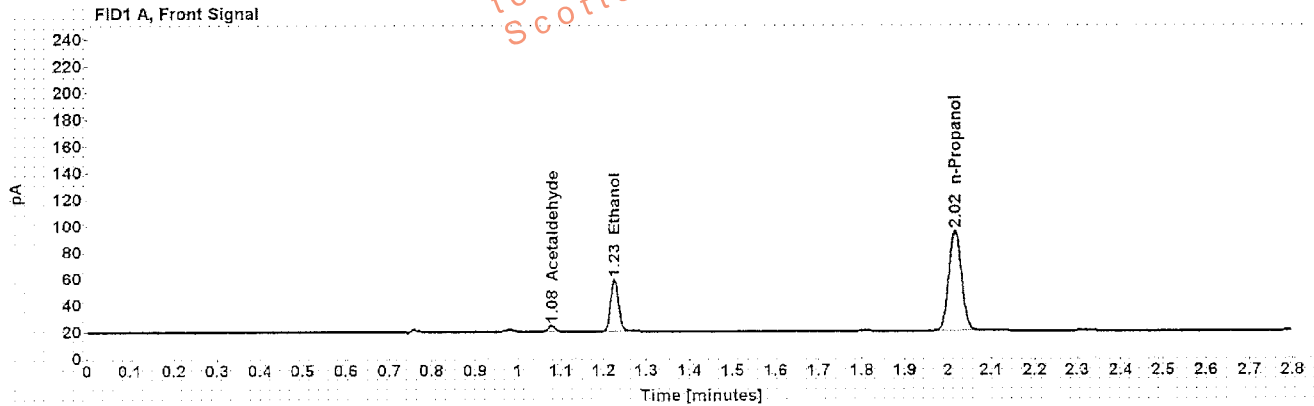


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.654
>Ethanol	0.0878	1.225	50.313
n-Propanol	-----	2.015	154.818

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.941
Ethanol	1.329	51.874
n-Propanol	2.346	160.094

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1058350
Injection date: 3/22/2017 1:58:26 PM	Vial: 24
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160046	Analyst: Kosecki
Data file: C:\Chem32\11\Data\22Mar17\24.D	

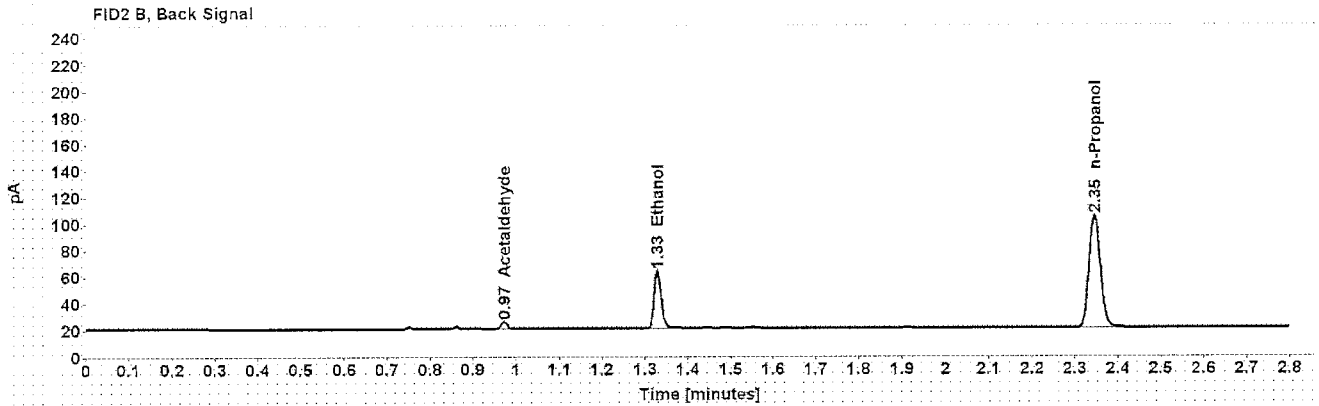
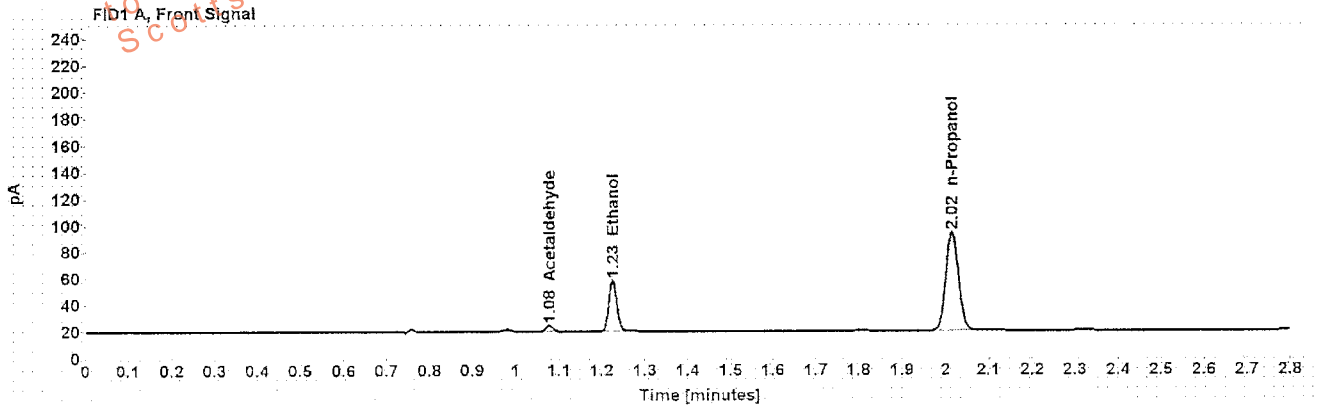


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.663
>Ethanol	0.0875	1.225	49.158
n-Propanol	-----	2.015	151.890

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.978
Ethanol	1.329	50.674
n-Propanol	2.346	157.249

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1054209
Injection date: 3/22/2017 2:02:41 PM	Vial: 25
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023-CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\25.D	

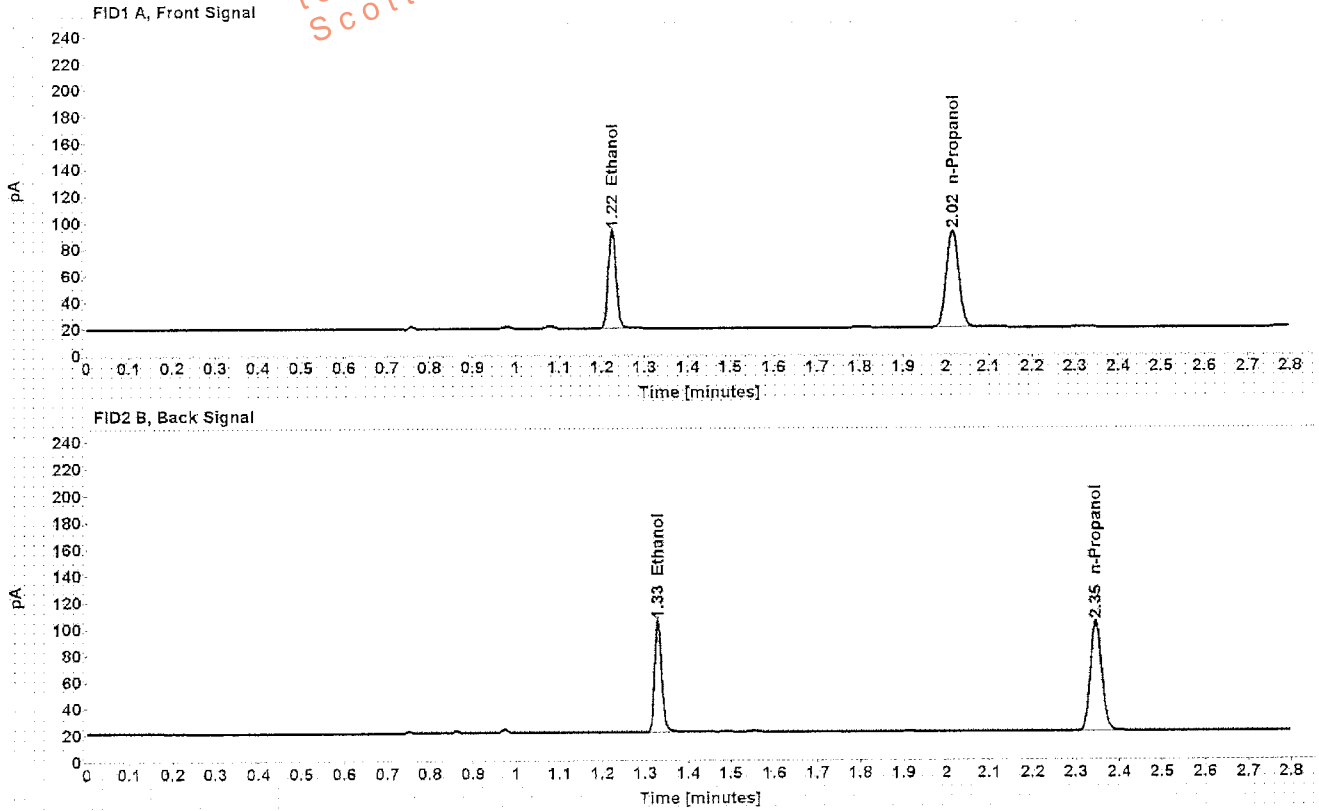


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1690	1.225	94.801
n-Propanol	-----	2.015	148.906

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

Compound	Time (min)	Peak Area
Ethanol	1.328	99.142
n-Propanol	2.346	154.238

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1054209
Injection date: 3/22/2017 2:06:41 PM	Vial: 26
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\26.D	

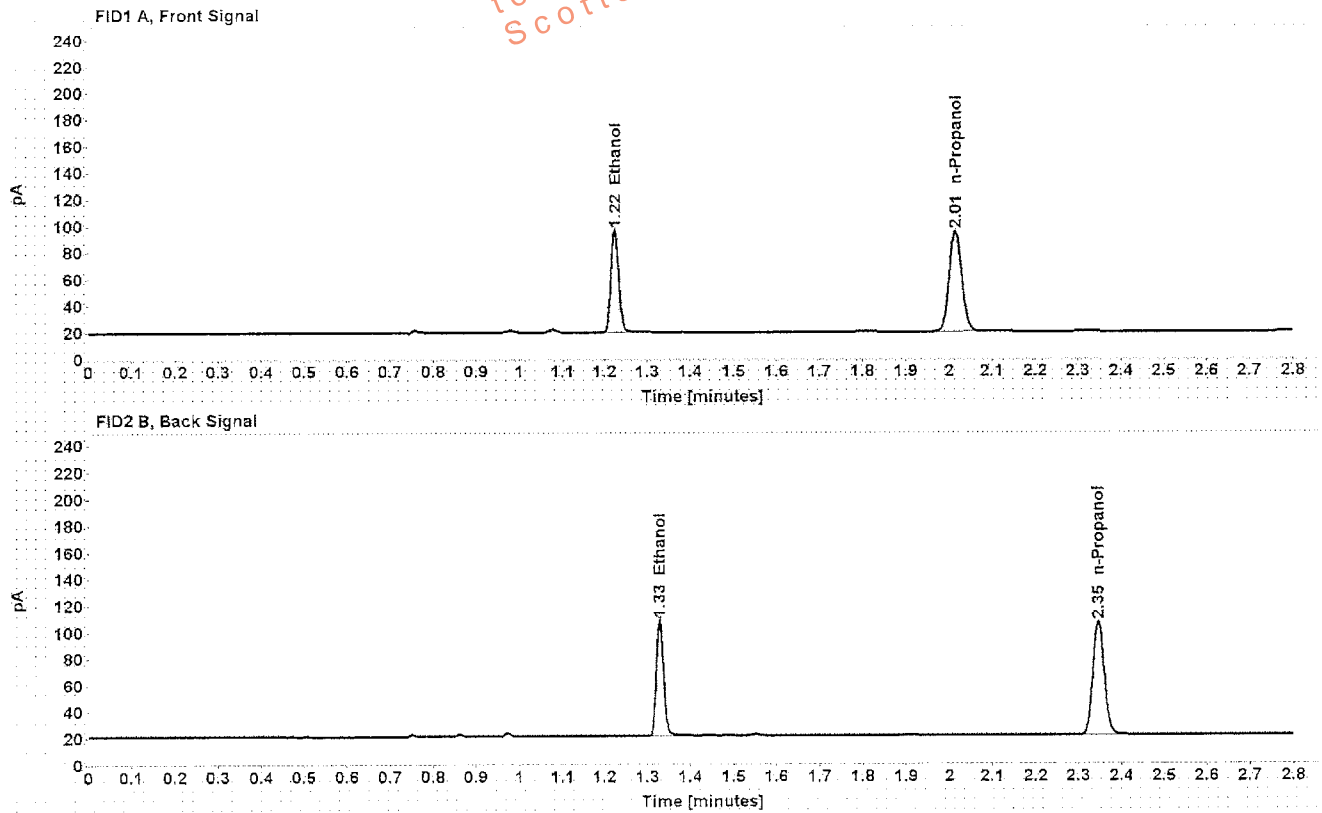


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1700	1.225	98.646
n-Propanol	-----	2.015	154.025

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

Compound	Time (min)	Peak Area
Ethanol	1.328	102.160
n-Propanol	2.346	159.791

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1054482
Injection date: 3/22/2017 2:10:41 PM	Vial: 27
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\27.D	

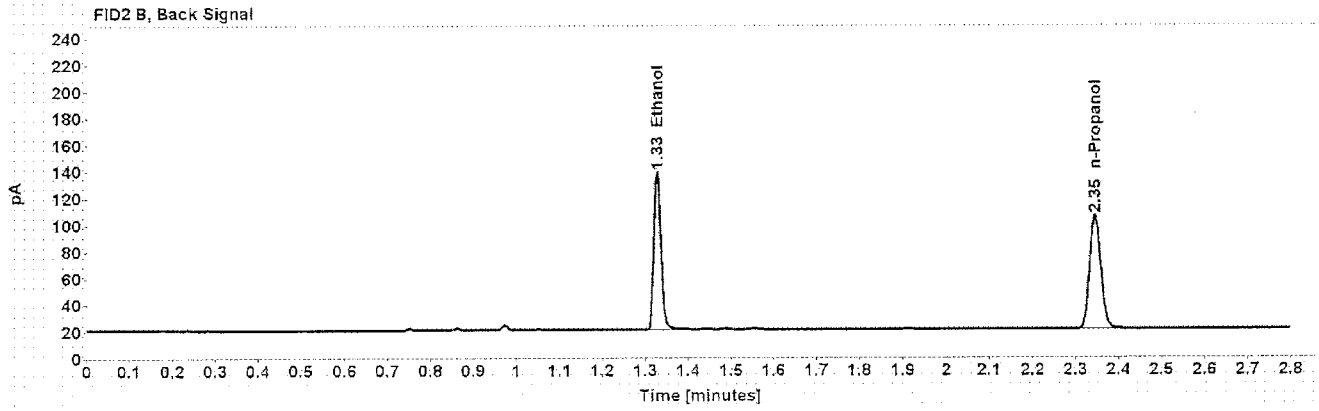
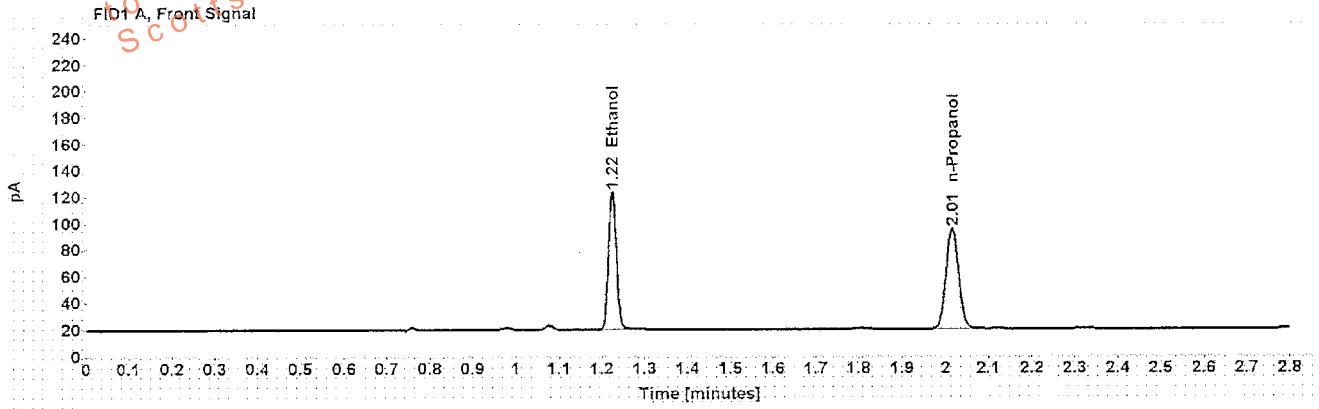


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2287	1.224	132.889
n-Propanol	-----	2.015	153.479

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

Compound	Time (min)	Peak Area
Ethanol	1.328	138.366
n-Propanol	2.346	158.990

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1054482
Injection date: 3/22/2017 2:14:41 PM	Vial: 28
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem321\Data\22Mar17\28.D	

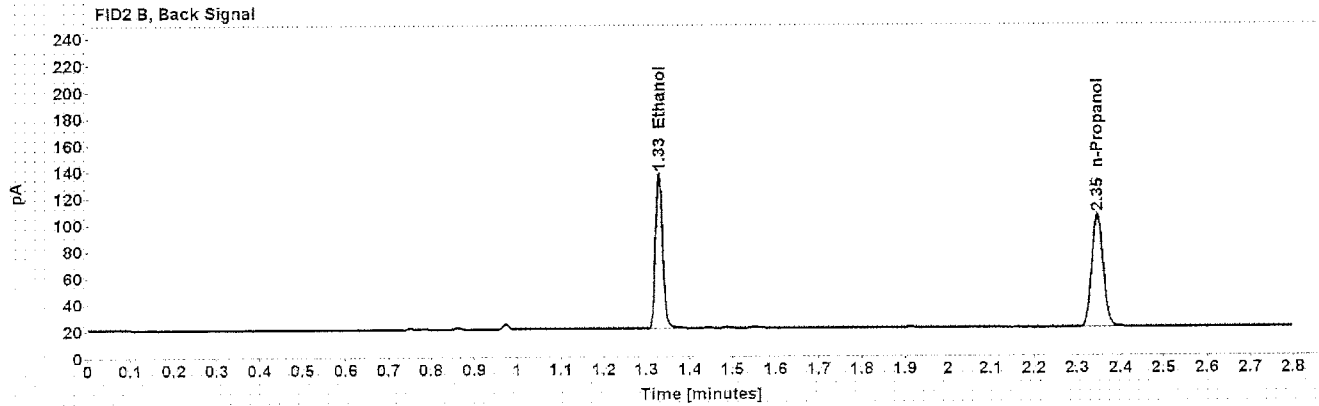
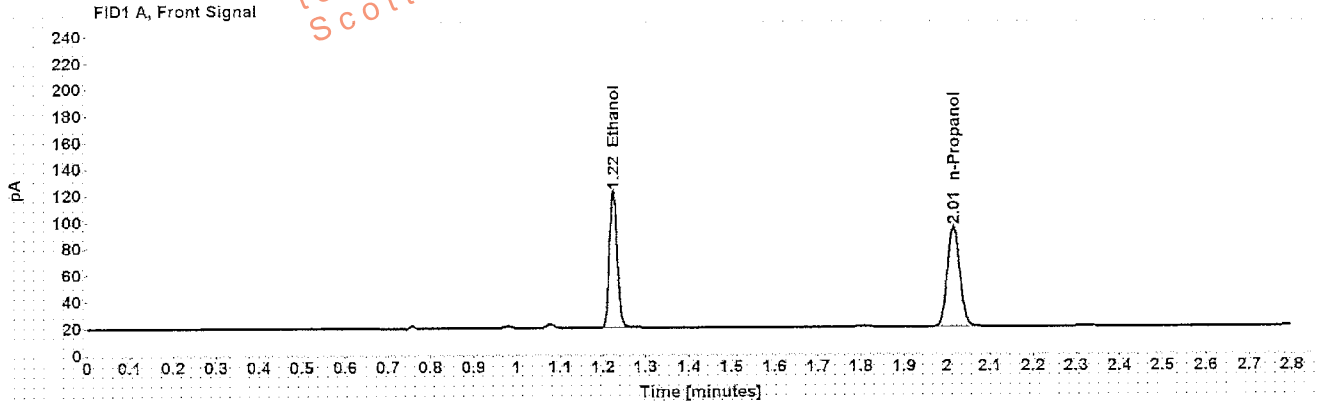


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2274	1.224	131.668
n-Propanol	-----	2.015	152.989

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

Compound	Time (min)	Peak Area
Ethanol	1.328	136.929
n-Propanol	2.346	158.671

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4054801
Injection date: 3/22/2017 2:18:40 PM	Vial: 29
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\29.D	

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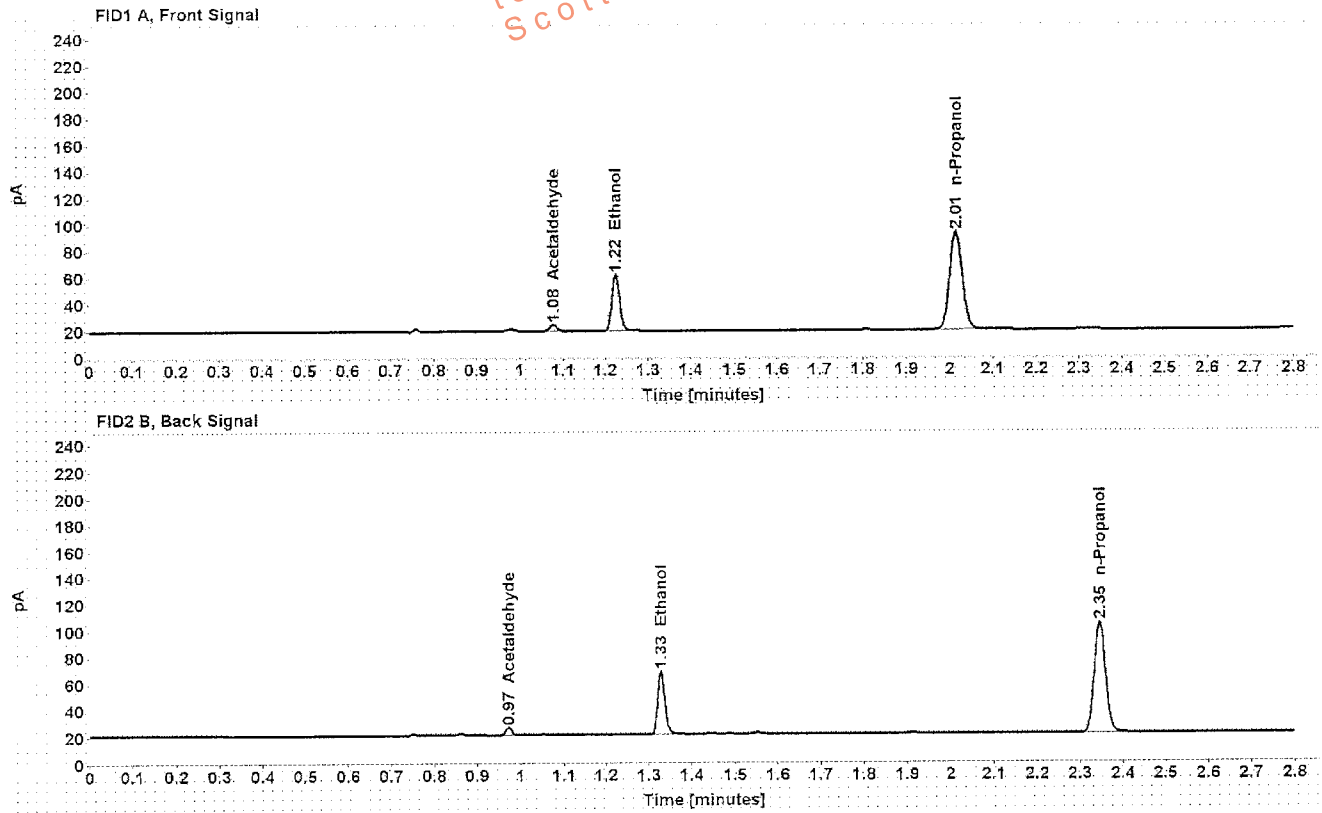


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.143
>Ethanol	0.0969	1.225	54.141
n-Propanol	-----	2.014	150.423

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.502
Ethanol	1.328	55.935
n-Propanol	2.345	155.496

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1054801
Injection date: 3/22/2017 2:22:43 PM	Vial: 30
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\30.D	

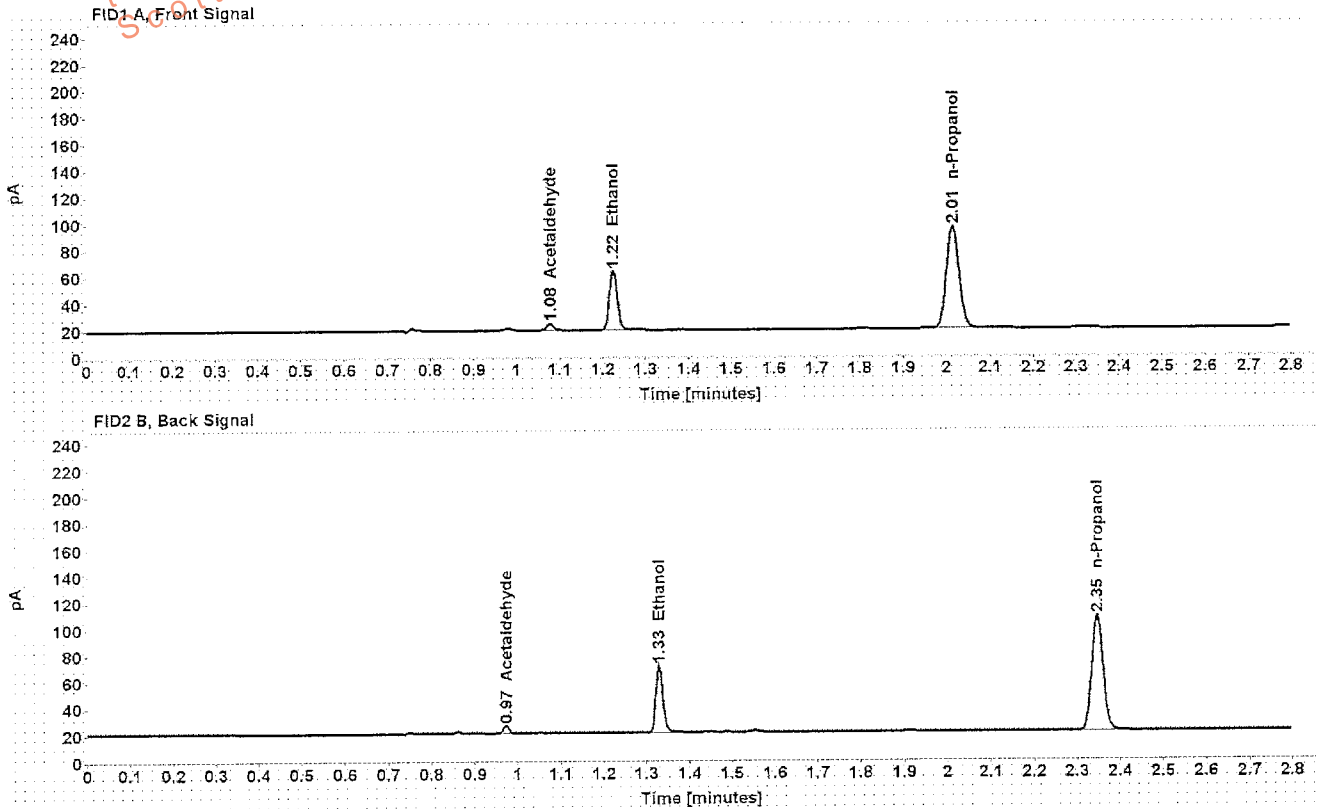


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.225
>Ethanol	0.0979	1.225	56.870
n-Propanol	-----	2.015	156.337

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.564
Ethanol	1.328	58.639
n-Propanol	2.346	161.788

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1083977
Injection date: 3/22/2017 2:30:55 PM	Vial: 32
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\32.D	

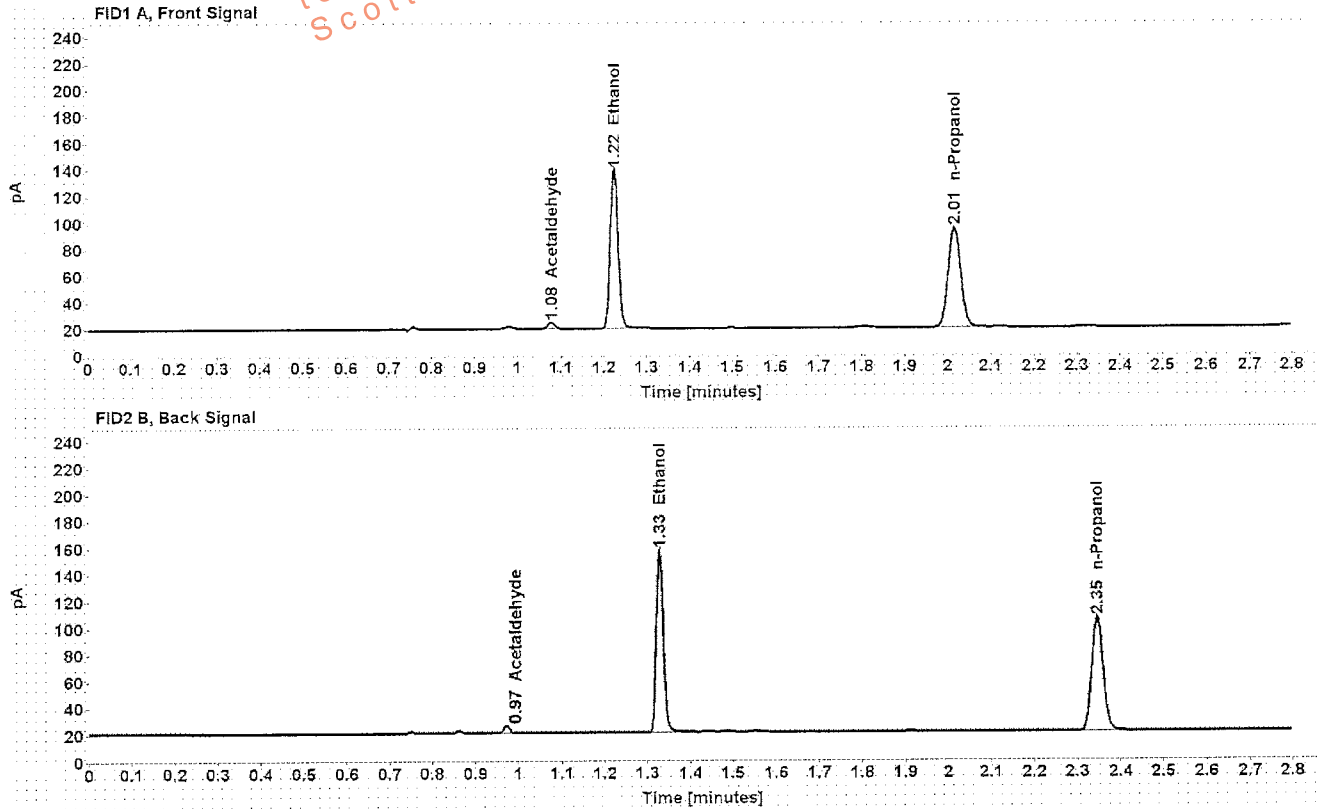


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.988
>Ethanol	0.2640	1.224	153.748
n-Propanol	-----	2.015	153.558

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.315
Ethanol	1.328	159.090
n-Propanol	2.346	159.231

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4083977
Injection date: 3/22/2017 2:34:56 PM	Vial: 33
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\33.D	

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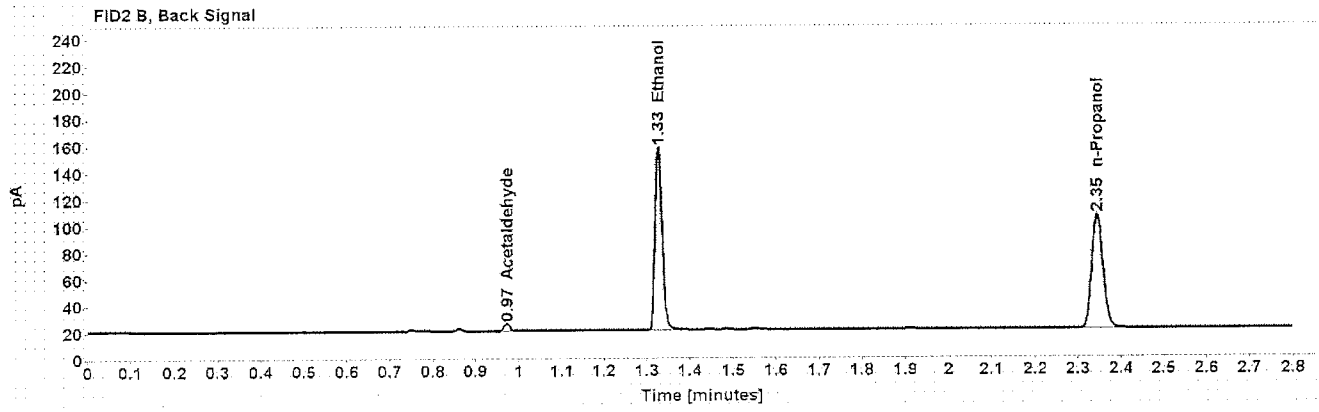
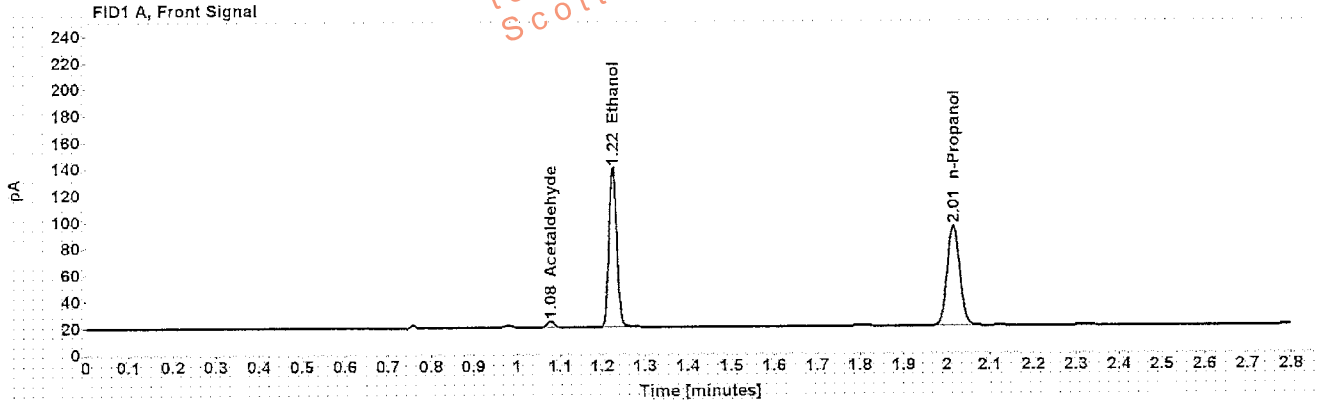


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.907
>Ethanol	0.2629	1.224	154.024
n-Propanol	-----	2.015	154.495

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.205
Ethanol	1.328	160.364
n-Propanol	2.346	159.155

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1089122
Injection date: 3/22/2017 2:38:56 PM	Vial: 34
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\34.D	

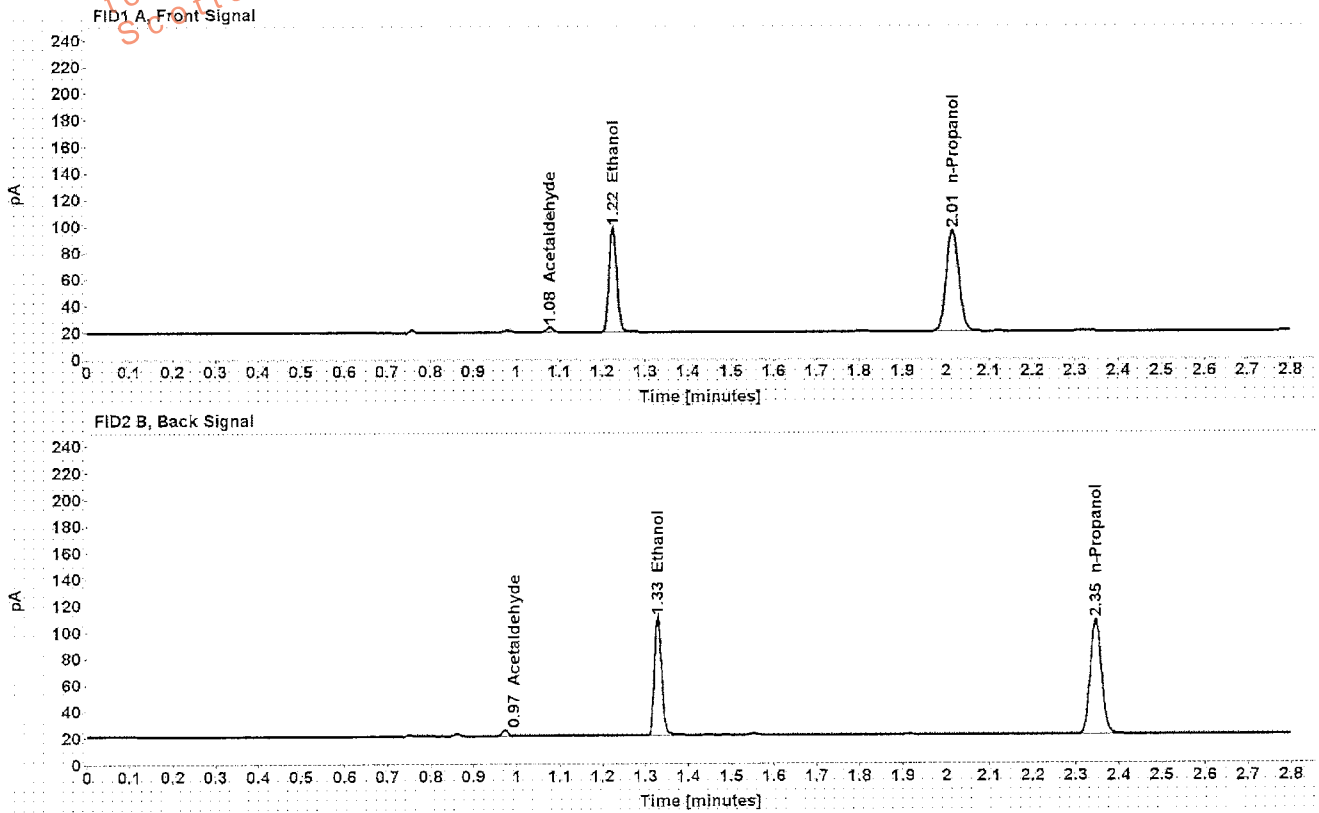


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.022
>Ethanol	0.1721	1.225	100.942
n-Propanol	-----	2.015	155.690

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.308
Ethanol	1.328	105.232
n-Propanol	2.346	161.333

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1089122
Injection date: 3/22/2017 2:42:56 PM	Vial: 35
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem321\Data\22Mar17\35.D	

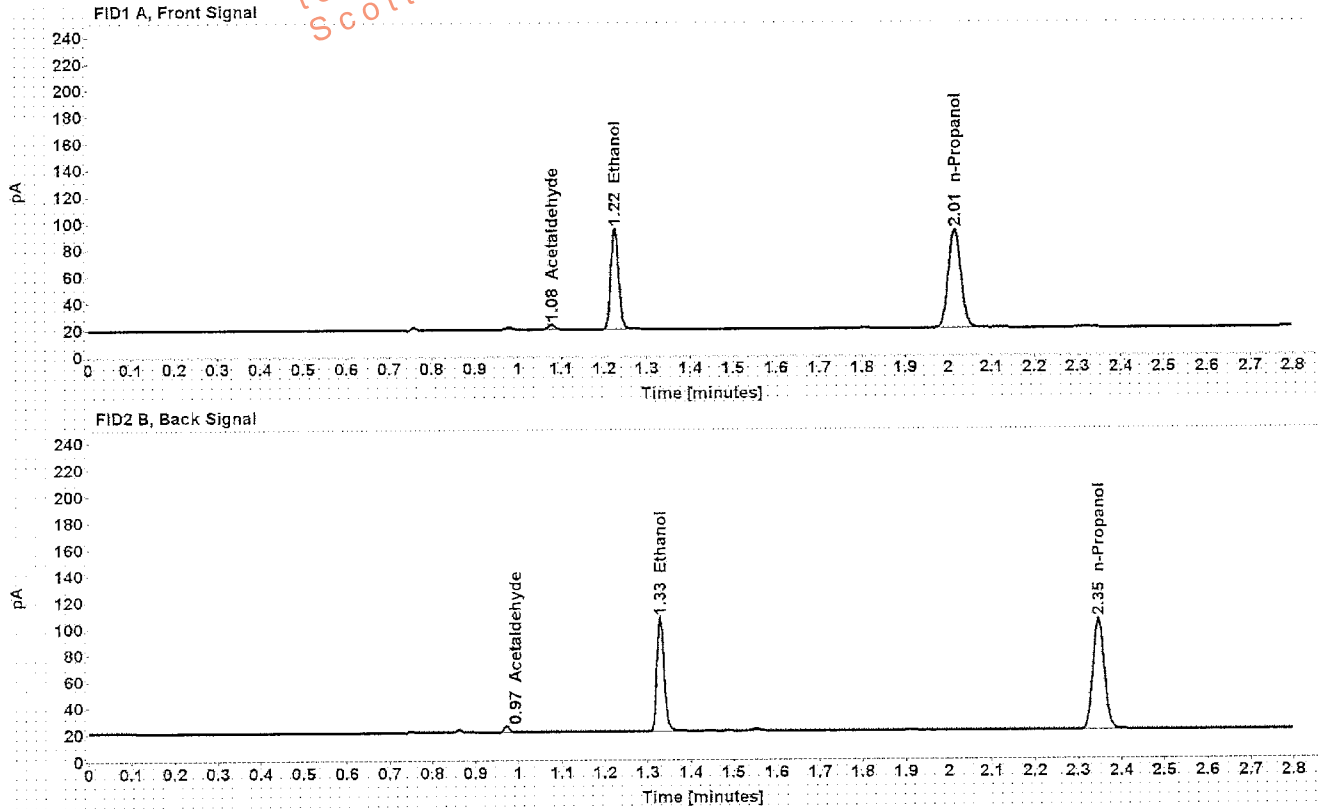


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.995
>Ethanol	0.1708	1.225	97.285
n-Propanol	-----	2.015	151.145

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.262
Ethanol	1.328	100.597
n-Propanol	2.346	156.838

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4060761
Injection date: 3/22/2017 2:46:55 PM	Vial: 36
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\36.D	

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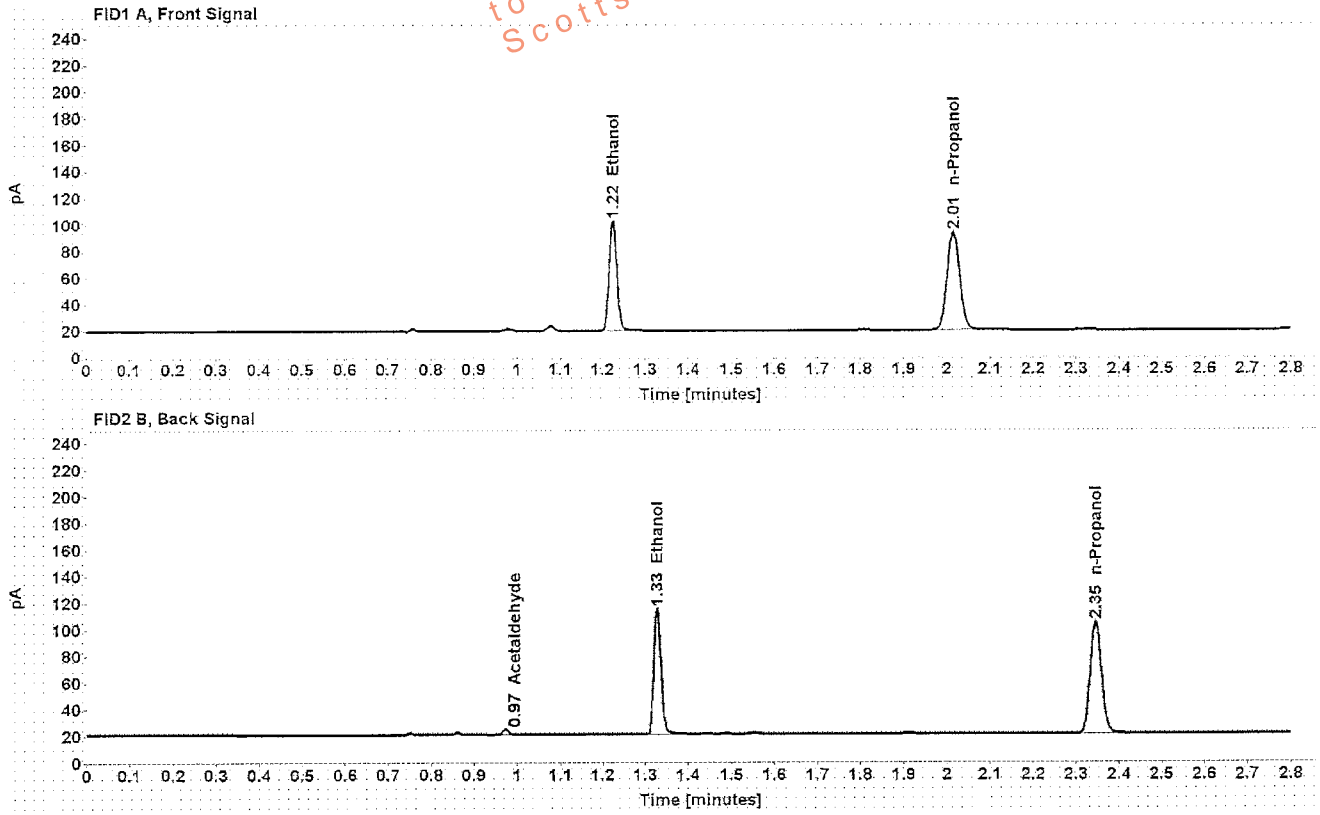


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1872	1.224	106.449
n-Propanol	---	2.015	150.704

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.862
Ethanol	1.328	110.090
n-Propanol	2.345	155.953

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1060761
Injection date: 3/22/2017 2:51:11 PM	Vial: 37
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\37.D	

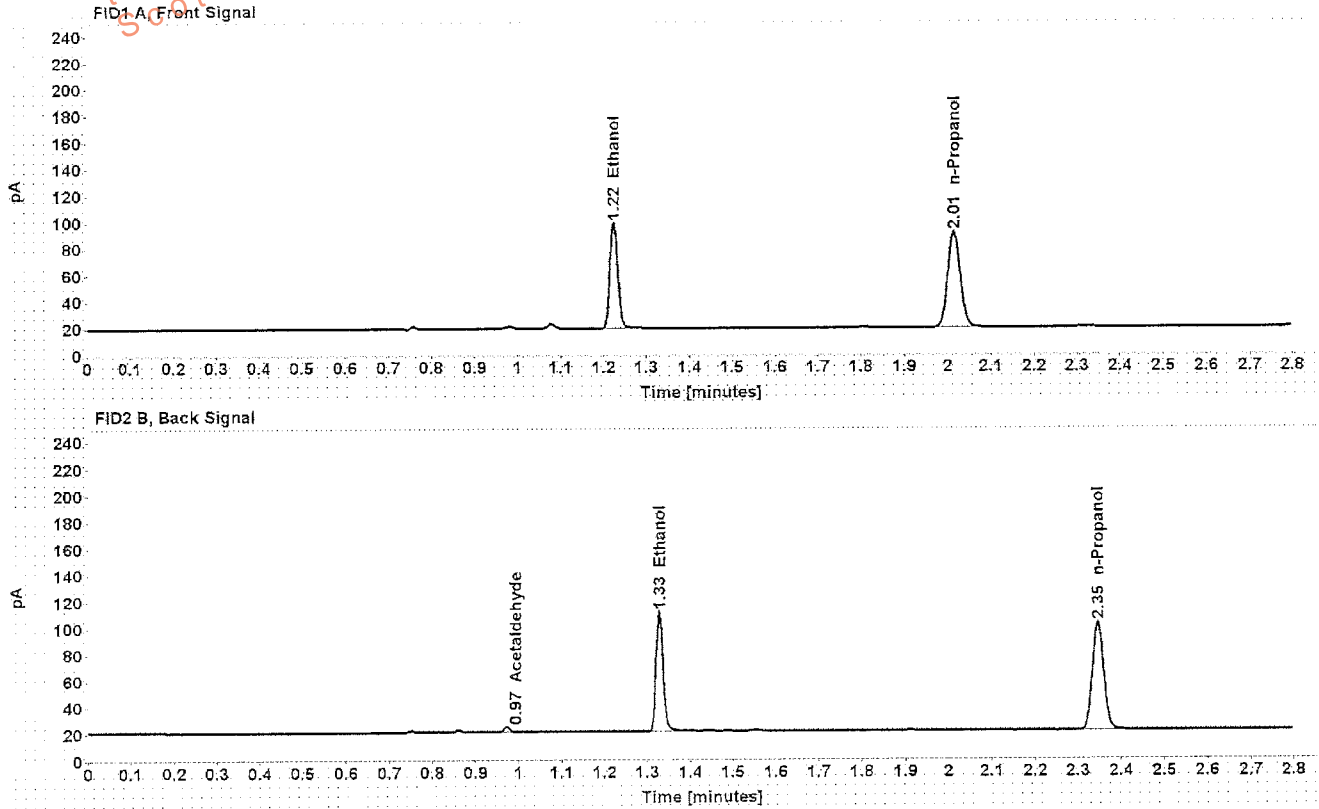


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1848	1.224	101.923
n-Propanol	-----	2.015	146.185

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	3.888
Ethanol	1.327	105.493
n-Propanol	2.345	151.528

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1068028
Injection date:	3/22/2017 2:55:11 PM	Vial:	38
Method:	ethanol quant.M	Sequence:	22Mar17
Instrument:	US14173023 CN14160045	Analyst:	Kosecki
Data file:	C:\Chem3214\Data\22Mar17\38.D		

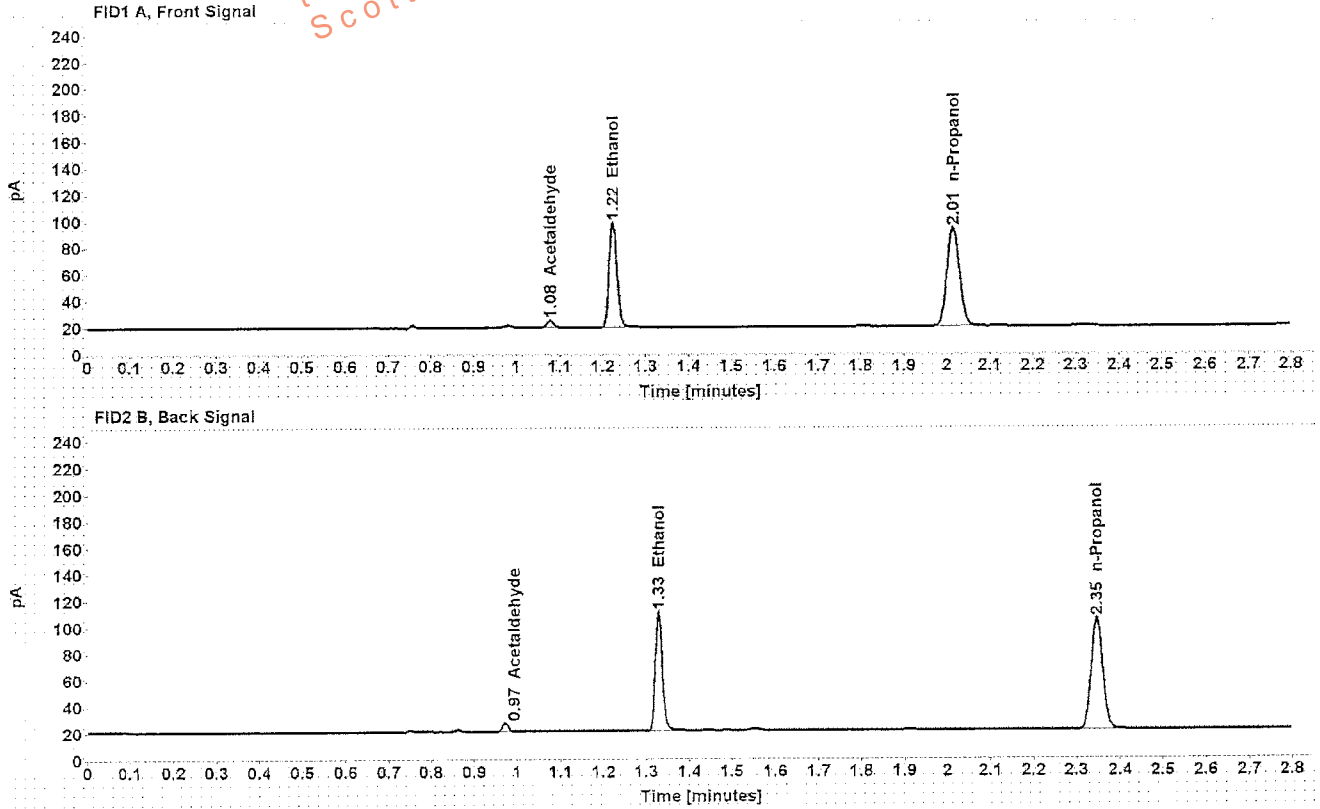


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.745
>Ethanol	0.1781	1.224	101.362
n-Propanol	-----	2.015	150.922

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	6.116
Ethanol	1.328	104.913
n-Propanol	2.345	156.529

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 3068028
Injection date: 3/22/2017 2:59:11 PM	Vial: 39
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\39.D	

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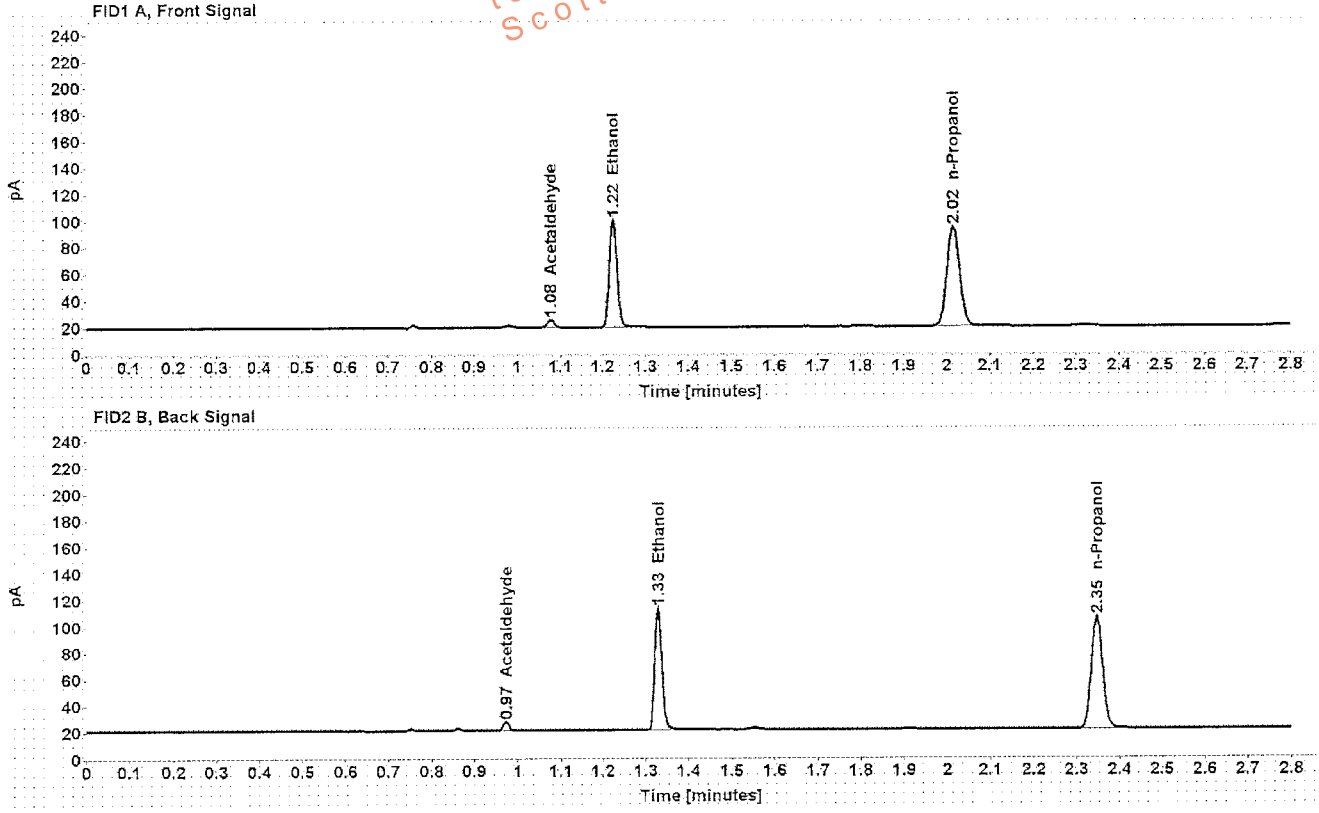


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.865
>Ethanol	0.1797	1.225	103.446
n-Propanol	-----	2.015	152.654

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	6.258
Ethanol	1.328	106.935
n-Propanol	2.346	158.291

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1066425
Injection date: 3/22/2017 3:03:11 PM	Vial: 40
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\40.D	

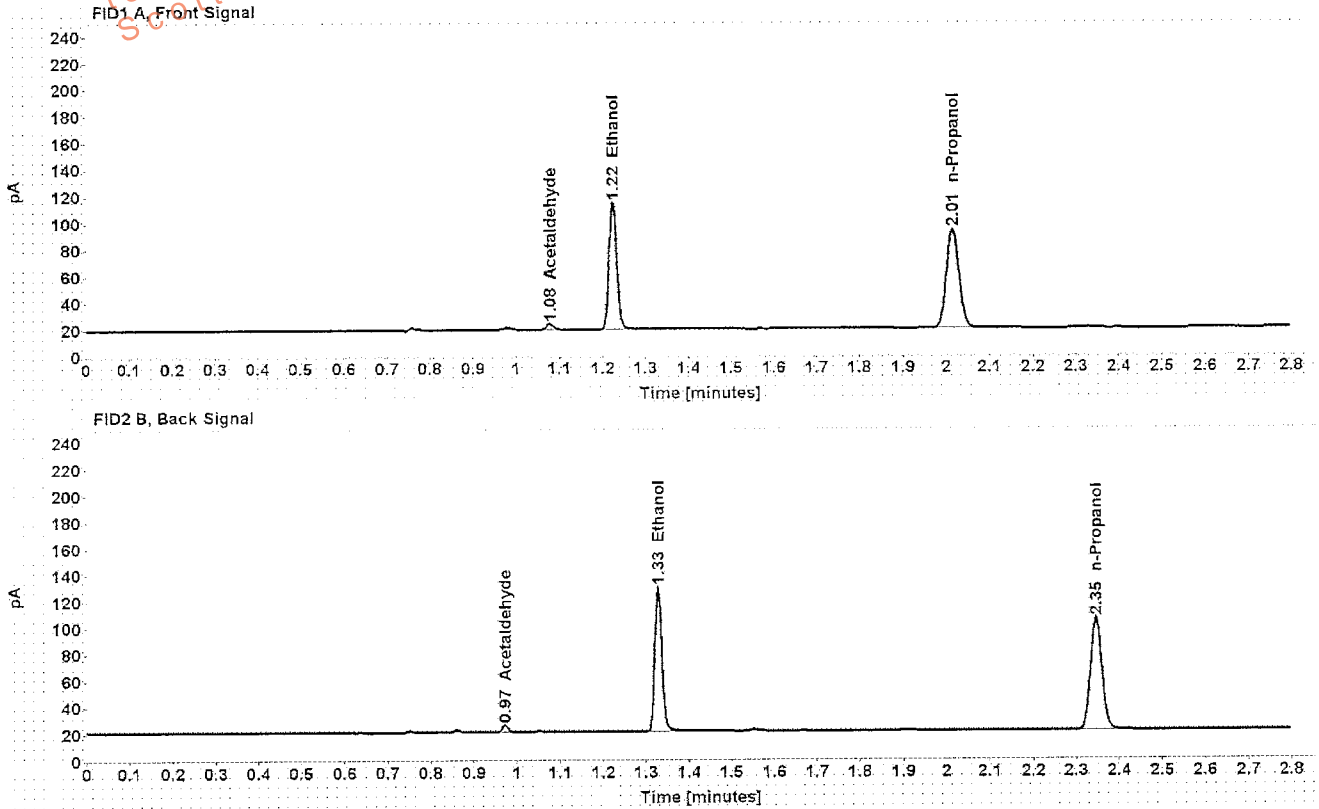


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.565
>Ethanol	0.2133	1.224	122.344
n-Propanol	-----	2.015	151.638

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.858
Ethanol	1.327	126.647
n-Propanol	2.345	157.298

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1066425
Injection date: 3/22/2017 3:07:10 PM	Vial: 41
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023-CN14160045	Analyst: Kosecki
Data file: C:\Chem321\Data\22Mar17\41.D	

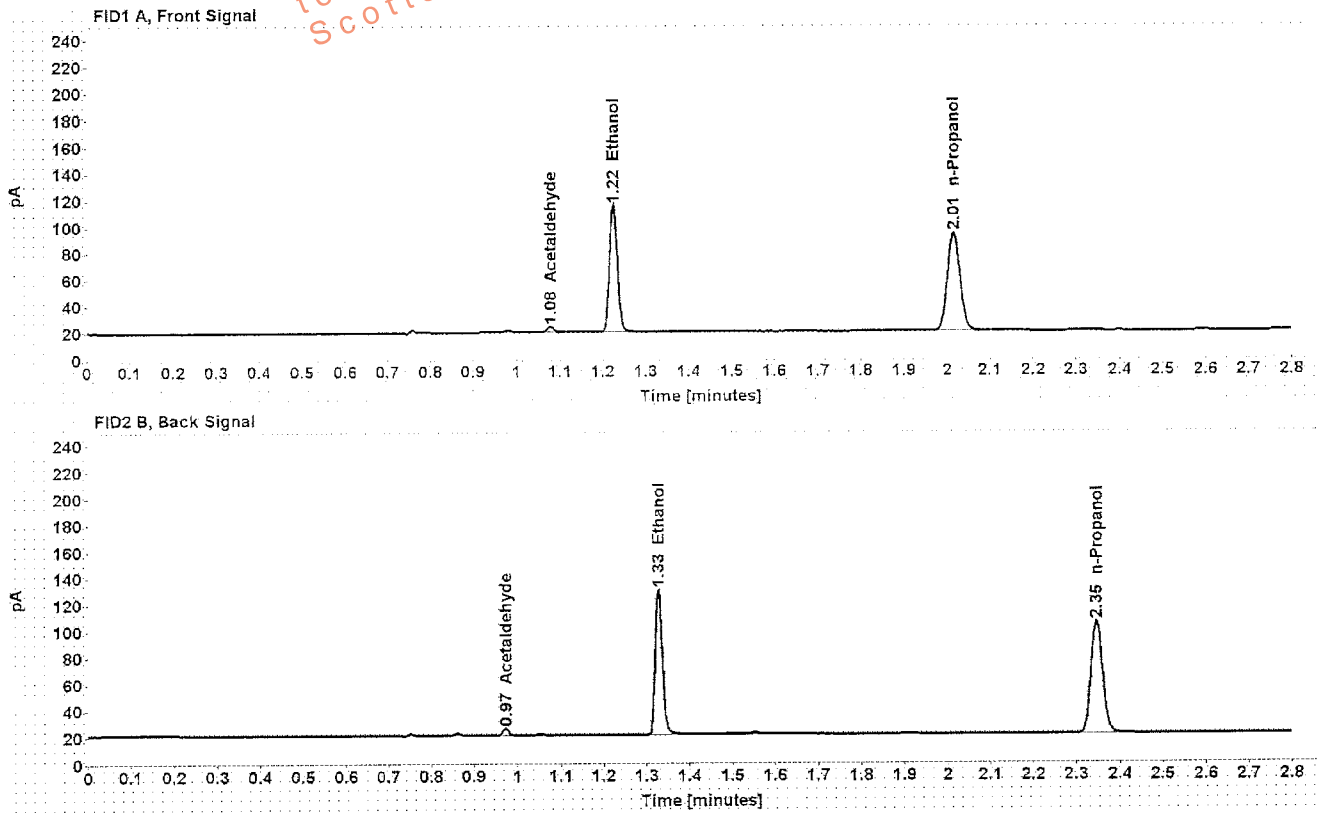


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.524
>Ethanol	0.2140	1.225	122.792
n-Propanol	-----	2.015	151.733

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.826
Ethanol	1.328	127.234
n-Propanol	2.346	156.894

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1092867
Injection date: 3/22/2017 3:15:26 PM	Vial: 43
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\43.D	

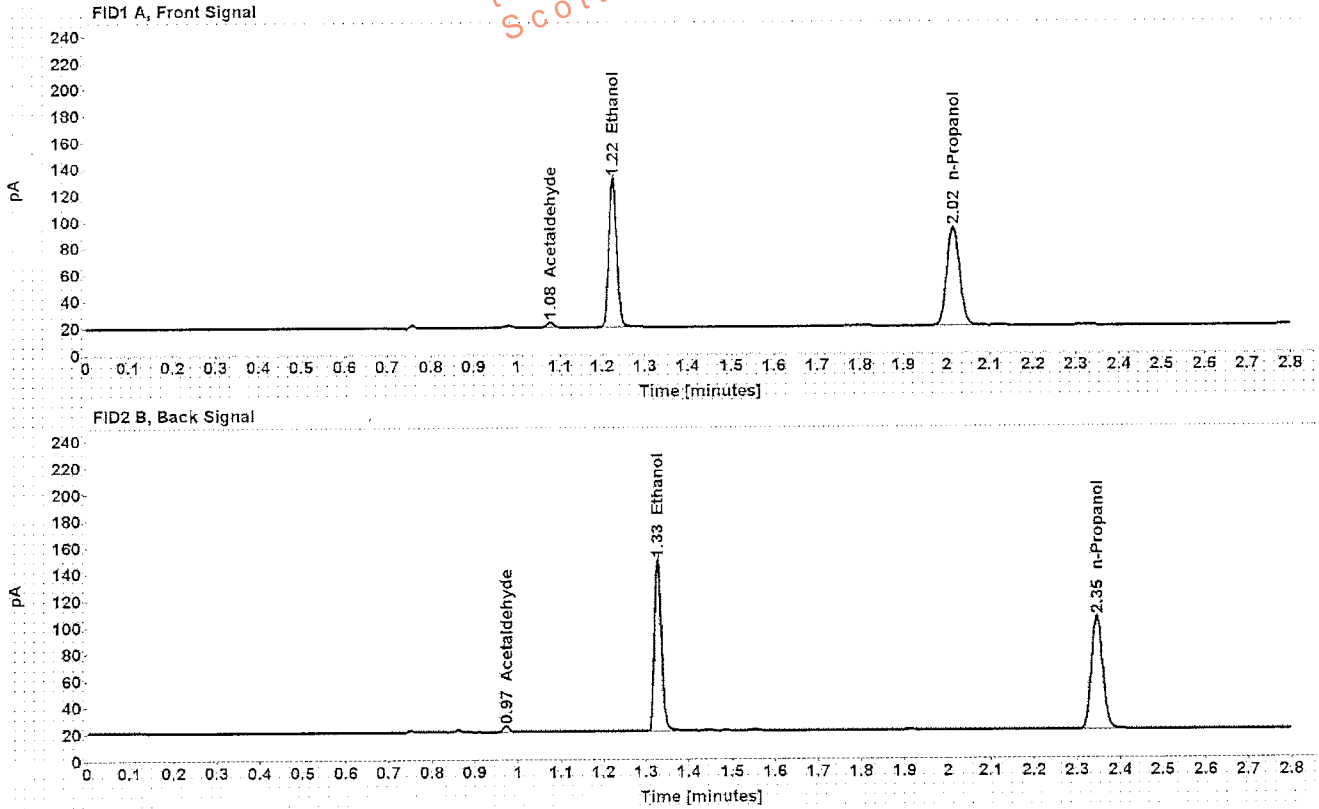


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.968
>Ethanol	0.2506	1.225	144.260
n-Propanol	-----	2.015	151.874

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.237
Ethanol	1.328	150.481
n-Propanol	2.346	157.471

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1092867
Injection date: 3/22/2017 8:19:26 PM	Vial: 44
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\44.D	

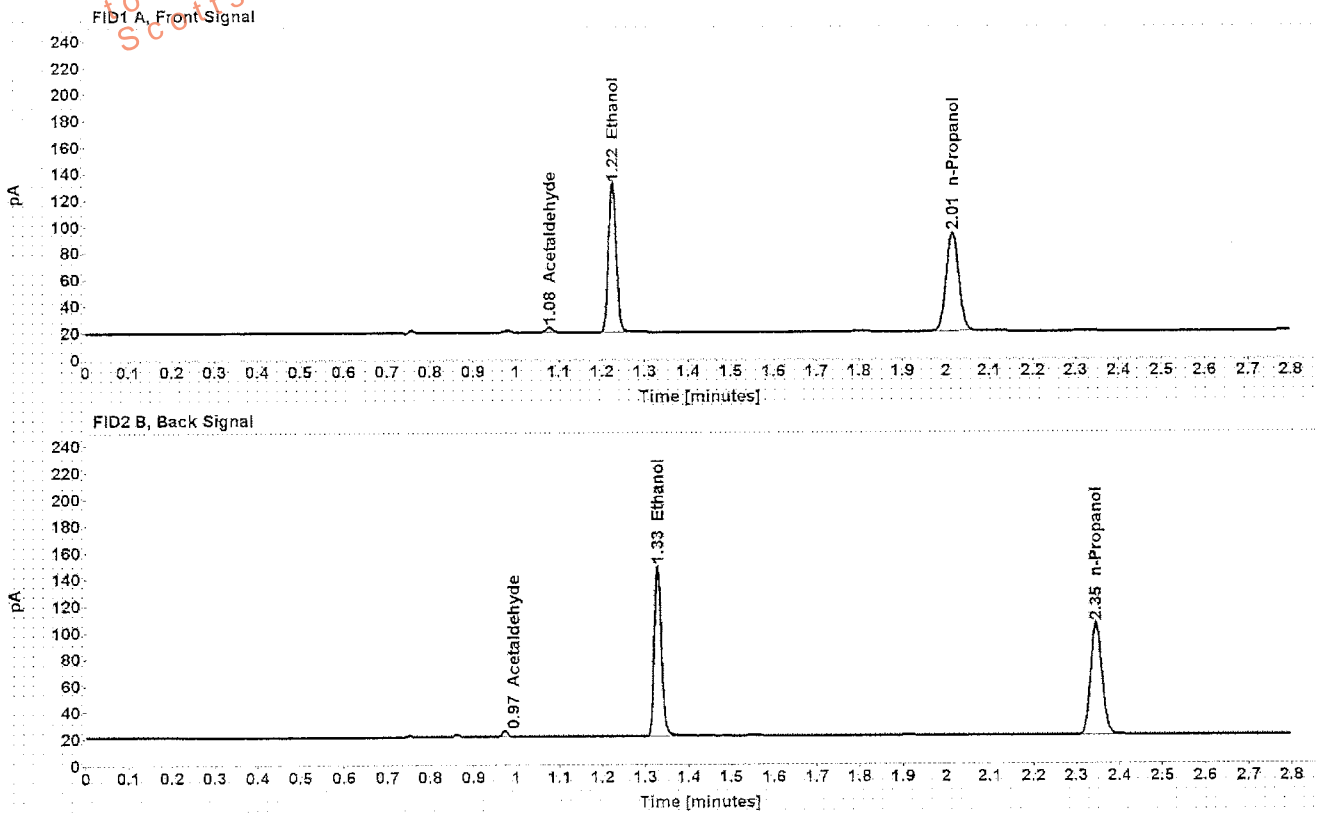


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.986
>Ethanol	0.2501	1.224	143.682
n-Propanol	-----	2.015	151.569

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.278
Ethanol	1.328	148.775
n-Propanol	2.346	157.101

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1073205
Injection date: 3/22/2017 3:23:25 PM	Vial: 45
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\45.D	

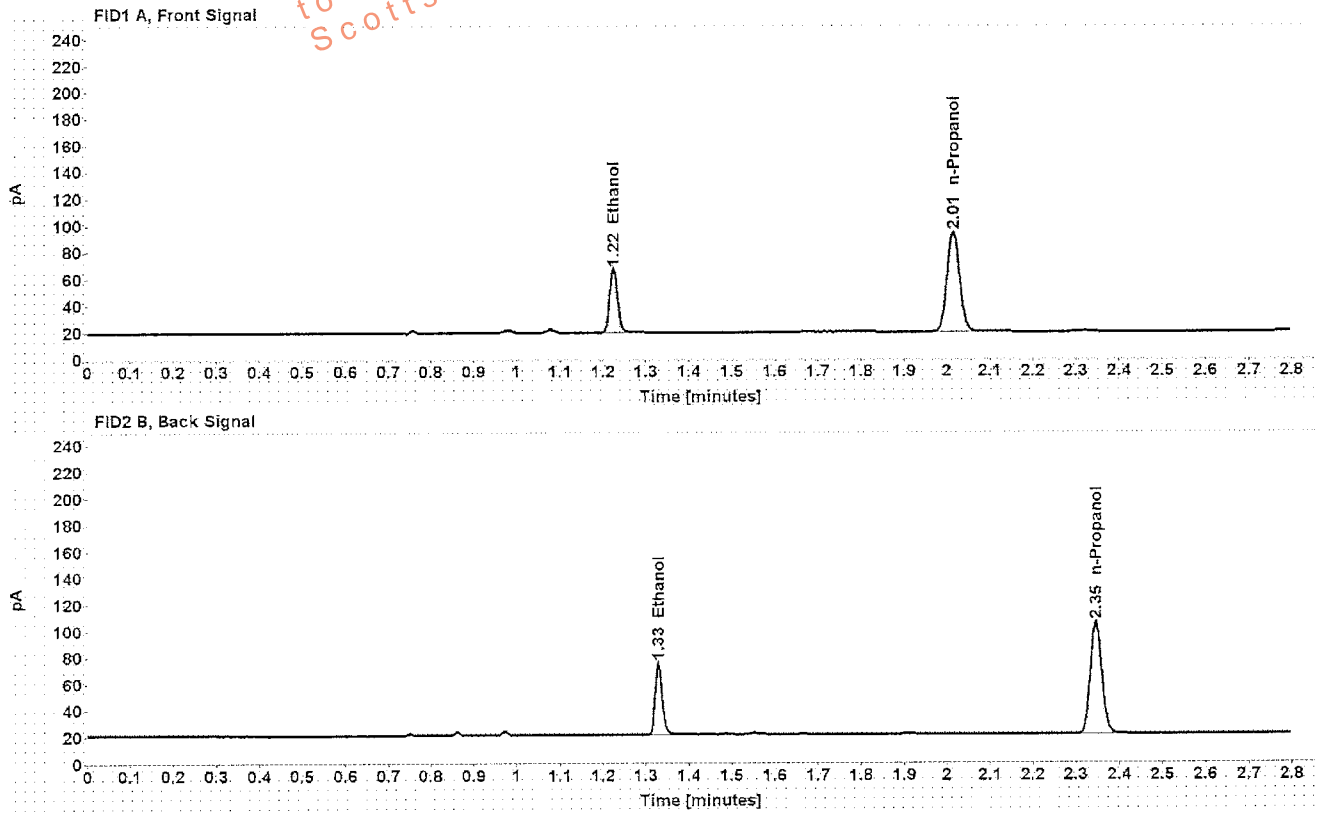


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1074	1.225	61.214
n-Propanol	---	2.015	152.961

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

Compound	Time (min)	Peak Area
Ethanol	1.328	63.247
n-Propanol	2.346	157.992

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1073205
Injection date: 3/22/2017 3:27:26 PM	Vial: 46
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\46.D	

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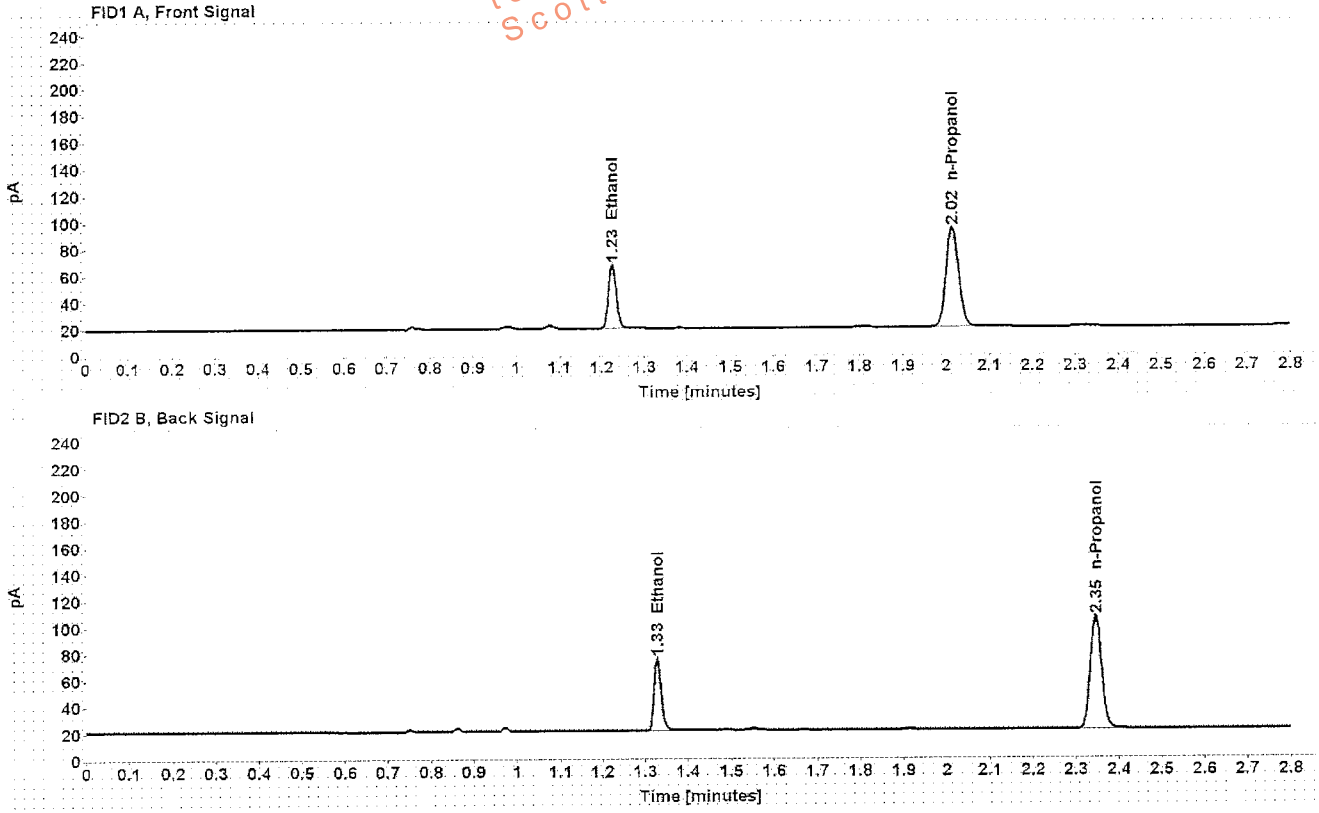


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1077	1.225	61.260
n-Propanol	-----	2.015	152.648

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

Compound	Time (min)	Peak Area
Ethanol	1.328	63.359
n-Propanol	2.346	158.468

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1102912
Injection date: 3/22/2017 3:31:27 PM	Vial: 47
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\47.D	

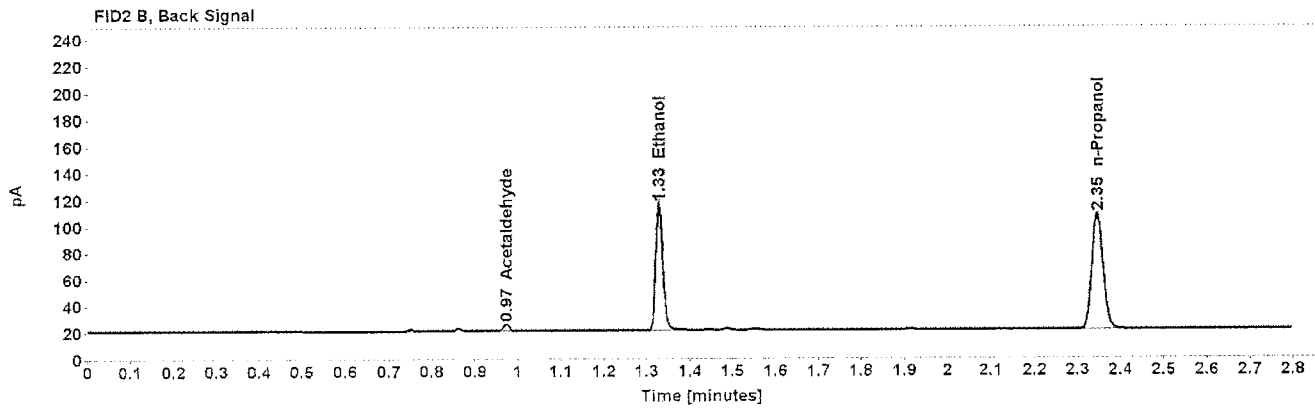
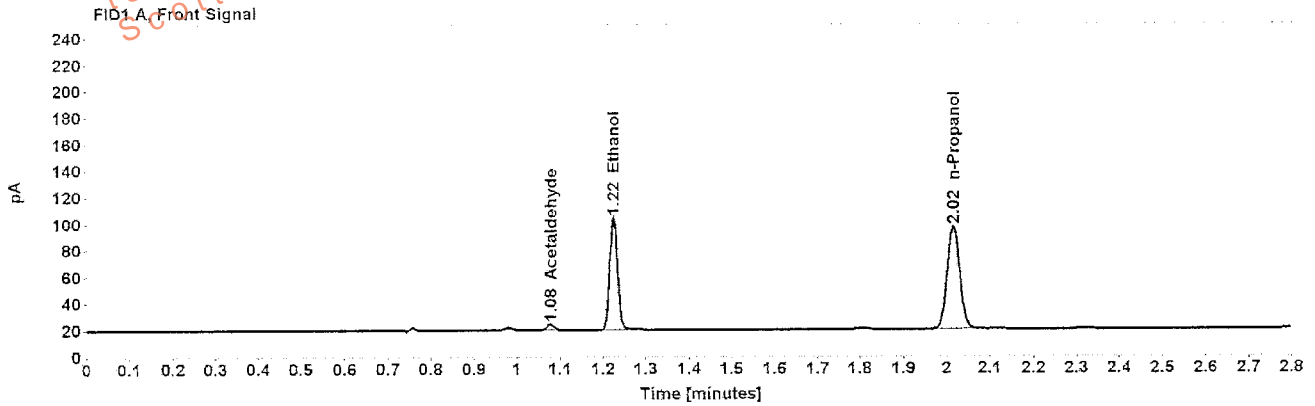


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.591
>Ethanol	0.1817	1.225	108.015
n-Propanol	-----	2.015	157.567

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.899
Ethanol	1.328	111.849
n-Propanol	2.346	163.111

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1102912
Injection date: 3/22/2017 3:35:25 PM	Vial: 48
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\48.D	

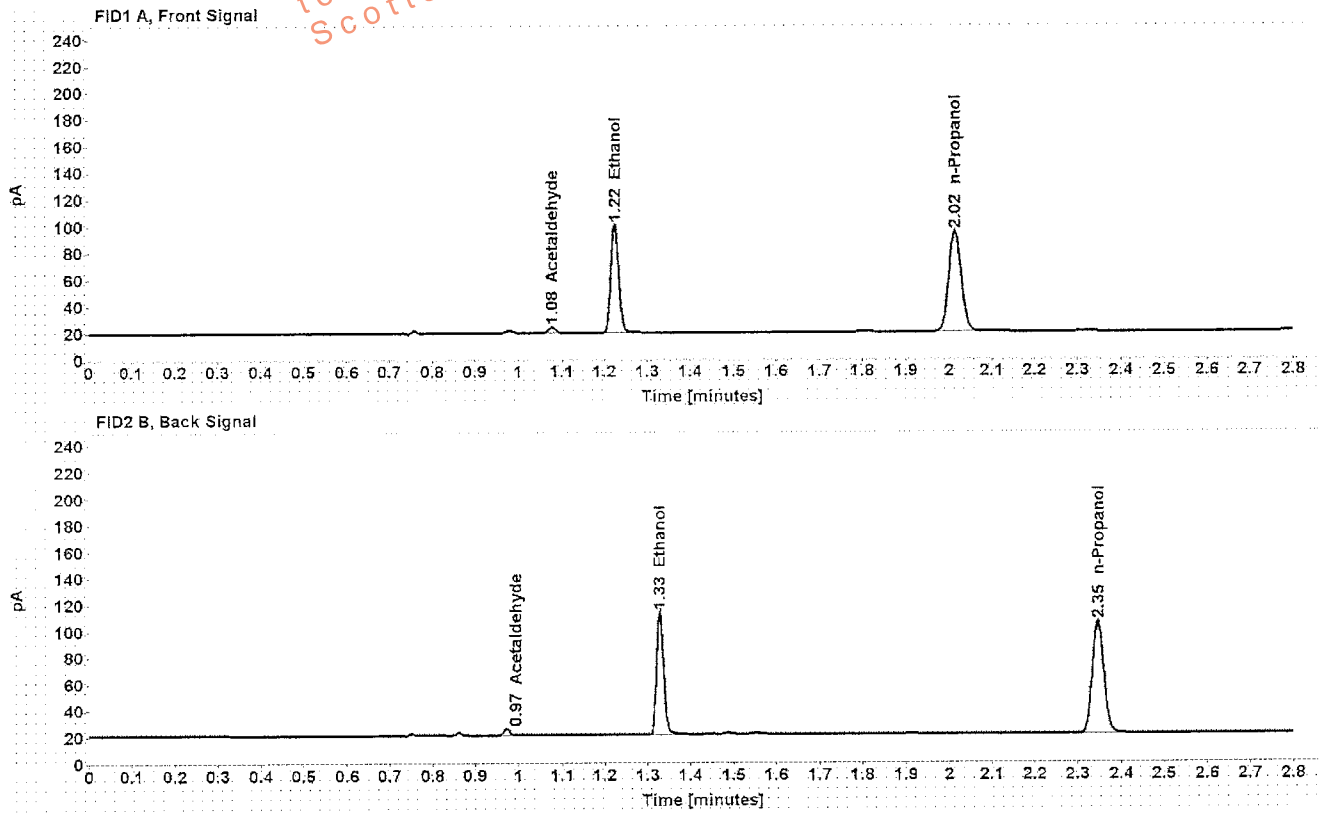


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.529
>Ethanol	0.1806	1.225	104.245
n-Propanol	-----	2.015	153.082

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.817
Ethanol	1.328	107.935
n-Propanol	2.346	158.389

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4099958
Injection date: 3/22/2017 3:39:41 PM	Vial: 49
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\49.D	

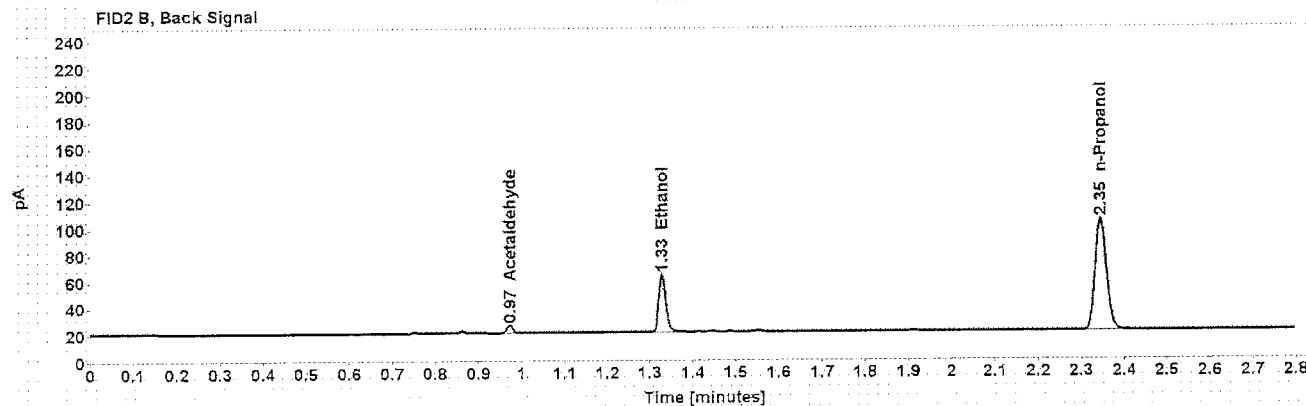
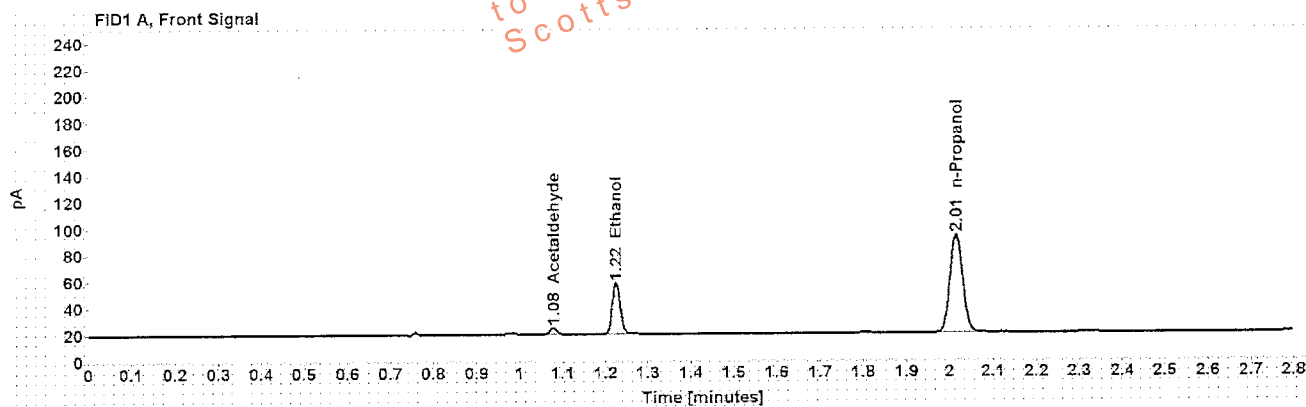


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.211
>Ethanol	0.0882	1.225	49.216
n-Propanol	-----	2.015	150.852

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.538
Ethanol	1.328	51.362
n-Propanol	2.345	156.332

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1099958
Injection date: 3/22/2017 3:43:41 PM	Vial: 50
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\11\Data\22Mar17\50.D	

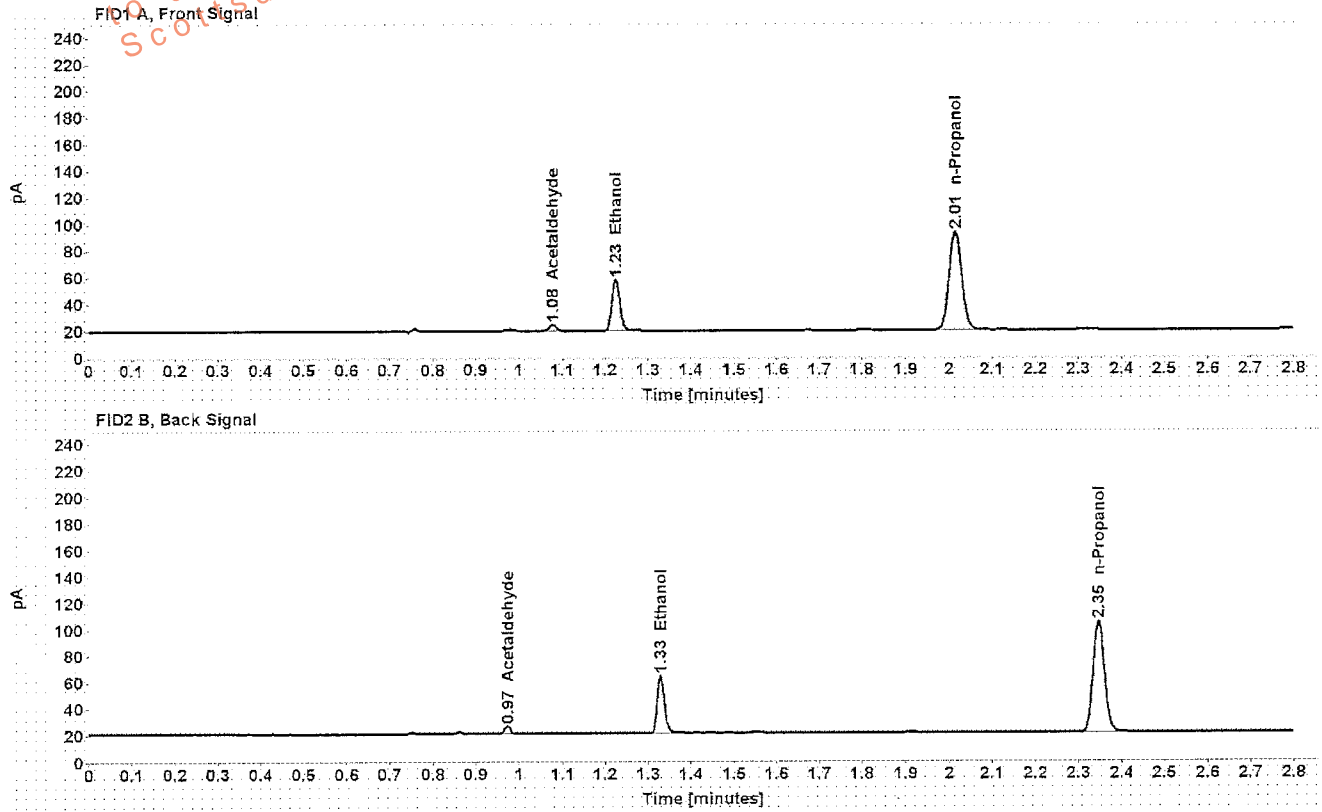


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.212
>Ethanol	0.0885	1.225	49.313
n-Propanol	-----	2.015	150.631

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.556
Ethanol	1.329	51.253
n-Propanol	2.346	156.162

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1098969
Injection date: 3/22/2017 3:47:40 PM	Vial: 51
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\51.D	

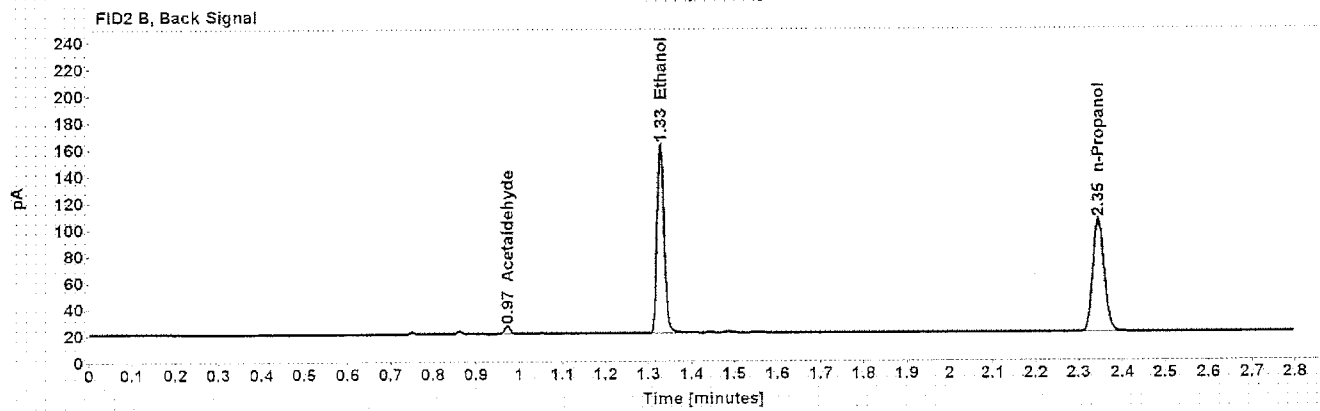
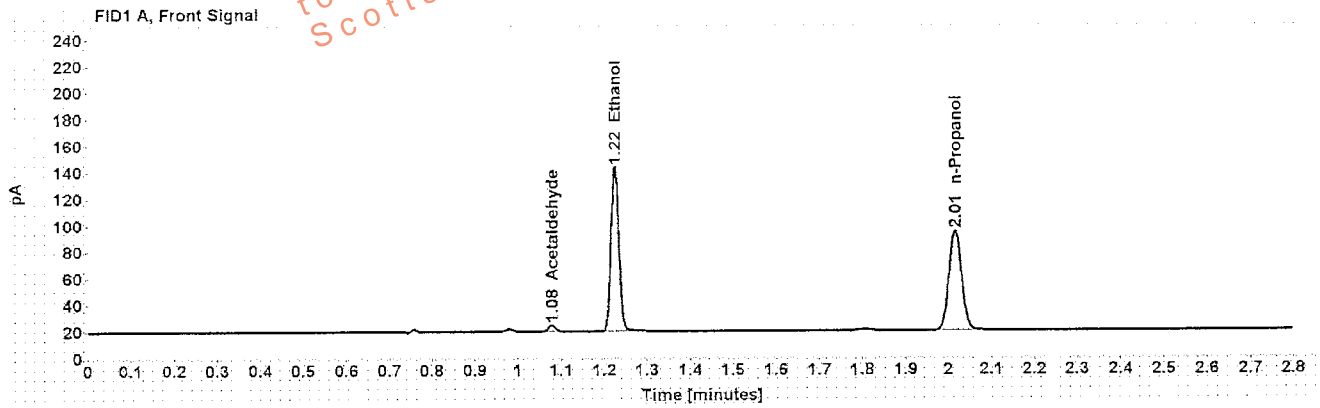


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.100
>Ethanol	0.2743	1.224	159.021
n-Propanol	-----	2.015	152.799

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.422
Ethanol	1.328	164.484
n-Propanol	2.346	158.386

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4098969
Injection date: 3/22/2017 3:51:42 PM	Vial: 52
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\11\Data\22Mar17\52.D	

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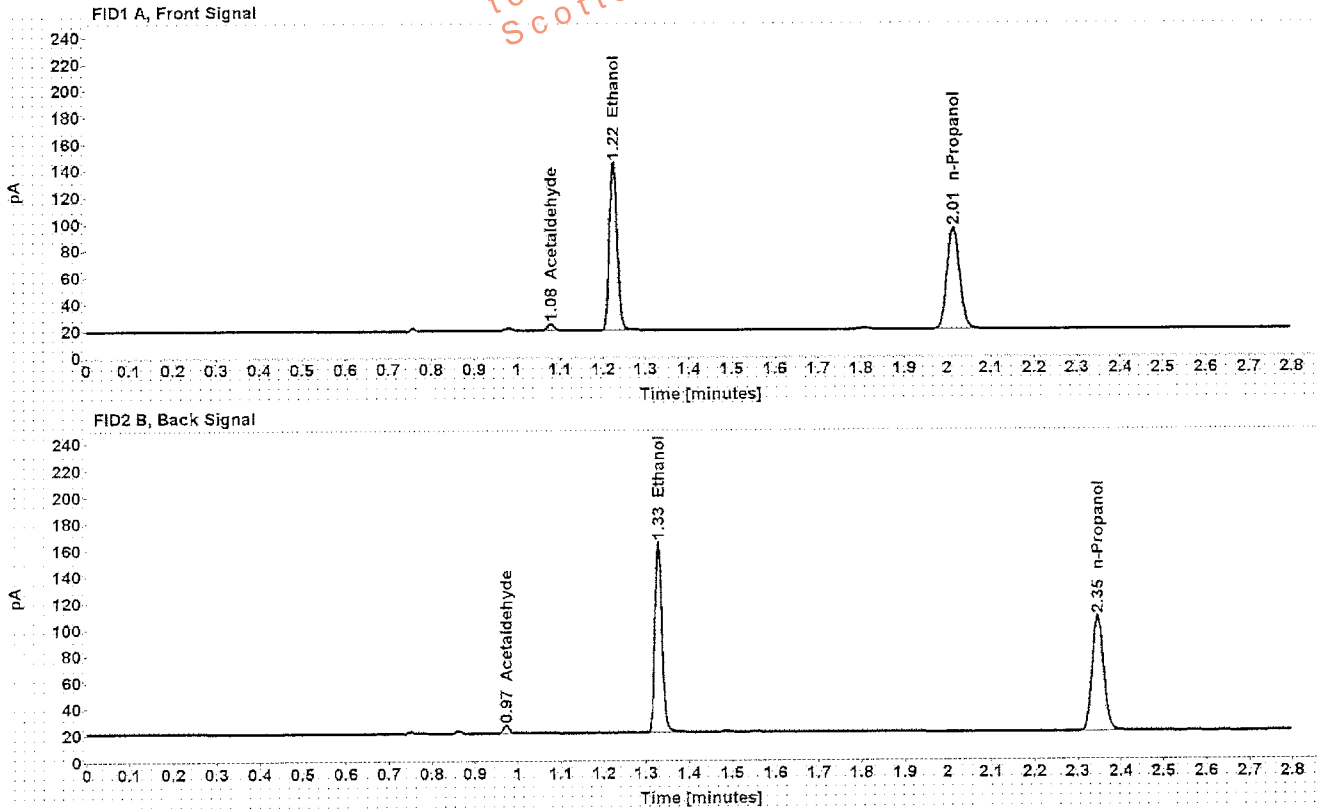


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.159
>Ethanol	0.2741	1.224	161.554
n-Propanol	-----	2.015	155.331

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.512
Ethanol	1.328	167.079
n-Propanol	2.345	161.022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1099211
Injection date: 3/22/2017 3:59:41 PM	Vial: 54
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\54.D	

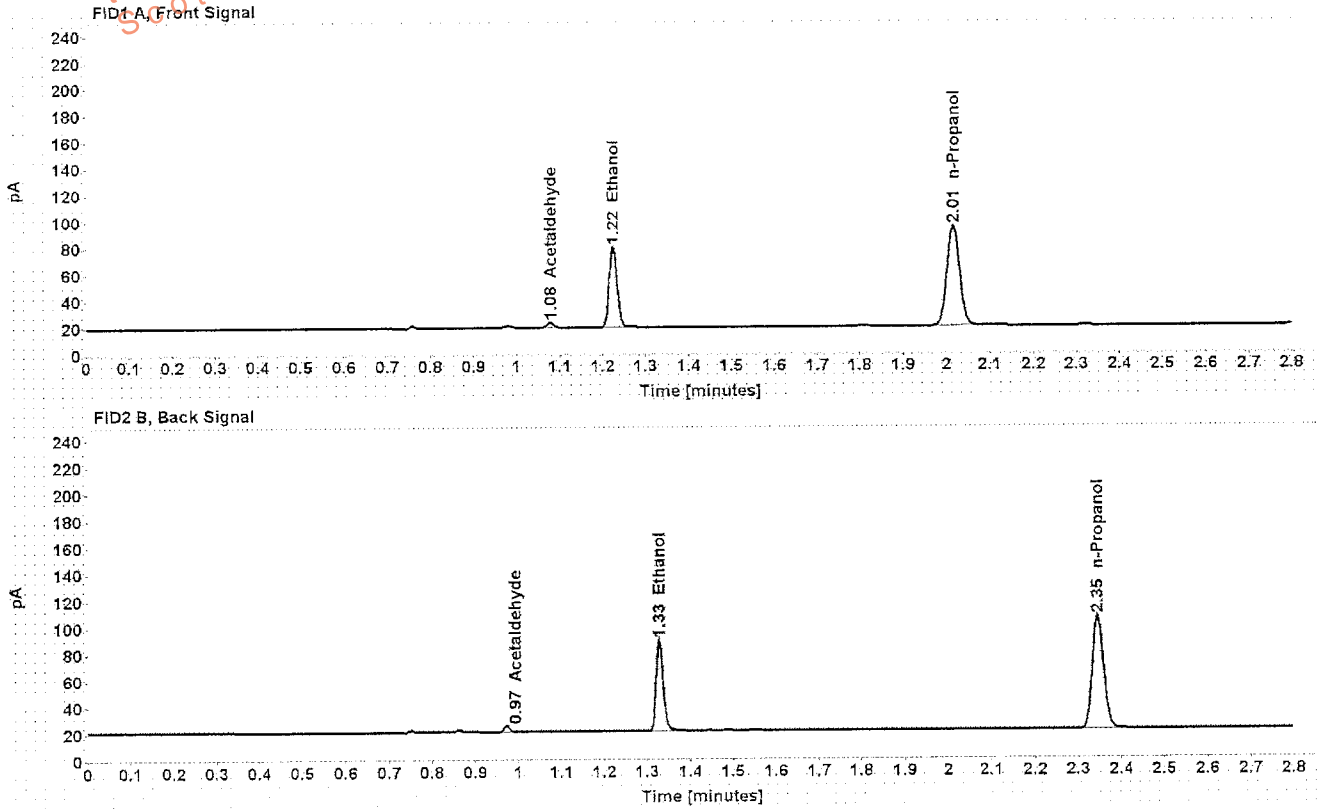


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.071
>Ethanol	0.1351	1.225	77.875
n-Propanol	-----	2.015	153.796

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.337
Ethanol	1.328	80.291
n-Propanol	2.346	159.064

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1099211
Injection date: 3/22/2017 4:03:56 PM	Vial: 55
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023-CN14160045	Analyst: Kosecki
Data file: C:\Chem3214\Data\22Mar17\155.D	

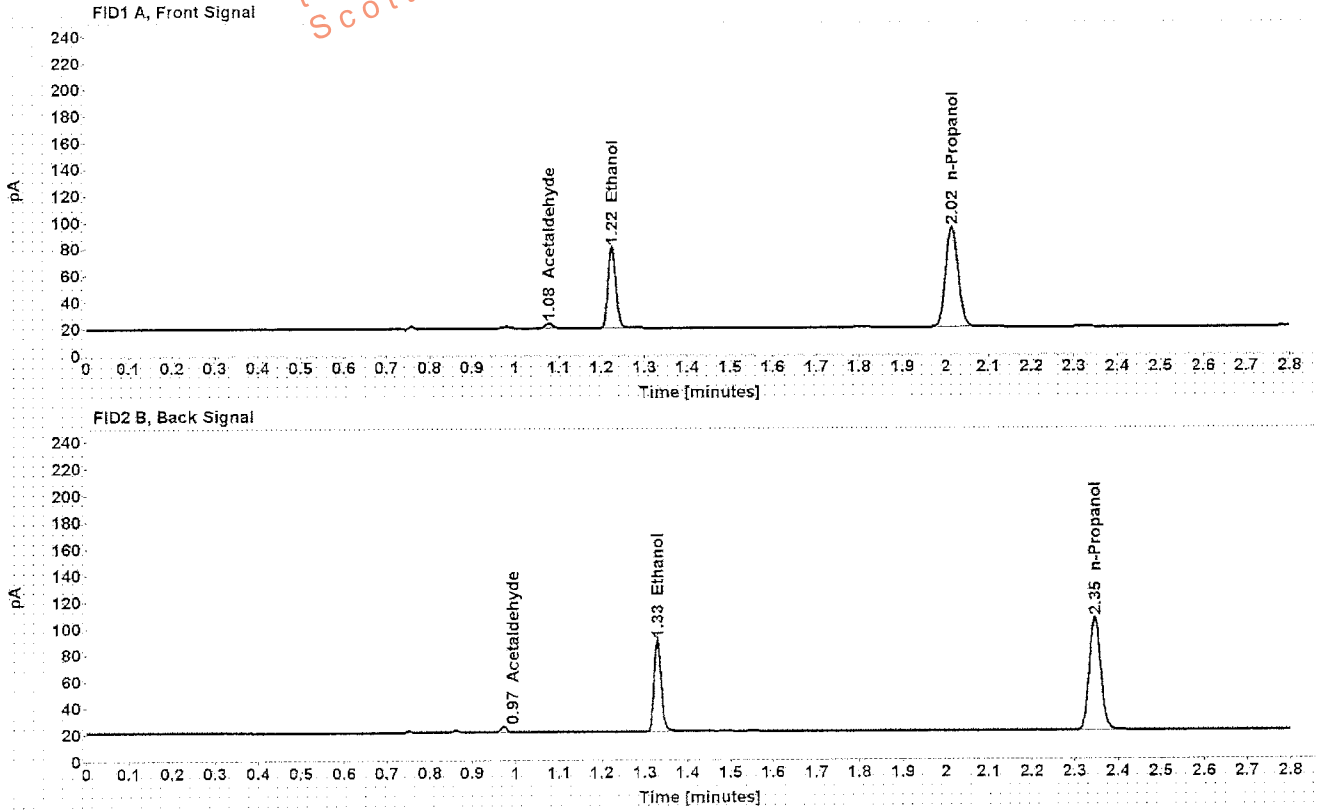


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.024
>Ethanol	0.1354	1.225	77.984
n-Propanol	-----	2.015	153.592

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.329
Ethanol	1.328	80.566
n-Propanol	2.346	159.120

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4101361
Injection date: 3/22/2017 4:07:56 PM	Vial: 56
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\56.D	

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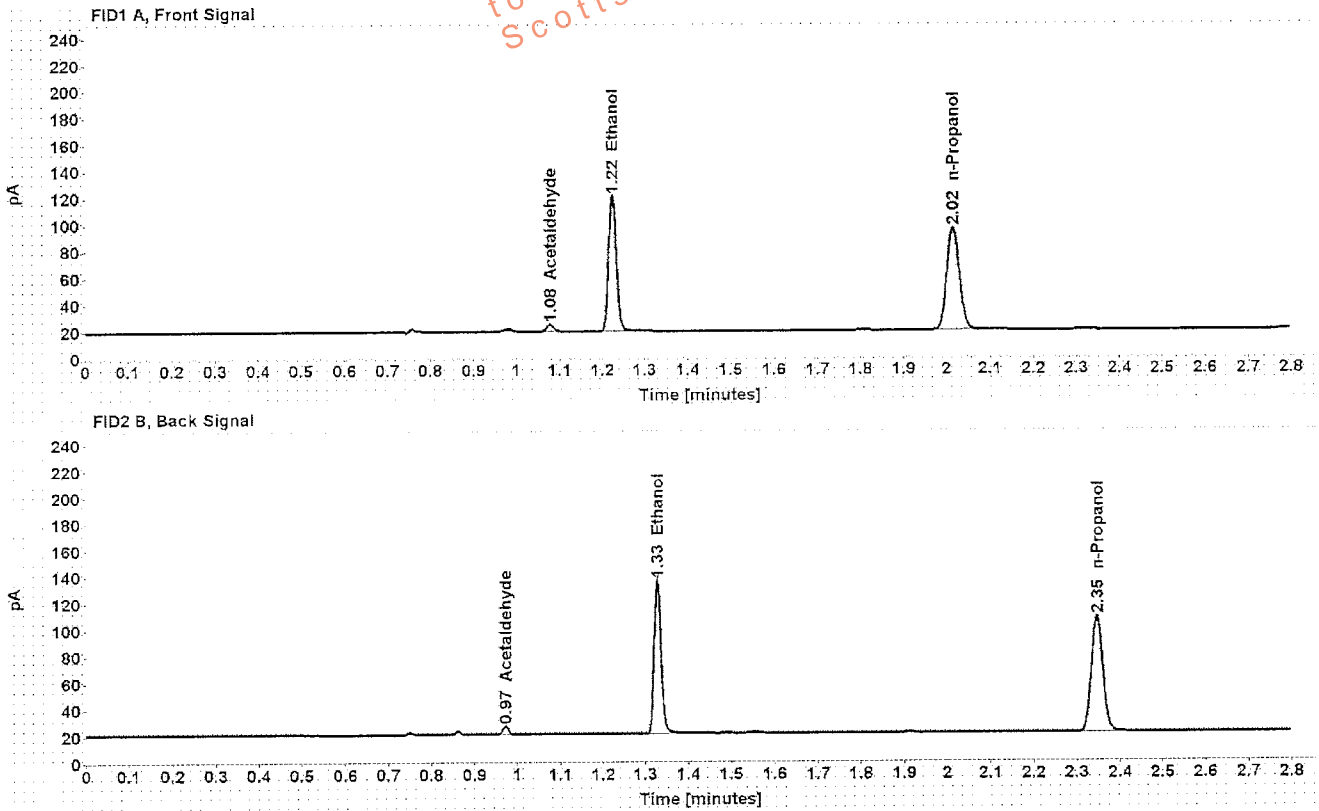


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.419
>Ethanol	0.2196	1.225	129.886
n-Propanol	-----	2.015	156.319

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.745
Ethanol	1.328	134.539
n-Propanol	2.346	161.977

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1101361
Injection date: 3/22/2017 4:11:56 PM	Vial: 57
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\11\Data\22Mar17\157.D	

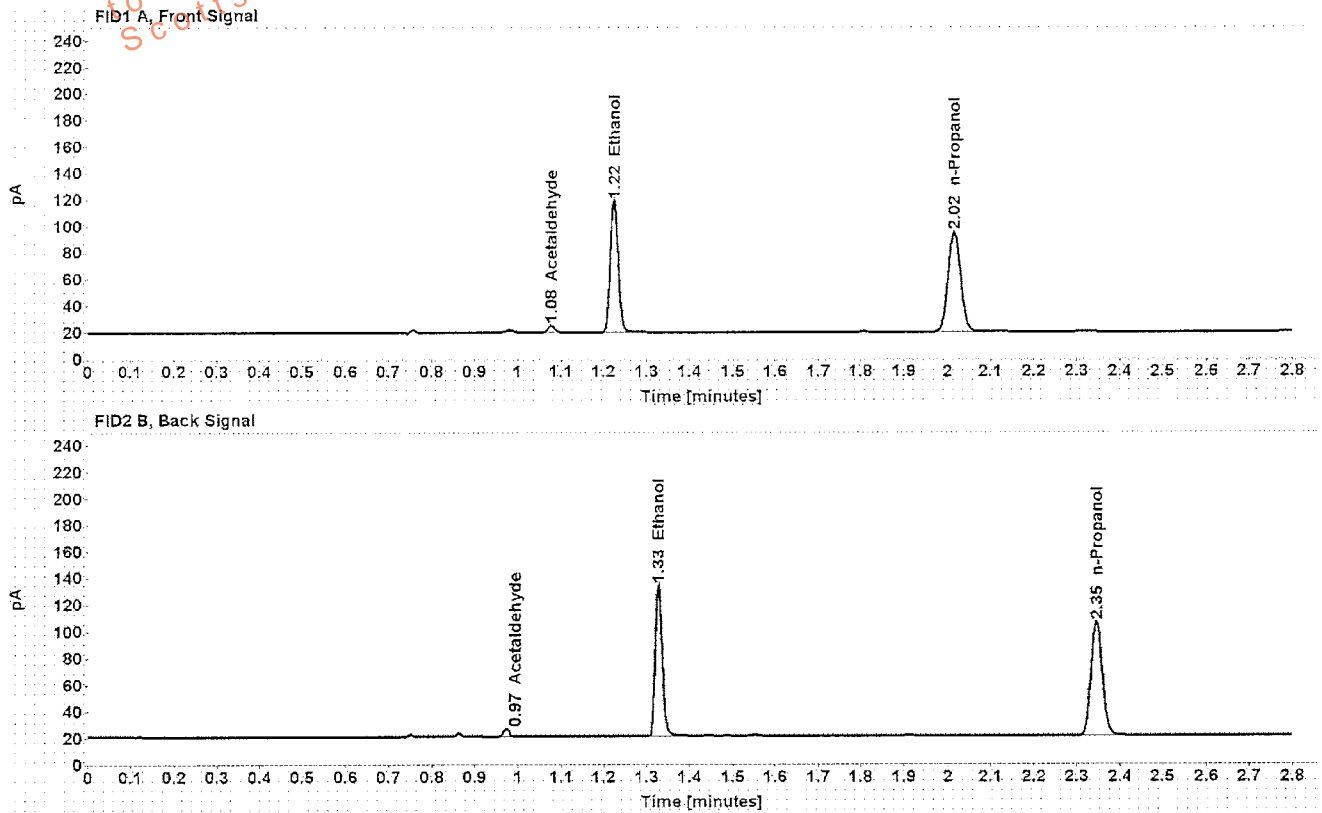


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.408
>Ethanol	0.2196	1.225	127.382
n-Propanol	-----	2.015	153.302

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.754
Ethanol	1.328	131.891
n-Propanol	2.346	158.724

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1103603
Injection date: 3/22/2017 4:15:56 PM	Vial: 58
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem321\Data\22Mar17\58.D	

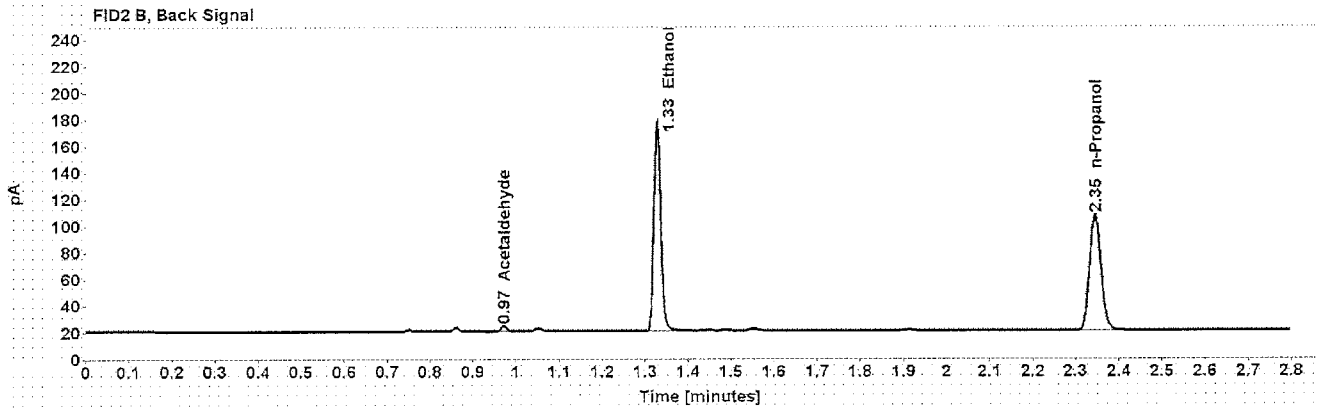
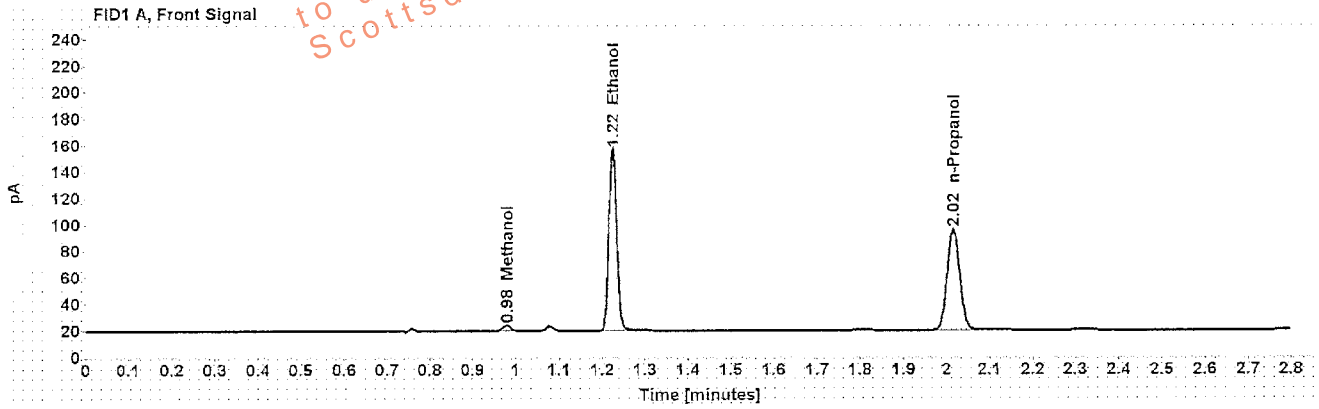


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.979	4.854
>Ethanol	0.2967	1.224	176.102
n-Propanol	-----	2.015	156.289

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.796
Ethanol	1.328	183.208
n-Propanol	2.346	160.958

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1103803
Injection date: 3/22/2017 4:19:56 PM	Vial: 59
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\59.D	

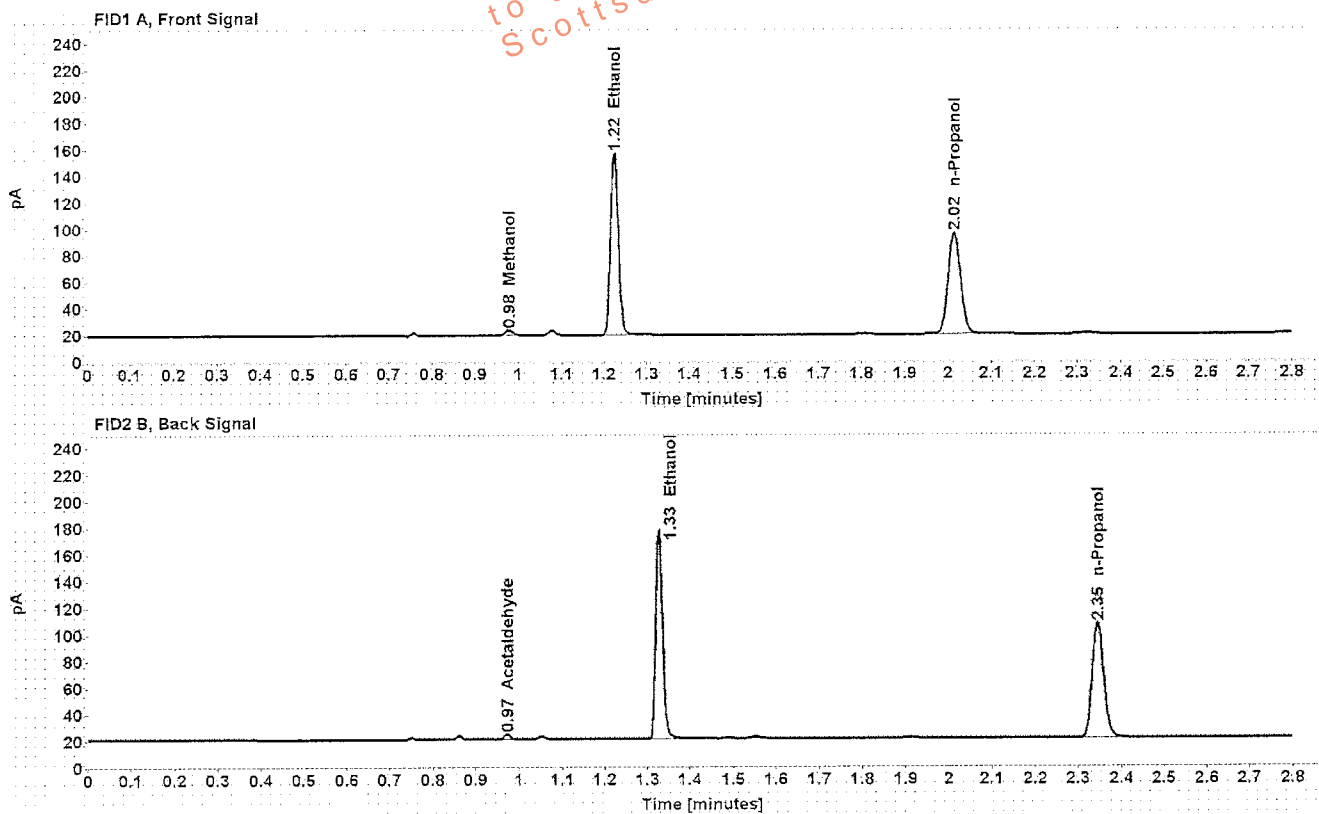


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.979	4.696
>Ethanol	0.2978	1.224	175.561
n-Propanol	-----	2.015	155.193

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	3.895
Ethanol	1.328	182.020
n-Propanol	2.346	160.929

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1104517
Injection date: 3/22/2017 4:23:56 PM	Vial: 60
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1>Data\22Mar17\60.D	

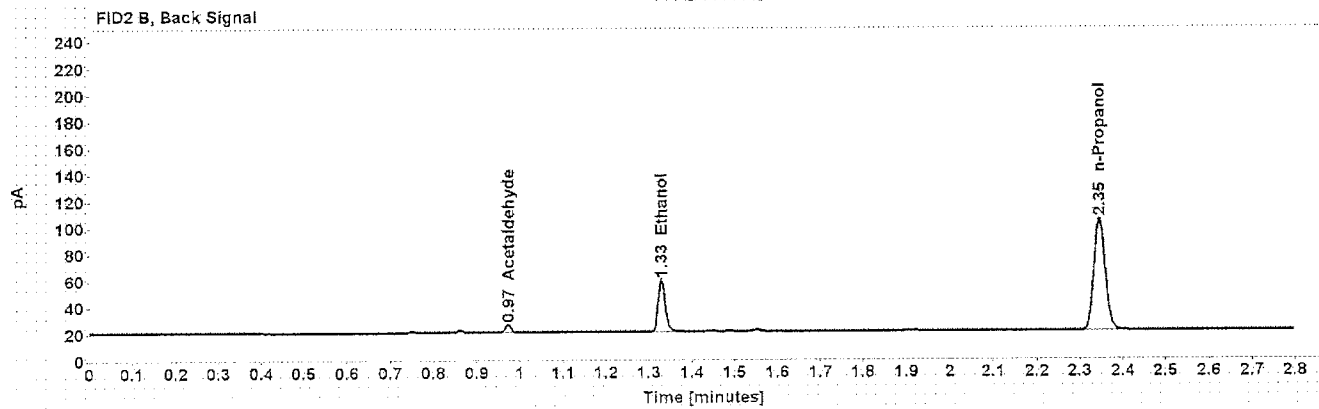
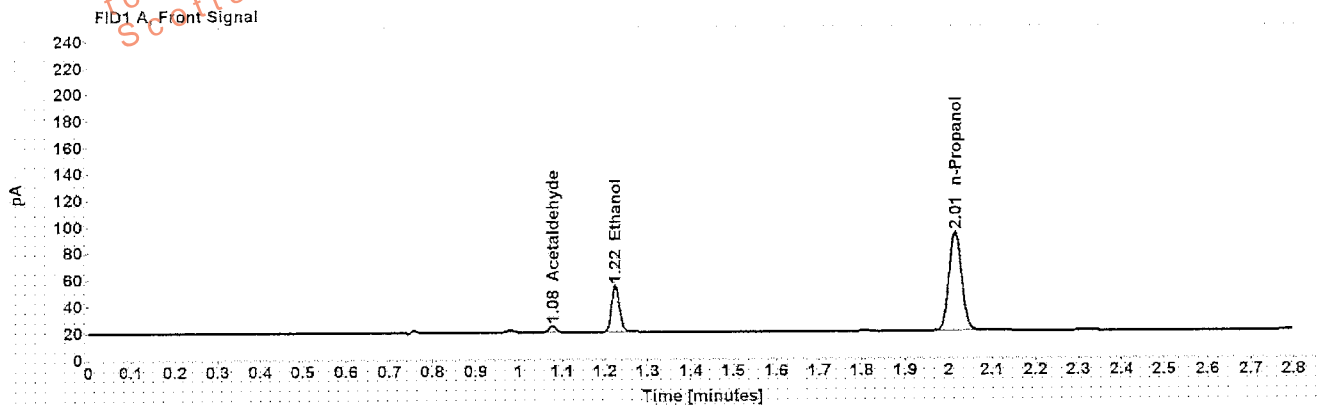


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.041
>Ethanol	0.0795	1.225	44.458
n-Propanol	-----	2.015	151.714

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.322
Ethanol	1.328	46.360
n-Propanol	2.345	157.202

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1104517
Injection date: 3/22/2017 4:28:11 PM	Vial: 61
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem321\1Data\22Mar17\61.D	

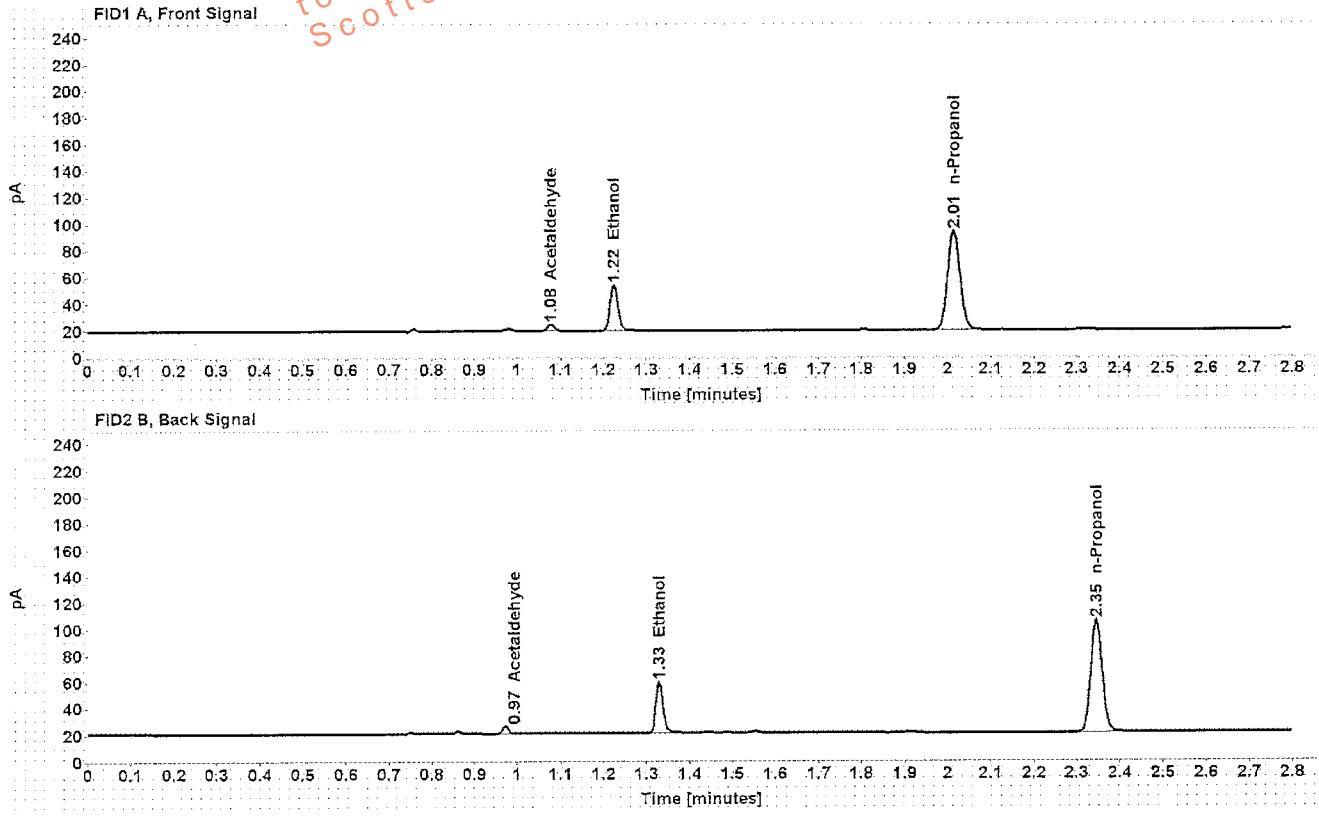


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.045
>Ethanol	0.0784	1.225	43.874
n-Propanol	-----	2.015	151.931

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.381
Ethanol	1.328	45.312
n-Propanol	2.345	156.613

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1104527
Injection date: 3/22/2017 4:32:11 PM	Vial: 62
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\62.D	

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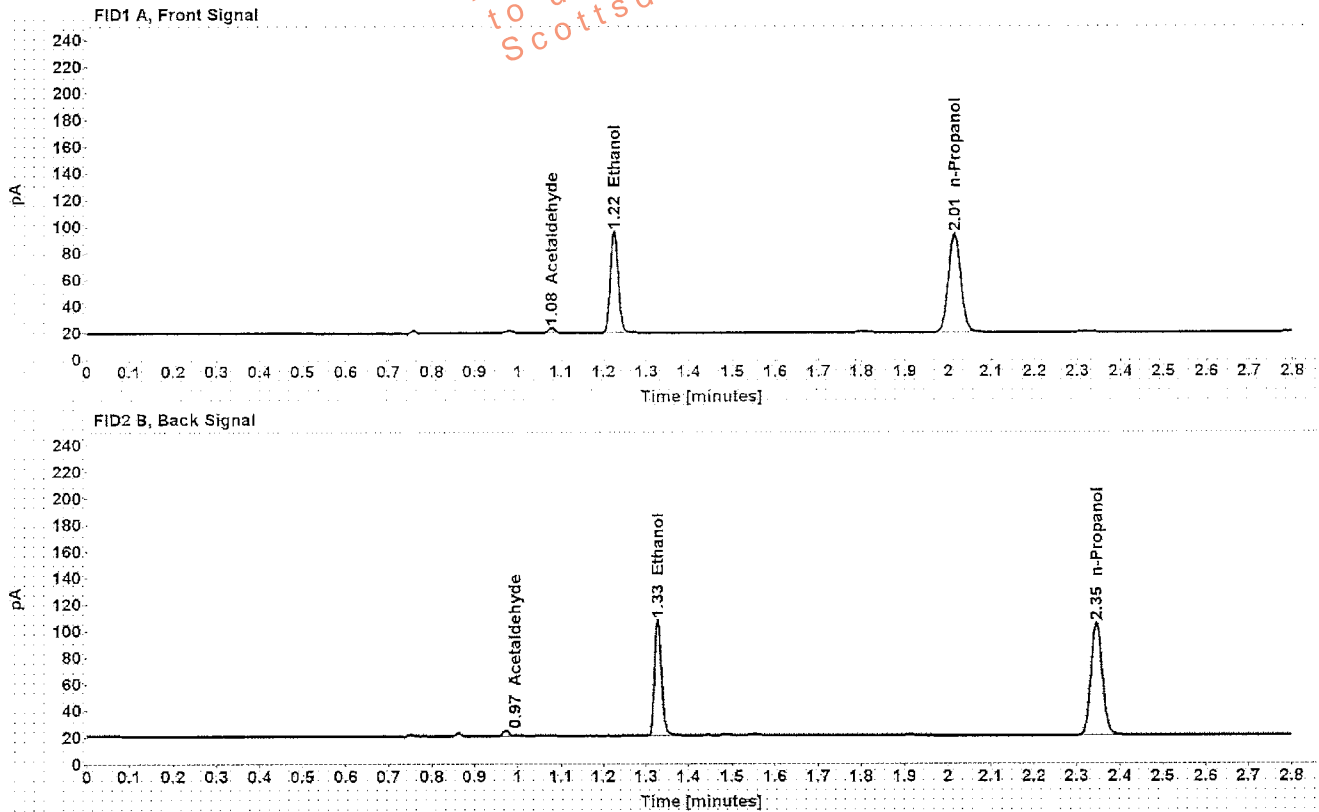


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.829
>Ethanol	0.1713	1.224	97.839
n-Propanol	-----	2.015	151.575

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.083
Ethanol	1.328	101.277
n-Propanol	2.345	157.169

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1104527
Injection date: 3/22/2017 4:36:11 PM	Vial: 63
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\63.D	

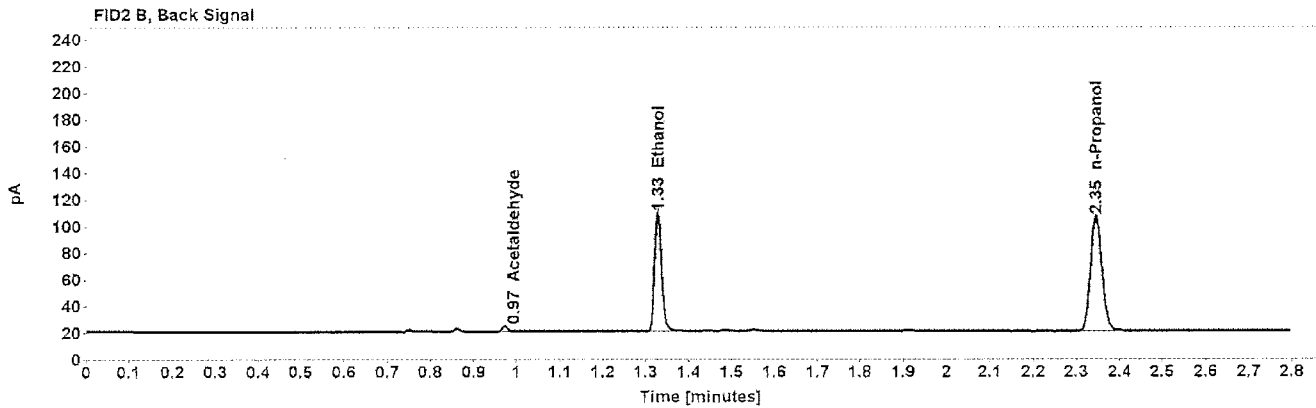
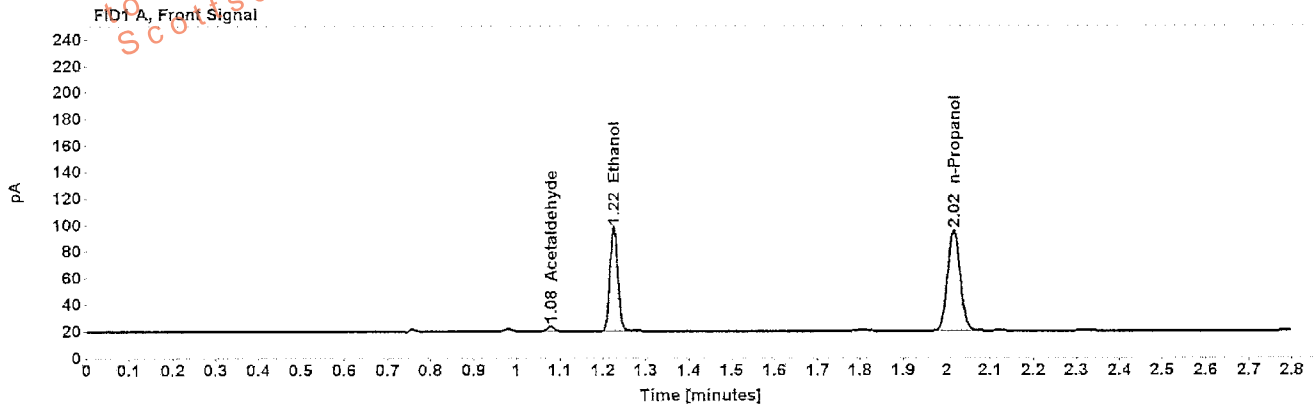


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.844
>Ethanol	0.1723	1.225	100.182
n-Propanol	-----	2.015	154.329

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.111
Ethanol	1.328	103.897
n-Propanol	2.346	160.181

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1098387
Injection date: 3/22/2017 4:44:11 PM	Vial: 65
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem321\10Data\22Mar17\65.D	

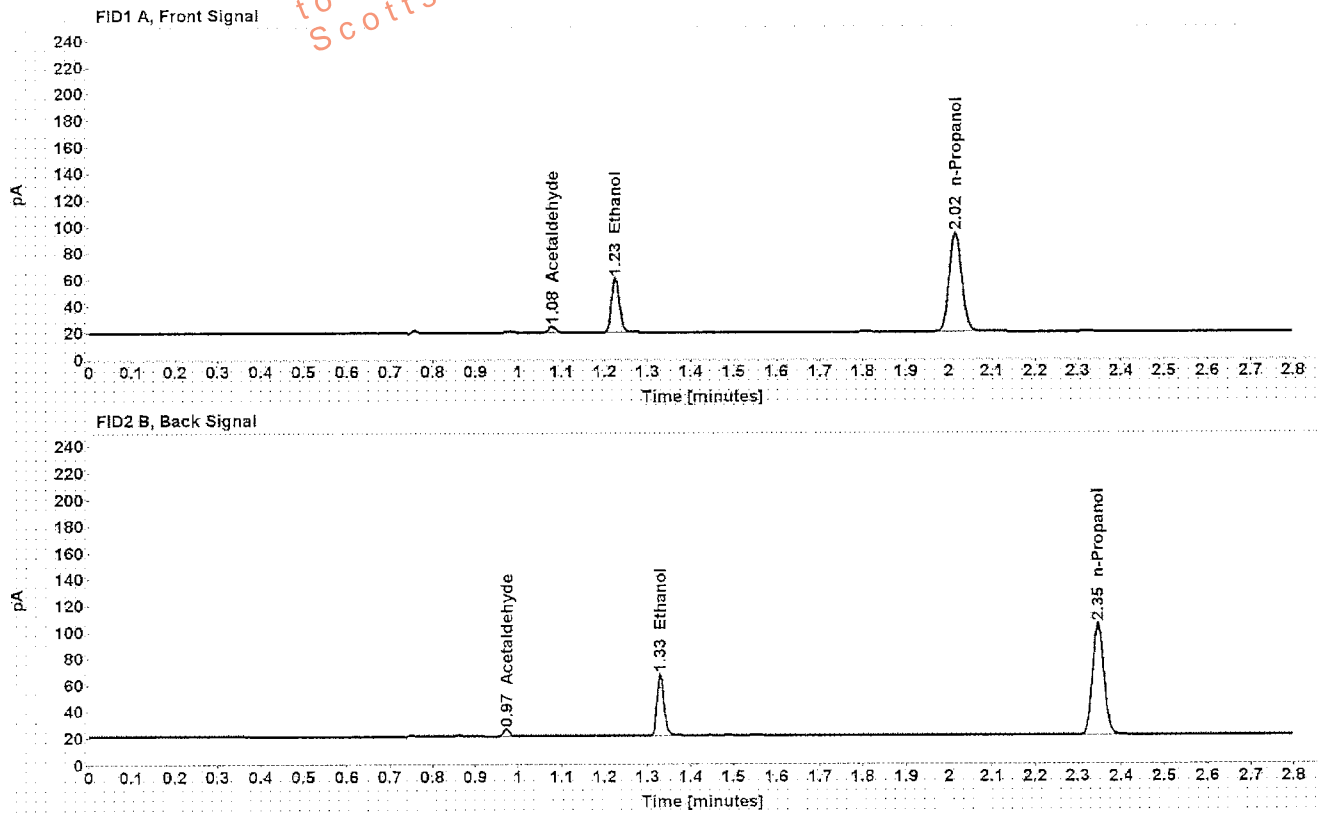


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.784
>Ethanol	0.0933	1.225	52.481
n-Propanol	-----	2.015	151.744

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.036
Ethanol	1.329	54.116
n-Propanol	2.346	156.862

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4098387
Injection date: 3/22/2017 4:48:11 PM	Vial: 66
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\66.D	

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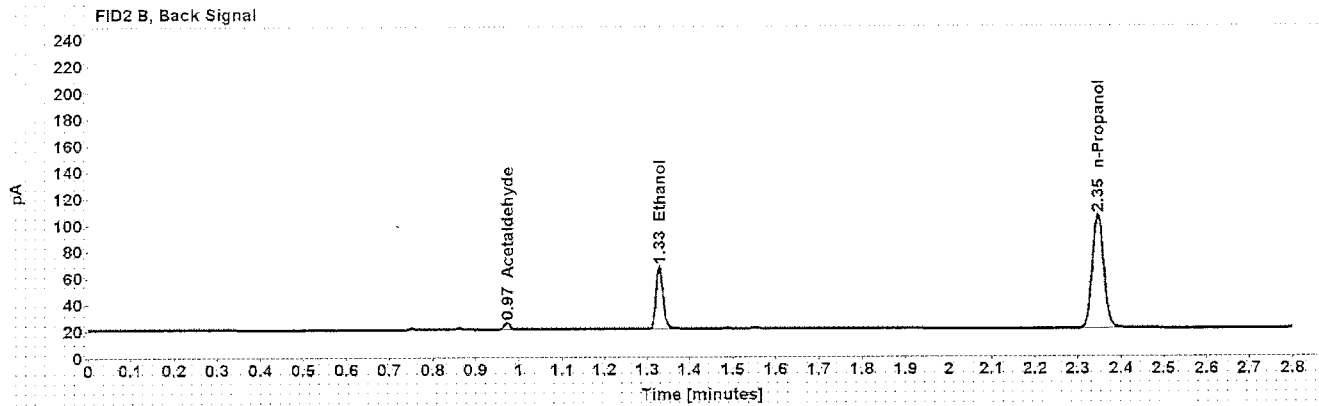
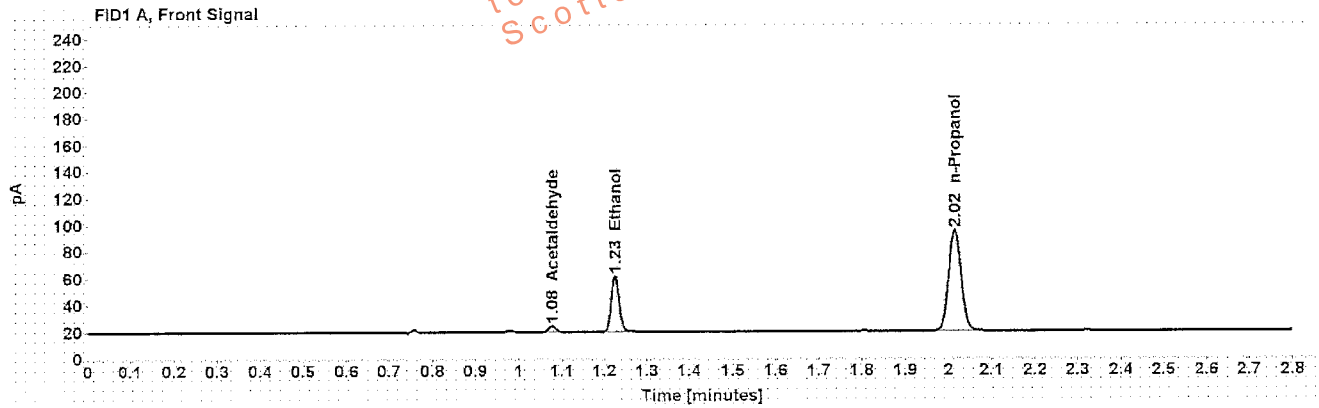


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.745
>Ethanol	0.0935	1.225	53.378
n-Propanol	-----	2.015	154.024

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.968
Ethanol	1.329	55.652
n-Propanol	2.346	159.462

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1051668
Injection date: 3/22/2017 4:52:26 PM	Vial: 67
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\67.D	

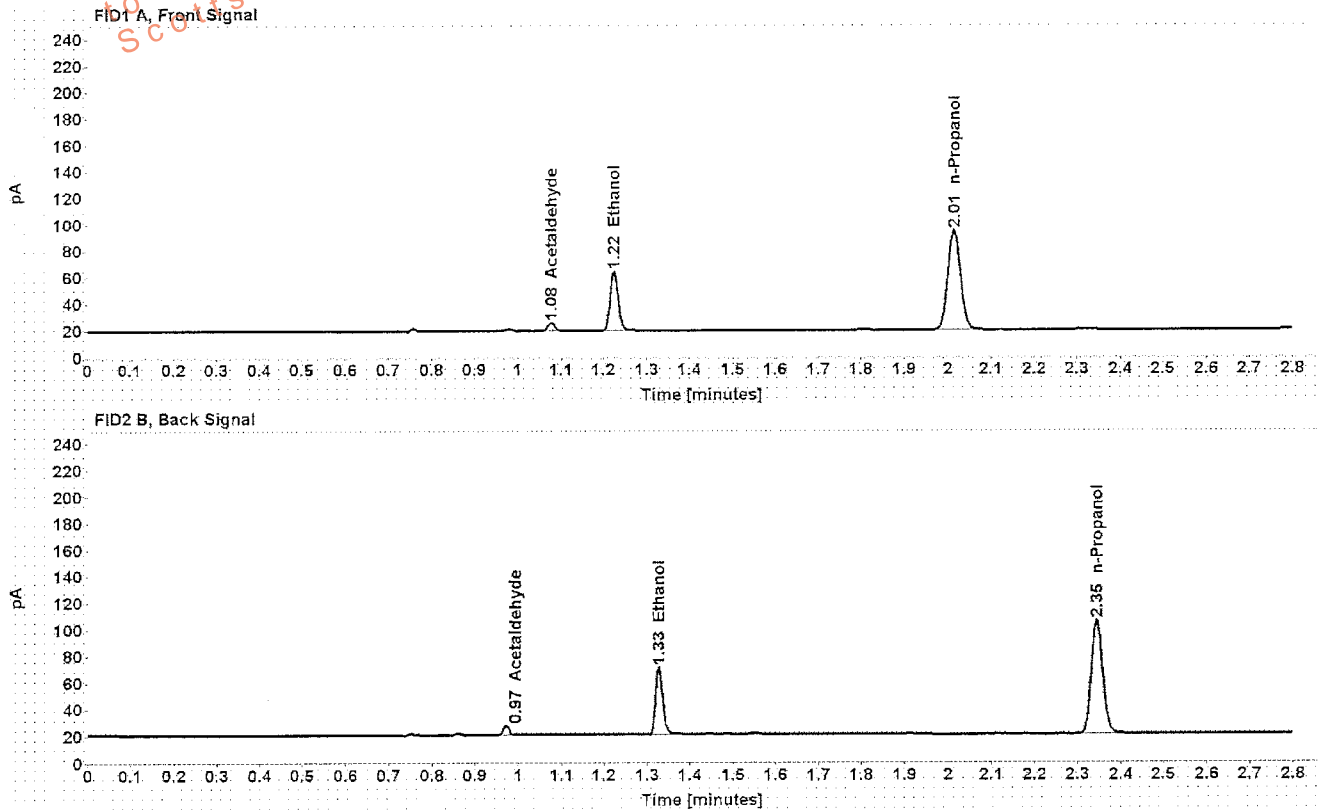


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	6.259
>Ethanol	0.1003	1.225	57.064
n-Propanol	-----	2.015	153.121

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	6.699
Ethanol	1.328	58.919
n-Propanol	2.345	158.660

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1051668
Injection date: 3/22/2017 4:56:26 PM	Vial: 68
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\11\Data\22Mar17\68.D	

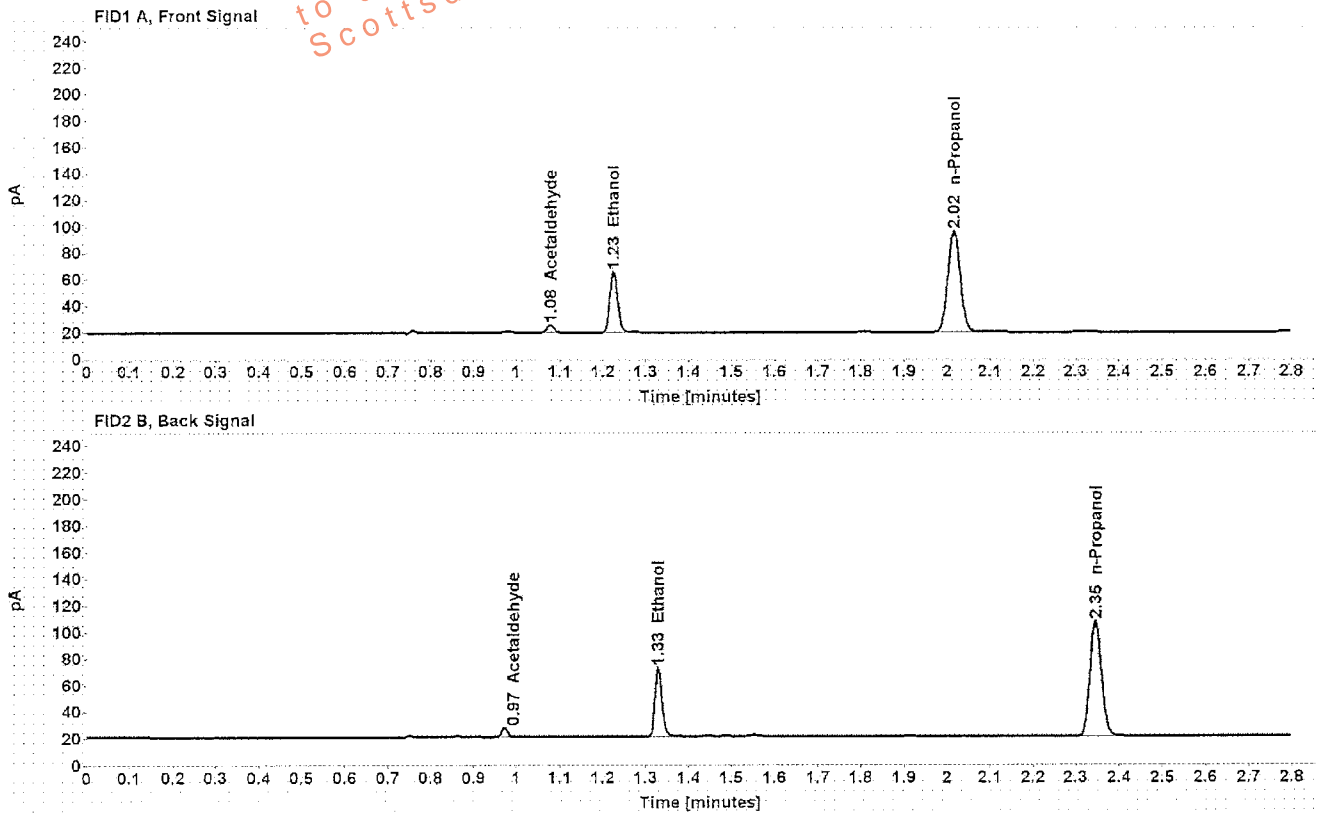


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	6.254
>Ethanol	0.1005	1.225	58.501
n-Propanol	-----	2.015	156.656

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	6.642
Ethanol	1.329	60.326
n-Propanol	2.346	161.630

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4073693
Injection date: 3/22/2017 5:00:26 PM	Vial: 69
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\69.D	

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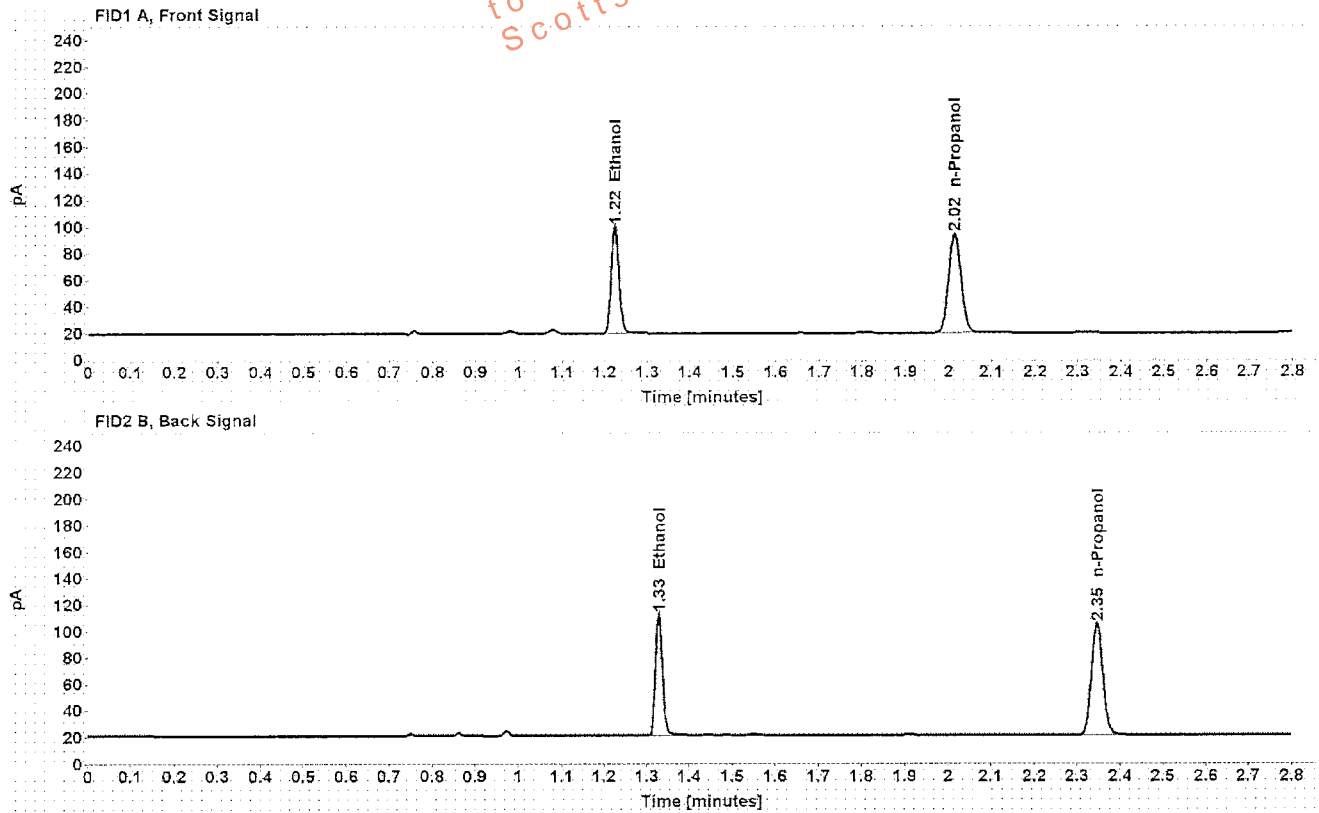


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1804	1.225	103.058
n-Propanol	----	2.015	151.506

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

Compound	Time (min)	Peak Area
Ethanol	1.328	106.873
n-Propanol	2.346	156.966

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1073693
Injection date: 3/22/2017 5:04:25 PM	Vial: 70
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\70.D	

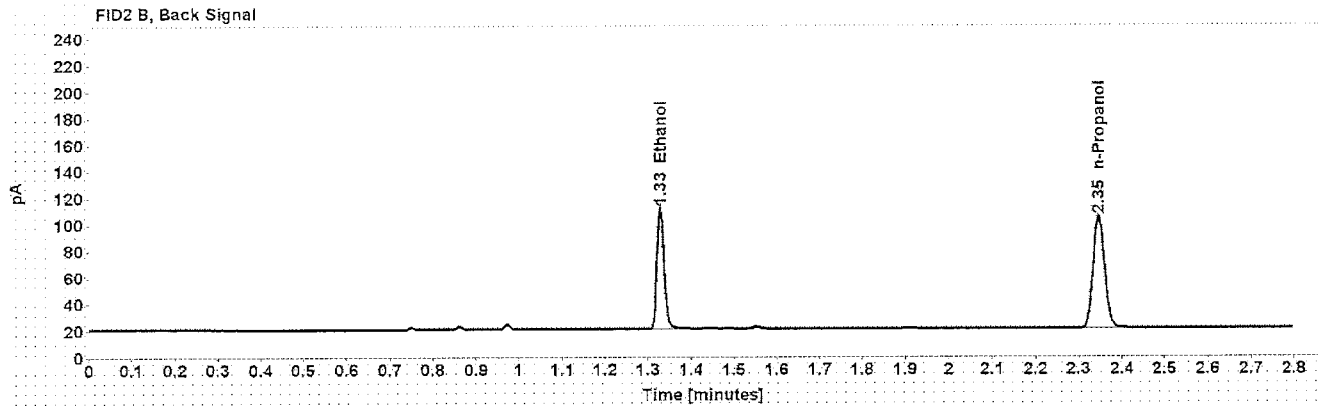
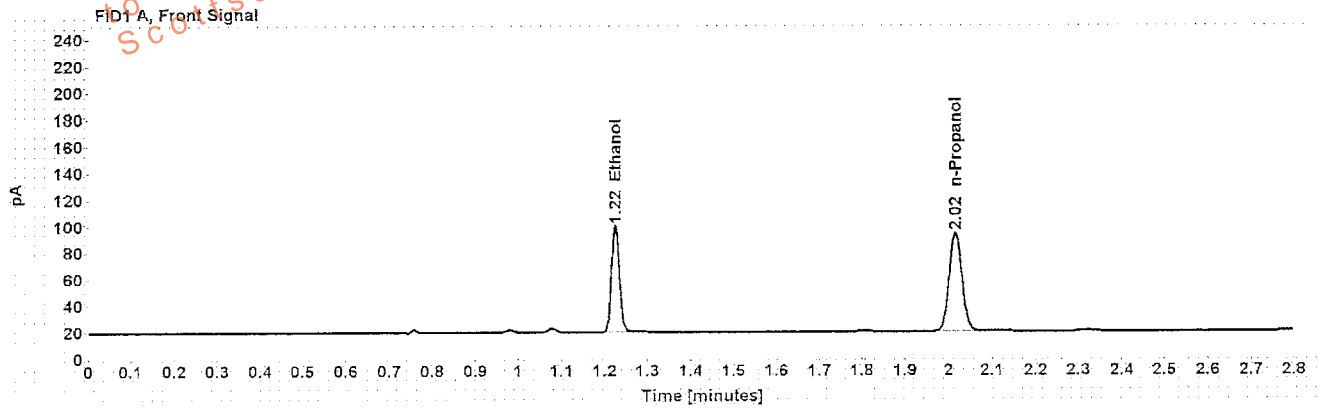


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1788	1.225	102.862
n-Propanol	-----	2.015	152.523

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

Compound	Time (min)	Peak Area
Ethanol	1.328	106.620
n-Propanol	2.346	157.388

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1075165
Injection date: 3/22/2017 5:08:26 PM	Vial: 71
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\71.D	

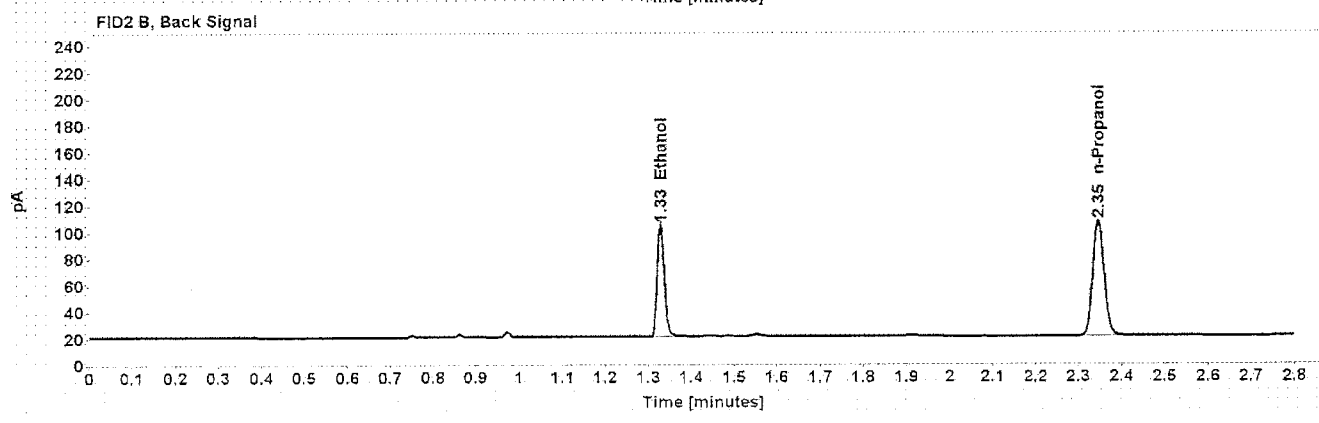
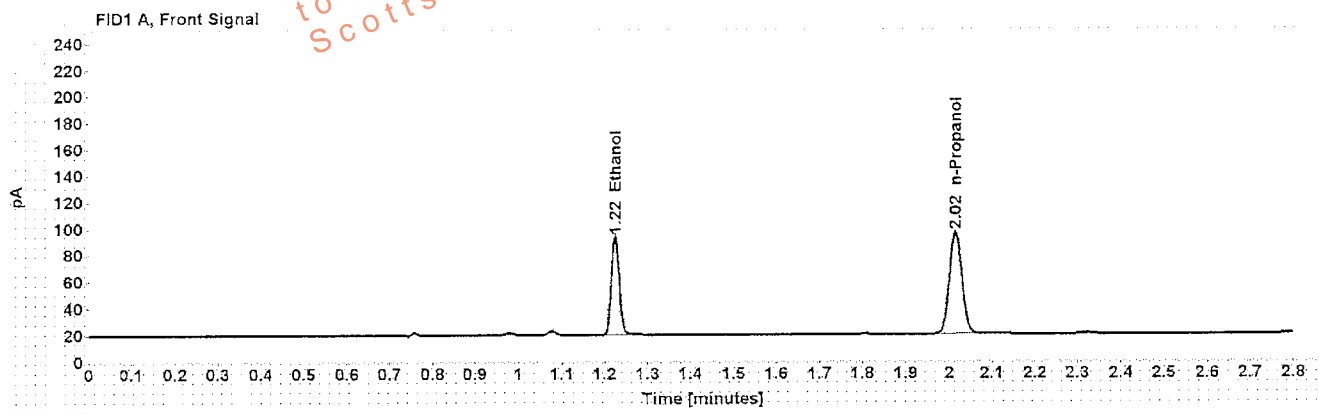


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1614	1.225	94.880
n-Propanol	-----	2.015	156.241

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

Compound	Time (min)	Peak Area
Ethanol	1.328	99.035
n-Propanol	2.346	161.776

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4075165
Injection date: 3/22/2017 5:12:26 PM	Vial: 72
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\72.D	

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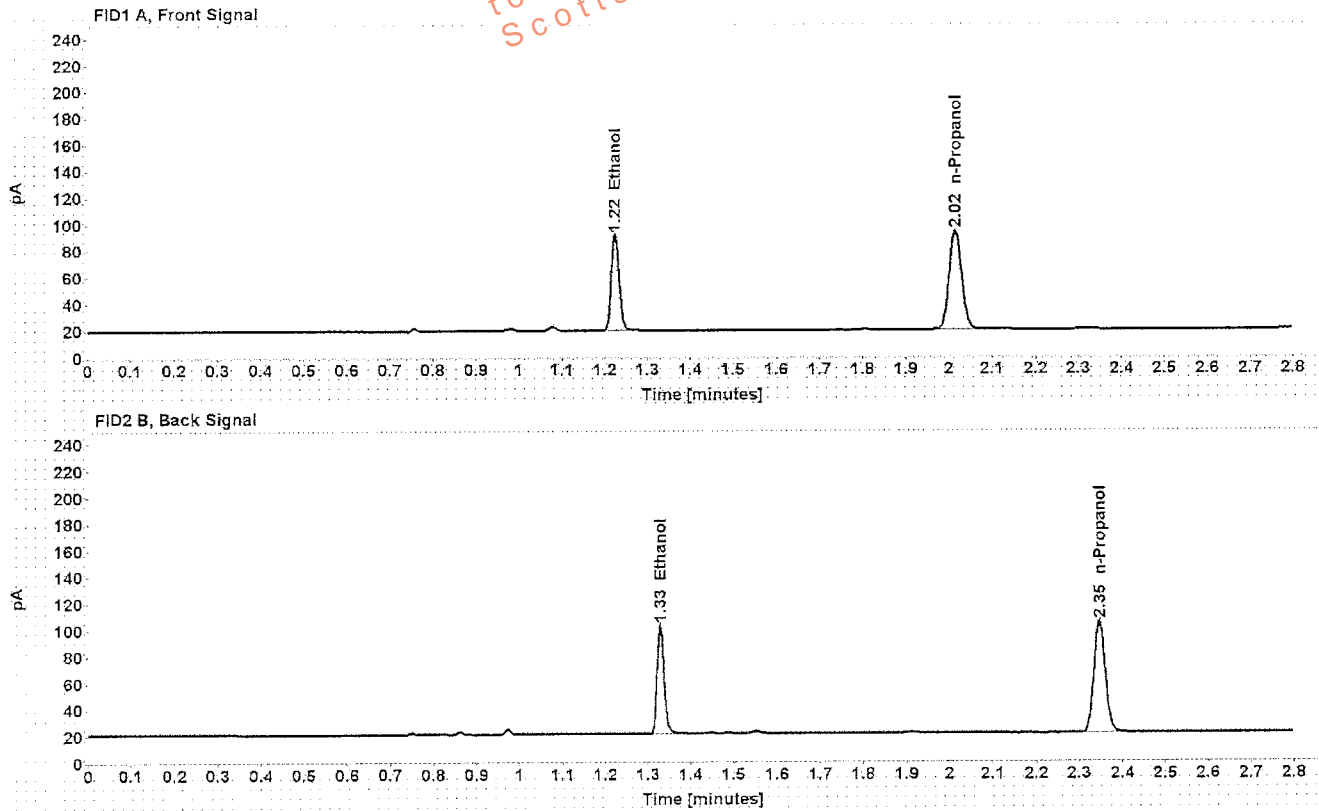


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1605	1.225	92.452
n-Propanol	-----	2.015	153.054

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

Compound	Time (min)	Peak Area
Ethanol	1.328	95.607
n-Propanol	2.346	157.488

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1084792
Injection date: 3/22/2017 5:16:41 PM	Vial: 73
Method: ethanal quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem321\Data\22Mar17\73.D	

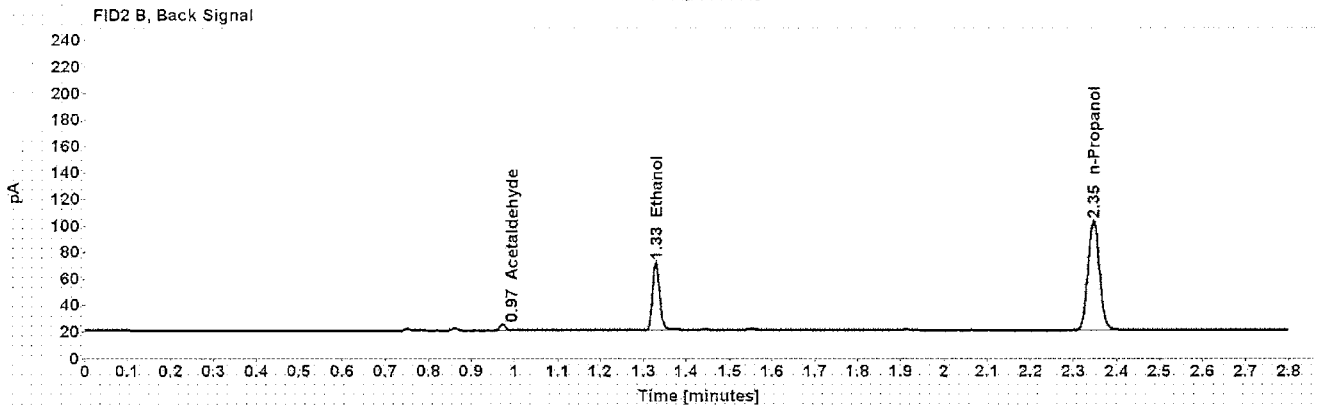
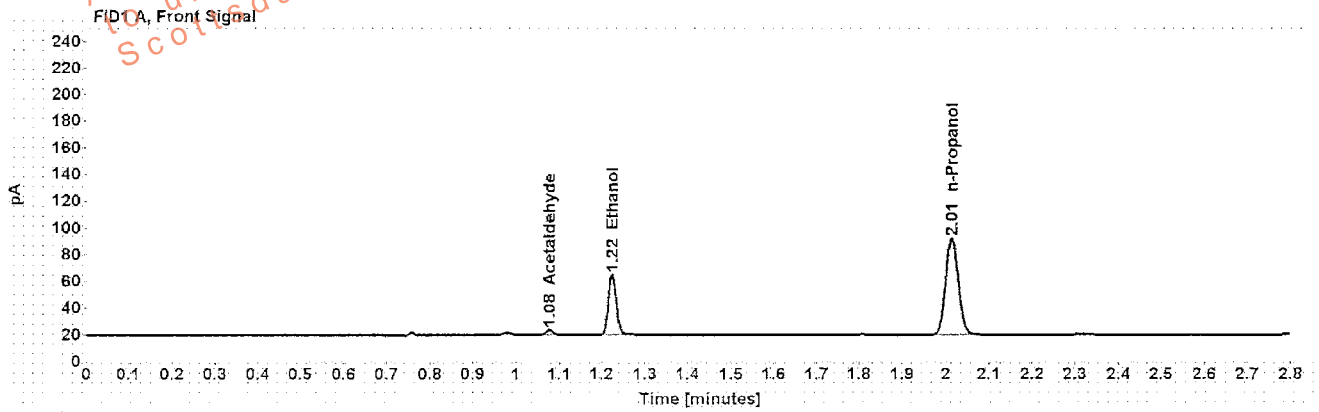


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.978
>Ethanol	0.1053	1.225	58.072
n-Propanol	-----	2.015	148.149

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.248
Ethanol	1.328	59.916
n-Propanol	2.345	153.471

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1084792
Injection date: 3/22/2017 5:20:41 PM	Vial: 74
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\74.D	

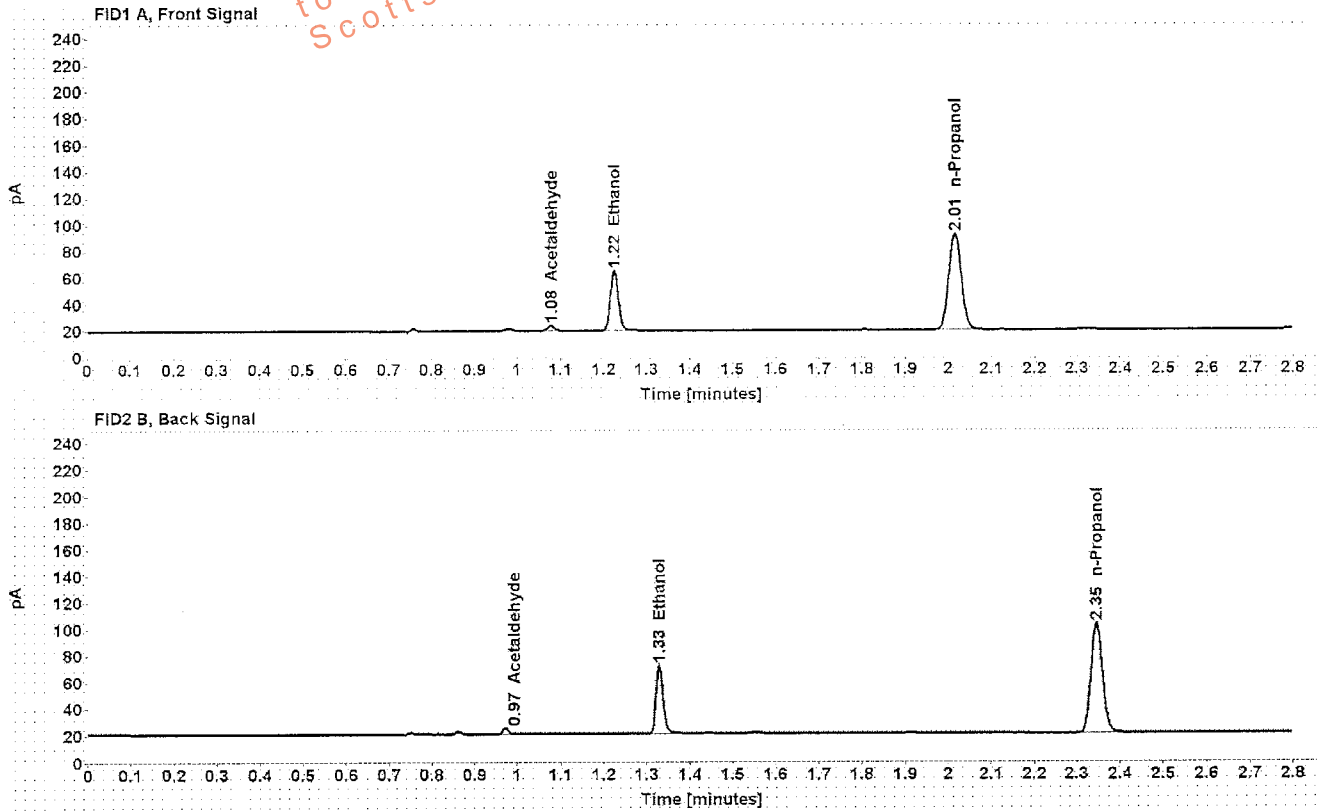


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.040
>Ethanol	0.1056	1.225	58.292
n-Propanol	-----	2.015	148.239

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.313
Ethanol	1.328	60.169
n-Propanol	2.346	153.590

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1117838
Injection date: 3/22/2017 5:28:41 PM	Vial: 76
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\76.D	

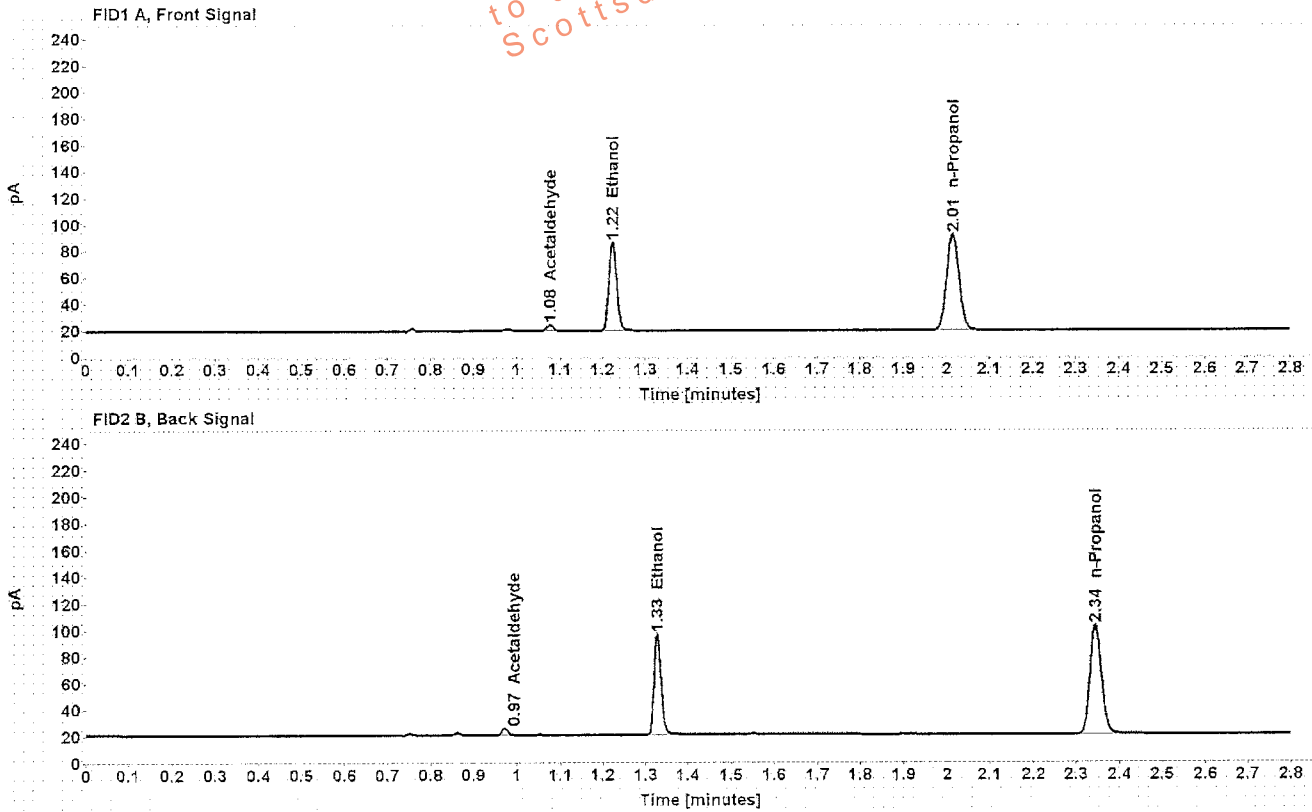


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.631
>Ethanol	0.1541	1.224	85.900
n-Propanol	-----	2.014	148.276

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.941
Ethanol	1.327	88.567
n-Propanol	2.345	153.534

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1117838
Injection date: 3/22/2017 5:32:41 PM	Vial: 77
Method: ethanol quant M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\77.D	

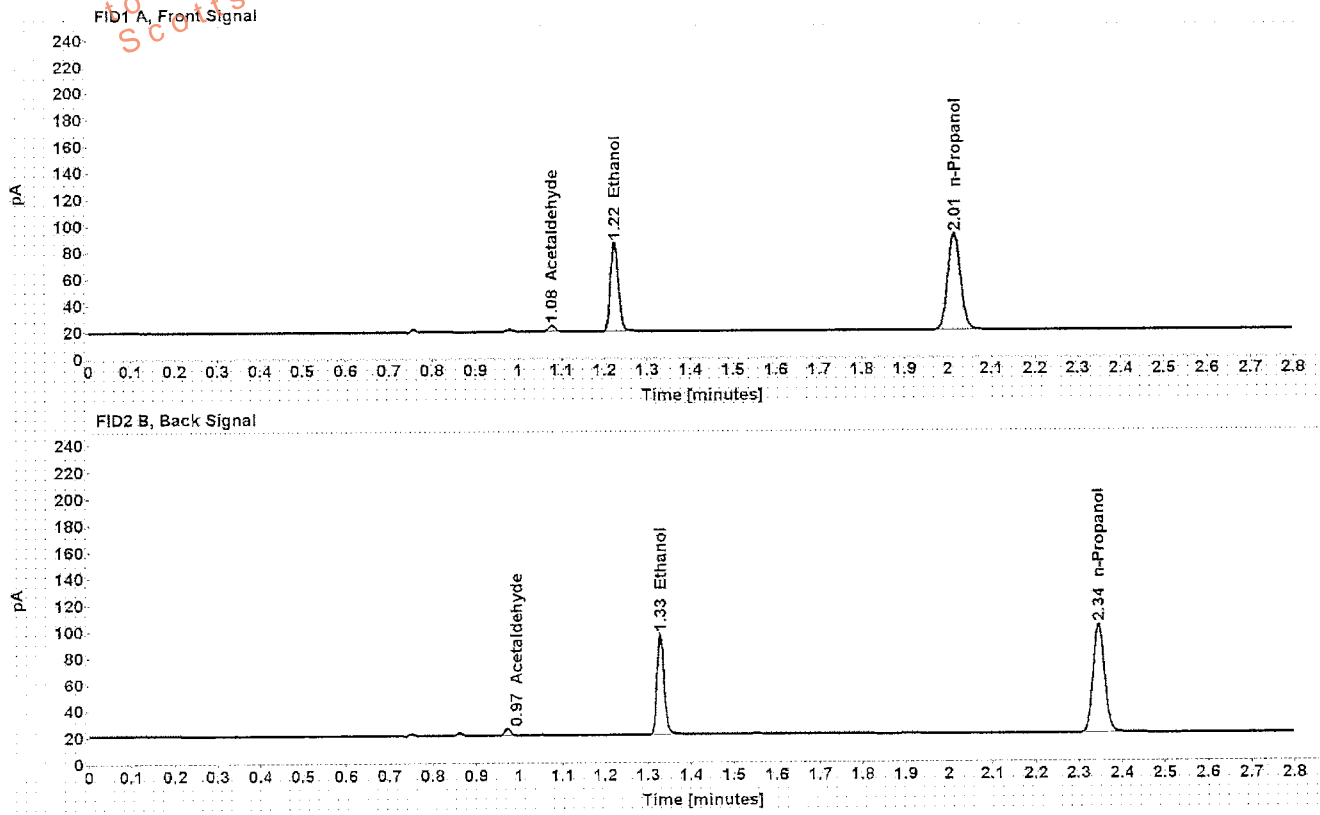


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.595
>Ethanol	0.1542	1.224	85.731
n-Propanol	-----	2.014	147.891

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.875
Ethanol	1.327	88.543
n-Propanol	2.345	152.834

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1079168
Injection date: 3/22/2017 5:36:41 PM	Vial: 78
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 GN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\78.D	

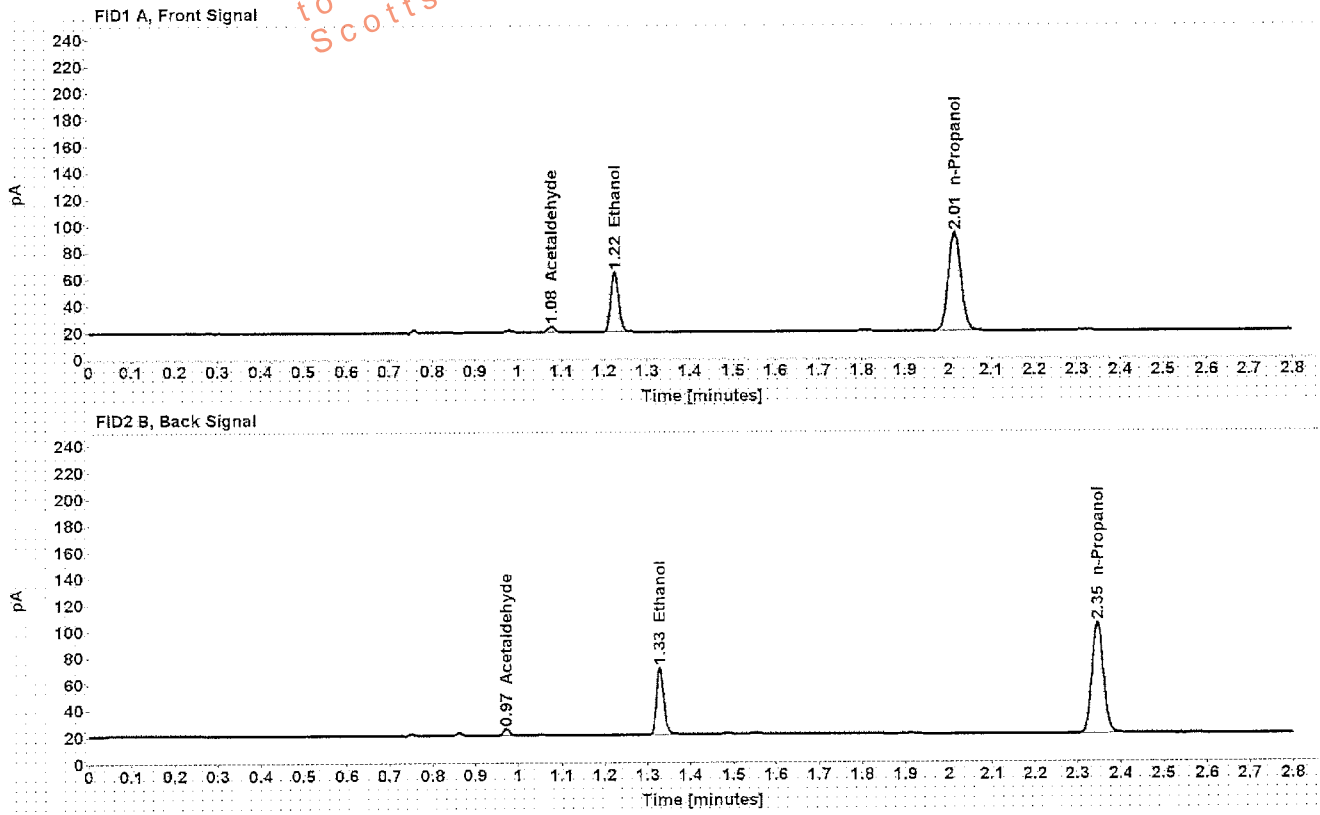


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.500
>Ethanol	0.1030	1.225	57.863
n-Propanol	-----	2.015	151.037

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.784
Ethanol	1.328	59.803
n-Propanol	2.345	156.181

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4079168
Injection date: 3/22/2017 5:40:56 PM	Vial: 79
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\79.D	

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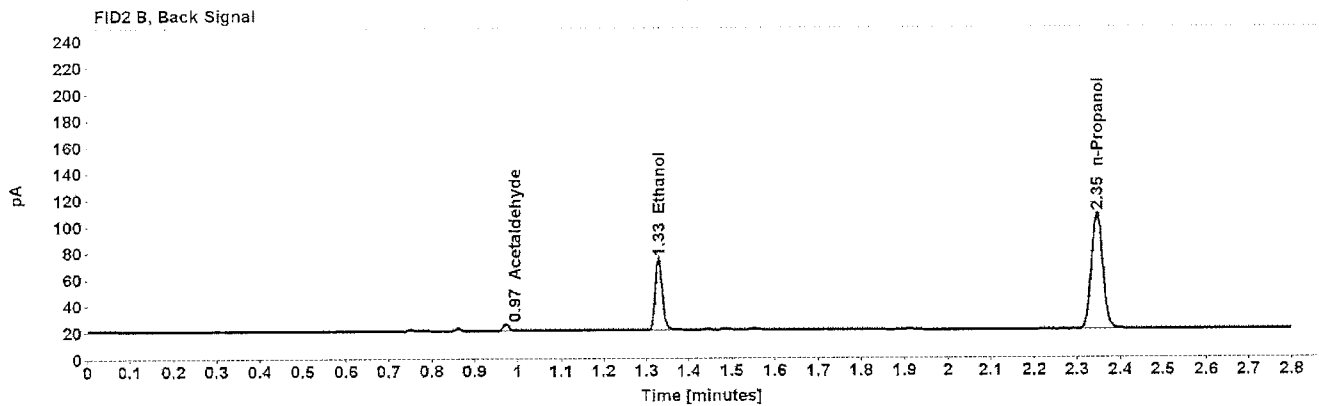
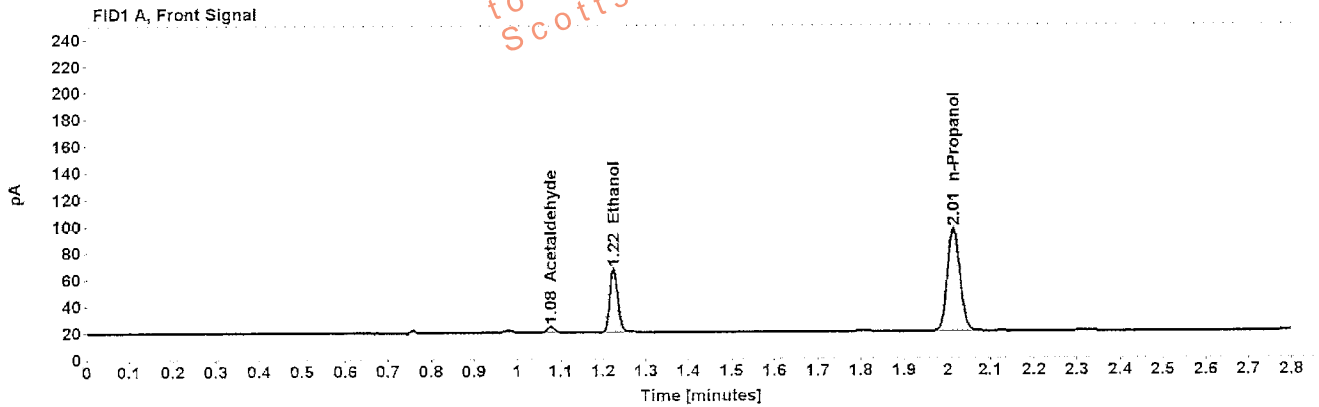


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.621
>Ethanol	0.1043	1.225	61.012
n-Propanol	-----	2.015	157.176

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.948
Ethanol	1.328	62.906
n-Propanol	2.346	162.927

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1115227
Injection date: 3/22/2017 5:44:56 PM	Vial: 80
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\80.D	

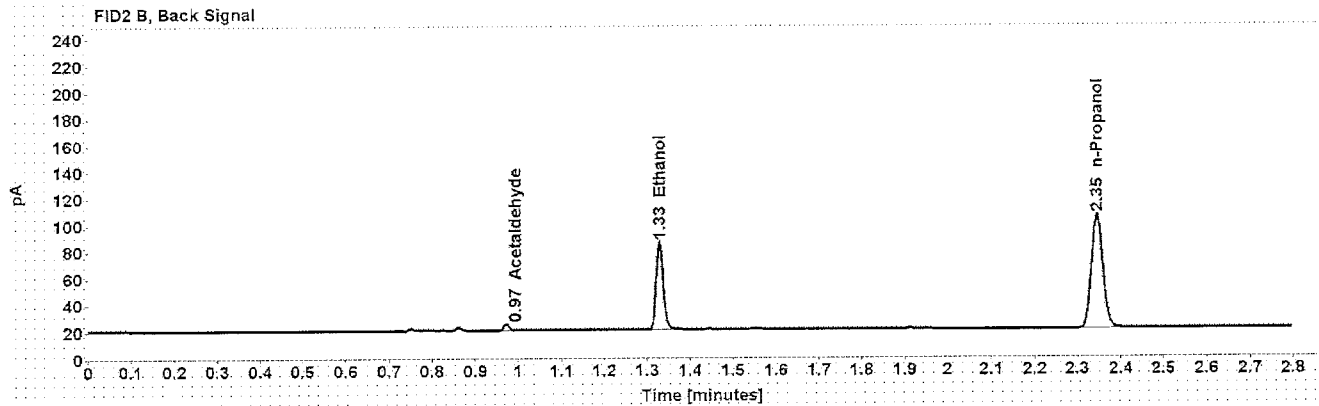
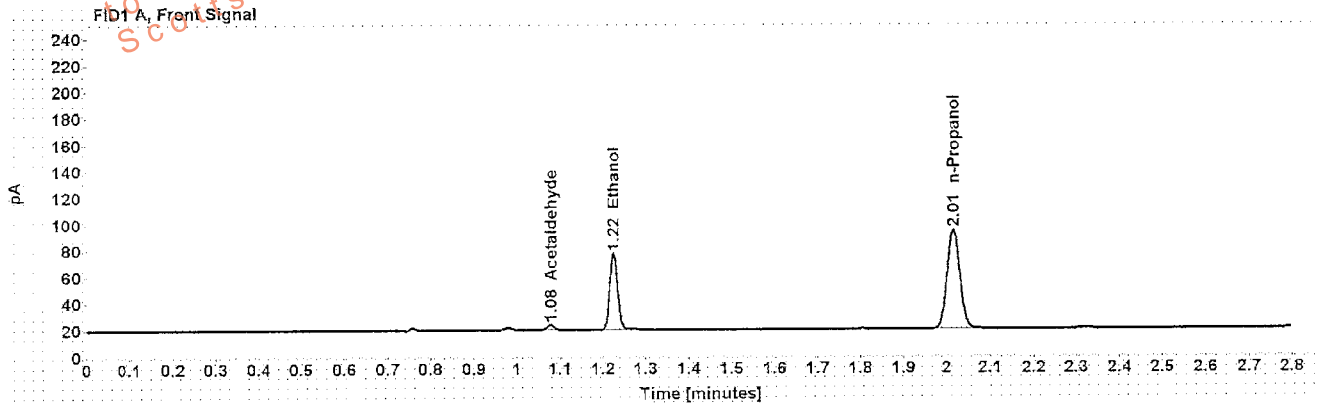


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.054
>Ethanol	0.1297	1.225	74.243
n-Propanol	-----	2.015	152.875

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.329
Ethanol	1.328	76.726
n-Propanol	2.346	158.511

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1115227
Injection date: 3/22/2017 5:48:56 PM	Vial: 81
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 GN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\81.D	

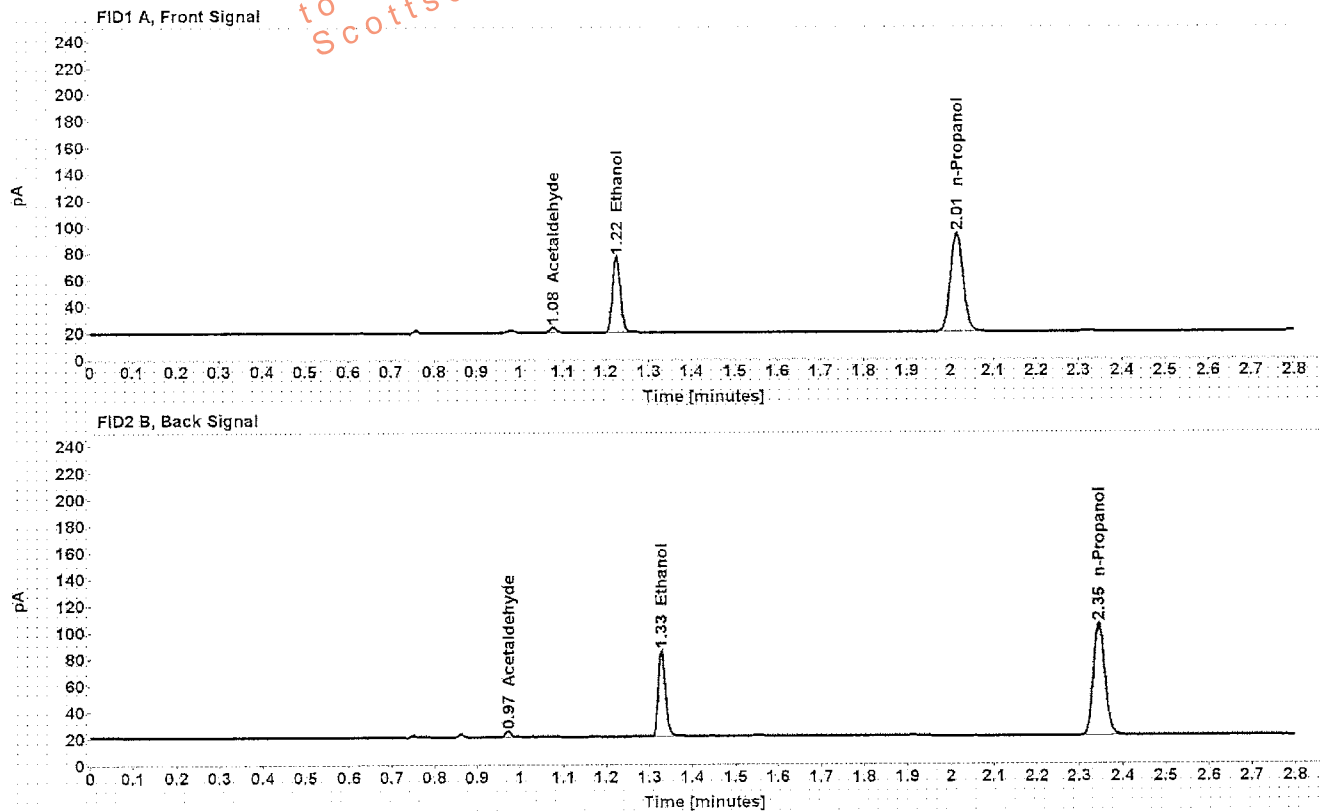


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.988
>Ethanol	0.1293	1.225	73.381
n-Propanol	-----	2.015	151.537

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.231
Ethanol	1.328	75.780
n-Propanol	2.346	156.960

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4079653
Injection date: 3/22/2017 5:52:56 PM	Vial: 82
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\82.D	

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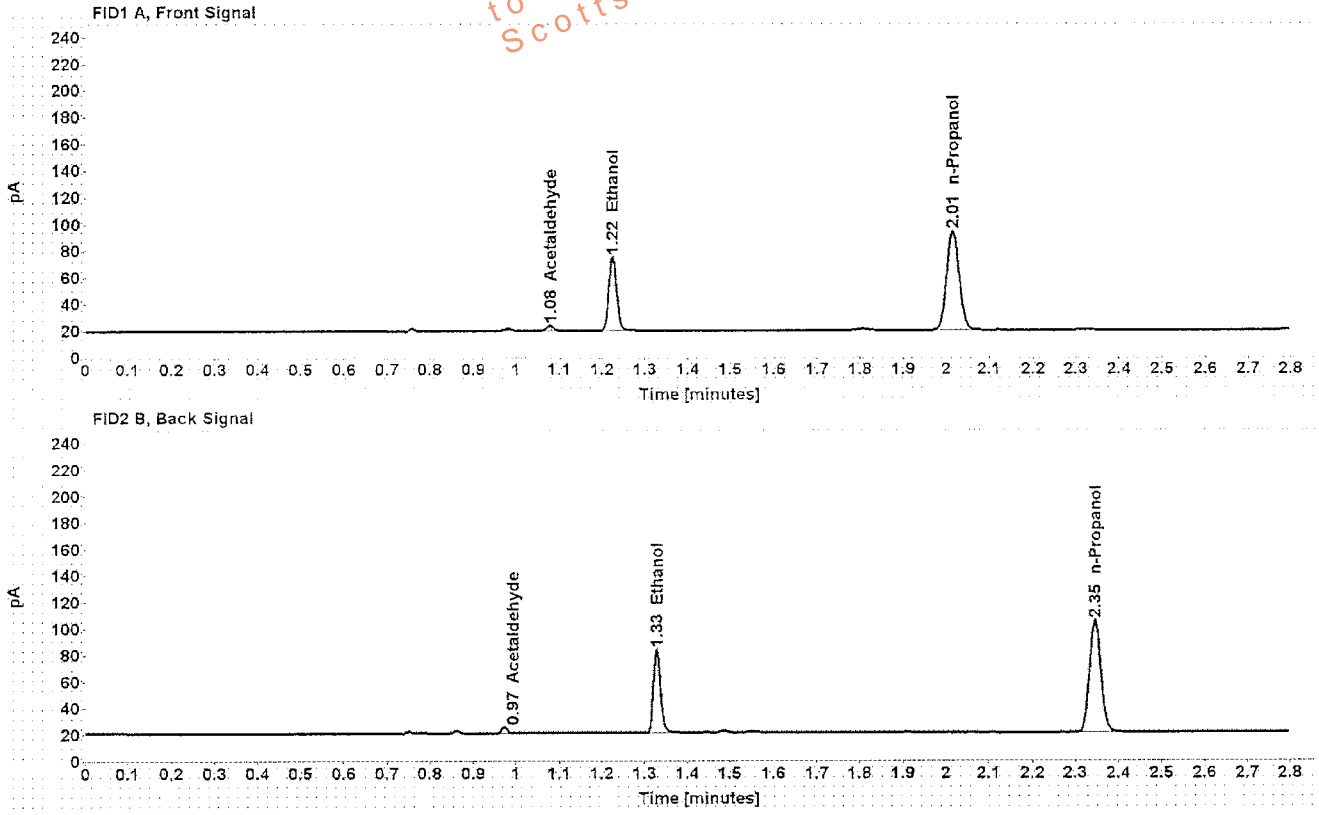


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.224
>Ethanol	0.1257	1.225	71.274
n-Propanol	-----	2.015	151.593

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.484
Ethanol	1.328	73.646
n-Propanol	2.346	157.486

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1079653
Injection date: 3/22/2017 5:56:56 PM	Vial: 83
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160046	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\83.D	

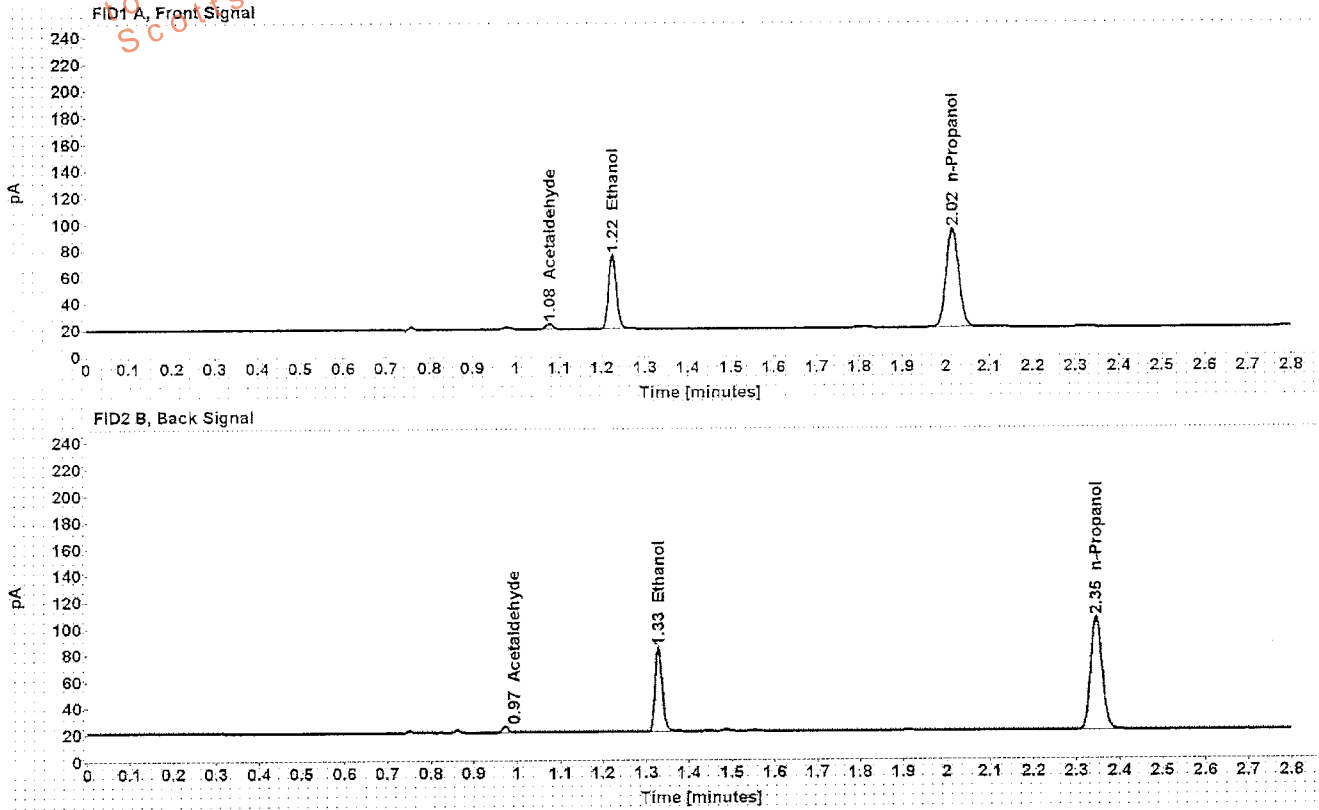


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.247
>Ethanol	0.1249	1.225	71.414
n-Propanol	-----	2.015	152.777

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.518
Ethanol	1.328	73.841
n-Propanol	2.346	158.189

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1085852
Injection date:	3/22/2017 6:00:56 PM	Vial:	84
Method:	ethanol quant.M	Sequence:	22Mar17
Instrument:	US14173023 GN14160045	Analyst:	Kosecki
Data file:	C:\Chem3211\Data\22Mar17\84.D		

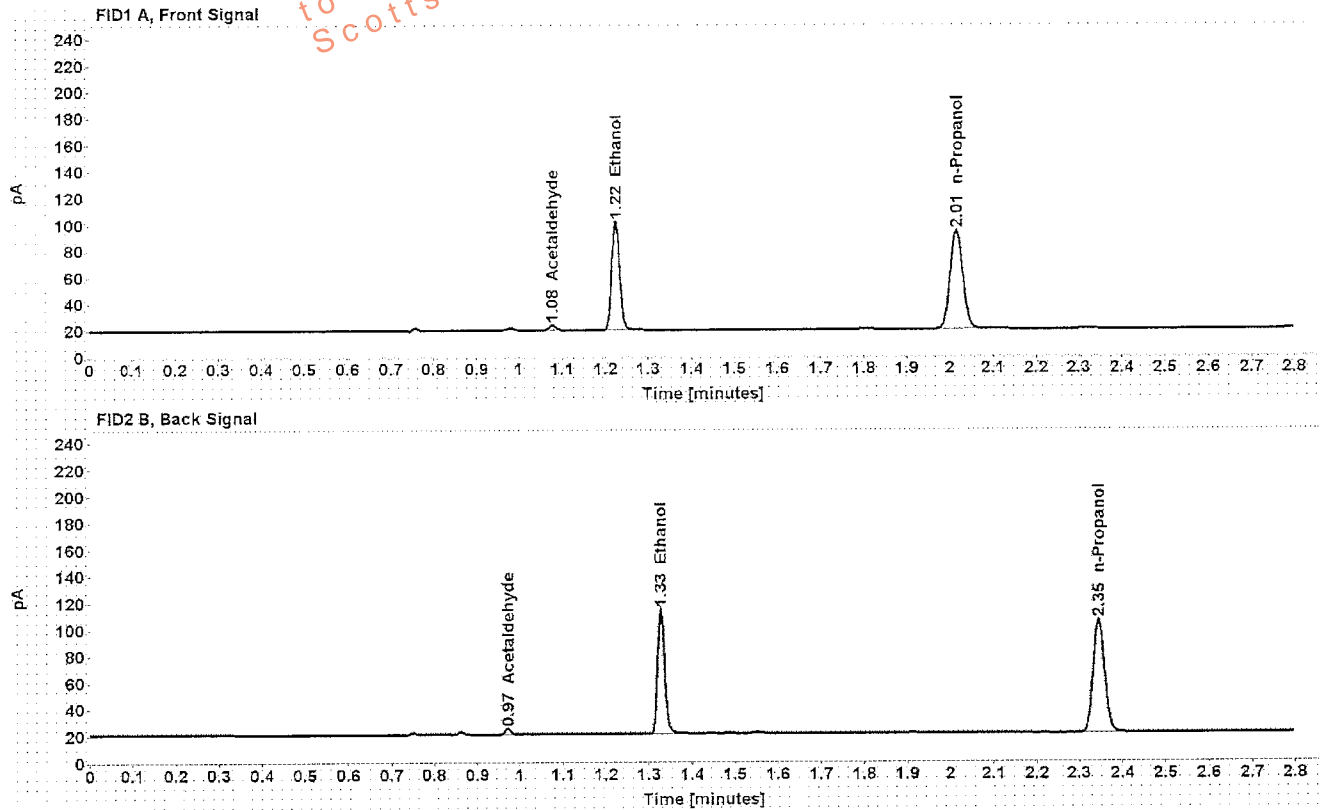


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.906
>Ethanol	0.1838	1.224	105.526
n-Propanol	-----	2.015	152.199

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.161
Ethanol	1.327	109.275
n-Propanol	2.345	157.655

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1085852
Injection date: 3/22/2017 6:05:11 PM	Vial: 85
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\85.D	

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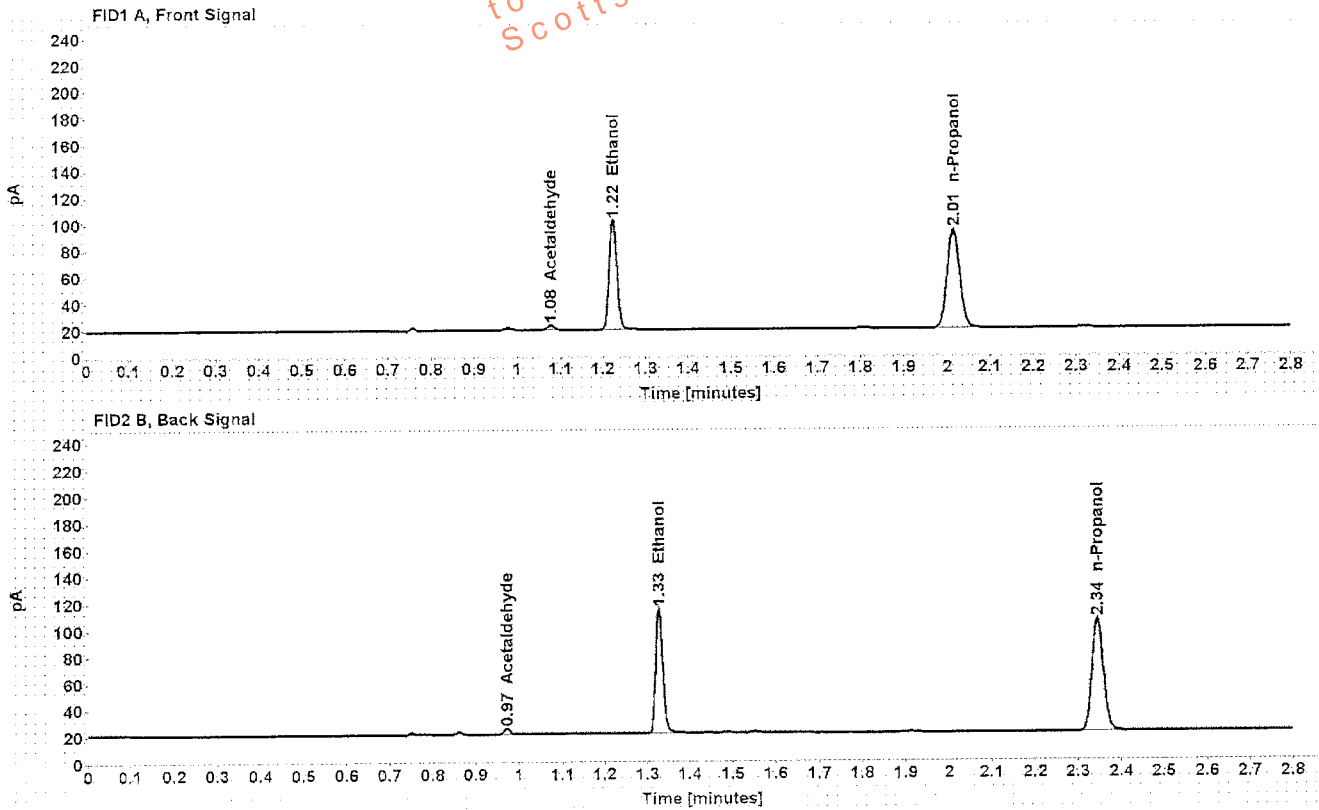


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.859
>Ethanol	0.1846	1.224	105.893
n-Propanol	-----	2.014	152.006

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	4.133
Ethanol	1.327	110.732
n-Propanol	2.345	157.659

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1118779
Injection date: 3/22/2017 6:13:10 PM	Vial: 87
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023.CN14160046	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\187.D	

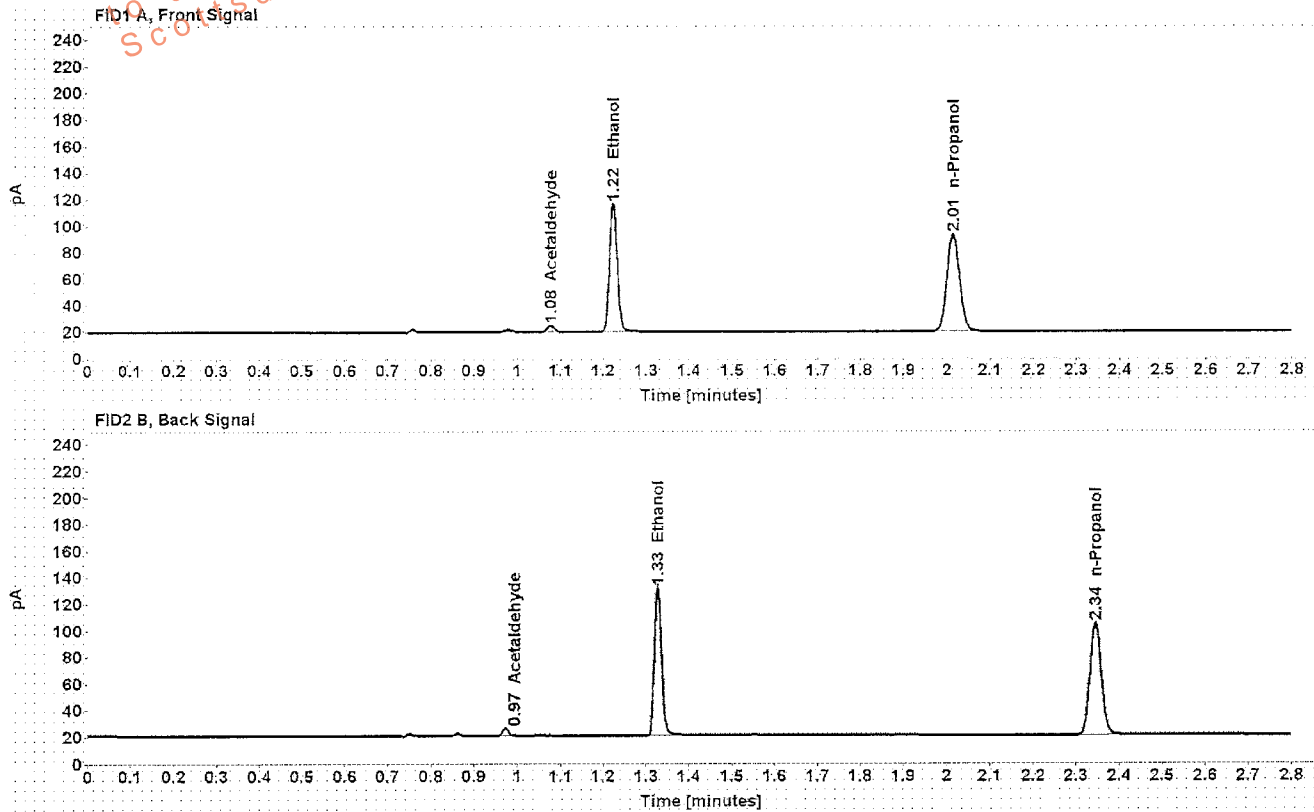


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.121
>Ethanol	0.2186	1.224	124.716
n-Propanol	-----	2.014	150.805

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.428
Ethanol	1.327	128.717
n-Propanol	2.345	156.116

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1103319
Injection date: 3/22/2017 6:21:11 PM	Vial: 89
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\89.D	

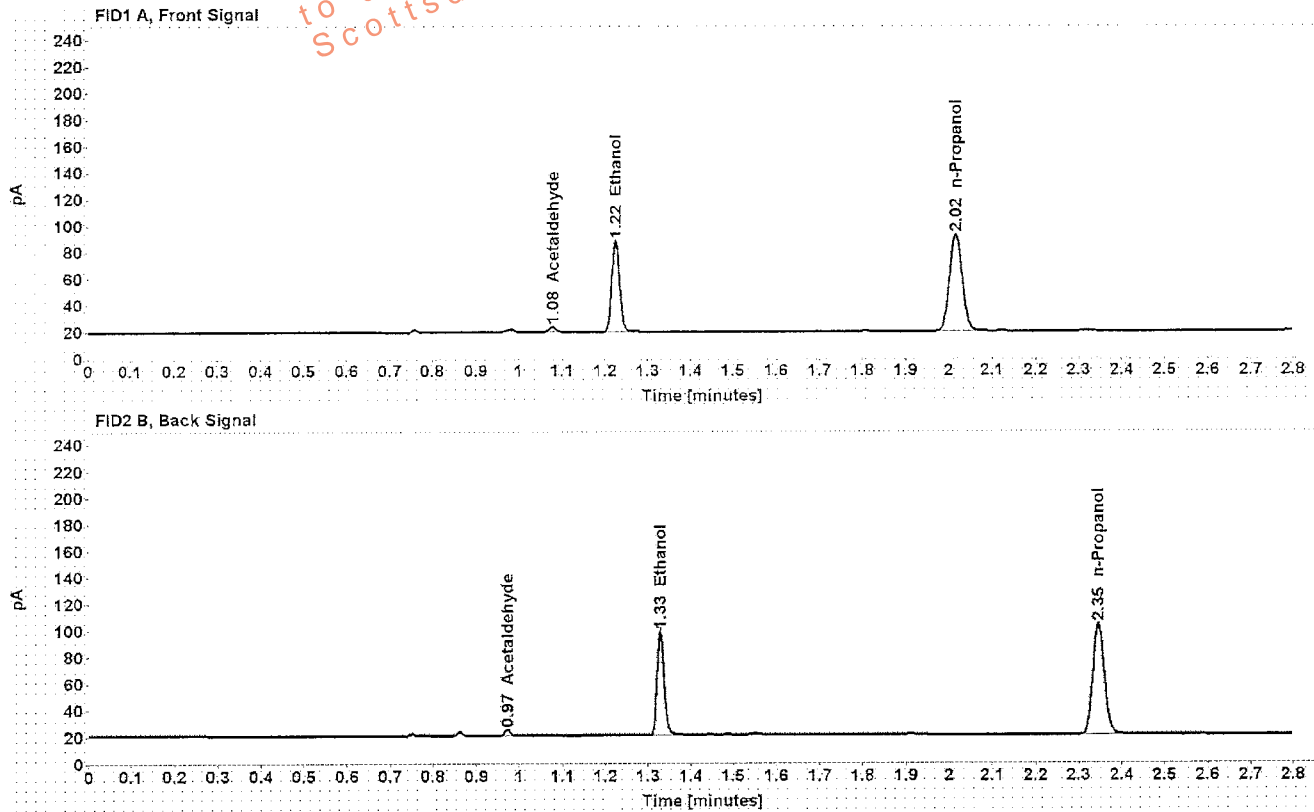


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.017
>Ethanol	0.1572	1.225	88.321
n-Propanol	-----	2.015	149.367

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.277
Ethanol	1.328	91.395
n-Propanol	2.346	154.798

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1103319
Injection date: 3/22/2017 6:25:11 PM	Vial: 90
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem321\1Data\22Mar17\90.D	

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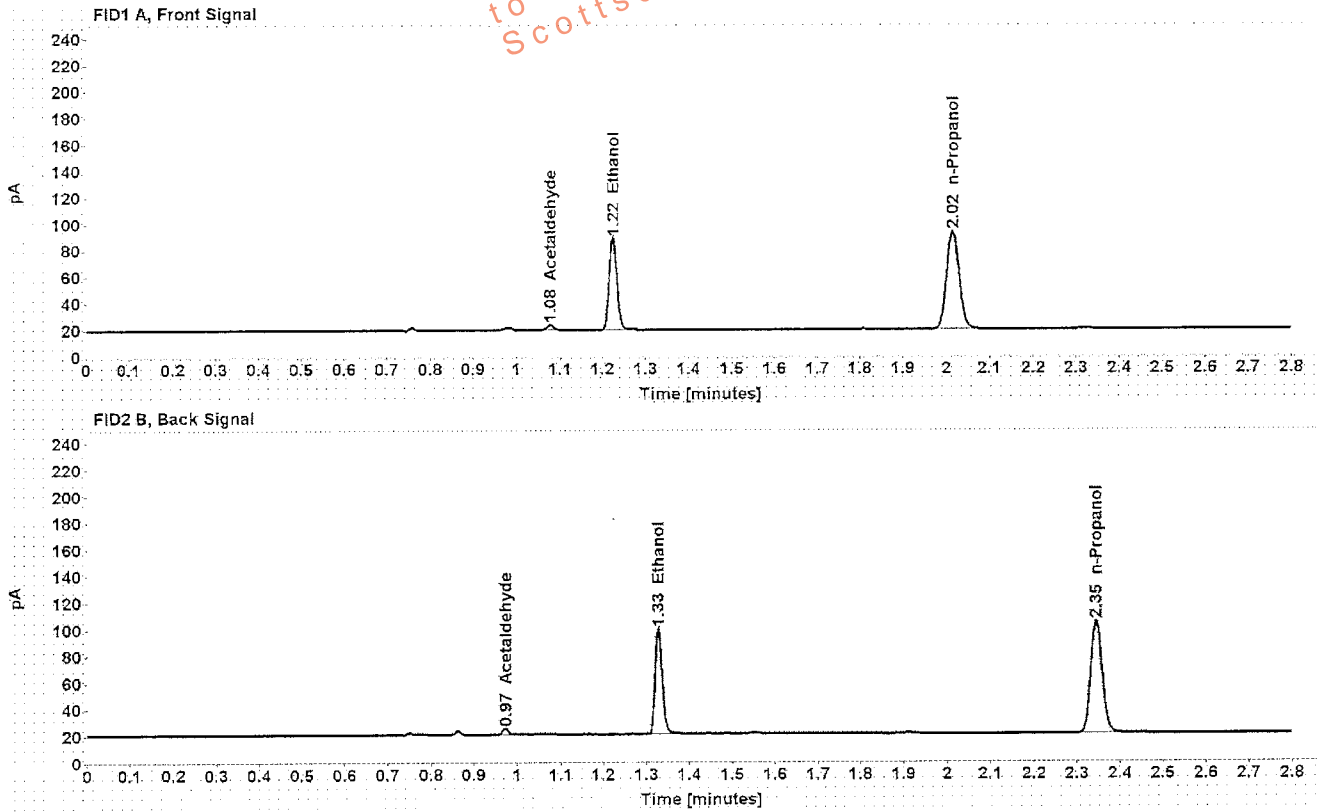


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.998
>Ethanol	0.1575	1.225	89.303
n-Propanol	-----	2.015	150.788

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.262
Ethanol	1.328	93.023
n-Propanol	2.346	156.464

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1087030
Injection date: 3/22/2017 6:29:25 PM	Vial: 91
Method: ethanol quant M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\91.D	

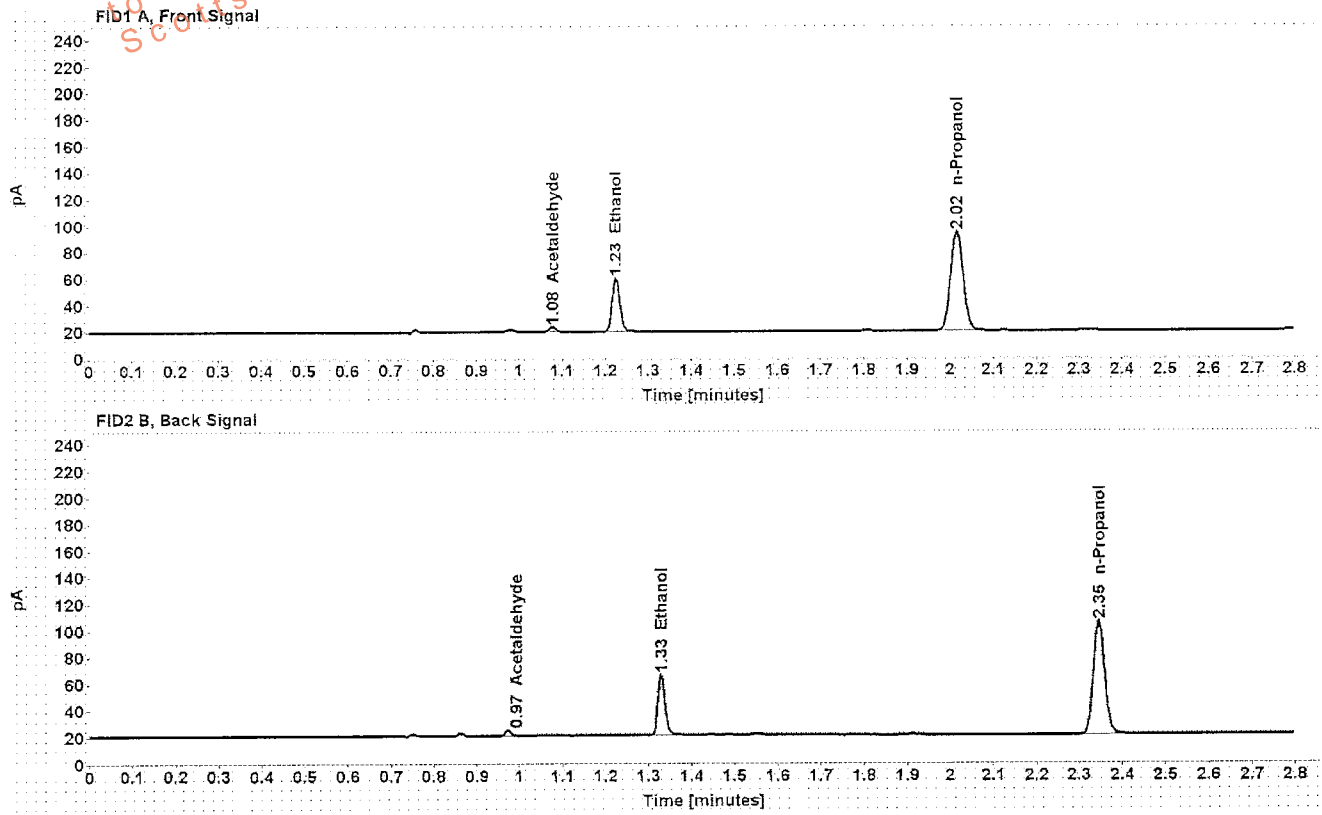


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.783
>Ethanol	0.0914	1.225	51.646
n-Propanol	-----	2.015	152.423

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.060
Ethanol	1.329	53.361
n-Propanol	2.346	158.054

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1087030
Injection date: 3/22/2017 6:33:26 PM	Vial: 92
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
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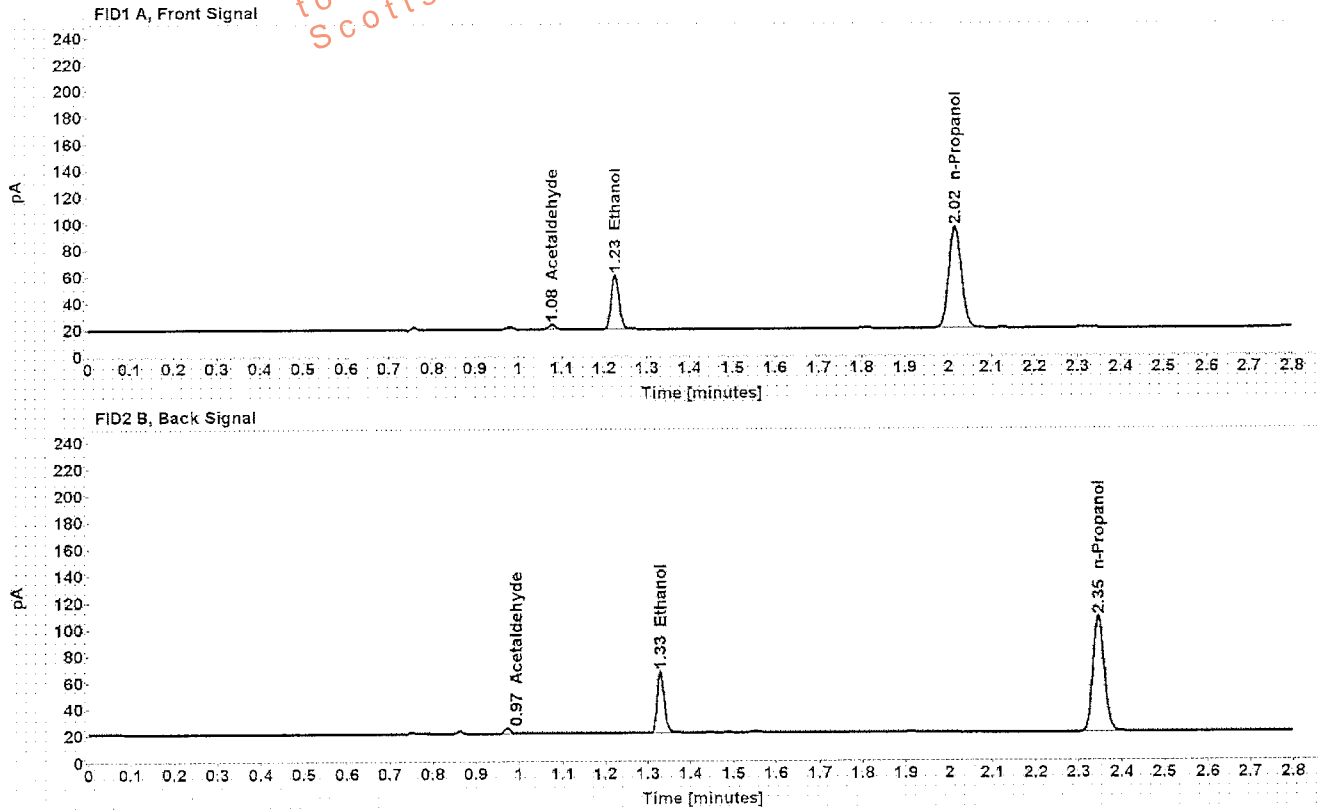


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	3.804
>Ethanol	0.0911	1.225	52.565
n-Propanol	-----	2.015	155.728

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.041
Ethanol	1.329	54.377
n-Propanol	2.346	161.641

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1118779
Injection date: 3/22/2017 6:17:11 PM	Vial: 88
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\88.D	

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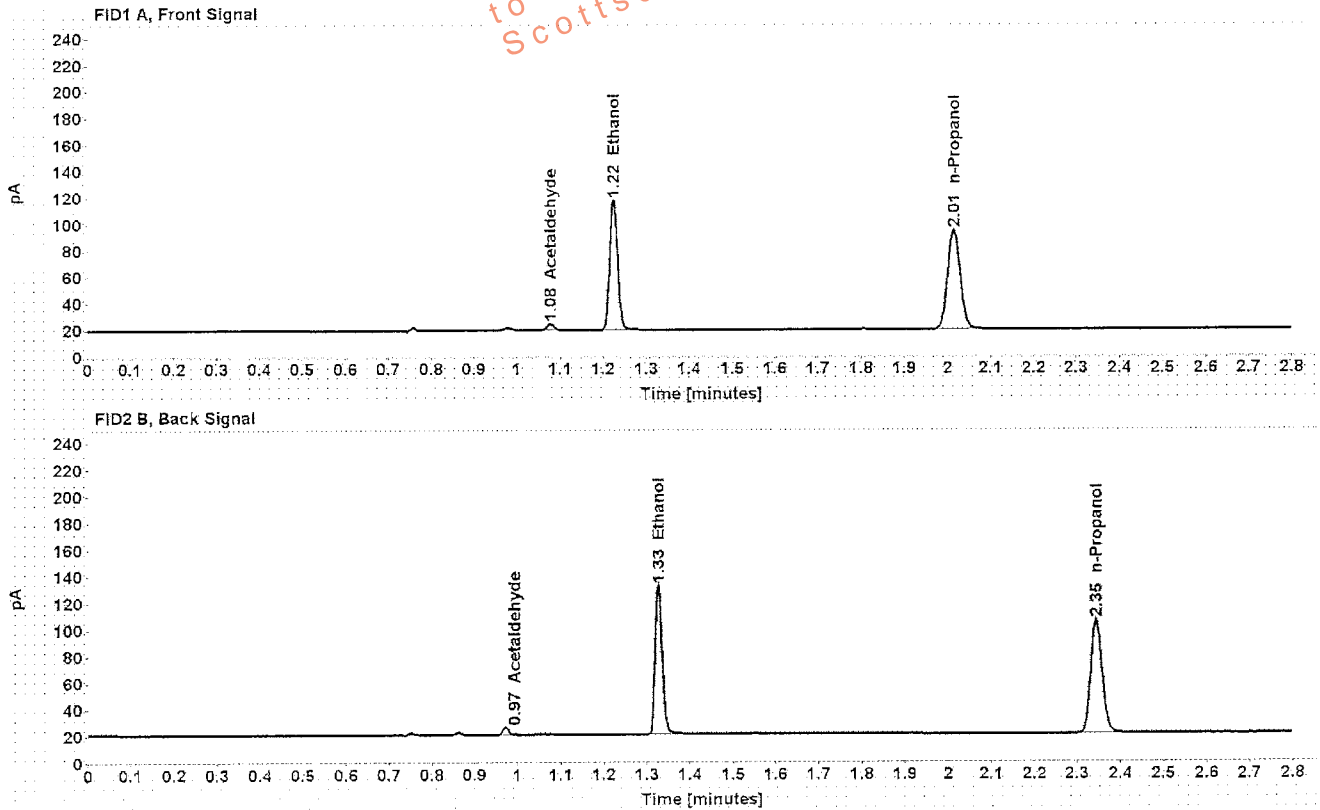


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.127
>Ethanol	0.2182	1.224	126.065
n-Propanol	-----	2.015	152.686

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.972	5.442
Ethanol	1.327	130.390
n-Propanol	2.345	158.156

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1091214
Injection date: 3/22/2017 6:37:25 PM	Vial: 93
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160046	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\93.D	

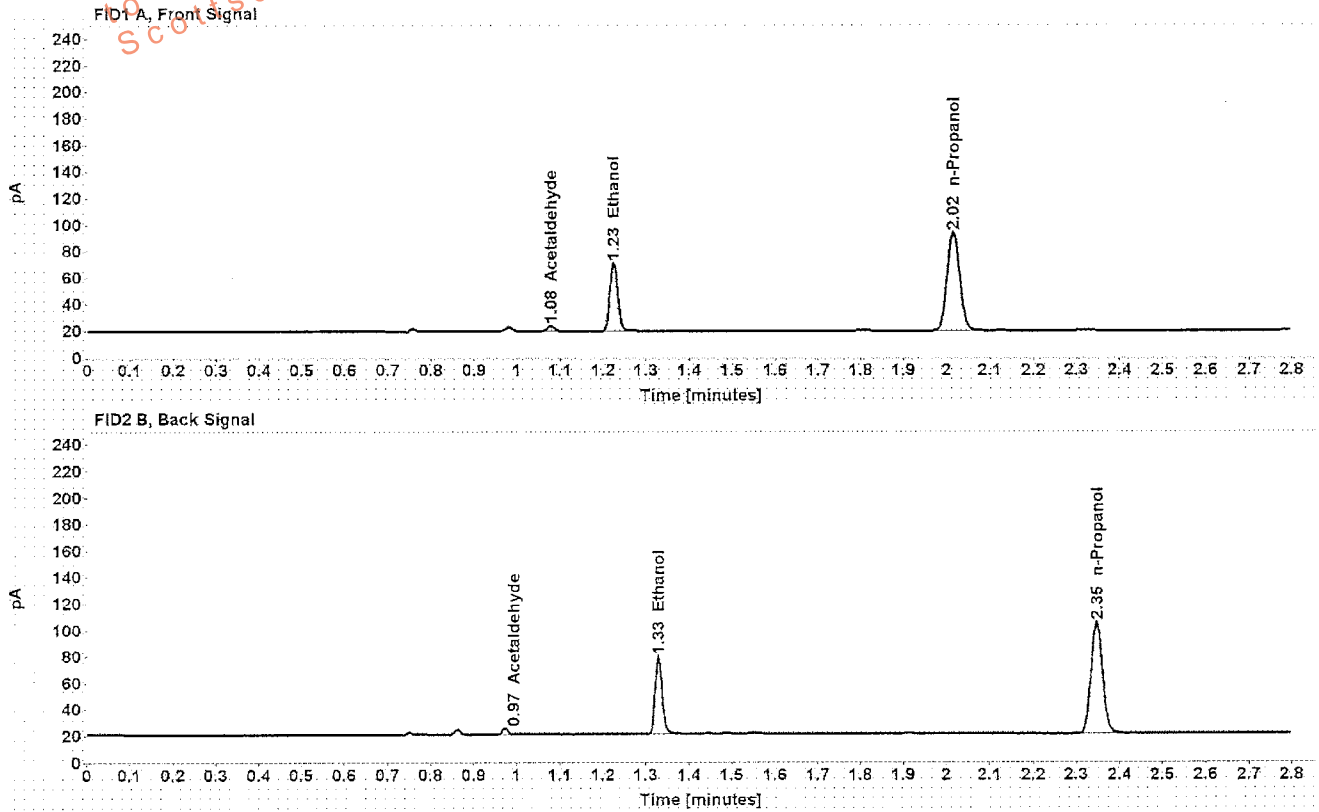


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.287
>Ethanol	0.1167	1.225	66.017
n-Propanol	-----	2.015	151.505

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.535
Ethanol	1.328	68.195
n-Propanol	2.346	157.122

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1091214
Injection date: 3/22/2017 6:41:26 PM	Vial: 94
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\94.D	

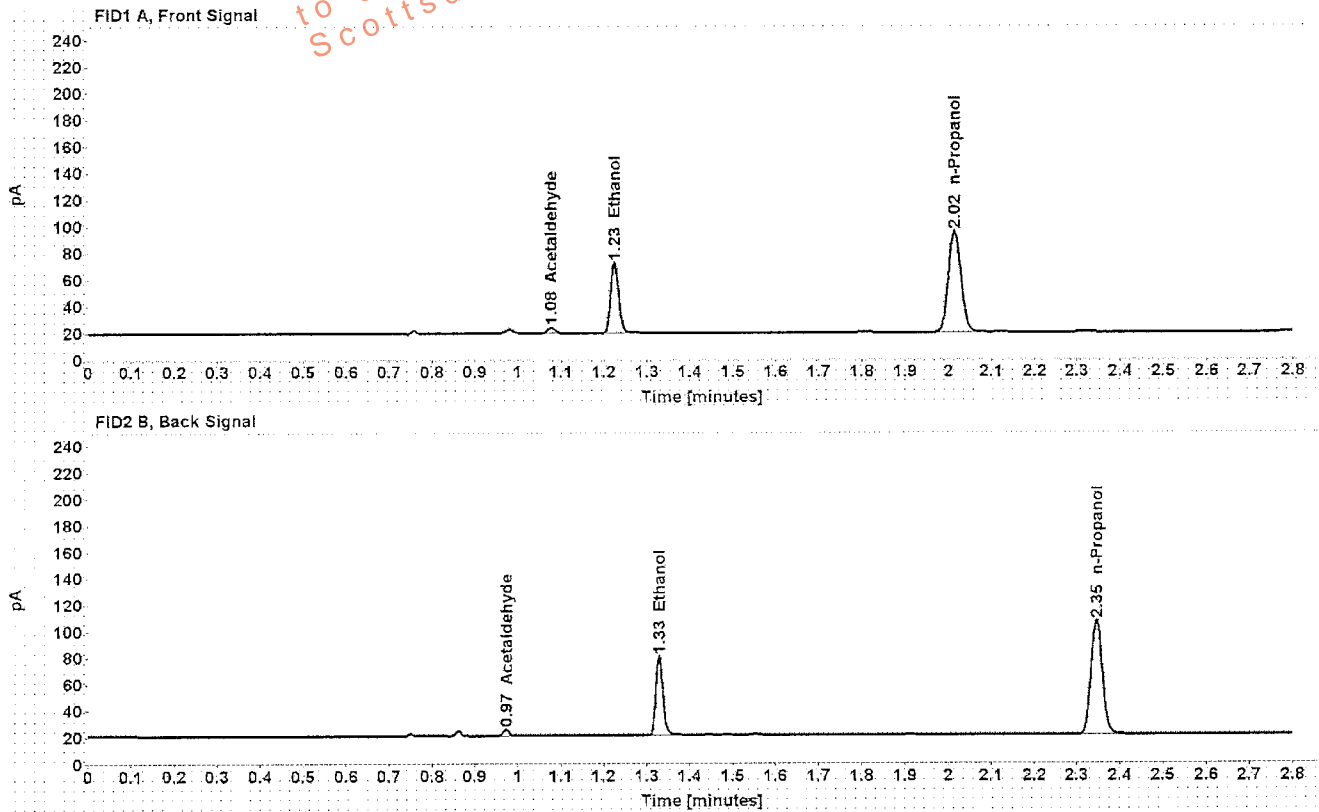


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.324
>Ethanol	0.1170	1.225	67.397
n-Propanol	-----	2.015	154.257

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.604
Ethanol	1.328	69.532
n-Propanol	2.346	160.085

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1097961
Injection date: 3/22/2017 6:45:26 PM	Vial: 95
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\22Mar17\95.D	

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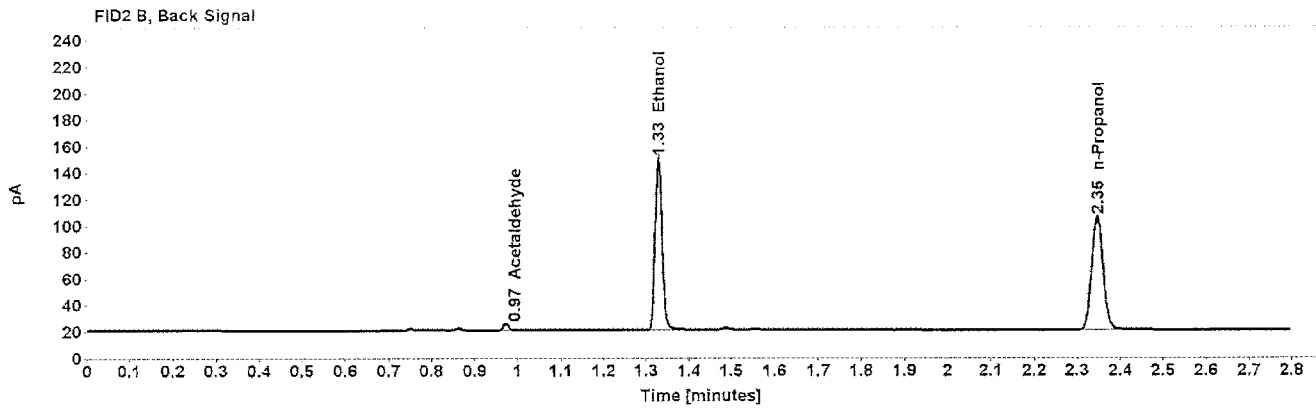
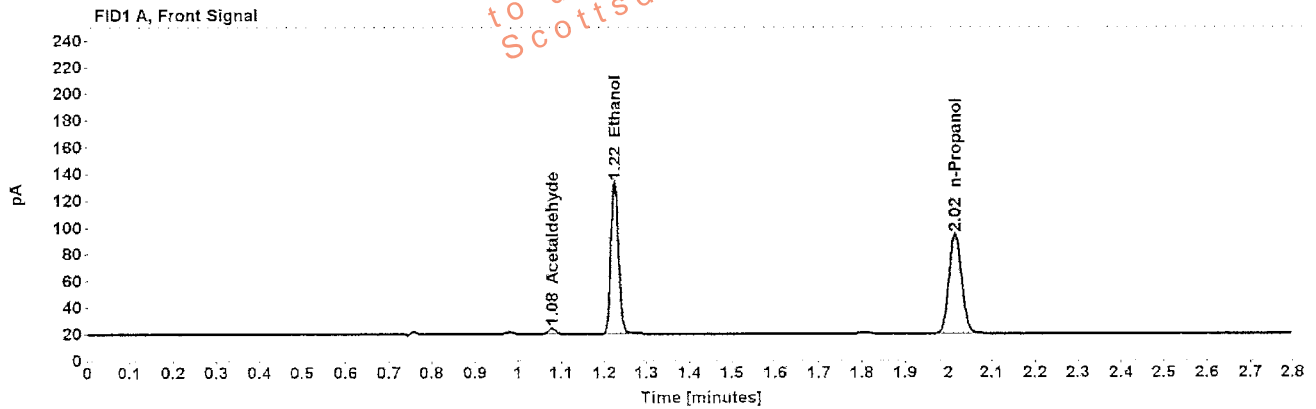


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.561
>Ethanol	0.2504	1.225	145.833
n-Propanol	-----	2.015	153.662

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	4.862
Ethanol	1.328	151.227
n-Propanol	2.346	159.134

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1097961
Injection date: 3/22/2017 6:49:26 PM	Vial: 96
Method: ethanol quant.M	Sequence: 22Mar17
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem3211\Data\22Mar17\96.D	

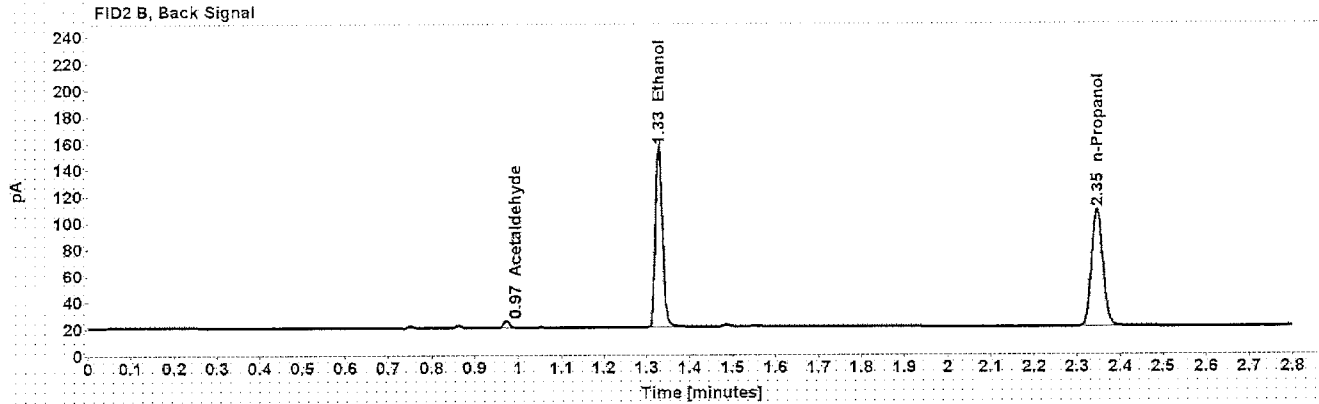
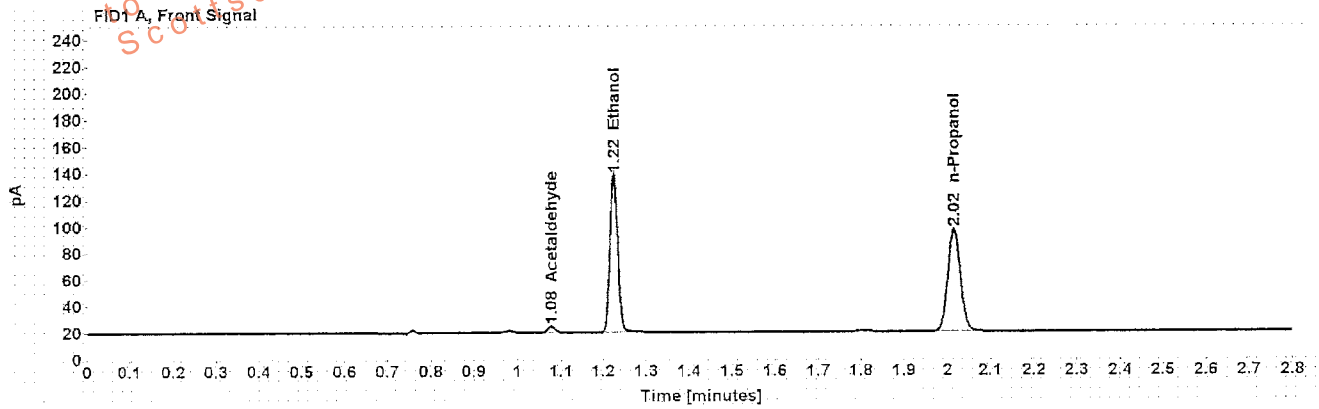


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.716
>Ethanol	0.2543	1.225	152.623
n-Propanol	-----	2.015	158.293

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.973	5.005
Ethanol	1.328	157.955
n-Propanol	2.346	163.733