

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 3/13/2018 SEQUENCE NAME 13Mar18

### EQUIPMENT

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

### INSTRUMENT CALIBRATION

Vial 1	0.02 calibrator	Lot <u>FN03241604</u>	Coefficient of determination ( $r^2$ )
Vial 2	0.10 calibrator	Lot <u>FN06181501</u>	<u>0.99999</u>
Vial 3	0.20 calibrator	Lot <u>FN07201502</u>	
Vial 4	0.40 calibrator	Lot <u>FN11191402</u>	

### CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 010318
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 020917WLA
7	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 08012015-C
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
9	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/3
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.154 g/dL	Lipomed 09022015-C
42	Blood control	0.198 g/dL	0.200 g/dL	ACQ 407041529/3
51	Aqueous control	0.400 g/dL	0.408 g/dL	Lipomed 08012015-C
52	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
53	Blood control	0.198 g/dL	0.204 g/dL	ACQ 407041529/3
54	Blank	Not detected	Not detected	SPD lab 010318

### SUBJECT SAMPLES

Subjects in the sequence 19 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Run valid   
 Run invalid  W.A. B1570 3/14/18  
 Analyst

Run valid   
 Run invalid  M. Ramos B1466 3/14/18  
 Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 13Mar18

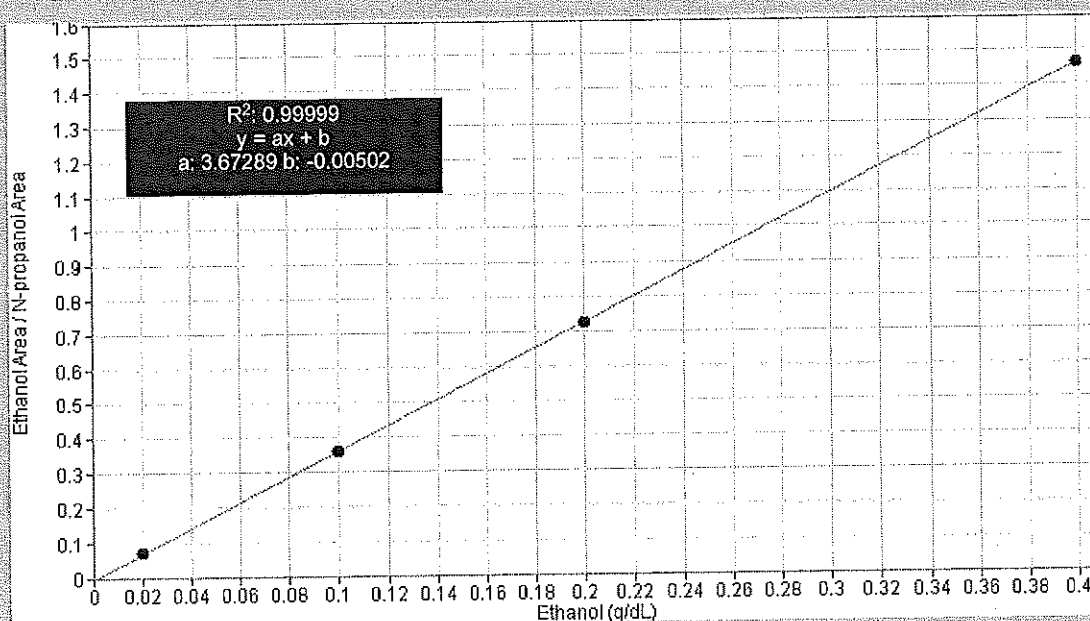
ANALYST: Adrian

WA

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 010318	5	negative	negative	-	-
0.400 Lipomed 08012015-C	7	0.400	0.400	0.00	0.000
0.040 Lipomed 09022015-A	8	0.040	0.040	0.00	0.000
0.198 ACQ 407041529/3	9	0.199	0.198	0.51	0.001
0.080 Lipomed 28082014-B	20	0.080	0.080	0.00	0.000
0.150 Lipomed 09022015-C	31	0.154	0.150	2.67	0.004
0.198 ACQ 407041529/3	42	0.200	0.198	1.01	0.002
0.40 Lipomed 08012015-C	51	0.408	0.400	2.00	0.008
0.04 Lipomed 09022015-A	52	0.040	0.040	0.00	0.000
0.198 ACQ 407041529/3	53	0.204	0.198	3.03	0.006
blank 010318	54	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.202	172.867	0.071
0.100	63.161	174.967	0.361
0.200	124.270	170.838	0.727
0.400	251.962	171.938	1.465

**Calibration Line**



# Scottsdale Police Department Crime Lab Volatiles Analysis

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Scottsdale City Prosecutor

WA

Sample: 0.020 Cerilliant FN03241604	Item number:
Injection date: 3/13/2018 10:30:07 AM	Vial: 1
Method: ethanol quant.M	Sequence: 13Mar18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Mar18\1.D	

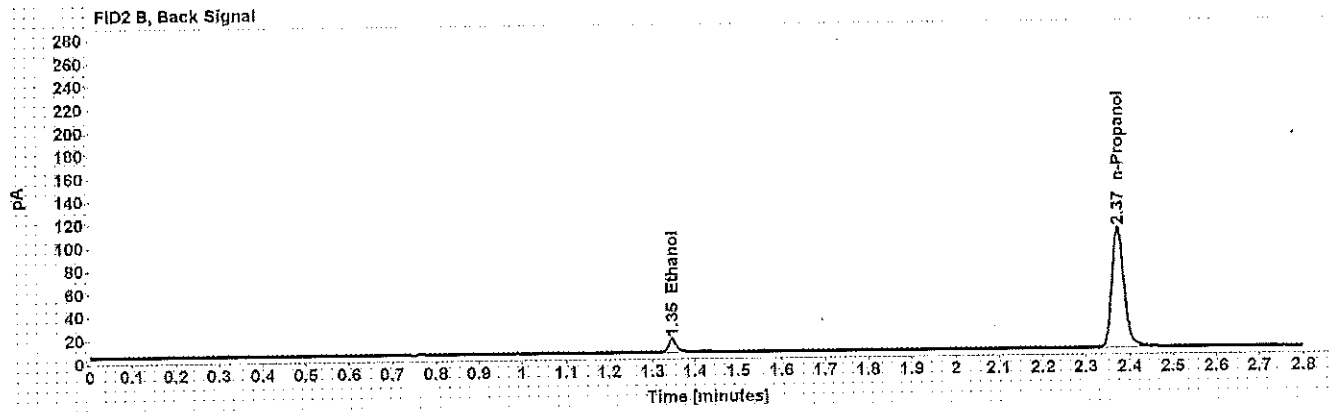
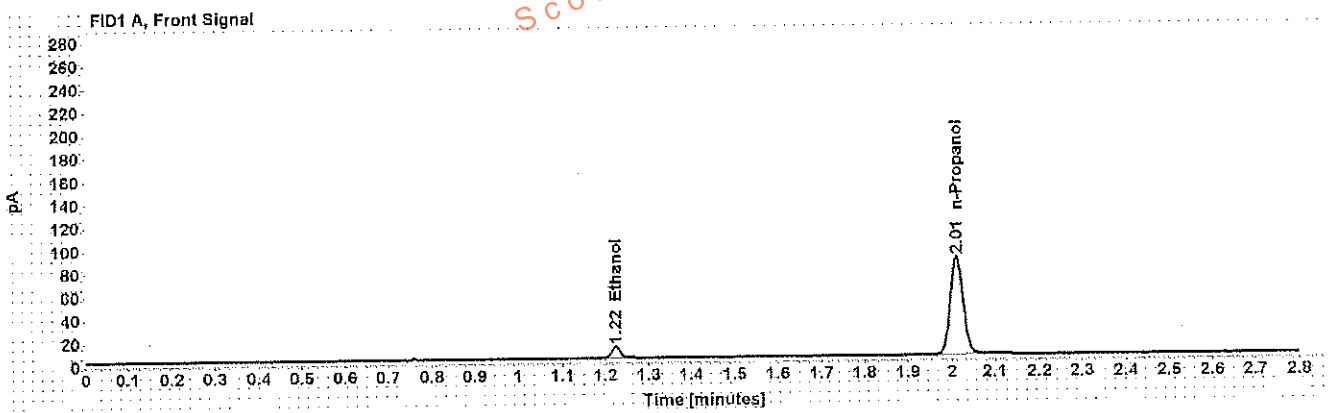


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	12.202
n-Propanol	2.012	172.867

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

Compound	Time (min)	Peak Area
Ethanol	1.346	14.108
n-Propanol	2.374	200.212

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> 0.100 Cerilliant FN06181501	<b>Item number:</b>
<b>Injection date:</b> 3/13/2018 10:34:07 AM	<b>Vial:</b> 2
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 13Mar18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem321\Datat13Mar18\2.D	

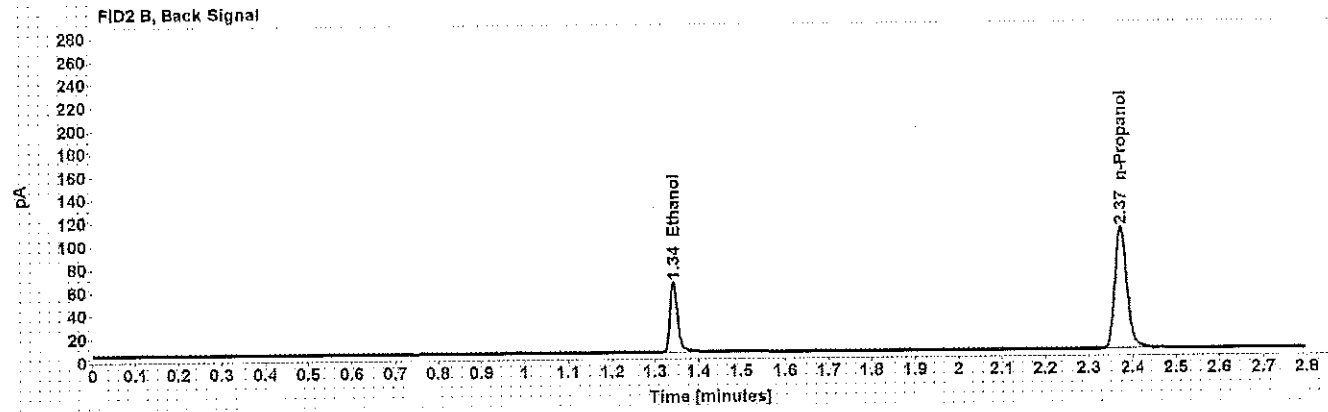
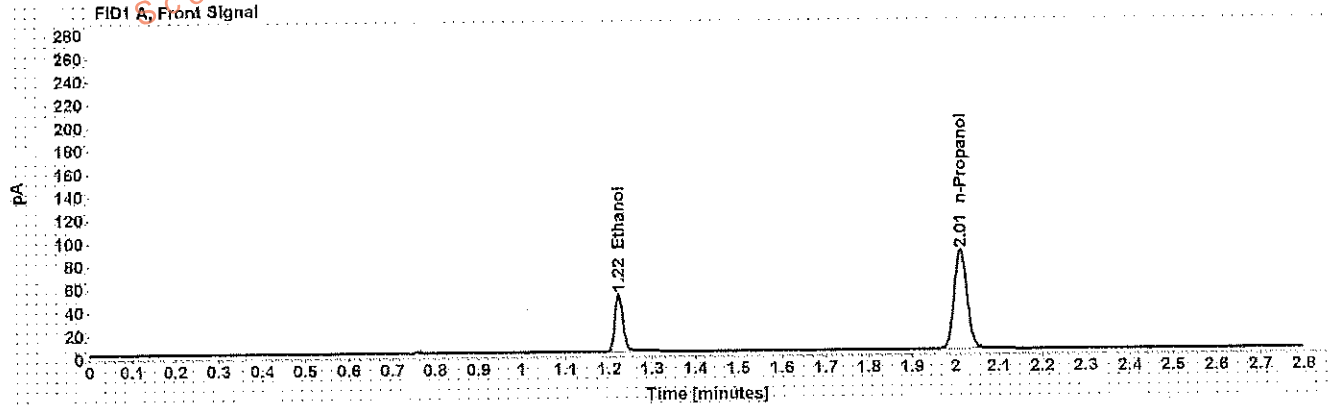


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	63.161
n-Propanol	2.011	174.967

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

Compound	Time (min)	Peak Area
Ethanol	1.342	74.633
n-Propanol	2.373	202.753

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> 0.200 Cerilliant FN07201502	<b>Item number:</b>
<b>Injection date:</b> 3/13/2018 10:38:07 AM	<b>Vial:</b> 3
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 13Mar18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem321\Data\13Mar18\3.D	

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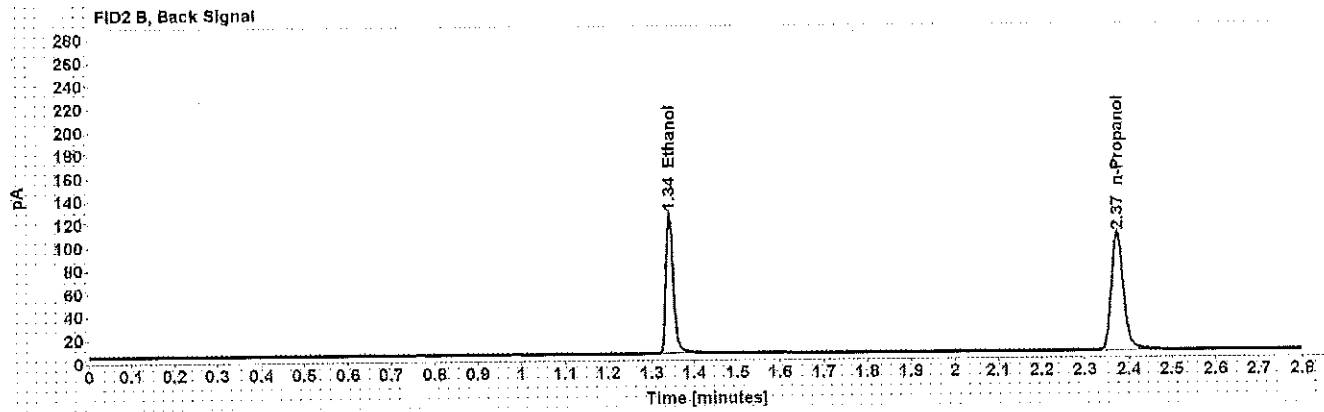
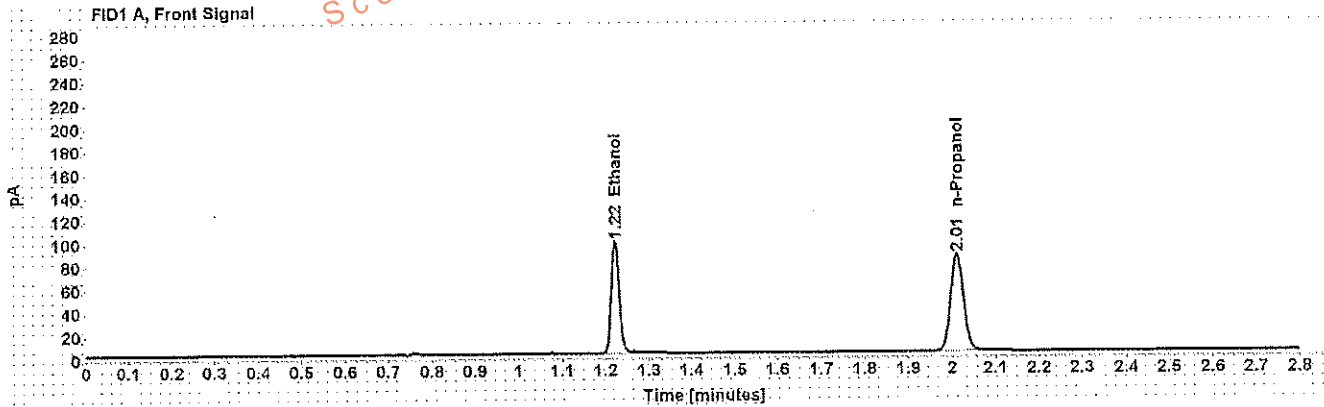


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	124.270
n-Propanol	2.012	170.838

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

Compound	Time (min)	Peak Area
Ethanol	1.342	147.676
n-Propanol	2.373	198.140

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WA

Sample: 0.400 Cerilliant FN11191402	Item number:
Injection date: 3/13/2018 10:42:07 AM	Vial: 4
Method: ethanol quant.M	Sequence: 13Mar18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Mar18\4.D	

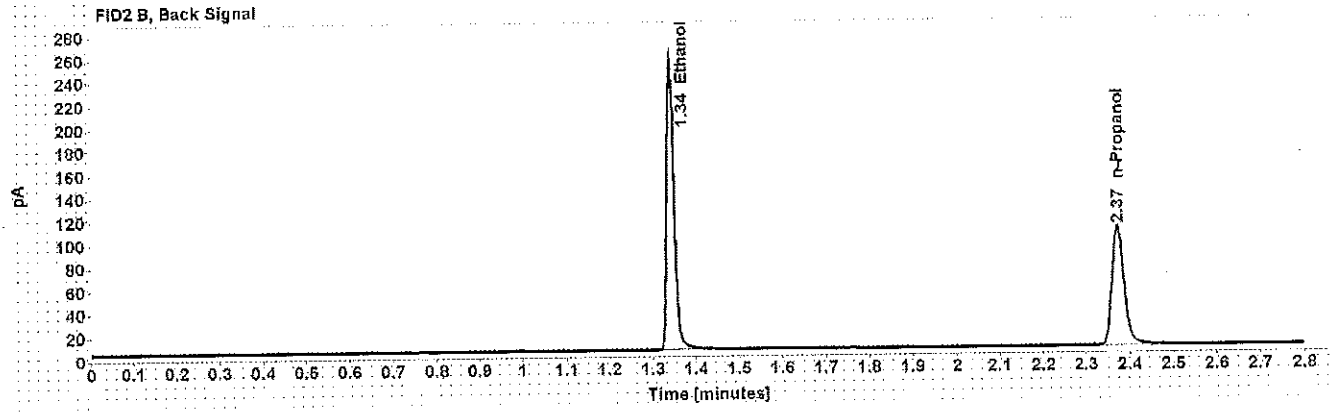
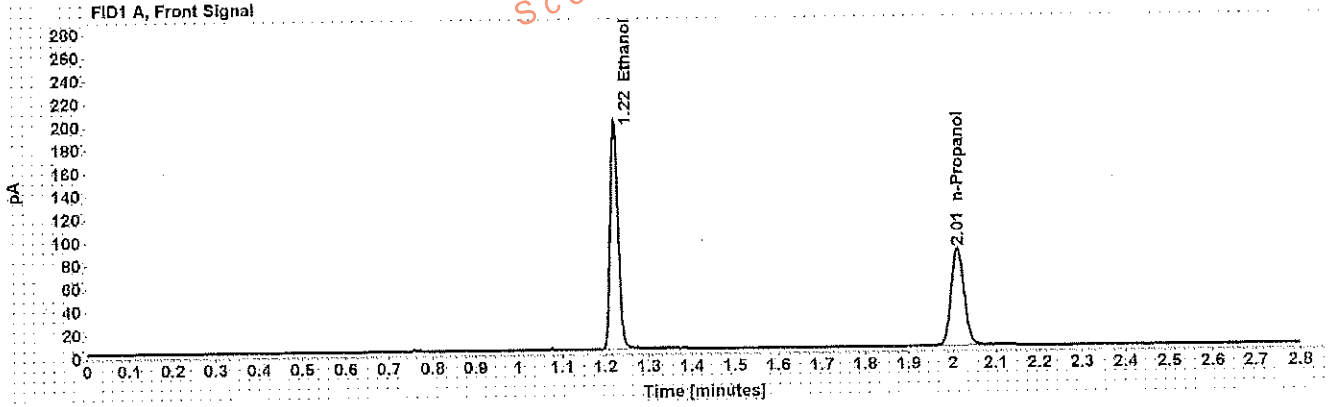


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	251.962
n-Propanol	2.012	171.938

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

Compound	Time (min)	Peak Area
Ethanol	1.342	301.022
n-Propanol	2.374	199.685

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> blank 010318	<b>Item number:</b>
<b>Injection date:</b> 3/13/2018 10:46:08 AM	<b>Vial:</b> 5
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 13Mar18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem3211\Data\13Mar18\5.D	

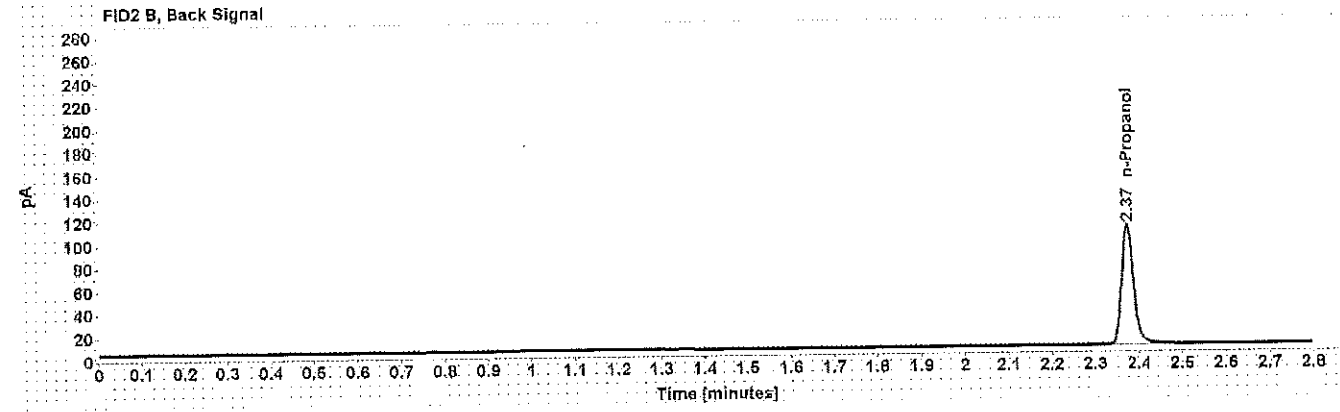
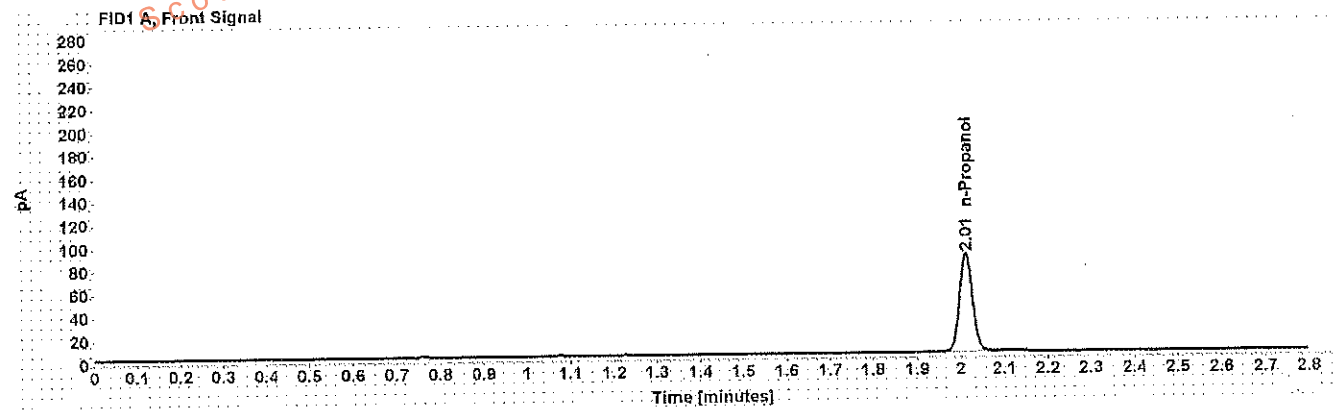


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.012	173.509

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

Compound	Time (min)	Peak Area
n-Propanol	2.373	200.735

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> volatiles mix 020917 WLA	<b>Item number:</b>
<b>Injection date:</b> 3/13/2018 10:50:08 AM	<b>Vial:</b> 6
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 13Mar18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem3211\Data\13Mar18\6.D	

WA

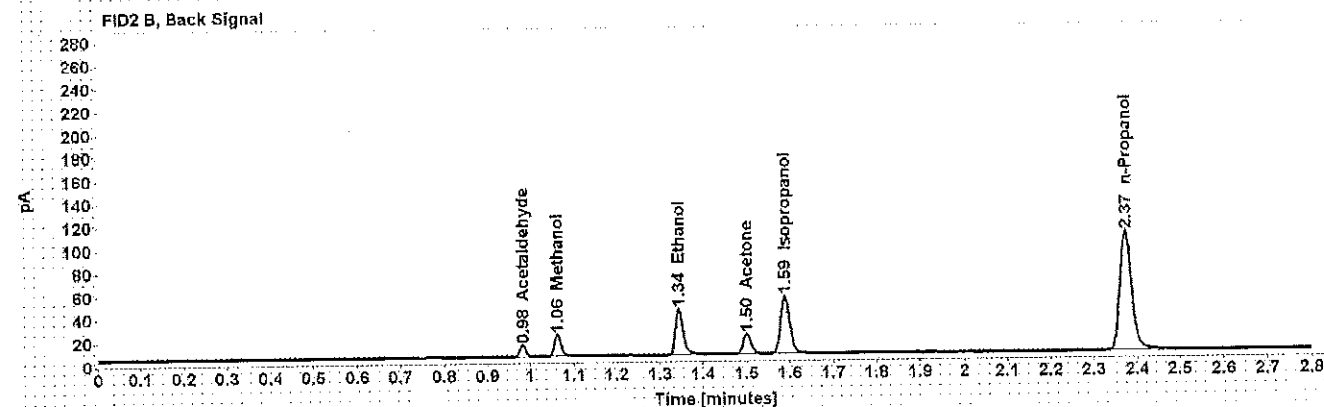
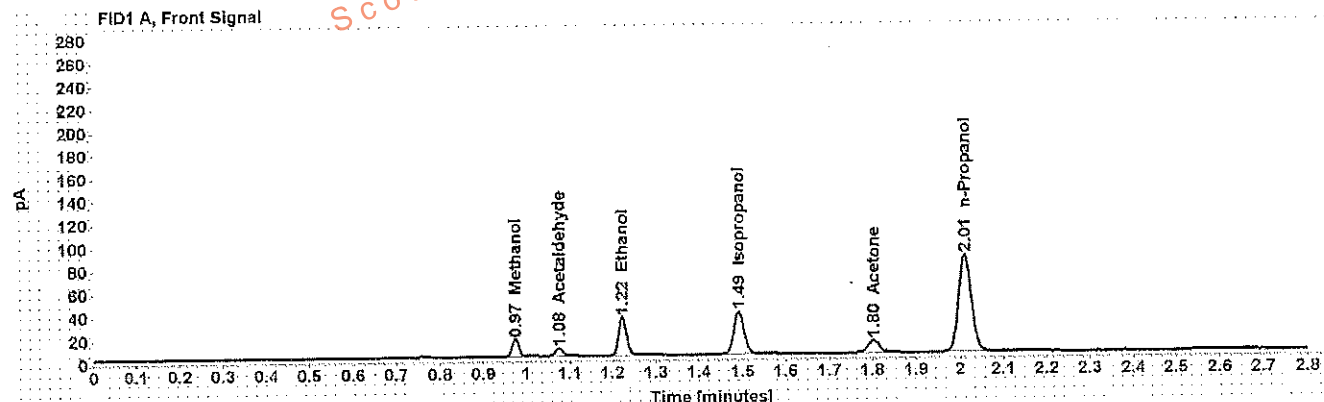


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.975	16.475
Acetaldehyde	-----	1.076	7.269
>Ethanol	0.0678	1.223	41.943
Isopropanol	-----	1.491	60.523
Acetone	-----	1.802	18.811
n-Propanol	-----	2.012	171.768

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	9.097
Methanol	1.063	19.772
Ethanol	1.343	48.820
Acetone	1.501	21.387
Isopropanol	1.589	72.267
n-Propanol	2.373	198.871



# Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: 0.400 Lipomed 08012015-C	Item number:
Injection date: 3/13/2018 10:54:22 AM	Vial: 7
Method: ethanol quant.M	Sequence: 13Mar18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Mar18\7.D	

LA

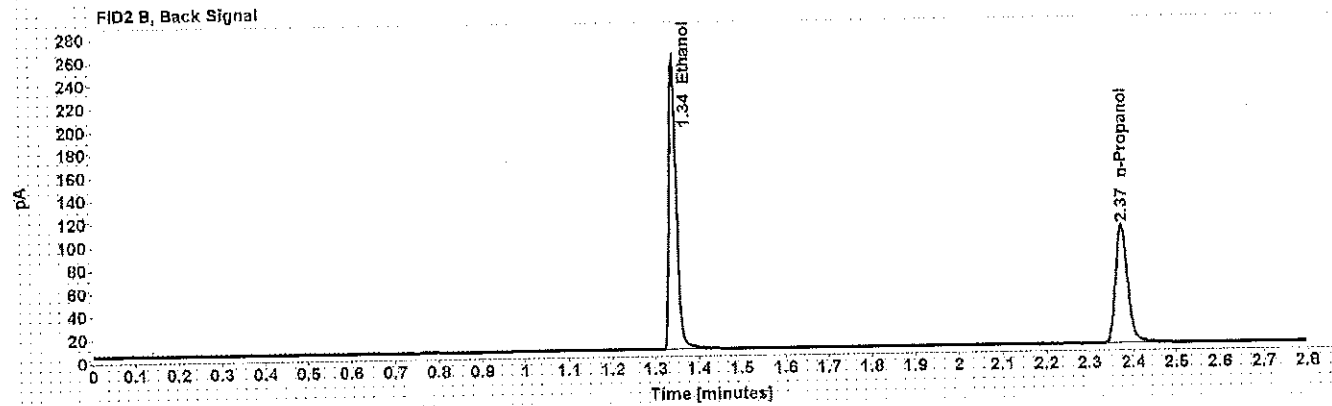
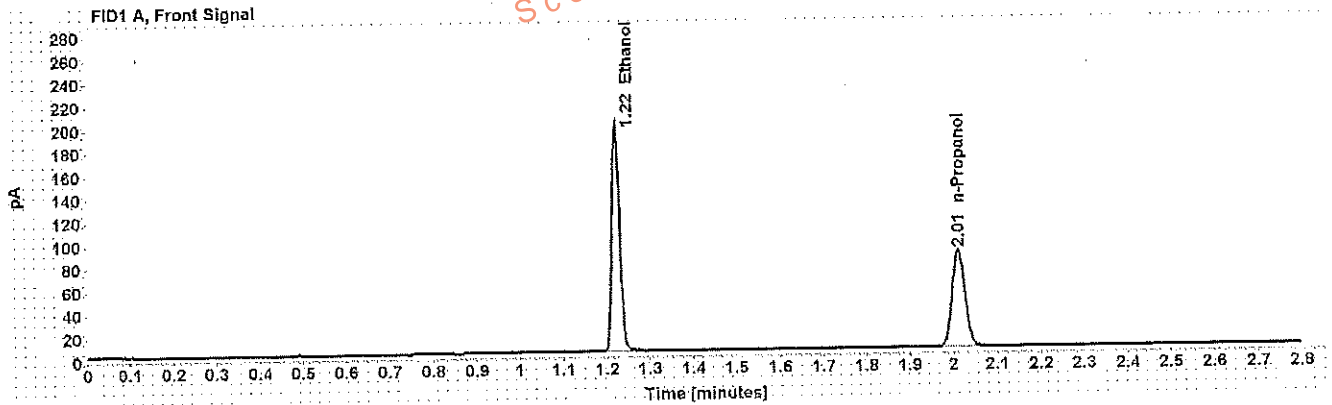


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4004	1.222	251.260
n-Propanol	-----	2.012	171.417

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

Compound	Time (min)	Peak Area
Ethanol	1.342	299.978
n-Propanol	2.373	198.877

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.040 Lipomed 09022015-A	Item number:
Injection date: 3/13/2018 10:58:22 AM	Vial: 8
Method: ethanol quant M	Sequence: 13Mar18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Mar18\8.D	

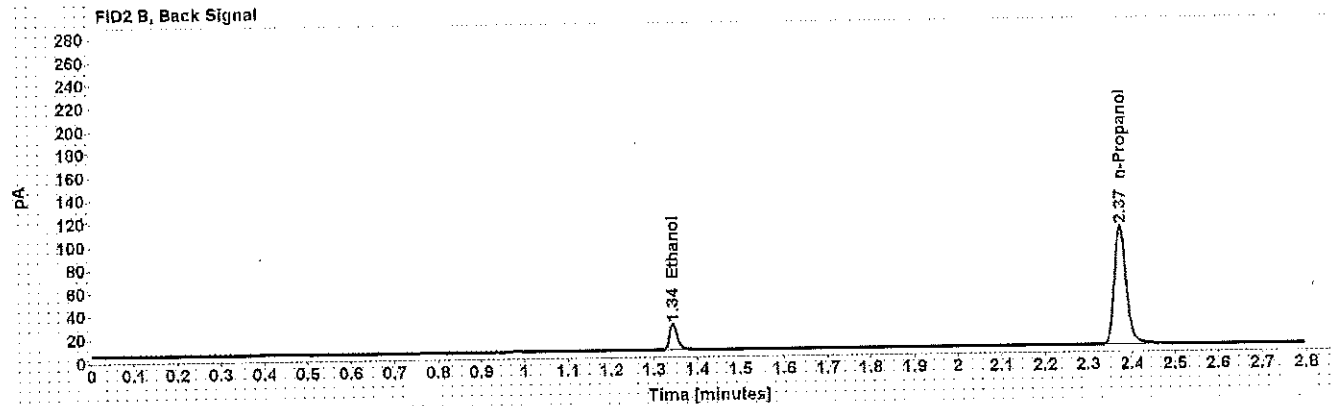
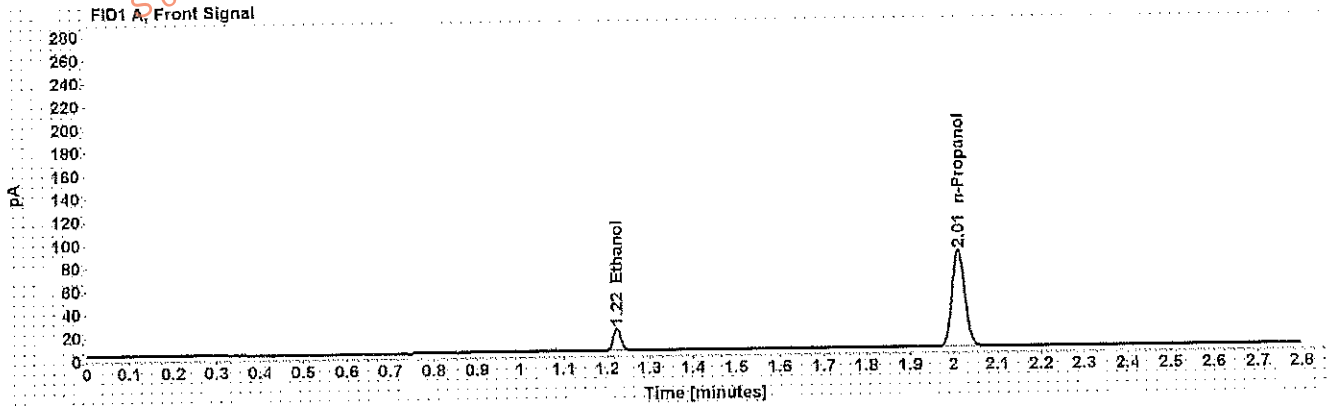


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0401	1.223	24.347
n-Propanol	-----	2.011	170.935

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

Compound	Time (min)	Peak Area
Ethanol	1.344	28.095
n-Propanol	2.373	197.859

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 3/13/2018 11:02:22 AM	Vial: 9
Method: ethanol quant.M	Sequence: 13Mar18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\10Data\13Mar18\9.D	

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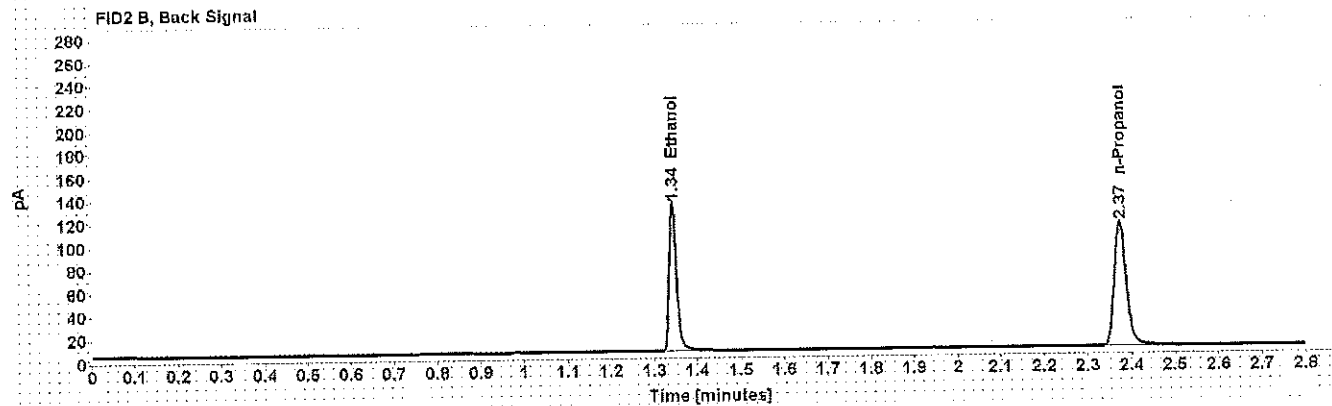
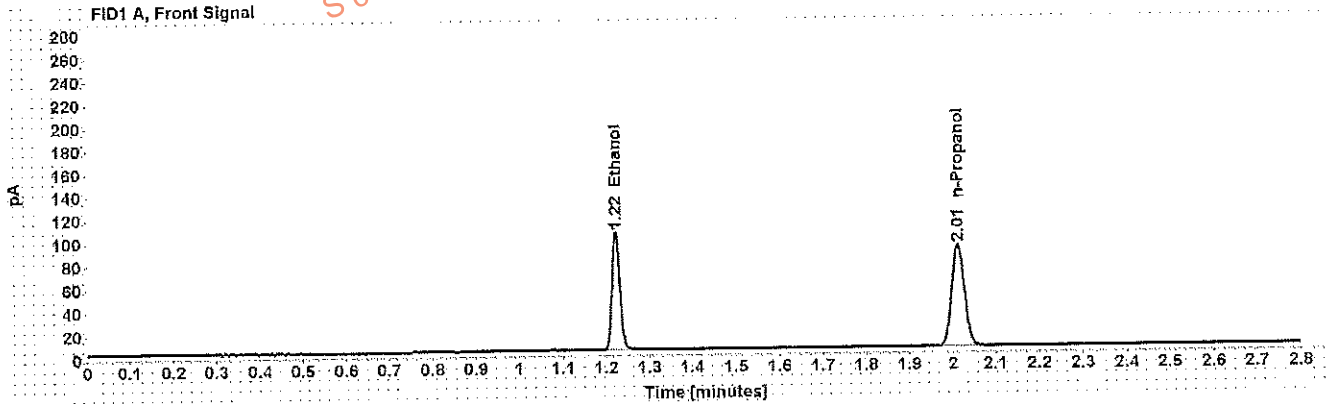


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1999	1.223	130.903
n-Propanol	-----	2.012	179.485

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

Compound	Time (min)	Peak Area
Ethanol	1.343	154.928
n-Propanol	2.375	207.990

# Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: 0.080 Lipomed 28082014-B	Item number: WA
Injection date: 3/13/2018 11:46:52 AM	Vial: 20
Method: ethanol quant.M	Sequence: 13Mar18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Mar18\20.D	

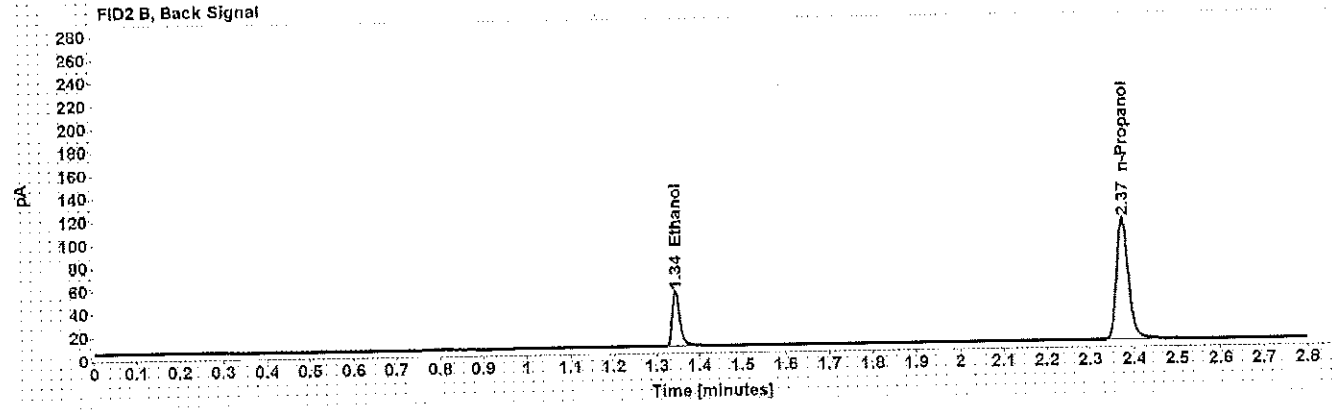
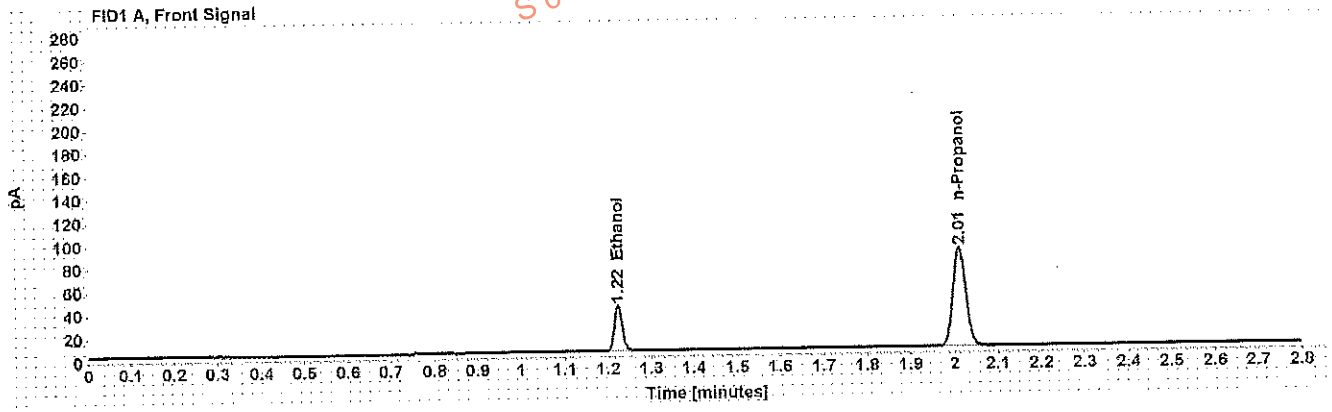


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0804	1.223	50.789
n-Propanol	-----	2.012	175.018

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

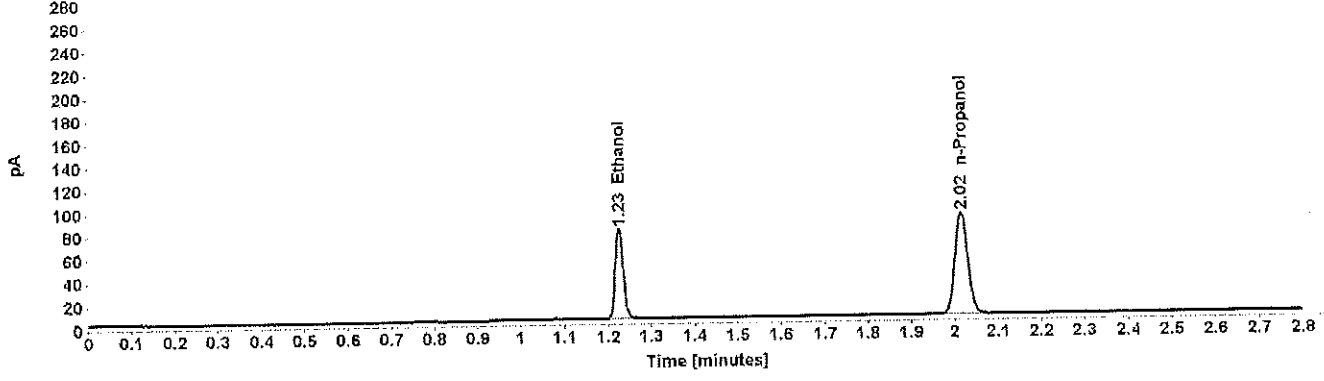
Compound	Time (min)	Peak Area
Ethanol	1.344	59.815
n-Propanol	2.374	203.531

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.150 Lipomed 09022015-C	Item number:
Injection date: 3/13/2018 12:31:22 PM	Vial: 31
Method: ethanol quant.M	Sequence: 13Mar18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\13Mar18\31.D	

FID1 A, Front Signal



FID2 B, Back Signal

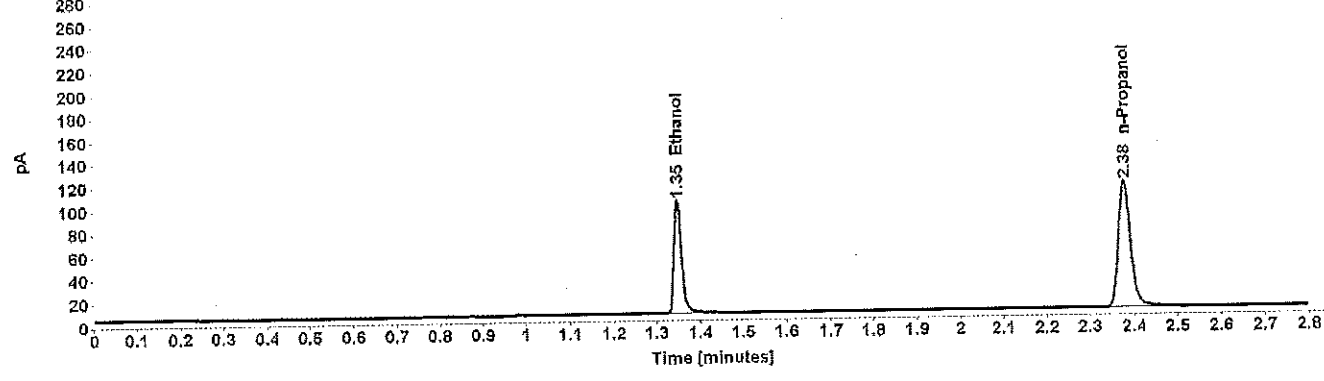


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1542	1.226	101.478
n-Propanol	-----	2.015	180.725

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

Compound	Time (min)	Peak Area
Ethanol	1.348	120.433
n-Propanol	2.379	211.304

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 3/13/2018 1:15:37 PM	Vial: 42
Method: ethanol quant.M	Sequence: 13Mar18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1Data\13Mar18\42.D	

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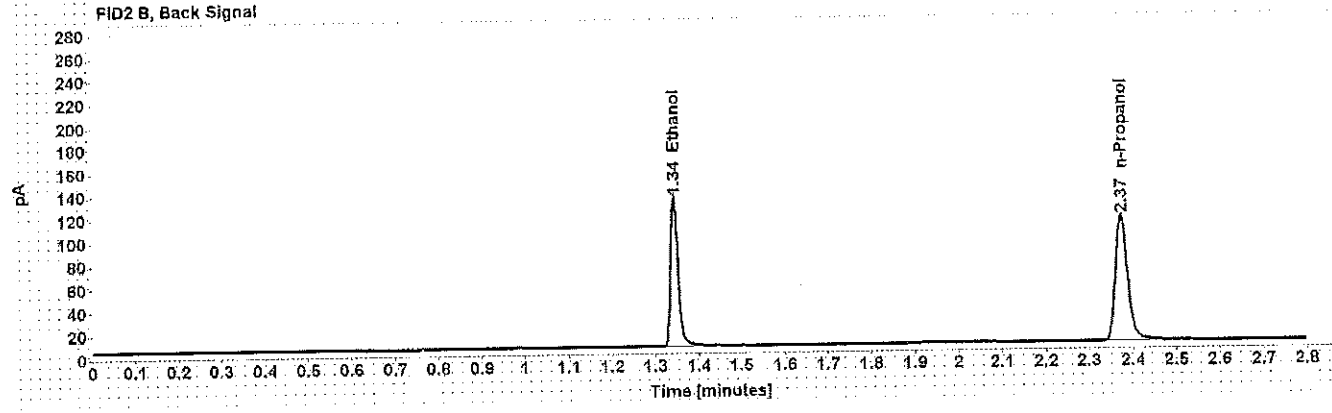
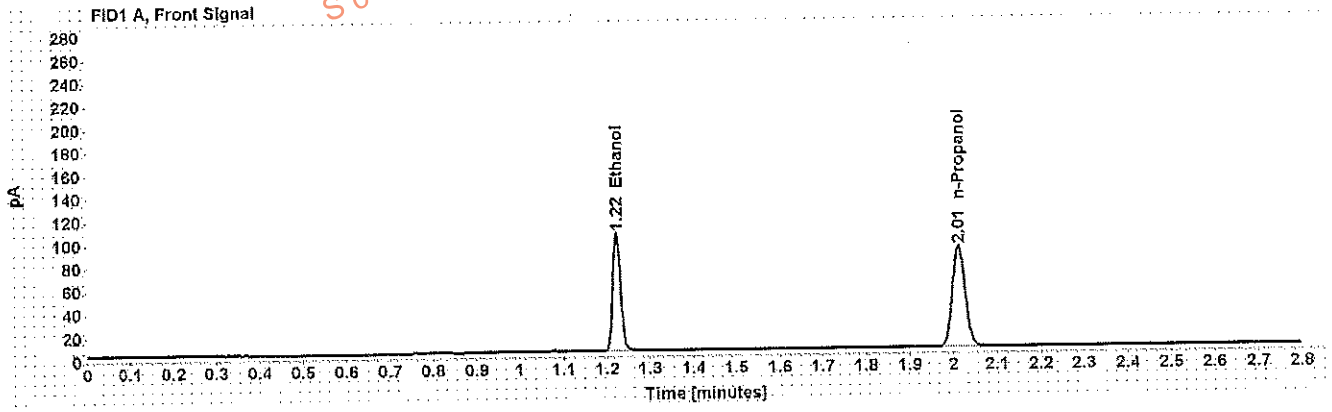


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2008	1.223	131.324
n-Propanol	-----	2.012	179.246

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

Compound	Time (min)	Peak Area
Ethanol	1.343	156.713
n-Propanol	2.374	210.082

# Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: 0.04 Lipomed 09022015-A	Item number: <span style="float: right;">WA</span>
Injection date: 3/13/2018 1:56:07 PM	Vial: 52
Method: ethanol quant.M	Sequence: 13Mar18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Mar18\52.D	

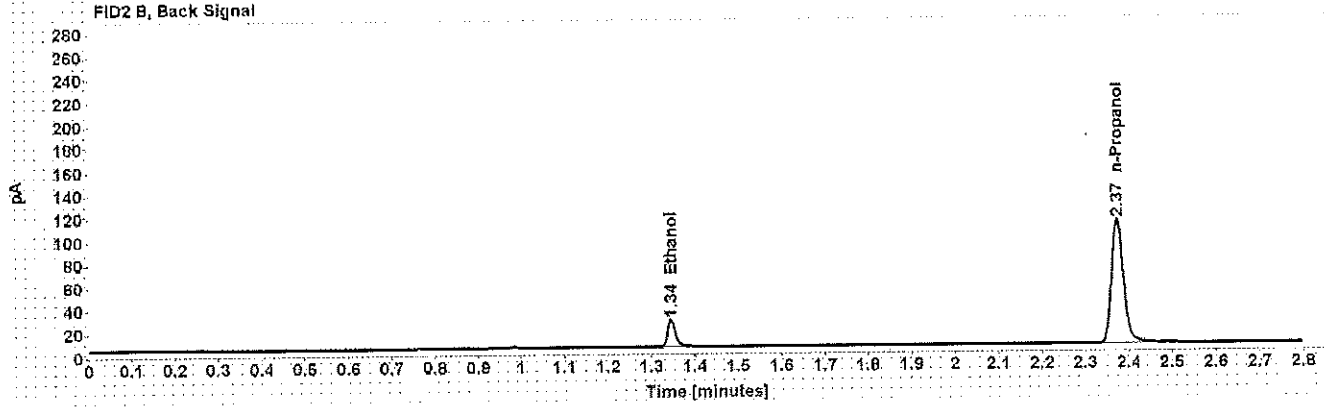
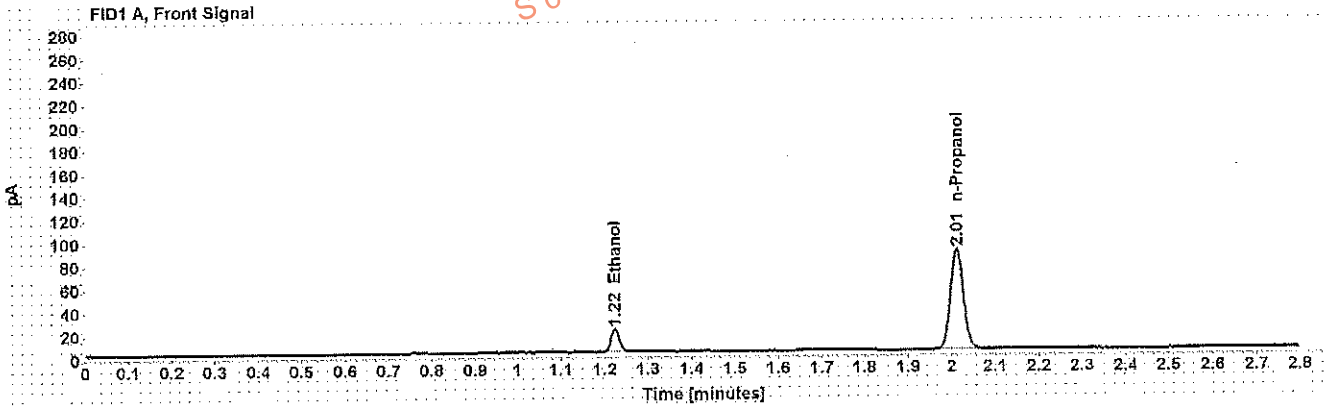


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0406	1.224	25.534
n-Propanol	-----	2.012	177.244

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

Compound	Time (min)	Peak Area
Ethanol	1.345	29.679
n-Propanol	2.374	207.979

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

<b>Sample:</b> 0.198 ACQ 407041529/3	<b>Item number:</b>
<b>Injection date:</b> 3/13/2018 2:00:07 PM	<b>Vial:</b> 53
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 13Mar18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
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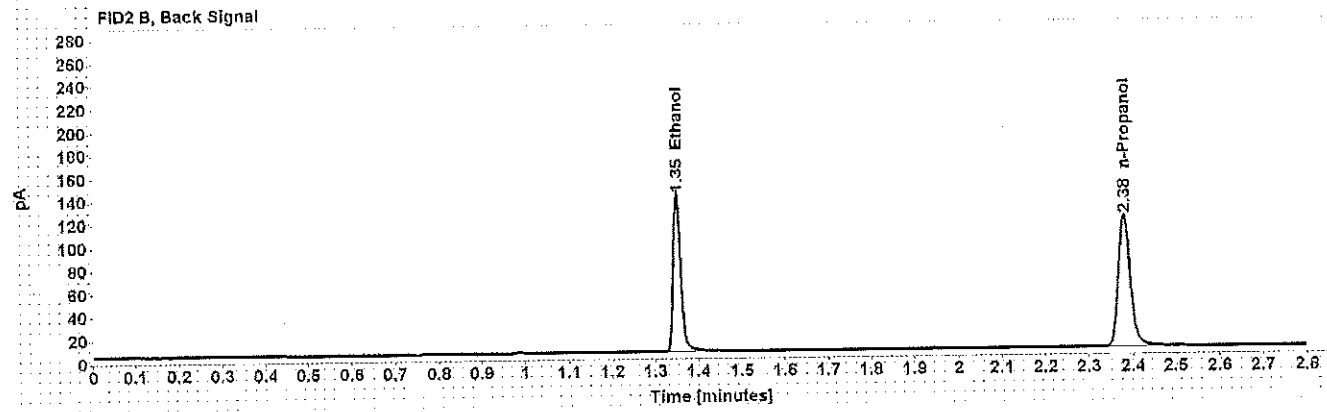
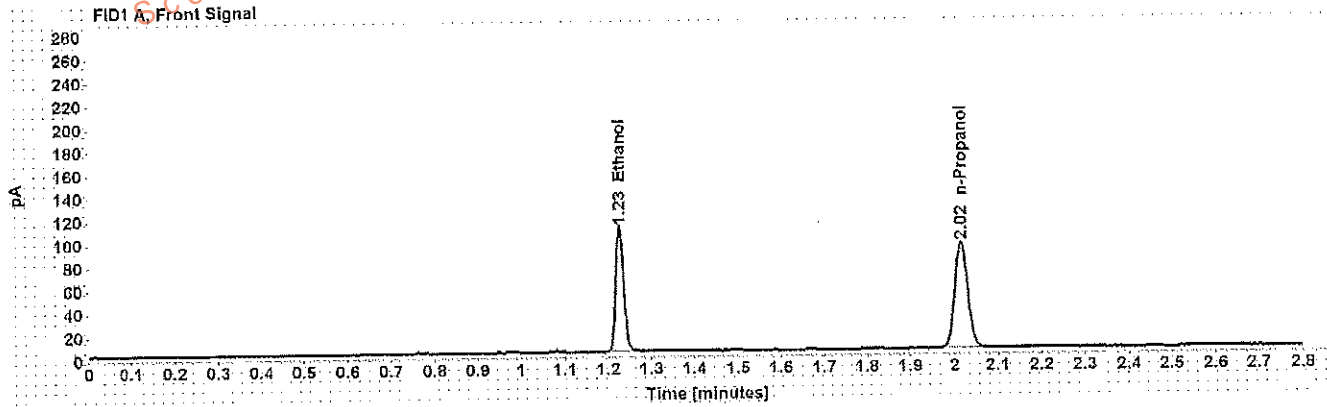


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2047	1.227	139.877
n-Propanol	-----	2.016	187.331

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

Compound	Time (min)	Peak Area
Ethanol	1.350	167.371
n-Propanol	2.380	219.939



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Sample:	blank 010318	Item number:	
Injection date:	3/13/2018 2:04:07 PM	Vial:	54
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\13Mar18\54.D		

WMA

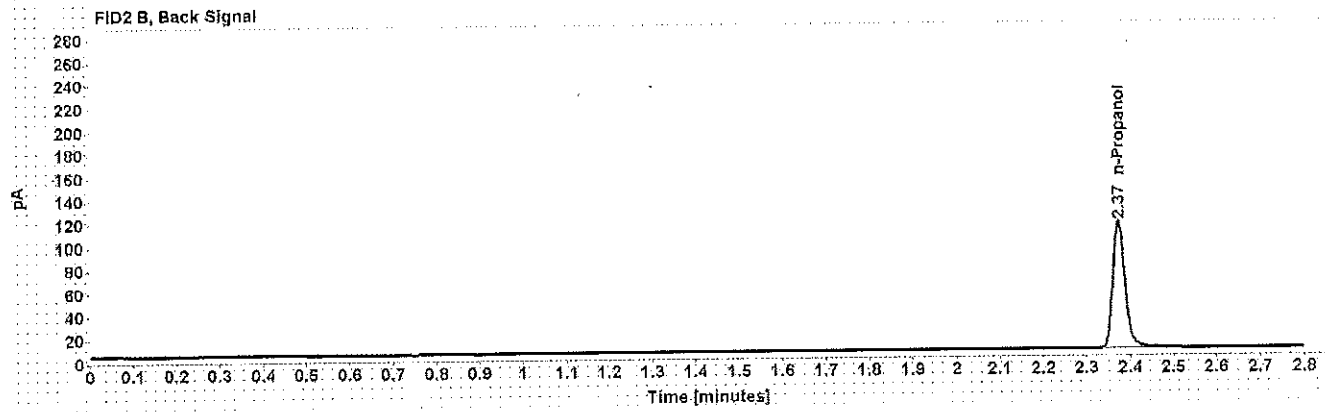
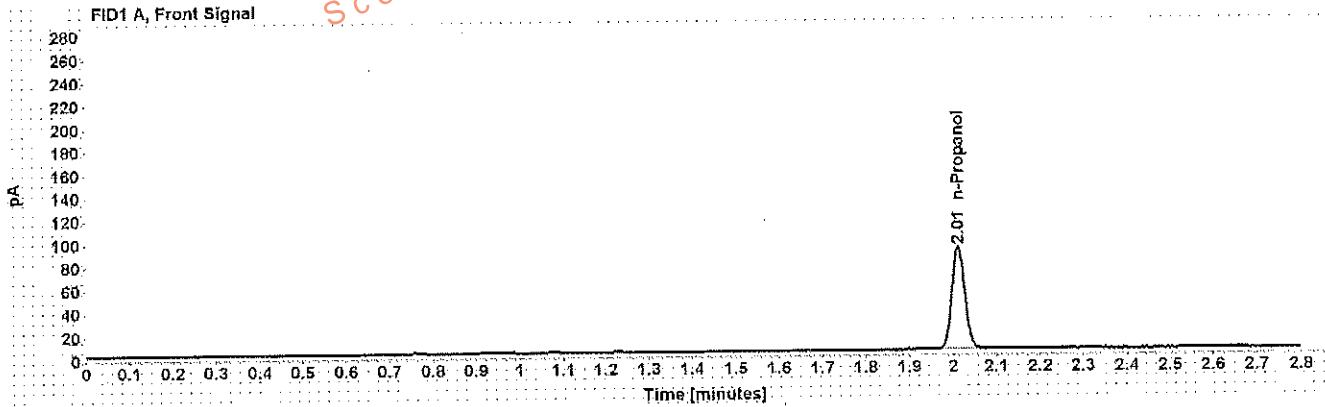


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.012	181.105

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

Compound	Time (min)	Peak Area
n-Propanol	2.374	212.123

# Sequence Summary

Sequence name: 13Mar18      Instrument: US14173023 CN14160045      Analyst: Adrian

WA

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 010318	Control		ethanol quant.M
6	volatiles mix 020917 WLA	Control		ethanol quant.M
7	0.400 Lipomed 08012015-C	Control		ethanol quant.M
8	0.040 Lipomed 09022015-A	Control		ethanol quant.M
9	0.198 ACQ 407041529/3	Control		ethanol quant.M
10	[REDACTED]	Sample	1186589	ethanol quant.M
11	[REDACTED]	Sample	1186589	ethanol quant.M
12	[REDACTED]	Sample	331-01A	ethanol quant.M
13	[REDACTED]	Sample	331-01A	ethanol quant.M
14	[REDACTED]	Sample	310-01A	ethanol quant.M
15	[REDACTED]	Sample	310-01A	ethanol quant.M
16	[REDACTED]	Sample	1199603	ethanol quant.M
17	[REDACTED]	Sample	1199603	ethanol quant.M
18	[REDACTED]	Sample	1192757	ethanol quant.M
19	[REDACTED]	Sample	1192757	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21	[REDACTED]	Sample	1202104	ethanol quant.M
22	[REDACTED]	Sample	1202104	ethanol quant.M
23	[REDACTED]	Sample	1198093	ethanol quant.M
24	[REDACTED]	Sample	1198093	ethanol quant.M
25	[REDACTED]	Sample	1198294	ethanol quant.M
26	[REDACTED]	Sample	1198294	ethanol quant.M
27	[REDACTED]	Sample	1198388	ethanol quant.M
28	[REDACTED]	Sample	1198388	ethanol quant.M
29	[REDACTED]	Sample	1198290	ethanol quant.M
30	[REDACTED]	Sample	1198290	ethanol quant.M
31	0.150 Lipomed 09022015-C	Control		ethanol quant.M
32	[REDACTED]	Sample	1198368	ethanol quant.M
33	[REDACTED]	Sample	1198368	ethanol quant.M
34	[REDACTED]	Sample	1199265	ethanol quant.M
35	[REDACTED]	Sample	1199265	ethanol quant.M
36	[REDACTED]	Sample	1198068	ethanol quant.M
37	[REDACTED]	Sample	1198068	ethanol quant.M
38	[REDACTED]	Sample	1199190	ethanol quant.M
39	[REDACTED]	Sample	1199190	ethanol quant.M
40	[REDACTED]	Sample	1200805	ethanol quant.M
41	[REDACTED]	Sample	1200805	ethanol quant.M
42	0.198 ACQ 407041529/3	Control		ethanol quant.M
43	[REDACTED]	Sample	1200343	ethanol quant.M
44	[REDACTED]	Sample	1200343	ethanol quant.M
45	[REDACTED]	Sample	1202153	ethanol quant.M
46	[REDACTED]	Sample	1202153	ethanol quant.M
47	[REDACTED]	Sample	1198280	ethanol quant.M

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# Sequence Summary

WA

48	[REDACTED]	Sample	1198280	ethanol quant.M
49	[REDACTED]	Sample	1199560	ethanol quant.M
50	[REDACTED]	Sample	1199560	ethanol quant.M
51	0.40 Lipomed 08012015-C	Control		ethanol quant.M
52	0.04 Lipomed 09022015-A	Control		ethanol quant.M
53	0.198 ACC 407041529/3	Control		ethanol quant.M
54	blank 010318	Control		ethanol quant.M

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Scottsdale City Prosecutor

# Scottsdale Police Department Crime Laboratory

## Summary of Cases

SEQUENCE NAME: 13Mar18

ANALYST: Adrian WA

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0911	0.0913	0.09120	0.11	0.00010
12 13	0.0857	0.0863	0.08600	0.35	0.00030
14 15	0.2071	0.2100	0.20855	0.70	0.00145
16 17	0.2465	0.2455	0.24600	0.20	0.00050
18 19	0.1276	0.1292	0.12840	0.62	0.00080
21 22	0.2611	0.2554	0.25825	1.10	0.00285
23 24	0.1932	0.1928	0.19300	0.10	0.00020
25 26	0.1301	0.1314	0.13075	0.50	0.00065
27 28	0.1027	0.1030	0.10285	0.15	0.00015
29 30	0.1559	0.1574	0.15665	0.48	0.00075
32 33	0.1831	0.1849	0.18400	0.49	0.00090
34 35	0.1444	0.1445	0.14445	0.03	0.00005
36 37	0.2347	0.2334	0.23405	0.28	0.00065
38 39	0.2272	0.2299	0.22855	0.59	0.00135
40 41	0.2578	0.2566	0.25720	0.23	0.00060
43 44	0.2953	0.2968	0.29605	0.25	0.00075
45 46	0.2354	0.2373	0.23635	0.40	0.00095
47 48	0.1069	0.1073	0.10710	0.19	0.00020
49 50	0.0909	0.0919	0.09140	0.55	0.00050

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

## Scottsdale Police Department Crime Lab Volatiles Analysis

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Scottsdale City Prosecutor

Sample:	[REDACTED]	Item number:	1186589
Injection date:	3/13/2018 11:06:22 AM	Vial:	10
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\13Mar18\10.D		

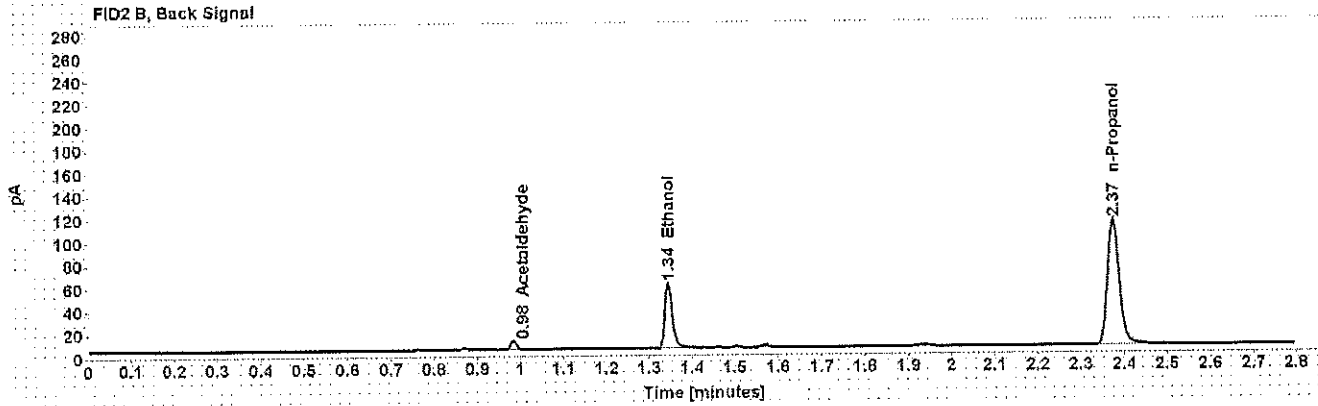
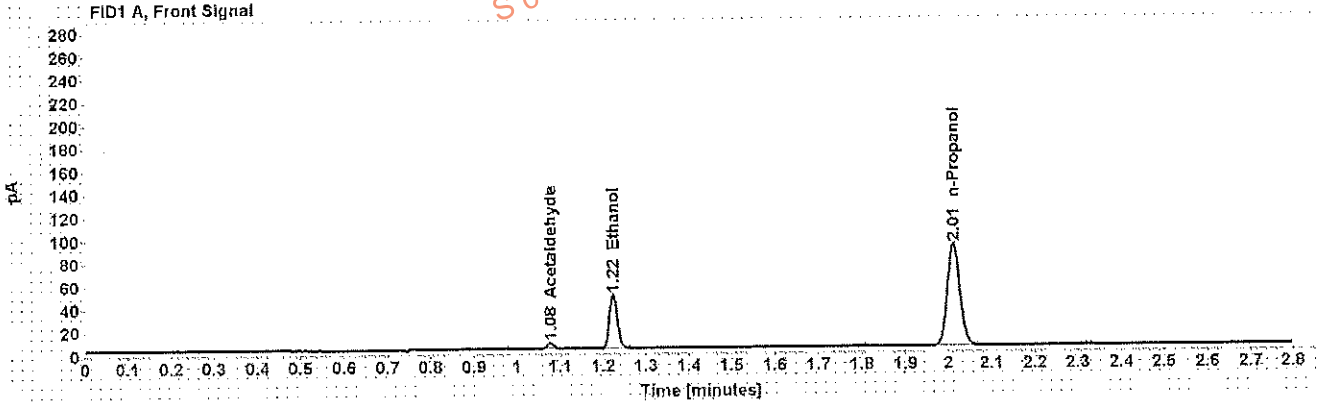


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.526
>Ethanol	0.0911	1.223	59.721
n-Propanol	-----	2.012	181.275

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.921
Ethanol	1.344	69.539
n-Propanol	2.375	211.250

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1186589
Injection date: 3/13/2018 11:10:22 AM	Vial: 11
Method: ethanol quant.M	Sequence: 13Mar18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Mar18\11.D	

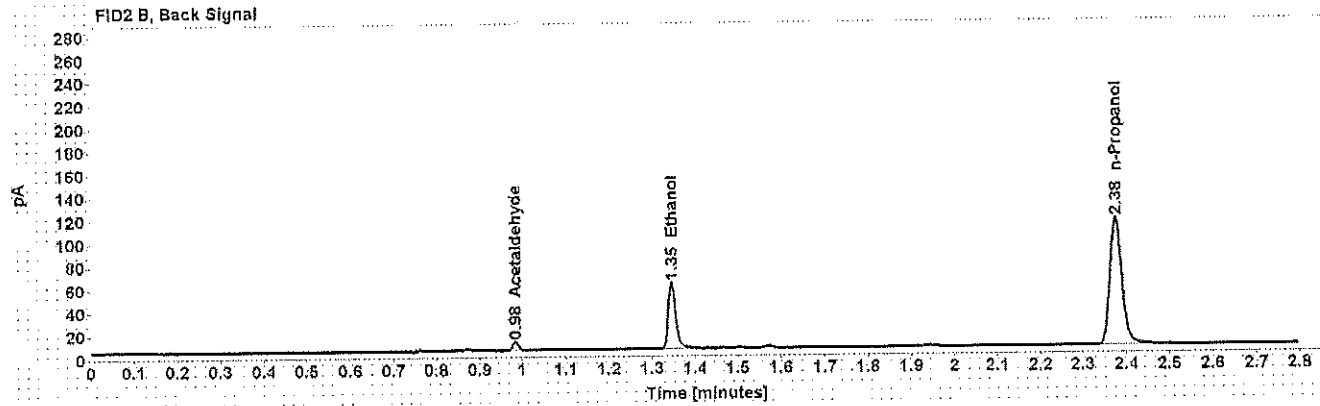
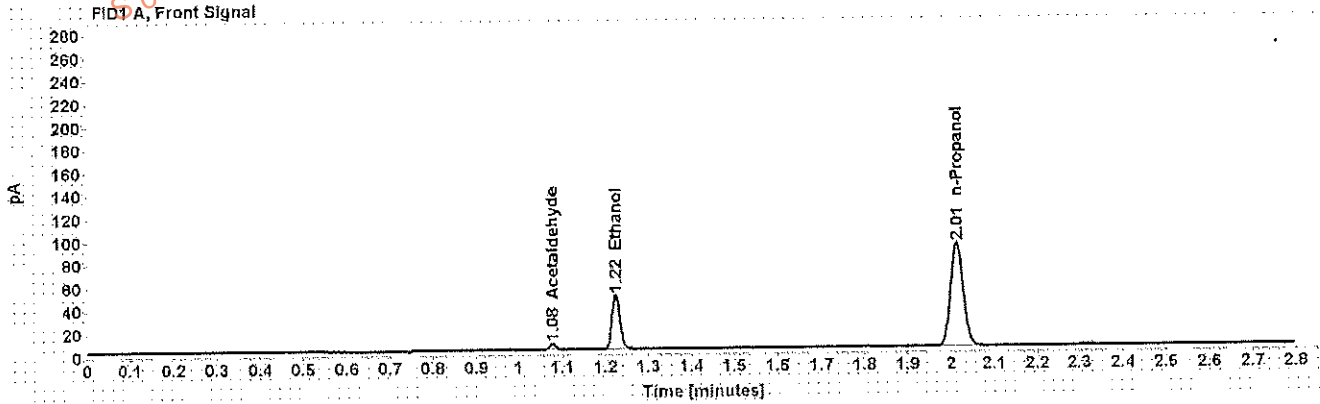


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.470
>Ethanol	0.0913	1.224	60.543
n-Propanol	-----	2.013	183.336

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.823
Ethanol	1.346	70.644
n-Propanol	2.376	213.820

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	331-01A
Injection date:	3/13/2018 11:14:22 AM	Vial:	12
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023.CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\13Mar18\12.D		

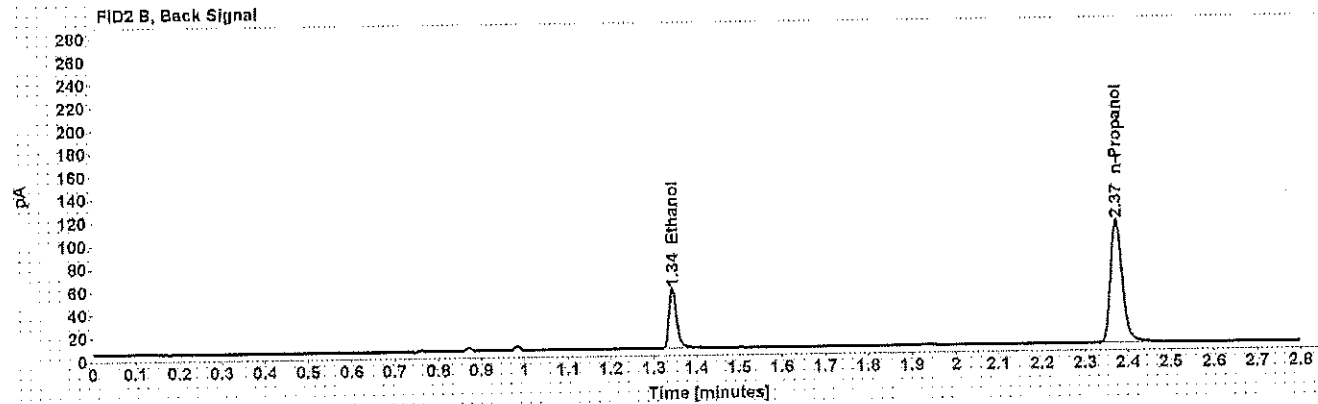
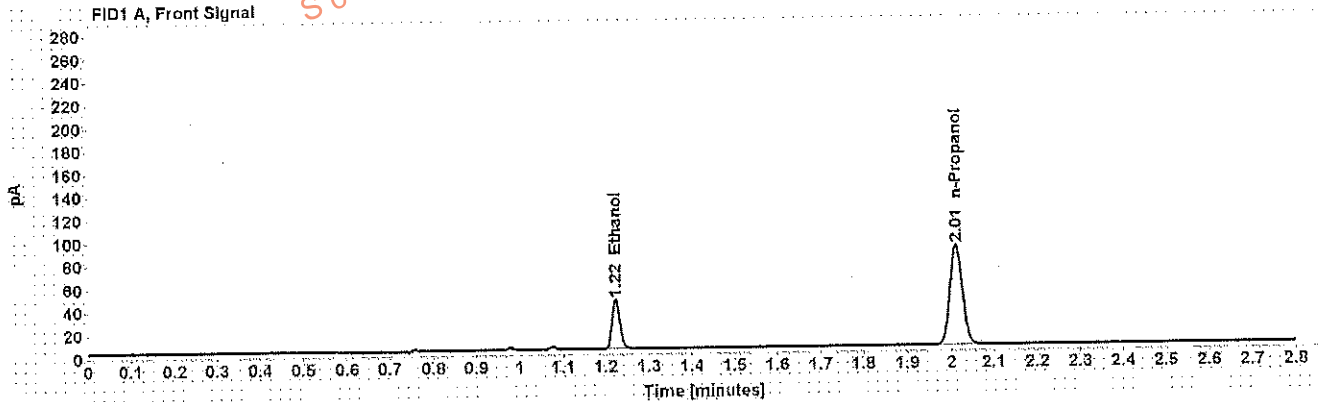


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0857	1.223	54.921
n-Propanol	-----	2.012	177.370

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

Compound	Time (min)	Peak Area
Ethanol	1.344	63.907
n-Propanol	2.374	205.996

## Scottsdale Police Department Crime Lab Volatiles Analysis

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Scottsdale City Prosecutor

Sample:	[REDACTED]	Item number:	331-01A
Injection date:	3/13/2018 11:18:37 AM	Vial:	13
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\13Mar18\13.D		

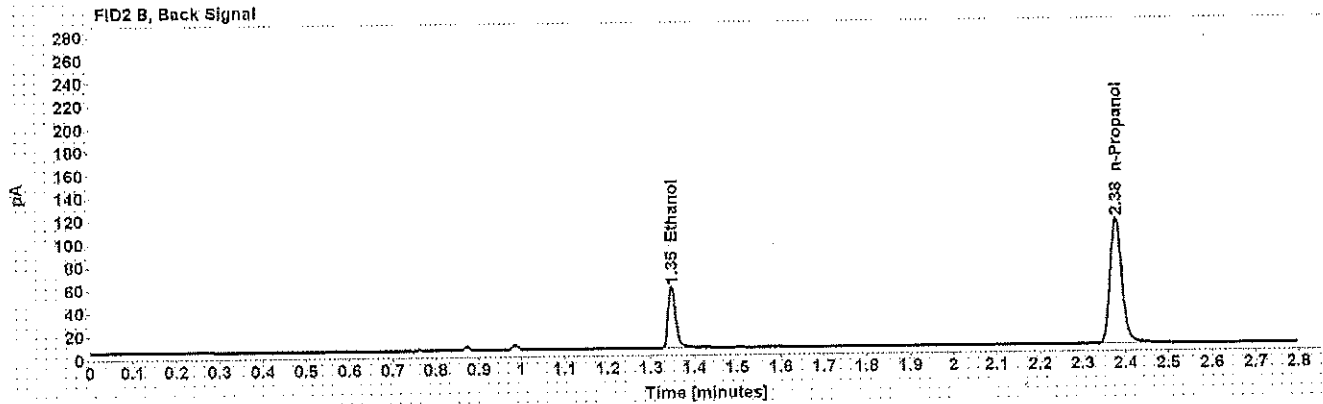
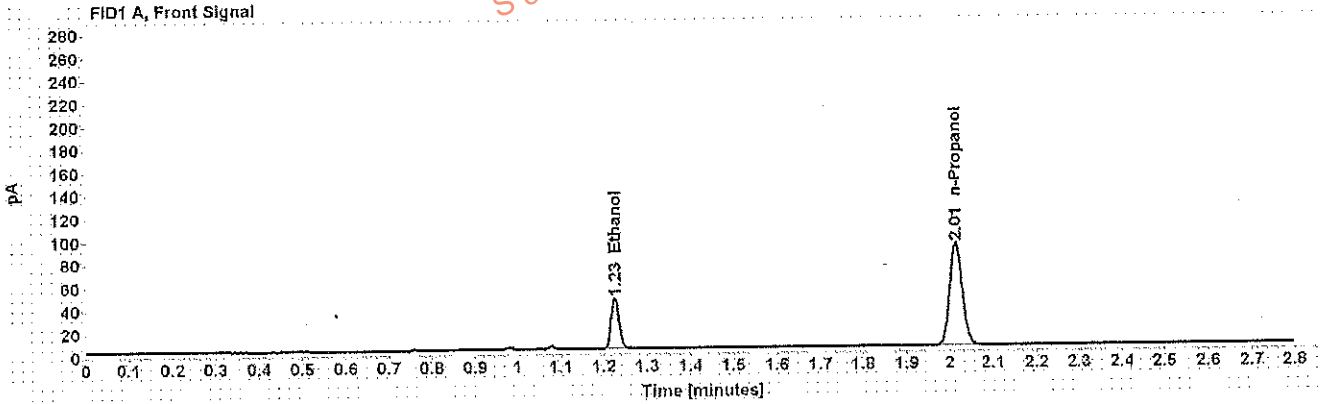


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0863	1.225	58.595
n-Propanol	-----	2.014	181.483

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

Compound	Time (min)	Peak Area
Ethanol	1.347	65.822
n-Propanol	2.377	211.040



Case: [REDACTED] User: wadrian 3/13/2018

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 310-01A  
Injection date: 3/13/2018 11:22:37 AM Vial: 14  
Method: ethanol quant.M Sequence: 13Mar18  
Instrument: US14173023 CN14160045 Analyst: Adrian  
Data file: C:\Chem32\1\Data\13Mar18\14.D

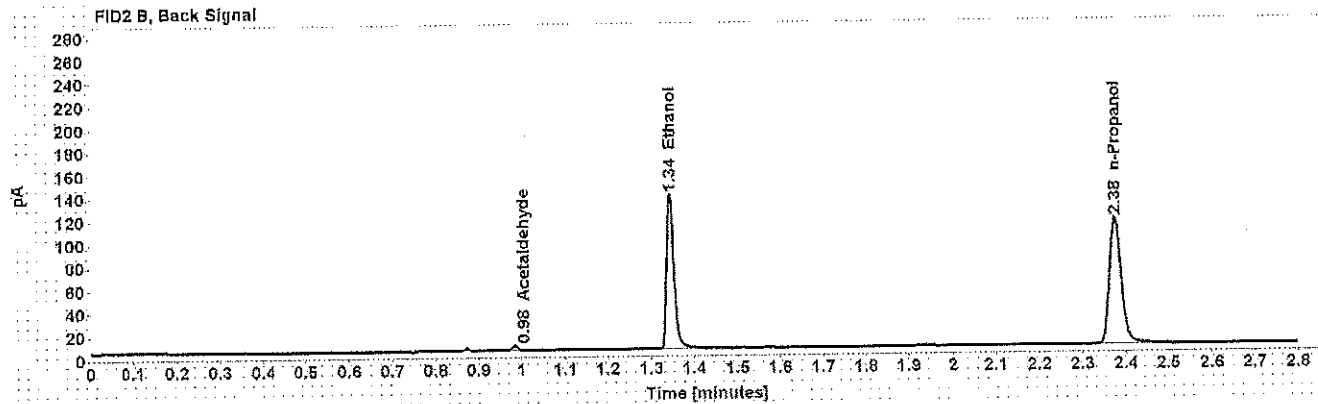
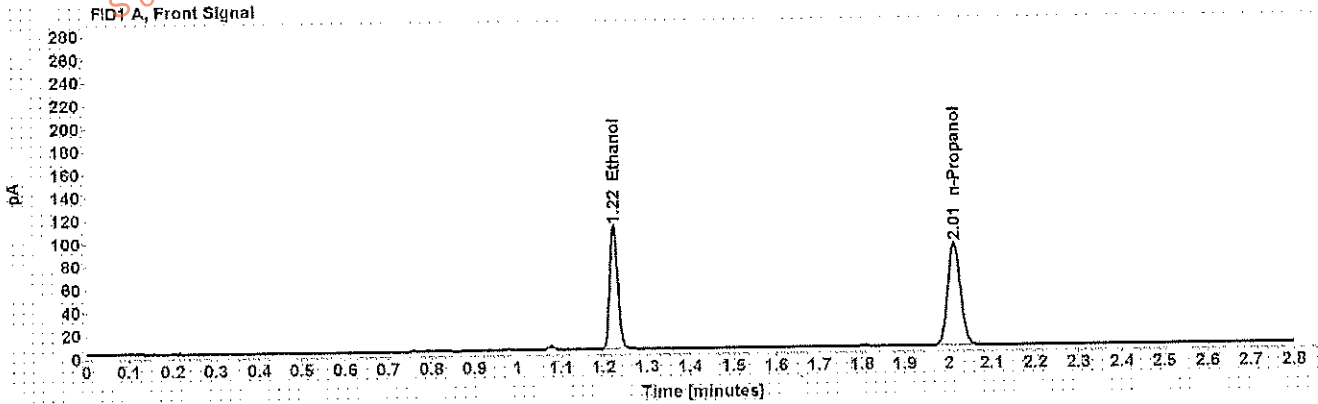


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2071	1.223	137.756
n-Propanol	-----	2.013	182.331

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.004
Ethanol	1.344	162.828
n-Propanol	2.376	212.624

Case: [REDACTED] User: wadrian 3/13/2018

# Scottsdale Police Department Crime Lab Volatiles Analysis

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Scottsdale City Prosecutor

Sample:	[REDACTED]	Item number:	310-01A
Injection date:	3/13/2018 11:26:36 AM	Vial:	15
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023.CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\13Mar18\15.D		

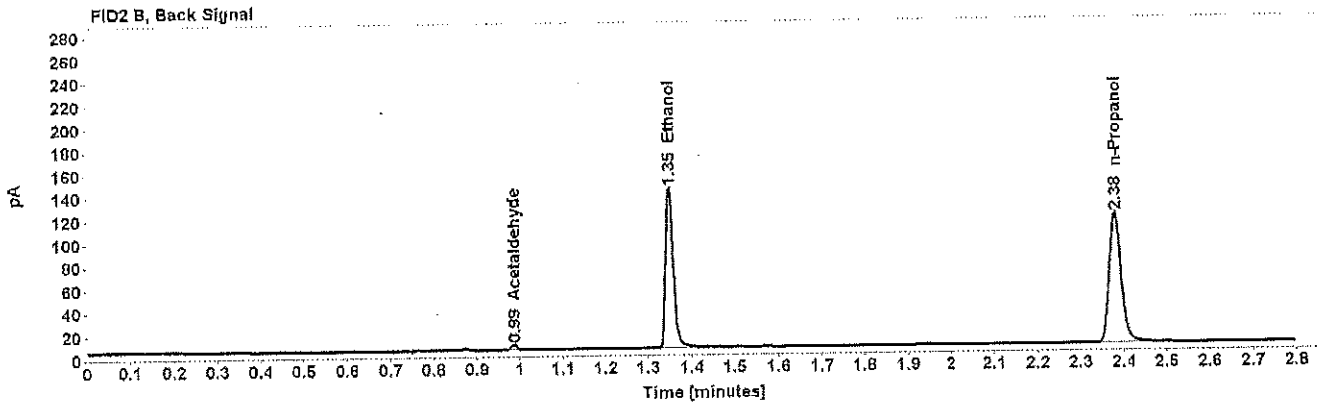
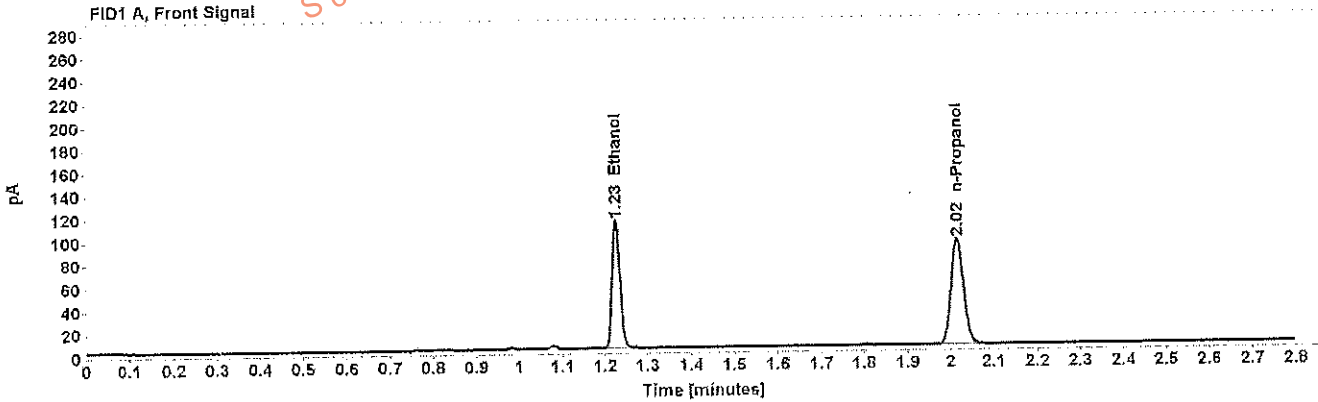


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2100	1.227	143.538
n-Propanol	-----	2.016	187.275

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	4.049
Ethanol	1.349	170.158
n-Propanol	2.380	218.718

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1199603
Injection date: 3/13/2018 11:30:38 AM	Vial: 16
Method: ethanol quant.M	Sequence: 13Mar18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Mar18\16.D	

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Scottsdale City Prosecutor

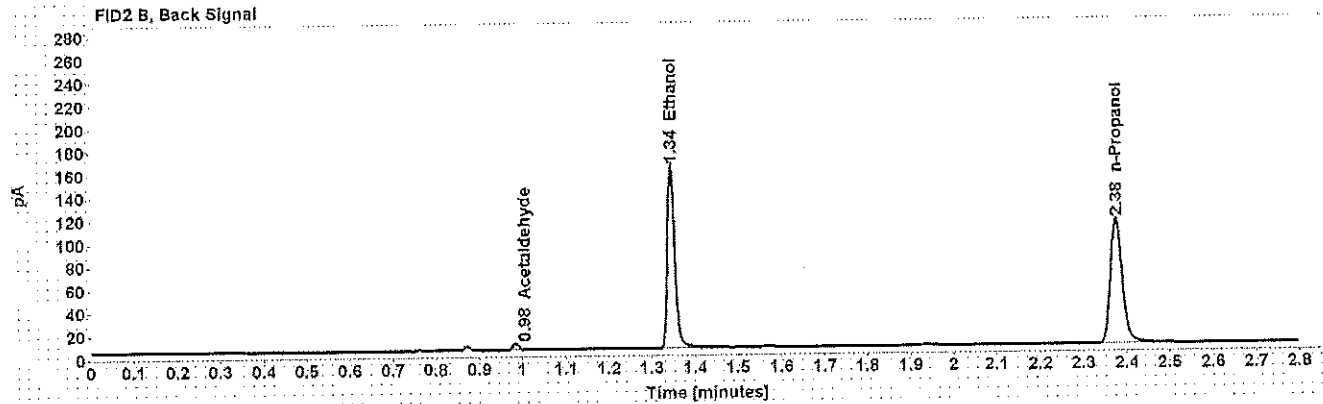
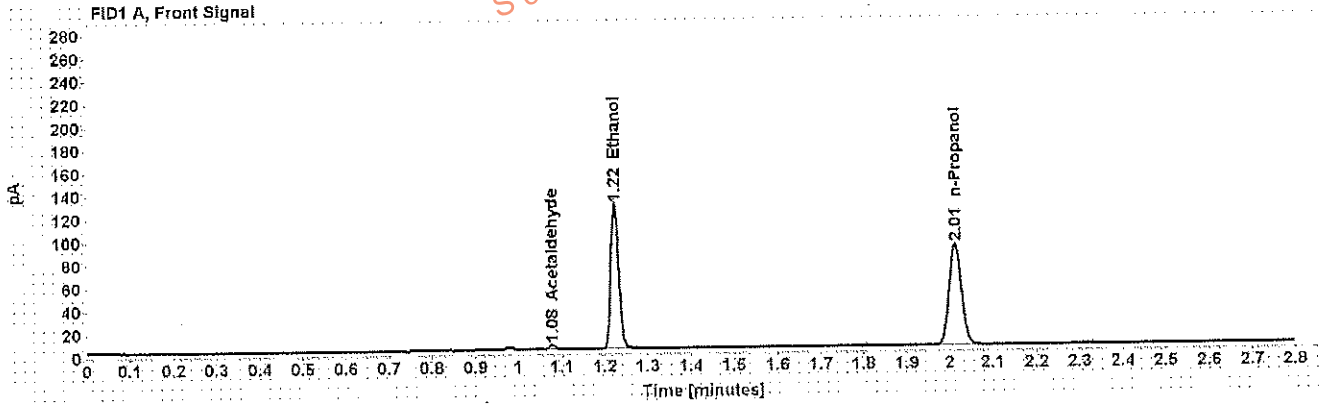


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.082
>Ethanol	0.2465	1.224	161.855
n-Propanol	-----	2.013	179.740

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.133
Ethanol	1.345	193.401
n-Propanol	2.376	210.655

Case: [REDACTED] User: wadrian 3/13/2018

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1199603
Injection date: 3/13/2018 11:34:37 AM	Vial: 17
Method: ethanol quant.M	Sequence: 13Mar18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Mar18\17.D	

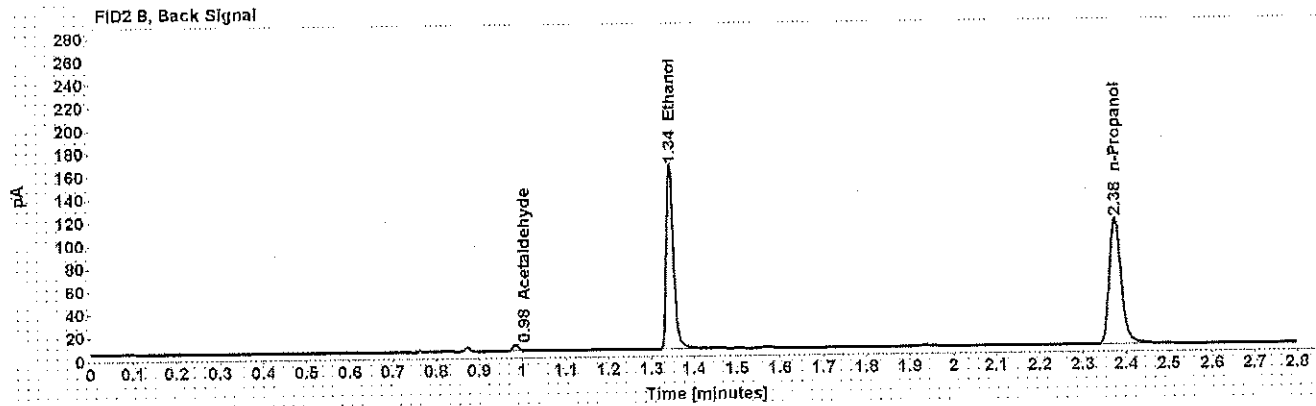
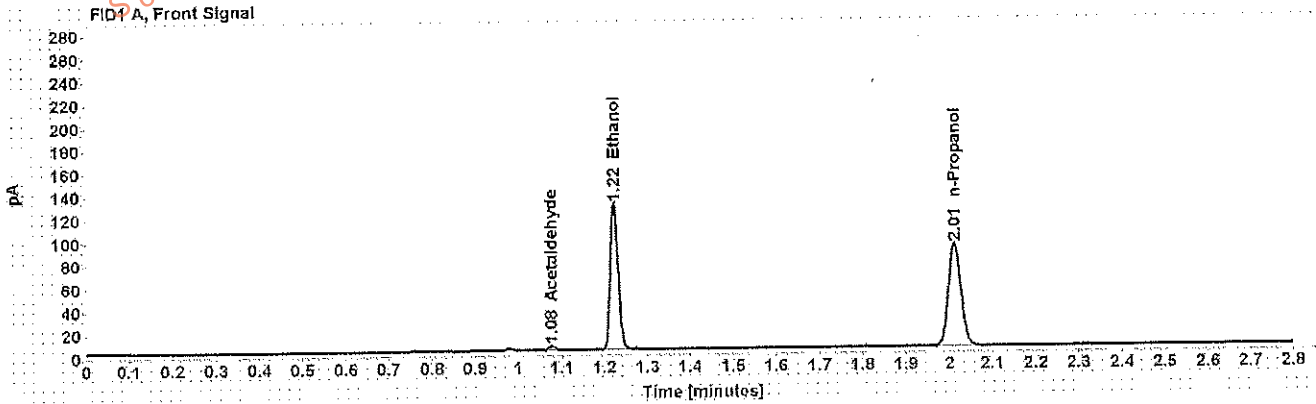


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	3.901
>Ethanol	0.2455	1.223	162.703
n-Propanol	-----	2.013	181.456

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.923
Ethanol	1.344	194.391
n-Propanol	2.375	212.598

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1192757
<b>Injection date:</b> 3/13/2018 11:38:37 AM	<b>Vial:</b> 18
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 13Mar18
<b>Instrument:</b> US14173023.GN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\11\Data\13Mar18\18.D	

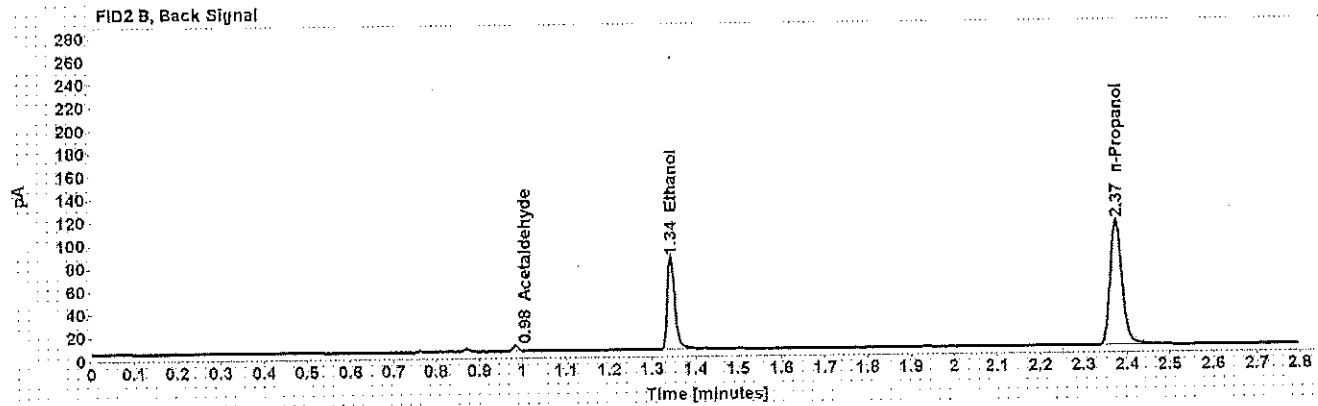
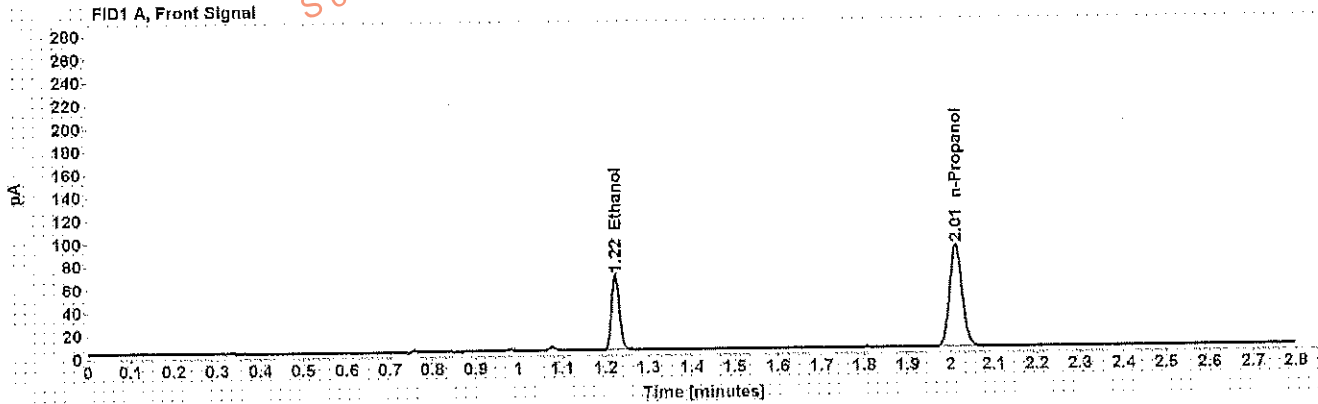


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1276	1.223	83.981
n-Propanol	-----	2.012	181.095

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	4.407
Ethanol	1.343	98.687
n-Propanol	2.374	210.977

Case: [REDACTED] User: wadrian 3/13/2018

## Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	[REDACTED]	Item number:	1192757
Injection date:	3/13/2018 11:42:52 AM	Vial:	19
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\13Mar18\19.D		

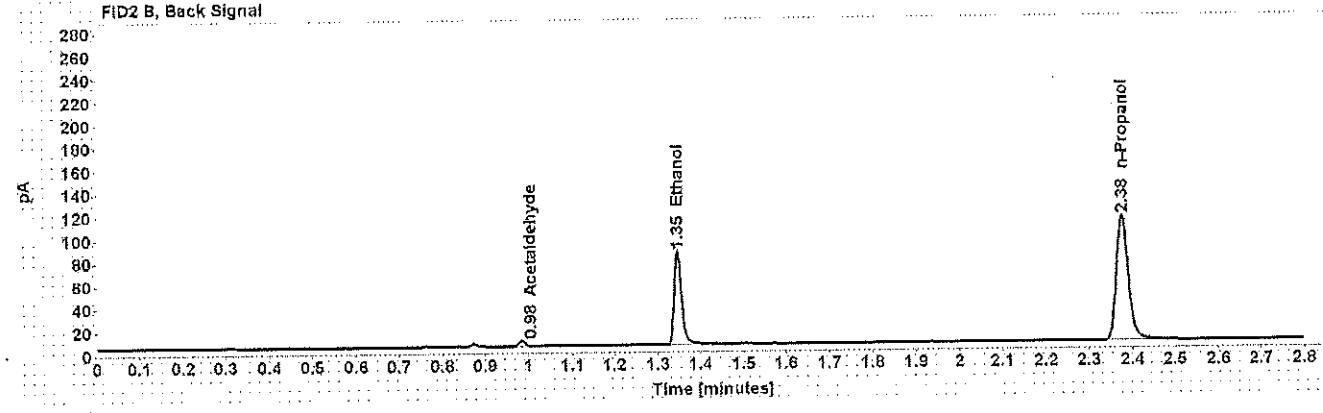
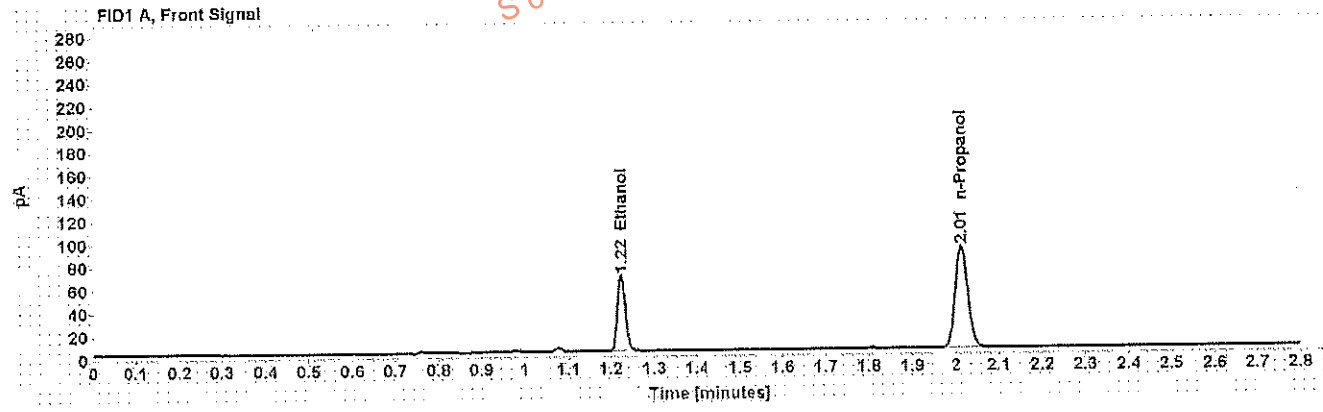


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1292	1.225	84.638
n-Propanol	-----	2.014	180.230

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	4.484
Ethanol	1.346	99.449
n-Propanol	2.377	210.469

Case: [REDACTED] User: wadrian 3/13/2018

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1202104  
Injection date: 3/13/2018 11:50:52 AM Vial: 21  
Method: ethanol quant M Sequence: 13Mar18  
Instrument: US14173023 CN14160045 Analyst: Adrian  
Data file: C:\Chem3211\Data\13Mar18\21.D

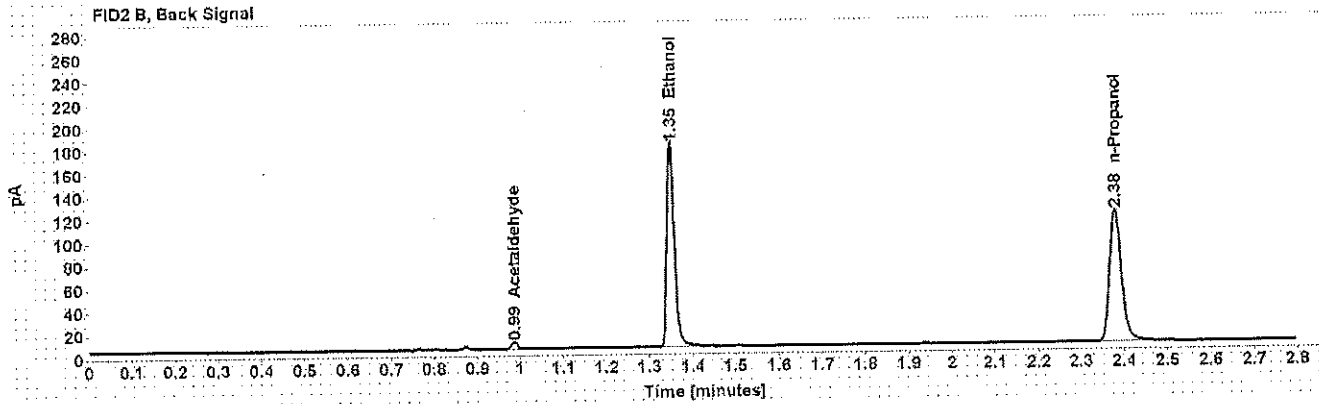
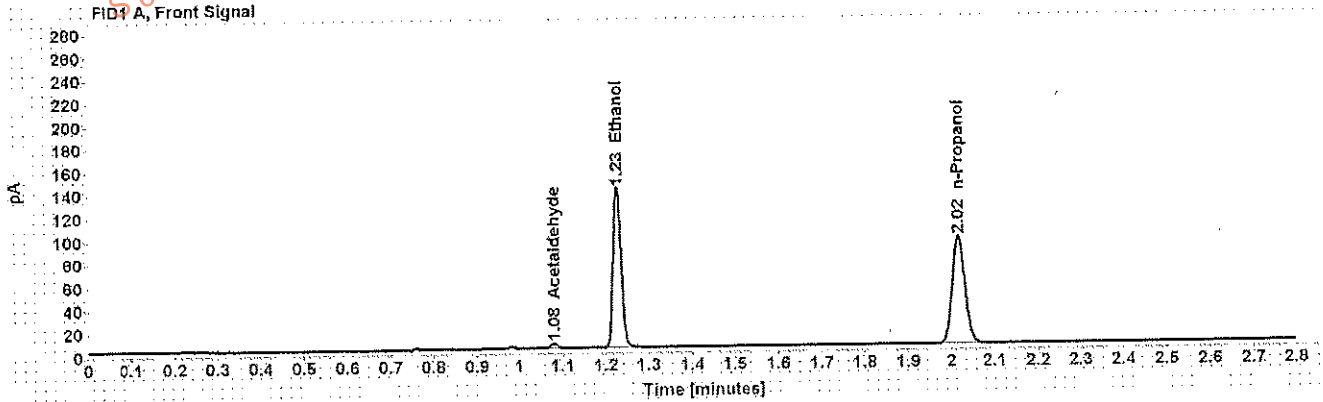


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.080	4.525
>Ethanol	0.2611	1.227	181.001
n-Propanol	-----	2.017	189.727

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	5.703
Ethanol	1.350	215.581
n-Propanol	2.381	222.252

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1202104
Injection date:	3/13/2018 11:54:52 AM	Vial:	22
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023.CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\13Mar18\22.D		

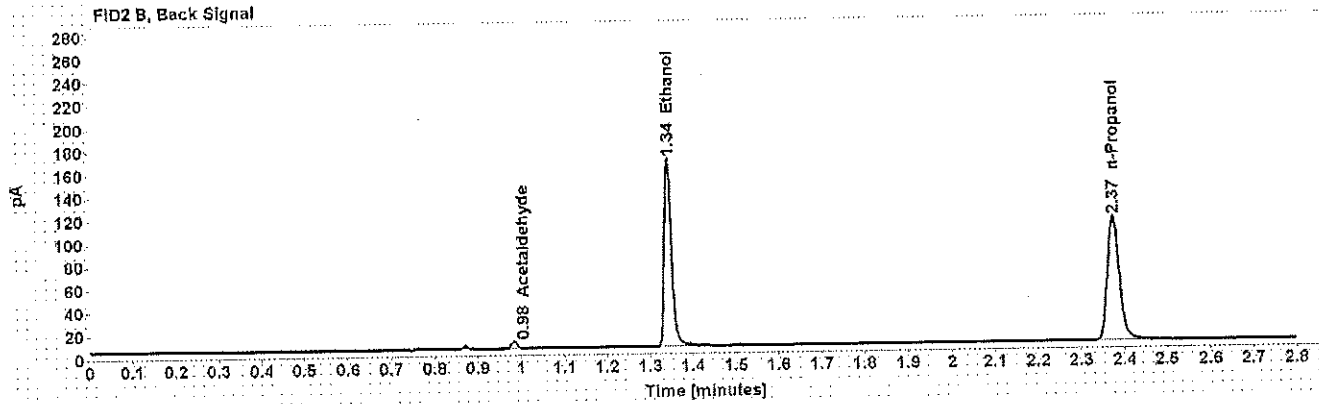
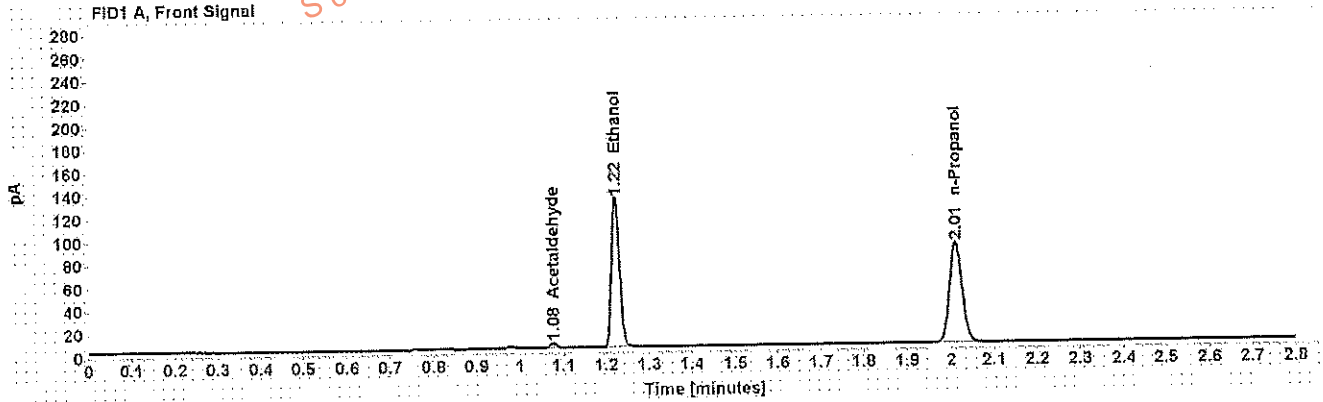


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.463
>Ethanol	0.2554	1.222	166.832
n-Propanol	-----	2.012	178.772

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.621
Ethanol	1.343	198.340
n-Propanol	2.374	209.500



Case: [REDACTED] User: wadrian 3/13/2018

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1198093
Injection date:	3/13/2018 11:58:52 AM	Vial:	23
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\13Mar18\23.D		

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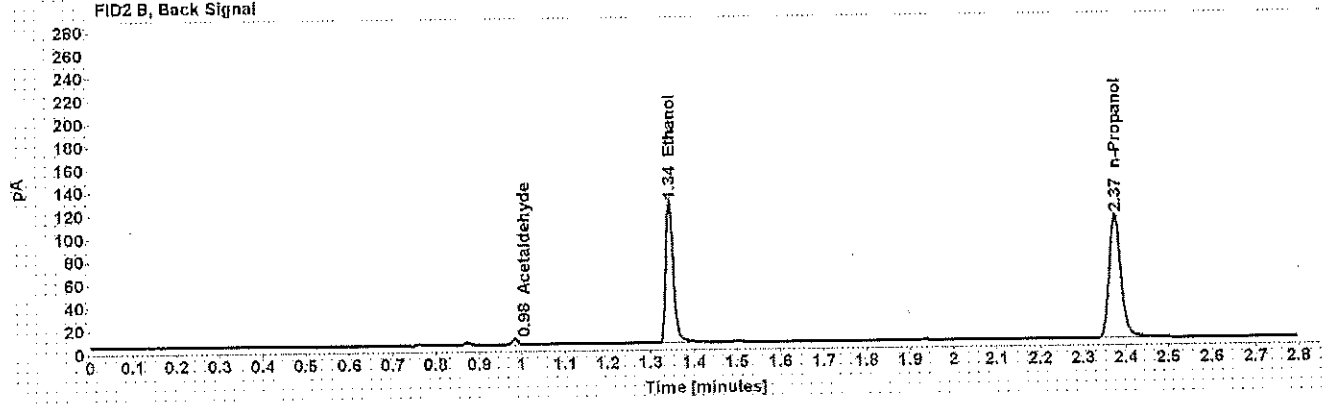
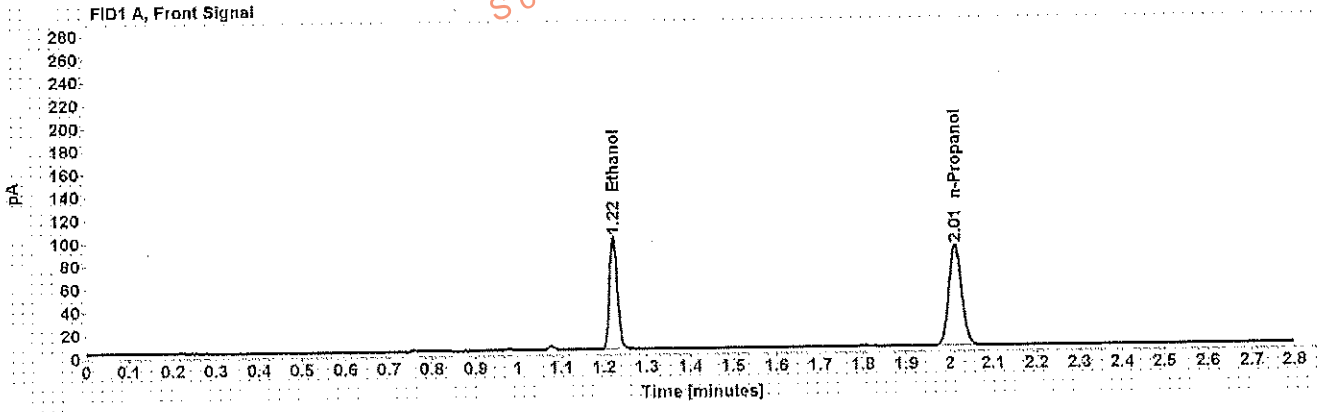


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1932	1.223	125.600
n-Propanol	-----	2.012	178.233

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.513
Ethanol	1.343	148.711
n-Propanol	2.375	208.052

Case: [REDACTED] User: wadrian 3/13/2018

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1198093
Injection date: 3/13/2018 12:02:52 PM	Vial: 24
Method: ethanol quant.M	Sequence: 13Mar18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Mar18\24.D	

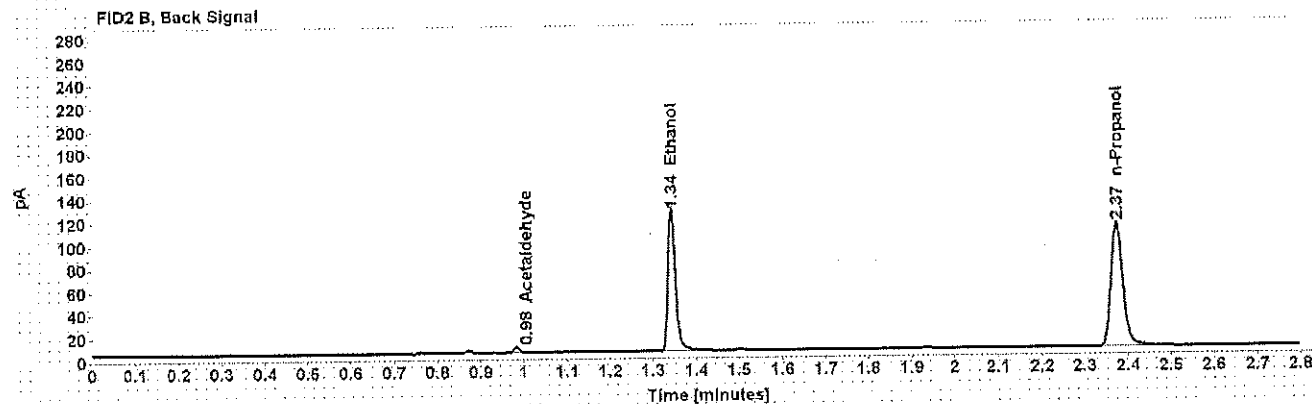
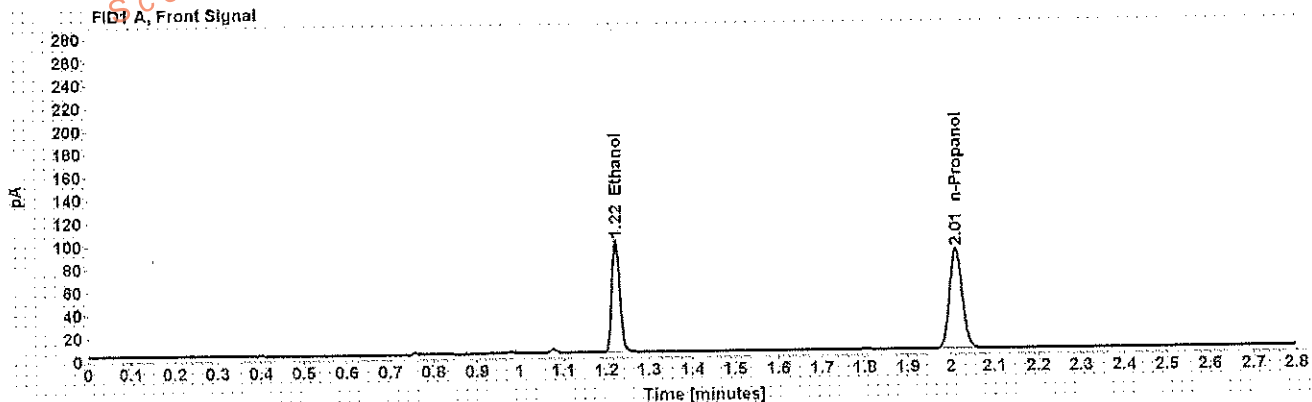


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1928	1.223	125.118
n-Propanol	-----	2.012	177.968

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	4.503
Ethanol	1.343	148.459
n-Propanol	2.374	208.017

Case: [REDACTED] User: wadrian 3/13/2018

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1198294  
Injection date: 3/13/2018 12:07:07 PM Vial: 25  
Method: ethanol quant.M Sequence: 13Mar18  
Instrument: US14173023.CN14160045 Analyst: Adrian  
Data file: C:\Chem32\11Data\13Mar18\25.D

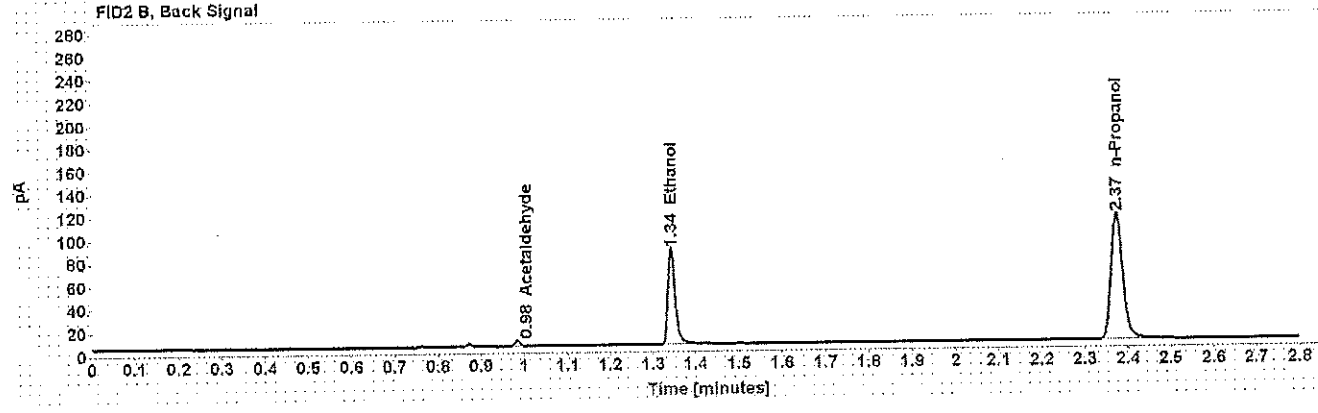
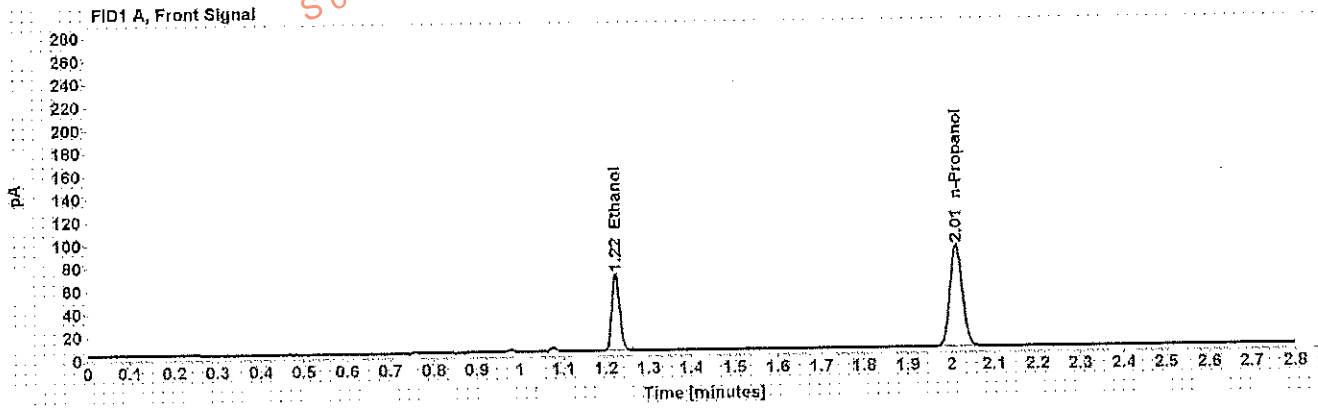


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1301	1.223	85.623
n-Propanol	-----	2.012	181.028

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	4.380
Ethanol	1.343	100.429
n-Propanol	2.374	212.125

## Scottsdale Police Department Crime Lab Volatiles Analysis

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Scottsdale City Prosecutor

Sample:	[REDACTED]	Item number:	1198294
Injection date:	3/13/2018 12:11:07 PM	Vial:	26
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\Data\13Mar18\26.D		

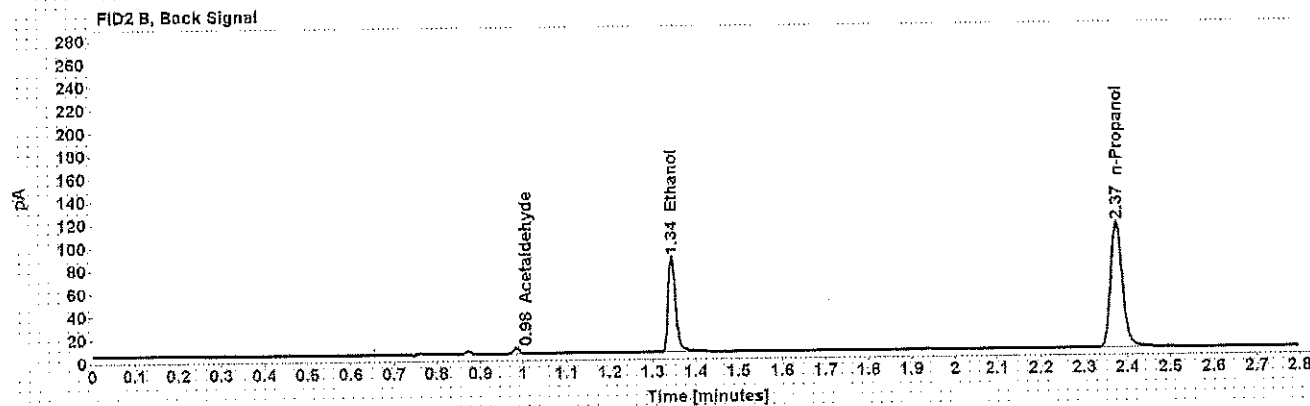
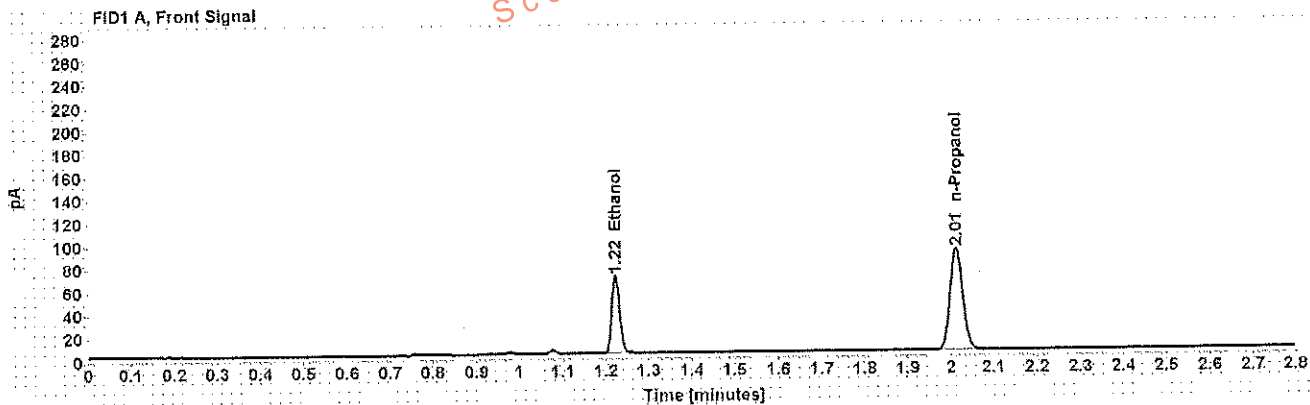


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1314	1.223	86.328
n-Propanol	-----	2.013	180.740

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.417
Ethanol	1.344	101.355
n-Propanol	2.375	211.528

Case: [REDACTED] User: wadrian 3/13/2018

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1198388  
Injection date: 3/13/2018 12:15:08 PM Vial: 27  
Method: ethanol quant.M Sequence: 13Mar18  
Instrument: US14173023 CN14160045 Analyst: Adrian  
Data file: C:\Chem321\Data\13Mar18\27.D

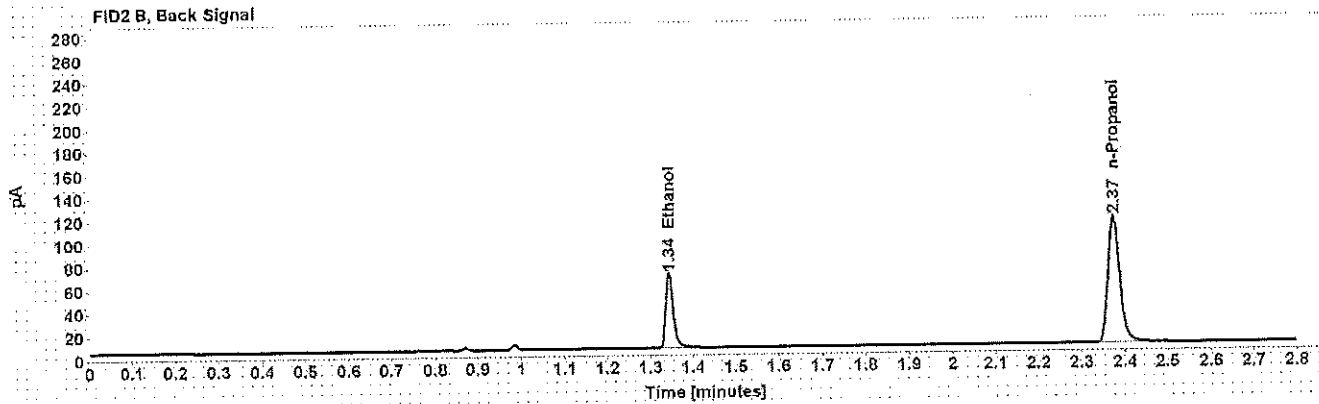
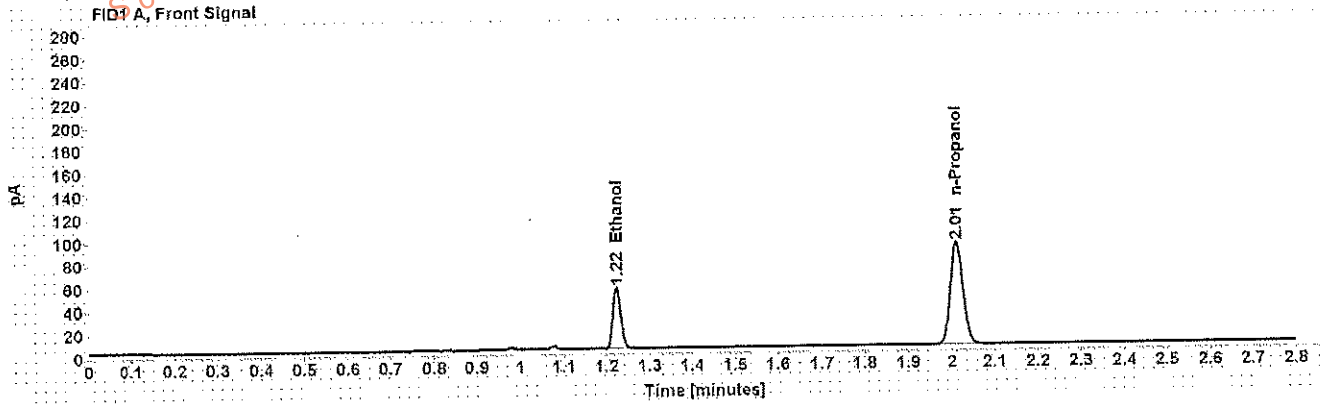


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1027	1.223	67.798
n-Propanol	-----	2.012	182.102

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

Compound	Time (min)	Peak Area
Ethanol	1.344	79.486
n-Propanol	2.374	213.240

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1198388
Injection date:	3/13/2018 12:19:07 PM	Vial:	28
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023.GN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\13Mar18\28.D		

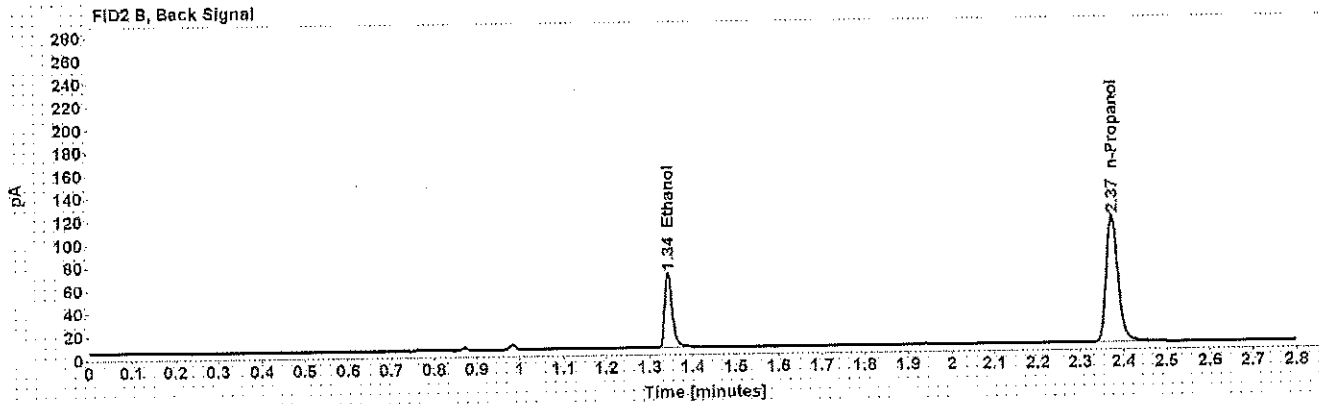
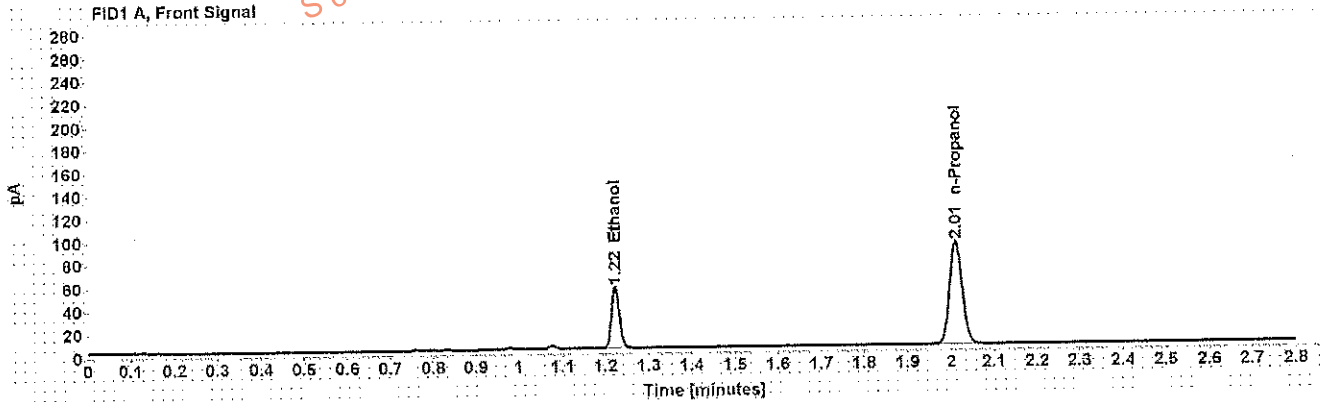


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1030	1.223	68.225
n-Propanol	-----	2.012	182.745

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

Compound	Time (min)	Peak Area
Ethanol	1.344	79.668
n-Propanol	2.374	213.775

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1198290
Injection date:	3/13/2018 12:23:07 PM	Vial:	29
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\Data\13Mar18\29.D		

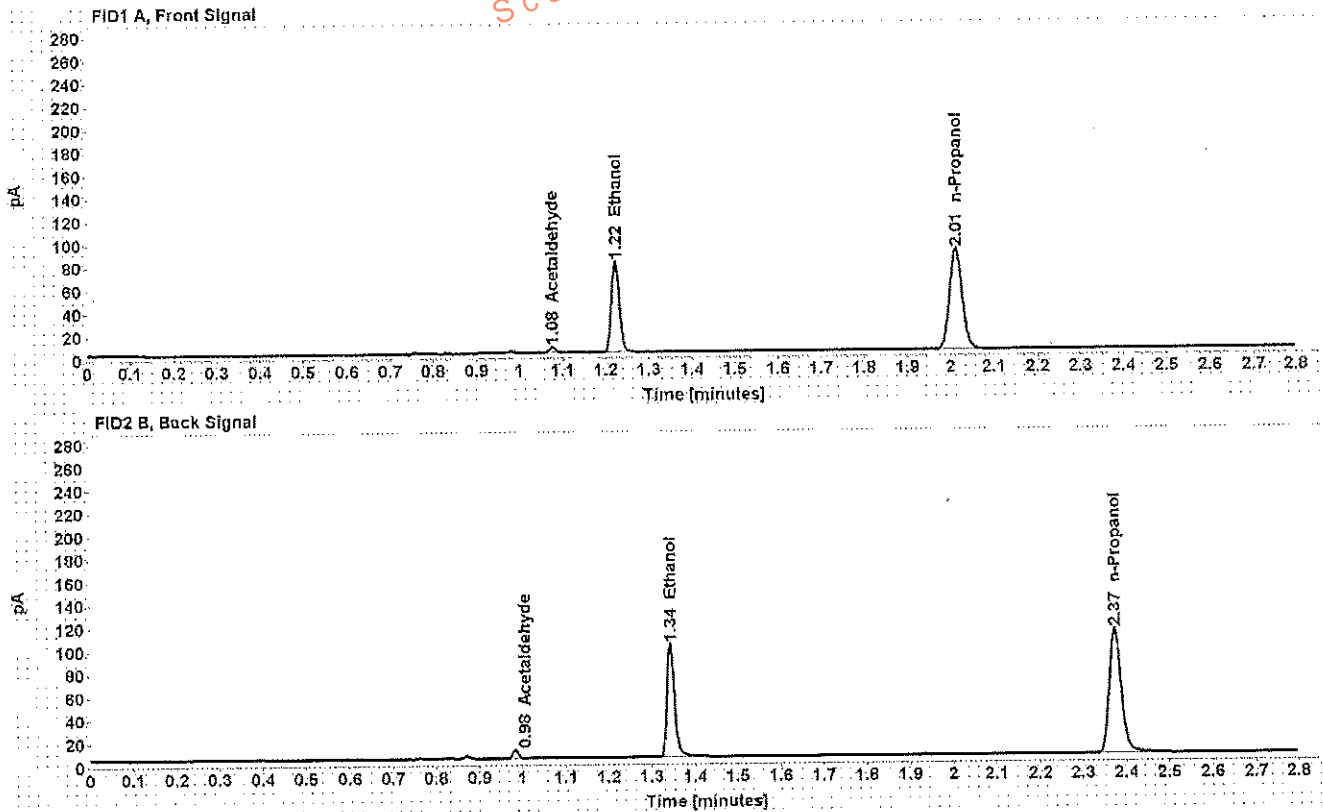


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	5.125
>Ethanol	0.1559	1.223	101.518
n-Propanol	-----	2.012	178.830

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	6.434
Ethanol	1.343	120.518
n-Propanol	2.374	209.256

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1198290
Injection date: 3/13/2018 12:27:07 PM	Vial: 30
Method: ethanol quant.M	Sequence: 13Mar18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\13Mar18\30.D	

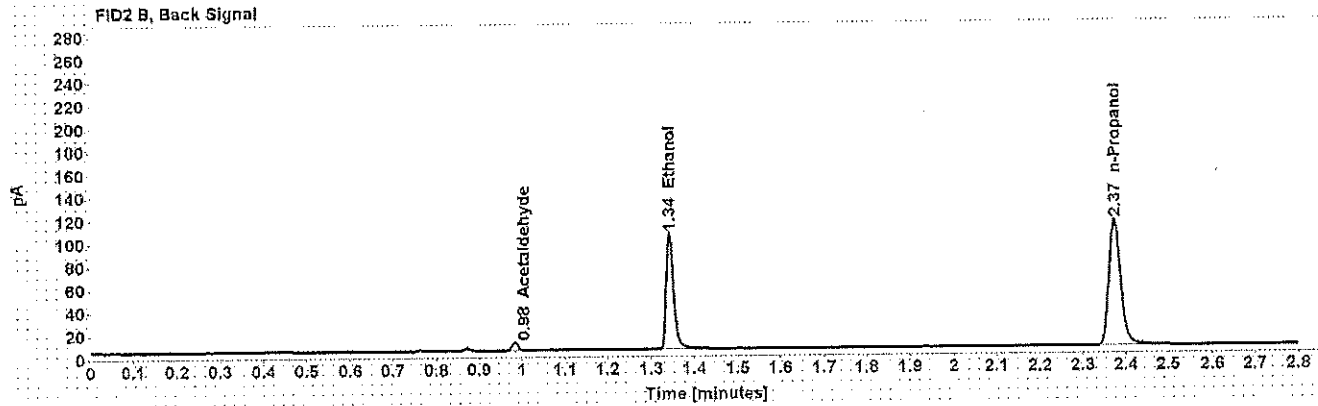
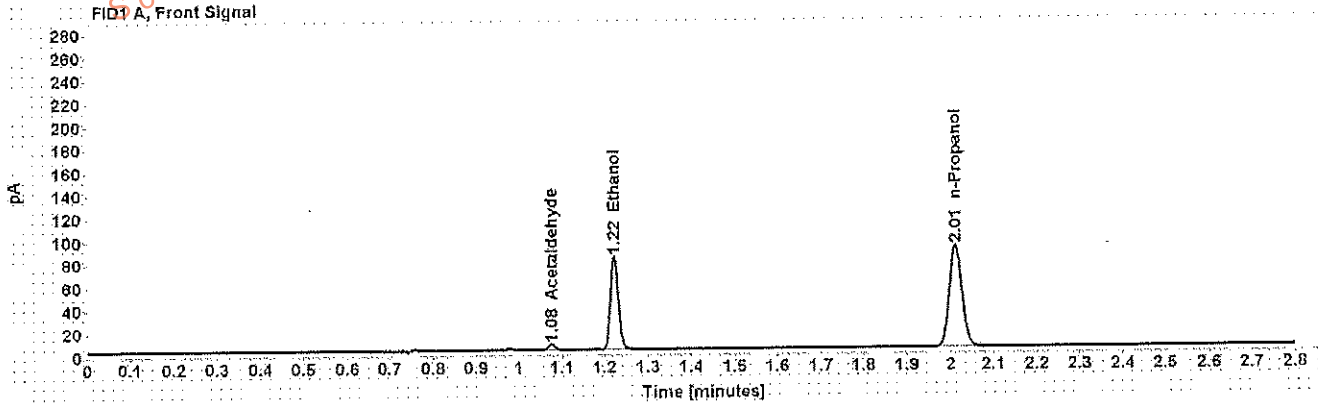


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.129
>Ethanol	0.1574	1.223	103.696
n-Propanol	-----	2.012	180.947

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.470
Ethanol	1.343	122.923
n-Propanol	2.374	212.029



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1198368
Injection date:	3/13/2018 12:35:22 PM	Vial:	32
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023.CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\13Mar18\32.D		

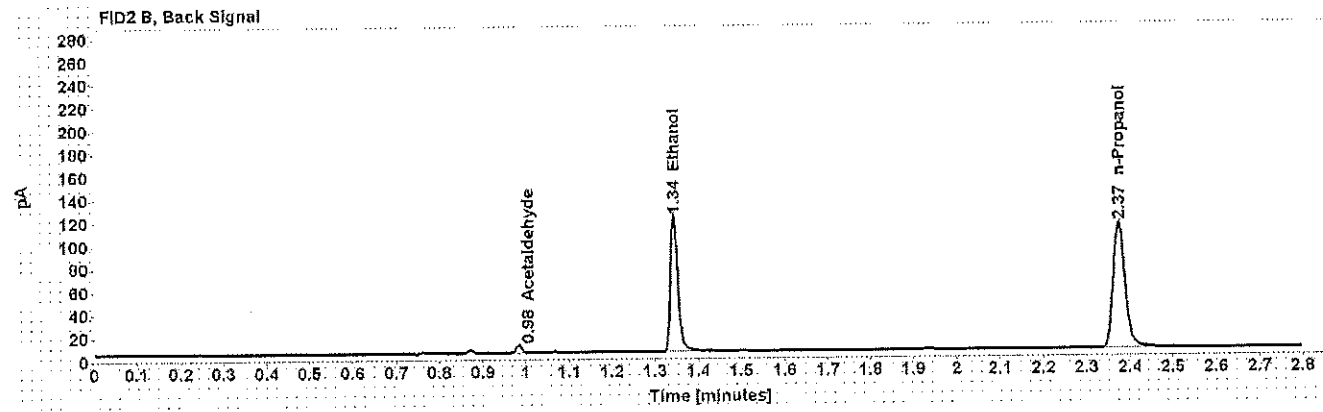
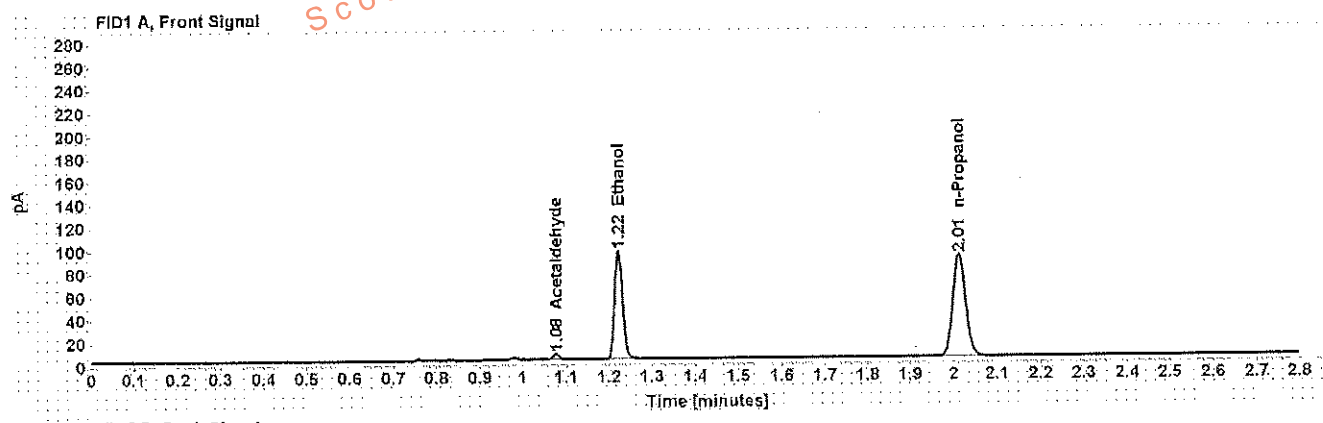


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.891
>Ethanol	0.1831	1.223	120.782
n-Propanol	-----	2.012	180.940

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.160
Ethanol	1.344	143.225
n-Propanol	2.375	212.291

Case: [REDACTED] User: wadrian 3/13/2018

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1198368  
Injection date: 3/13/2018 12:39:22 PM Vial: 33  
Method: ethanol quant.M Sequence: 13Mar18  
Instrument: US14173023 CN14160045 Analyst: Adrian  
Data file: C:\Chem321\Data\13Mar18\33.D

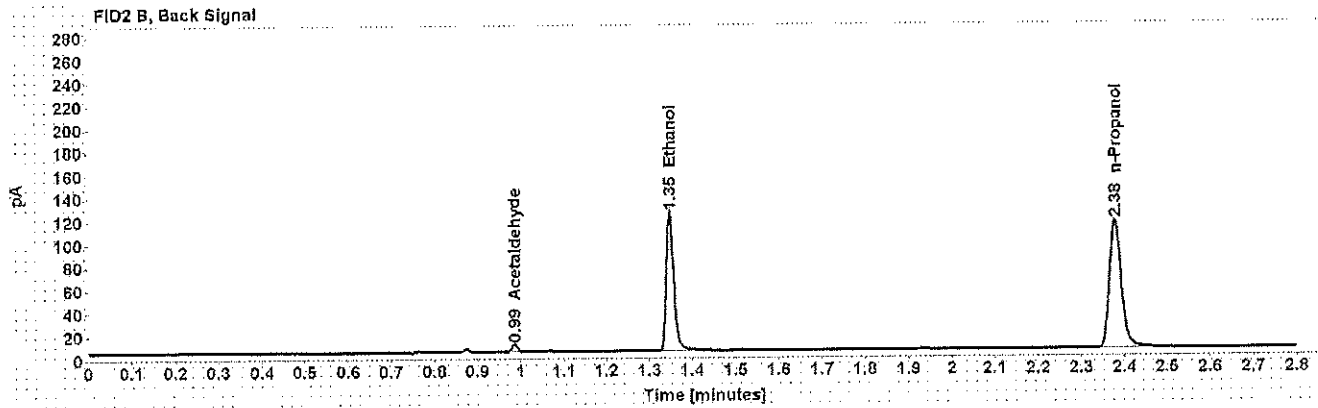
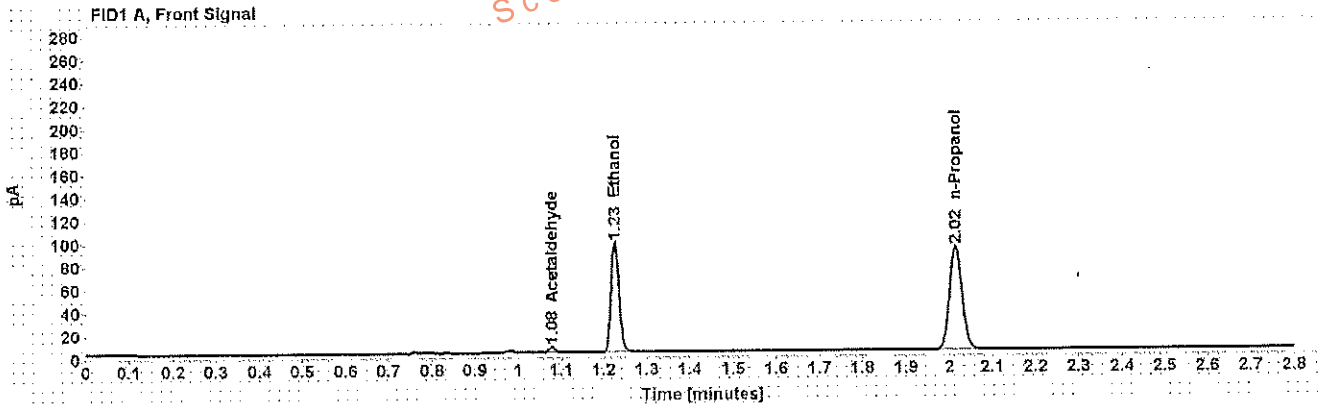


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.079	4.856
>Ethanol	0.1849	1.226	123.742
n-Propanol	-----	2.015	183.601

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	6.100
Ethanol	1.348	147.025
n-Propanol	2.379	215.360

Case: [redacted] User: wadrian 3/13/2018

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [redacted] Item number: 1199265  
Injection date: 3/13/2018 12:43:22 PM Vial: 34  
Method: ethanol quant.M Sequence: 13Mar18  
Instrument: US14173023 CN14160045 Analyst: Adrian  
Data file: C:\Chem32\11\Data\13Mar18\34.D

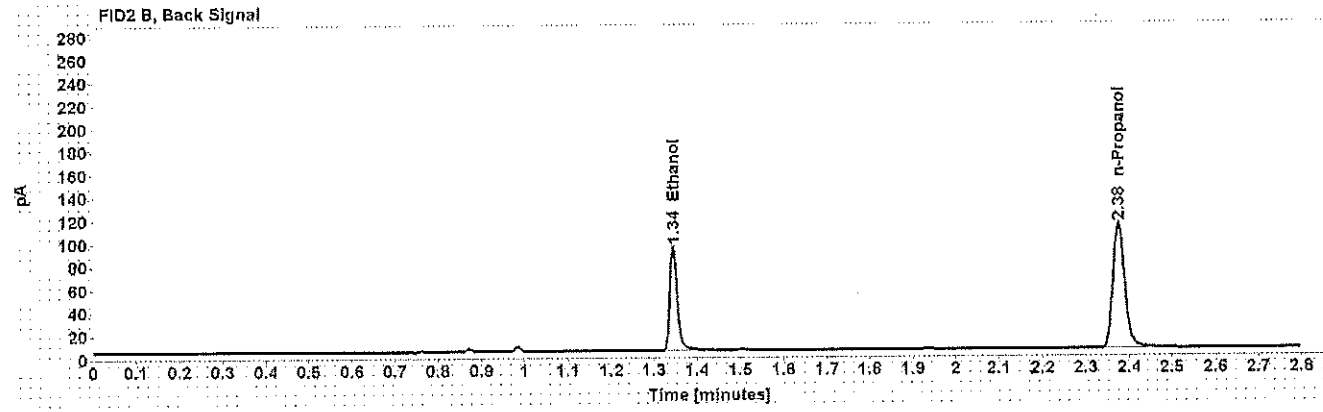
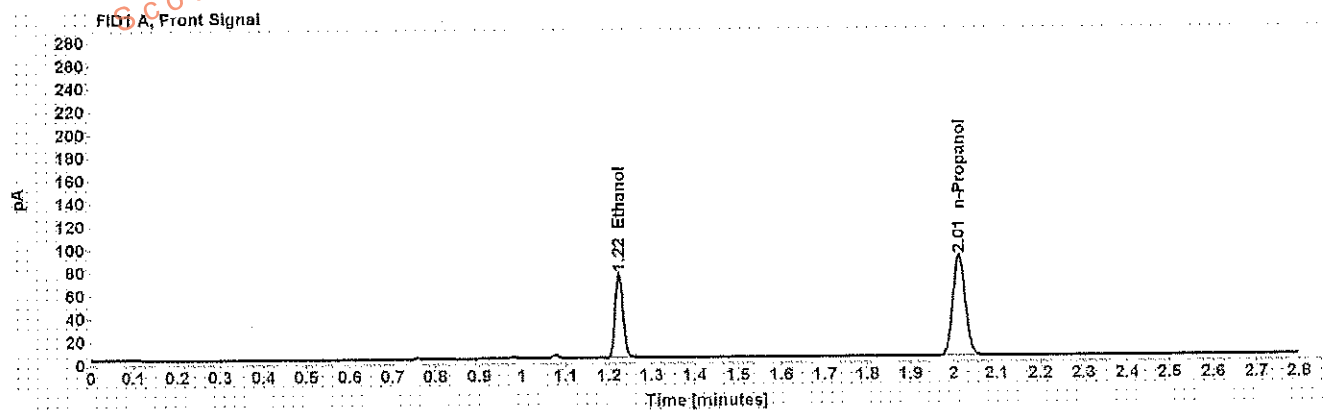


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1444	1.224	93.877
n-Propanol	-----	2.013	178.712

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

Compound	Time (min)	Peak Area
Ethanol	1.345	111.236
n-Propanol	2.375	209.829

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1199265
Injection date:	3/13/2018 12:47:22 PM	Vial:	35
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023.CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\13Mar18\35.D		

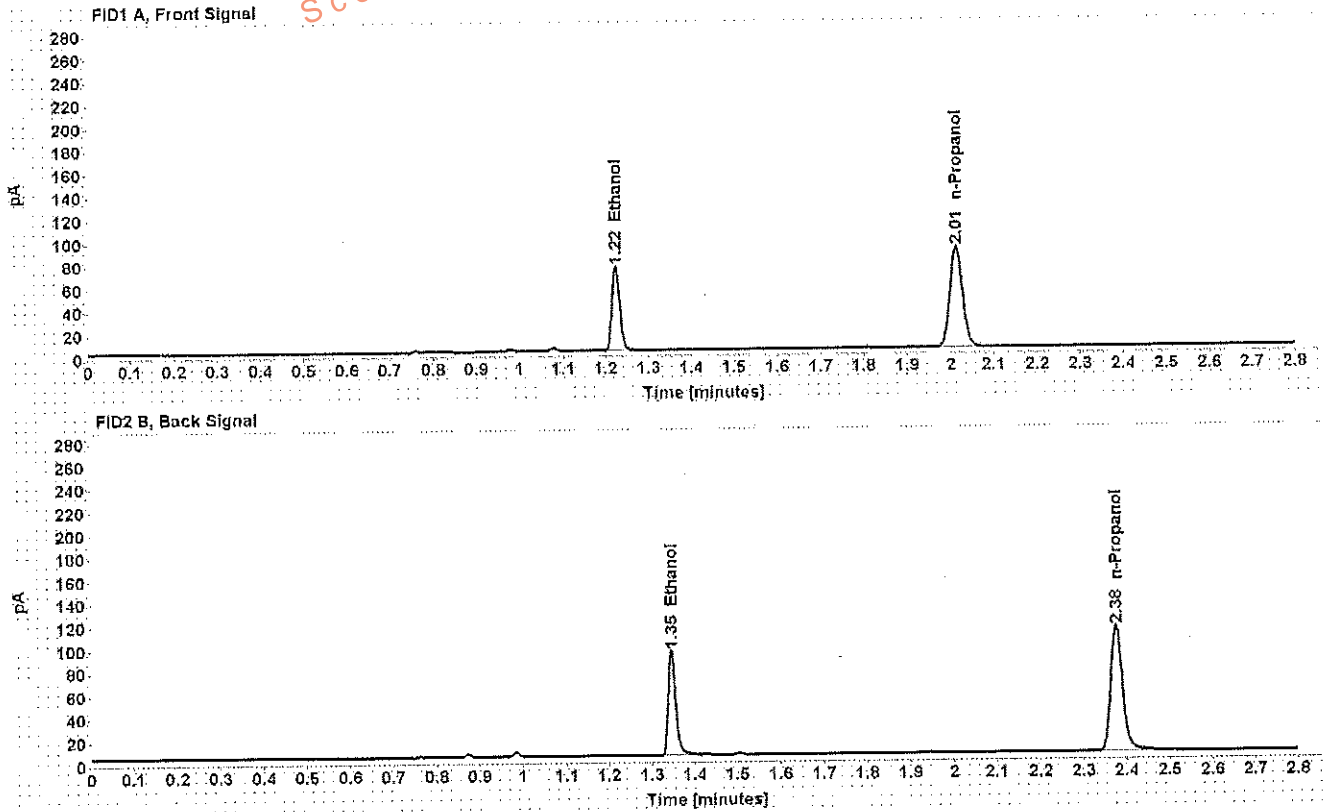


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1445	1.224	94.285
n-Propanol	-----	2.014	179.367

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

Compound	Time (min)	Peak Area
Ethanol	1.346	111.706
n-Propanol	2.376	210.767

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1198068
Injection date:	3/13/2018 12:51:22 PM	Vial:	36
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\Data\13Mar18\36.D		

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Scottsdale City Prosecutor

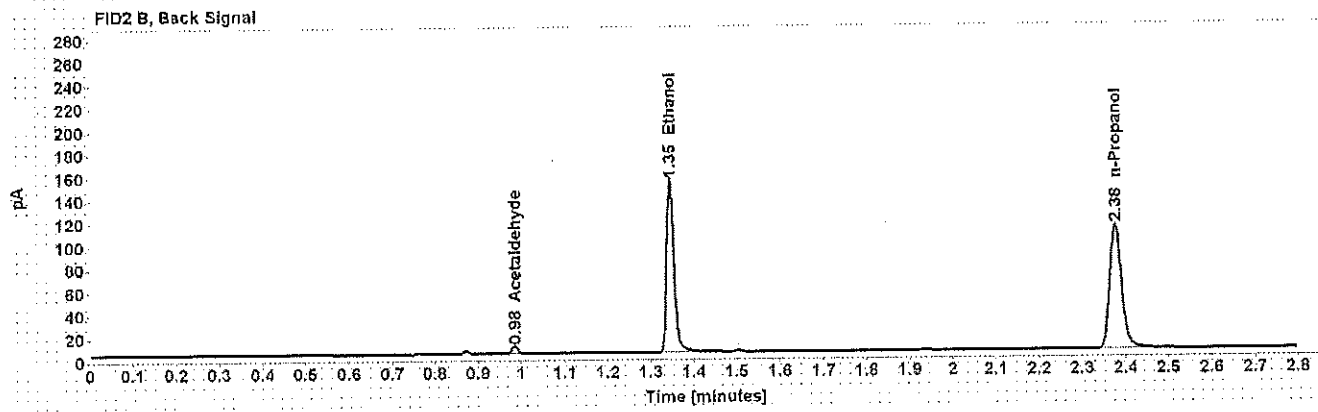
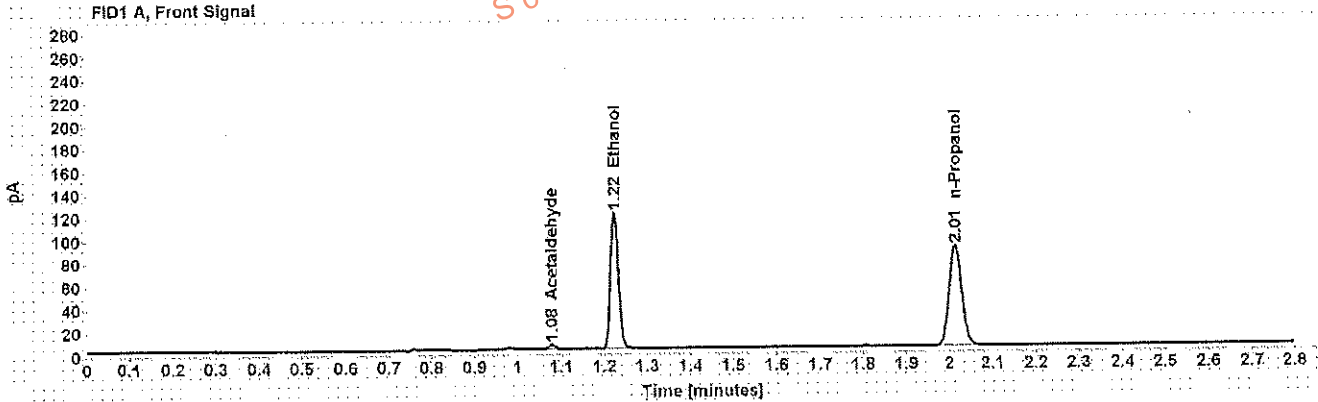


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.553
>Ethanol	0.2347	1.224	152.830
n-Propanol	-----	2.014	178.332

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	5.662
Ethanol	1.345	181.834
n-Propanol	2.376	209.381

Case: [REDACTED] User: wadrian 3/13/2018

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1198068
<b>Injection date:</b> 3/13/2018 12:55:37 PM	<b>Vial:</b> 37
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 13Mar18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
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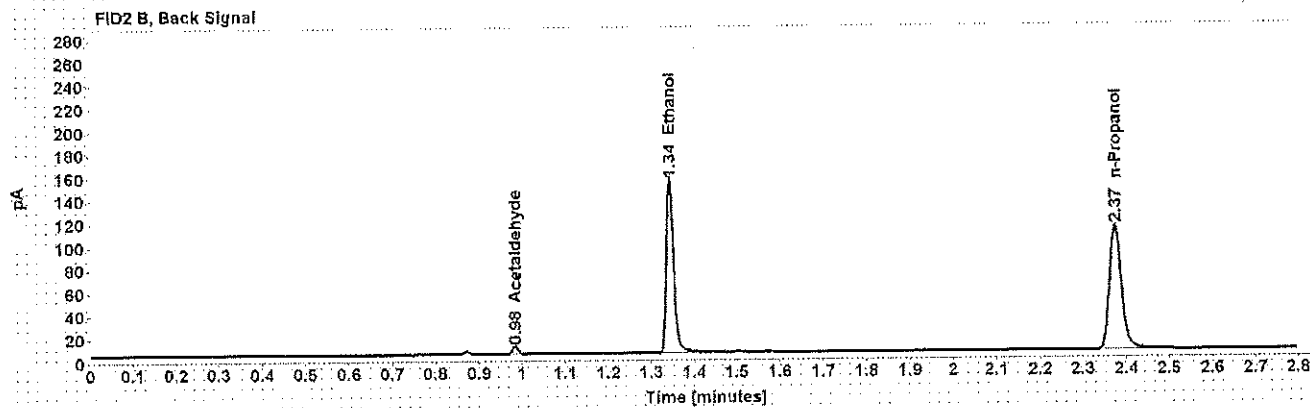
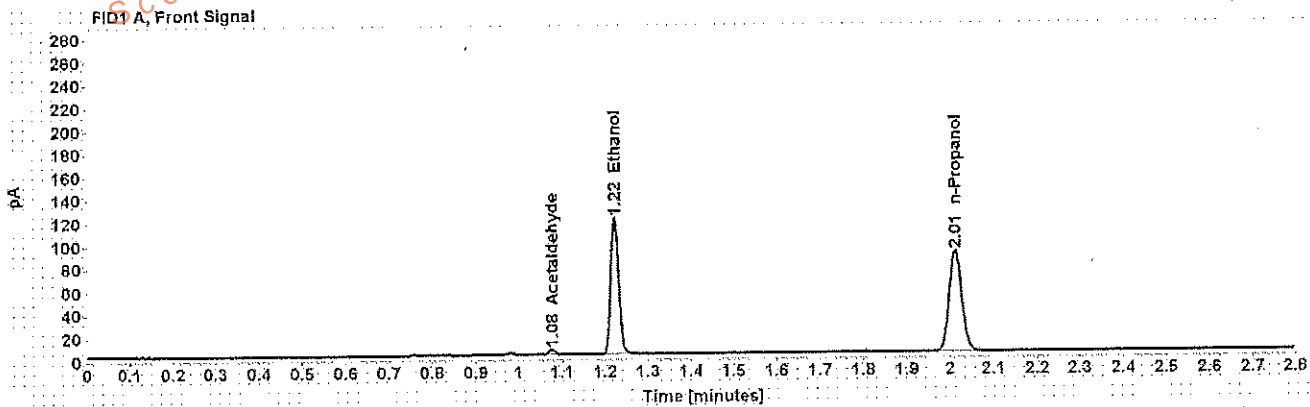


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.520
>Ethanol	0.2334	1.223	152.024
n-Propanol	-----	2.012	178.360

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.723
Ethanol	1.343	180.992
n-Propanol	2.375	209.696

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1199190
Injection date: 3/13/2018 12:59:37 PM	Vial: 38
Method: ethanol quant.M	Sequence: 13Mar18
Instrument: US14173023.CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\13Mar18\38.D	

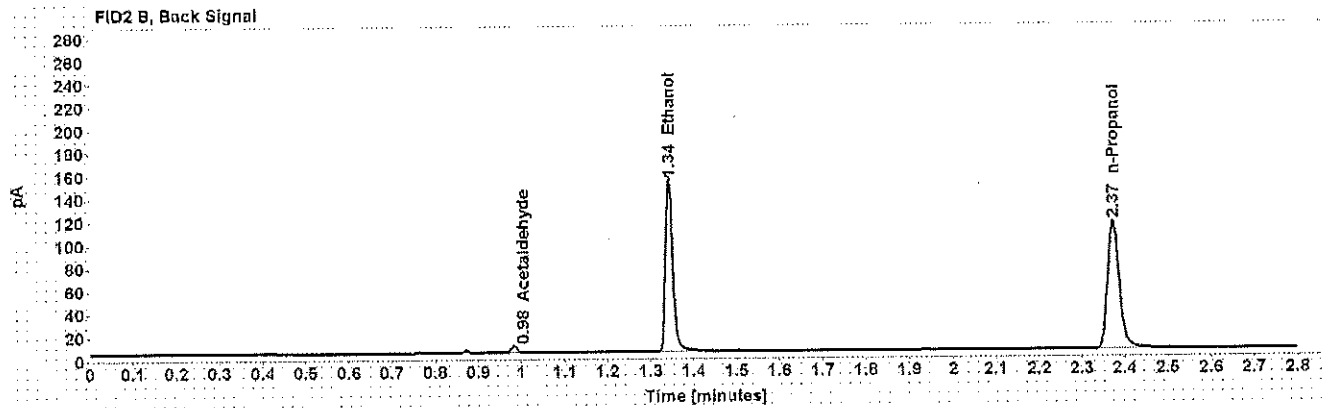
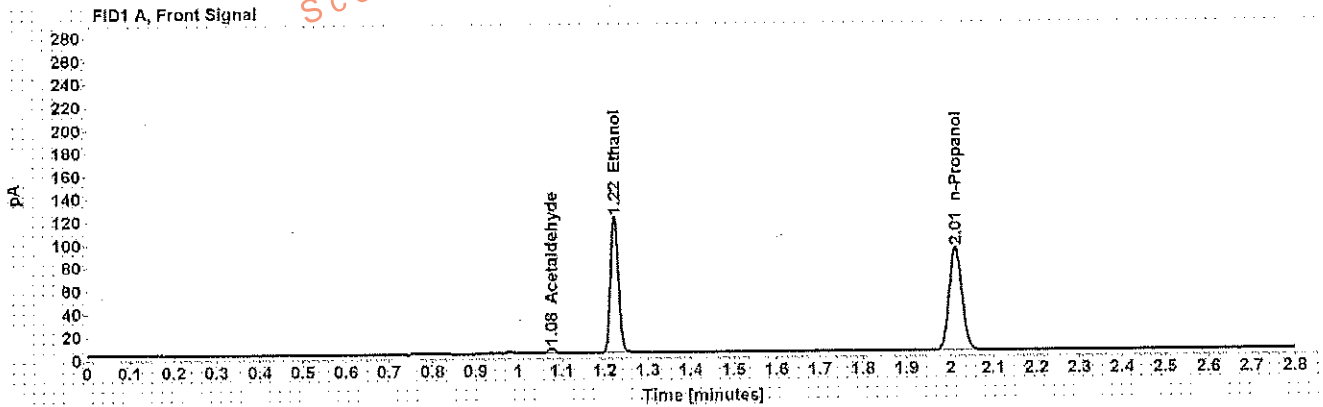


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.419
>Ethanol	0.2272	1.222	151.636
n-Propanol	-----	2.012	182.849

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.553
Ethanol	1.343	180.835
n-Propanol	2.374	214.842

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1199190
Injection date:	3/13/2018 1:03:37 PM	Vial:	39
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\1\Data\13Mar18\39.D		

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Scottsdale City Prosecutor

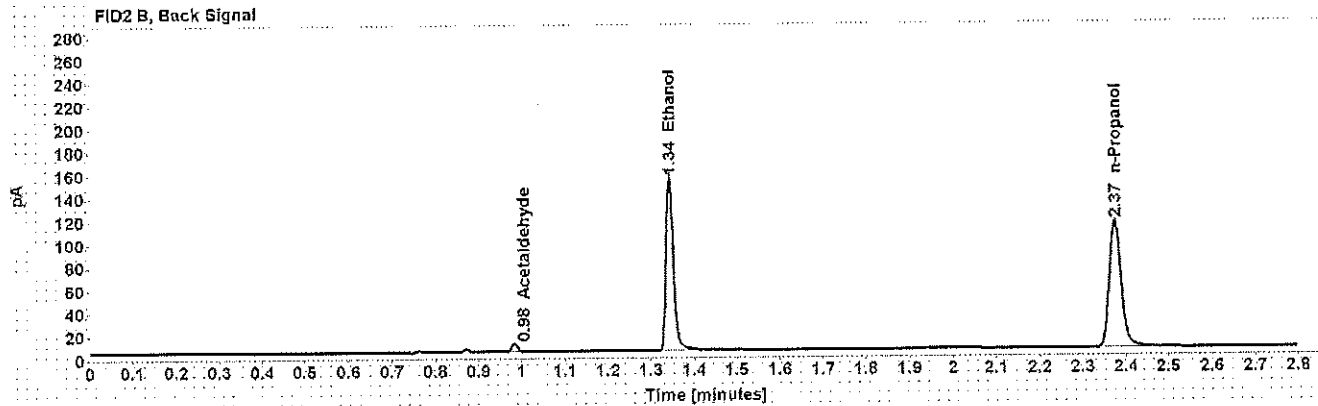
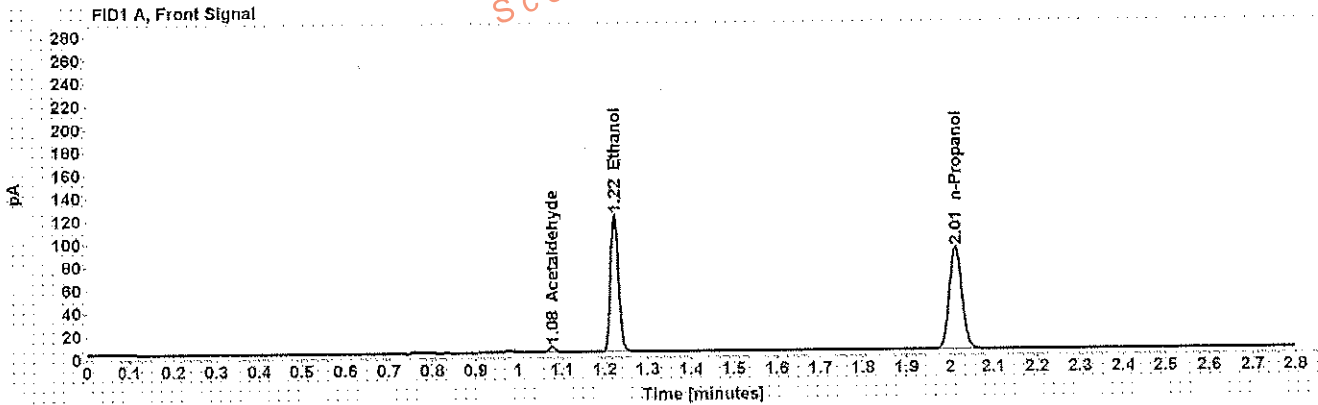


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.003
>Ethanol	0.2299	1.223	152.700
n-Propanol	-----	2.012	181.951

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.299
Ethanol	1.343	181.658
n-Propanol	2.374	214.036



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1200805
Injection date: 3/13/2018 1:07:37 PM	Vial: 40
Method: ethanol quant M	Sequence: 13Mar18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Mar18\40.D	

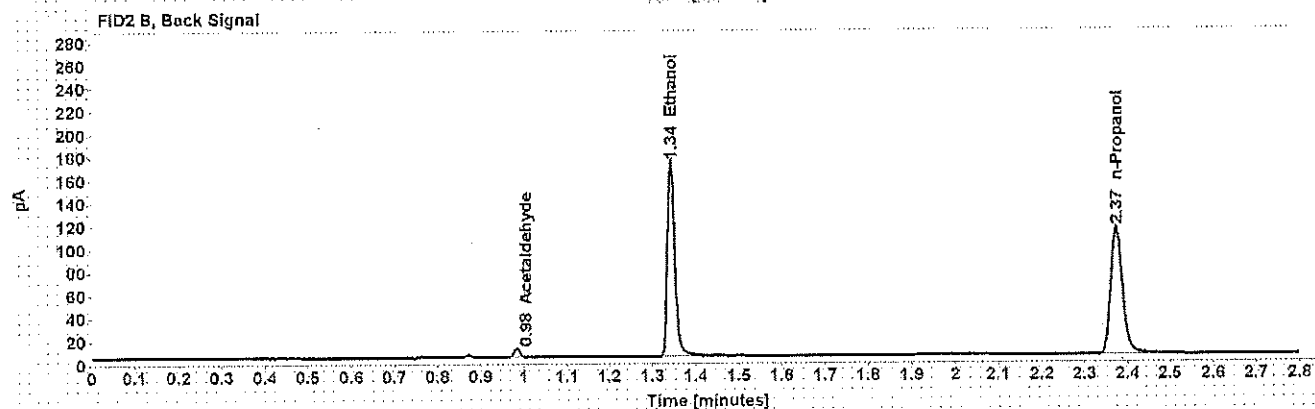
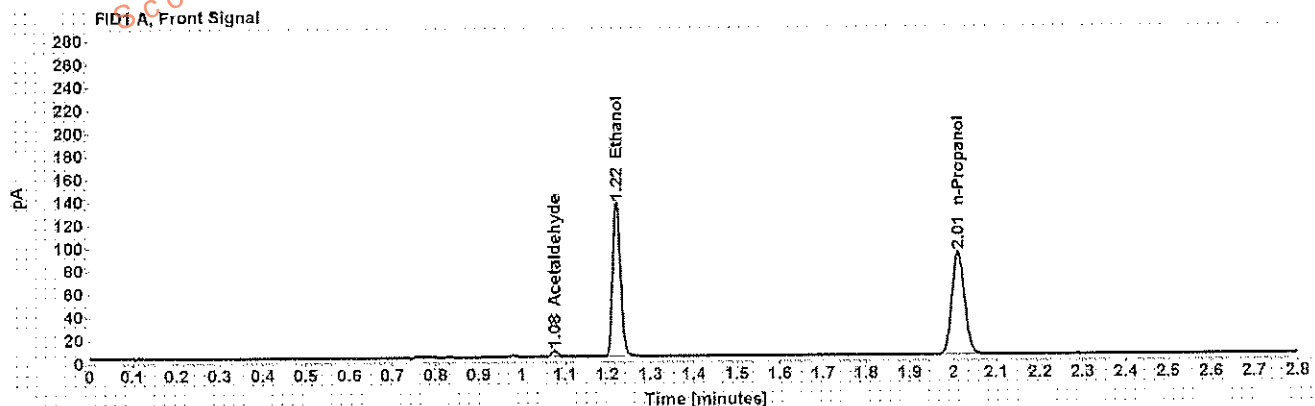


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.671
>Ethanol	0.2578	1.222	171.550
n-Propanol	-----	2.012	182.146

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	7.118
Ethanol	1.343	204.368
n-Propanol	2.374	214.173

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1200805
Injection date: 3/13/2018 1:11:37 PM	Vial: 41
Method: ethanol quant.M	Sequence: 13Mar18
Instrument: US14173023.GN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Mar18\41.D	

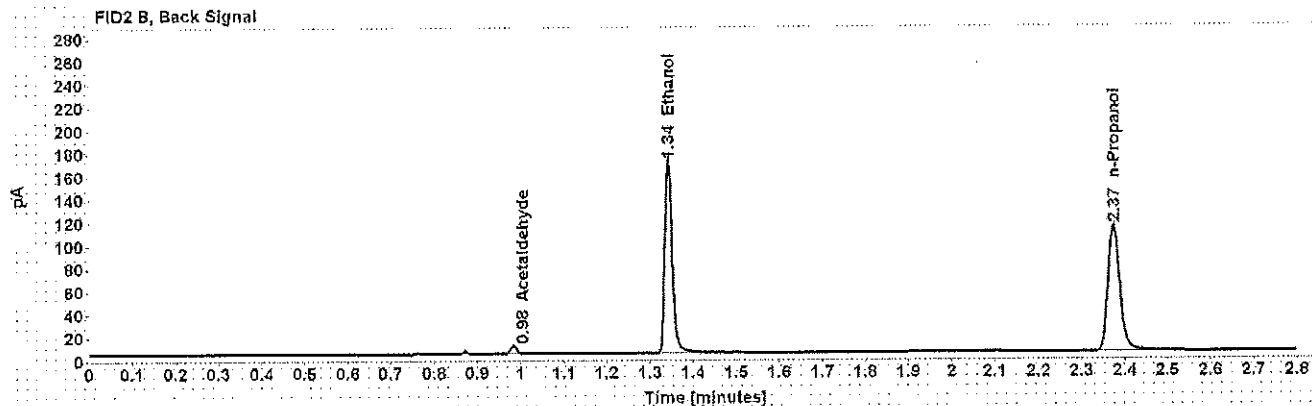
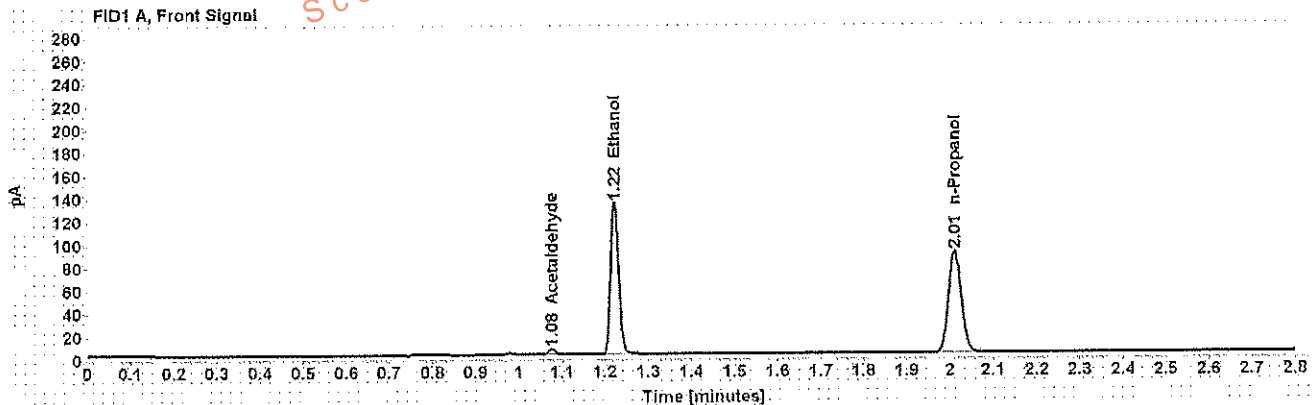


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.191
>Ethanol	0.2566	1.222	169.310
n-Propanol	-----	2.012	180.603

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	6.577
Ethanol	1.343	202.094
n-Propanol	2.374	212.464

## Scottsdale Police Department Crime Lab Volatiles Analysis

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Scottsdale City Prosecutor

Sample:	[REDACTED]	Item number:	1200343
Injection date:	3/13/2018 1:19:52 PM	Vial:	43
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\13Mar18\43.D		

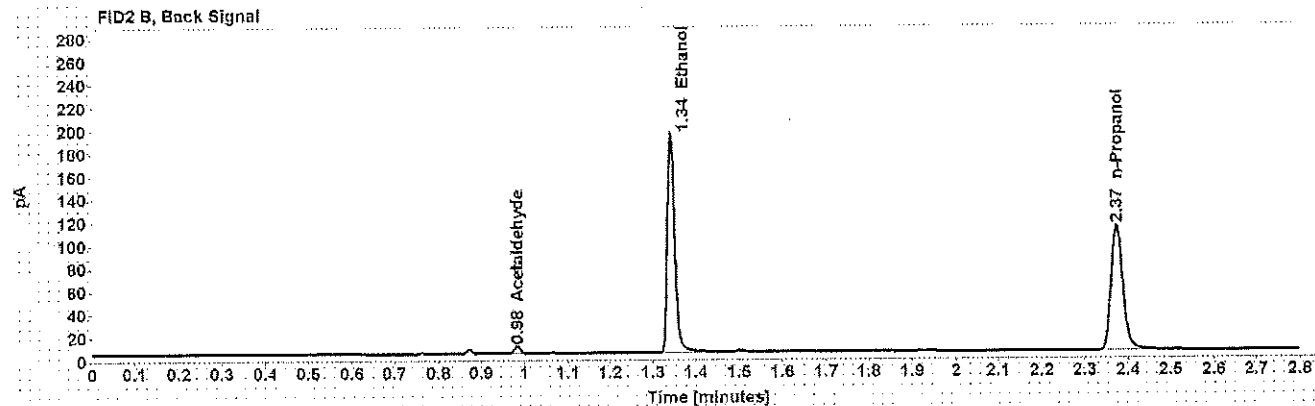
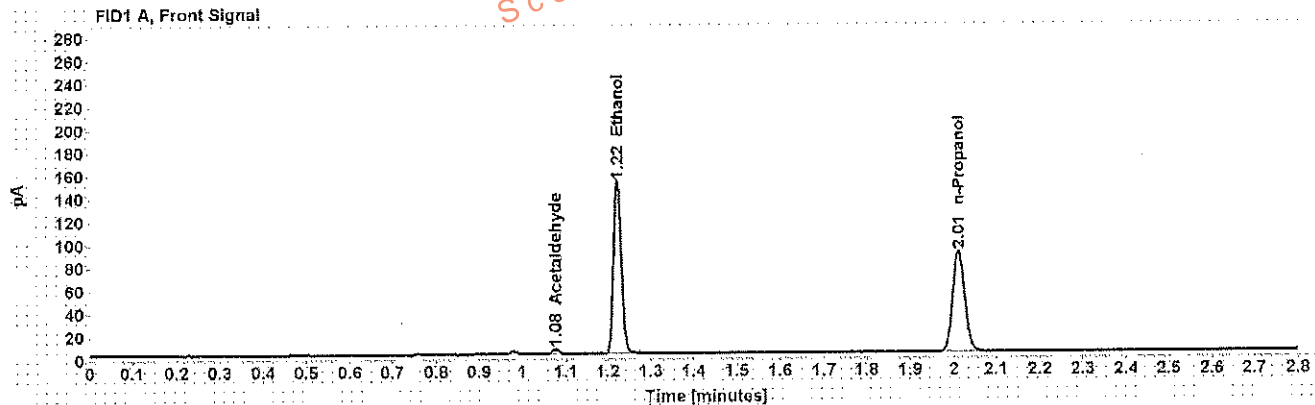


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.453
>Ethanol	0.2953	1.222	192.555
n-Propanol	-----	2.012	178.343

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.619
Ethanol	1.342	231.179
n-Propanol	2.374	210.738

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1200343
Injection date: 3/13/2018 1:23:52 PM	Vial: 44
Method: ethanol quant M	Sequence: 13Mar18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Mar18\44.D	

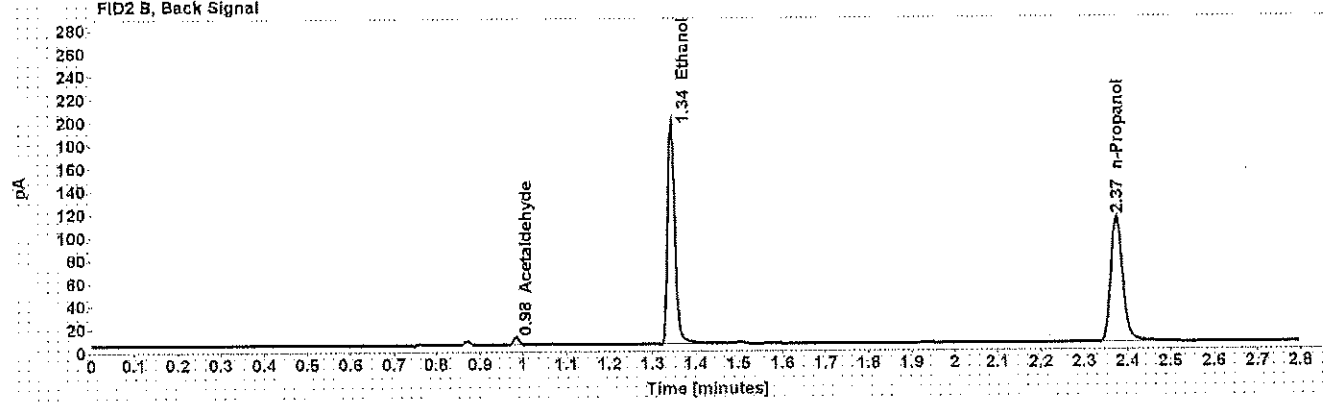
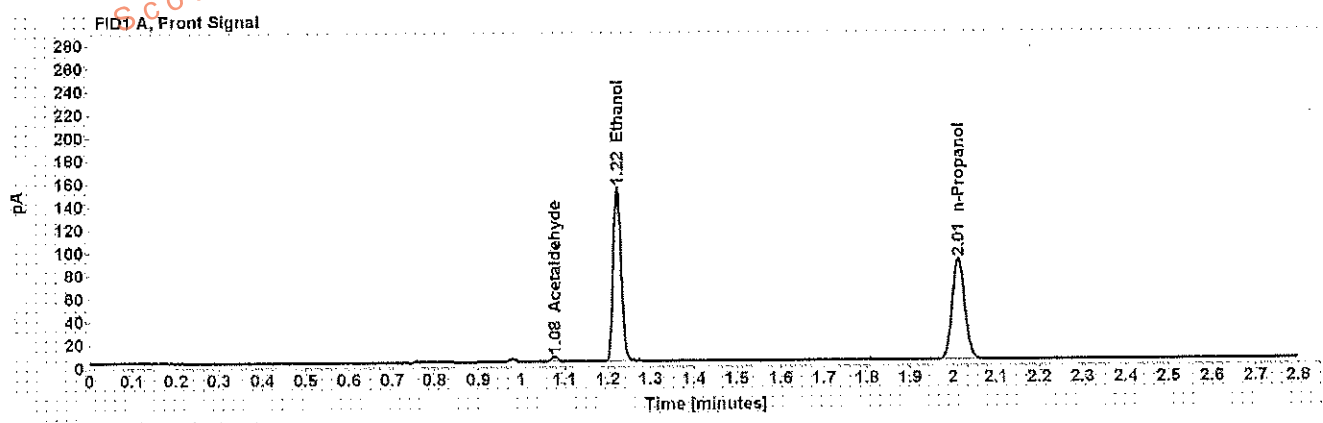


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.563
>Ethanol	0.2968	1.222	194.445
n-Propanol	-----	2.012	179.197

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.734
Ethanol	1.343	233.801
n-Propanol	2.374	211.428

### Scottsdale Police Department Crime Lab Volatiles Analysis

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED.  
 Scottsdale City Prosecutor's Office

Sample: [REDACTED]	Item number: 1202153
Injection date: 3/13/2018 1:27:52 PM	Vial: 45
Method: ethanol quant.M	Sequence: 13Mar18
Instrument: US14173023.GN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Mar18\45.D	

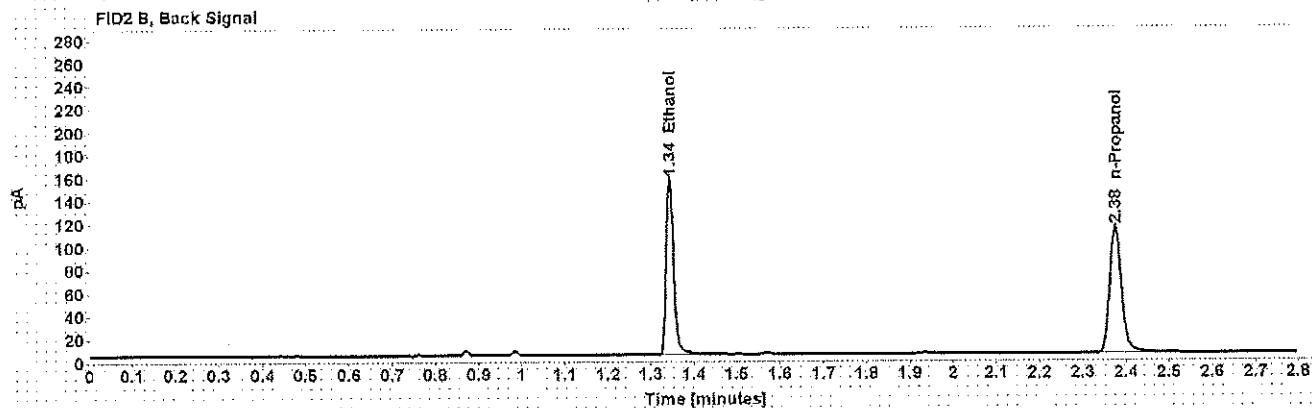
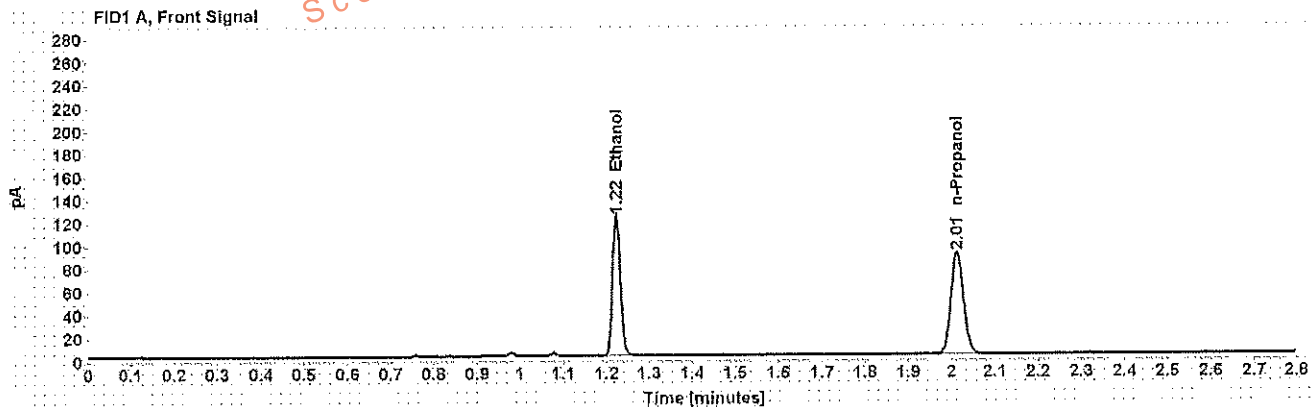


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2354	1.223	155.716
n-Propanol	-----	2.013	181.153

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

Compound	Time (min)	Peak Area
Ethanol	1.344	186.741
n-Propanol	2.375	212.940

## Scottsdale Police Department Crime Lab Volatiles Analysis

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED.  
Scottsdale City Prosecutor

Sample:	[REDACTED]	Item number:	1202153
Injection date:	3/13/2018 1:31:52 PM	Vial:	46
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\13Mar18\46.D		

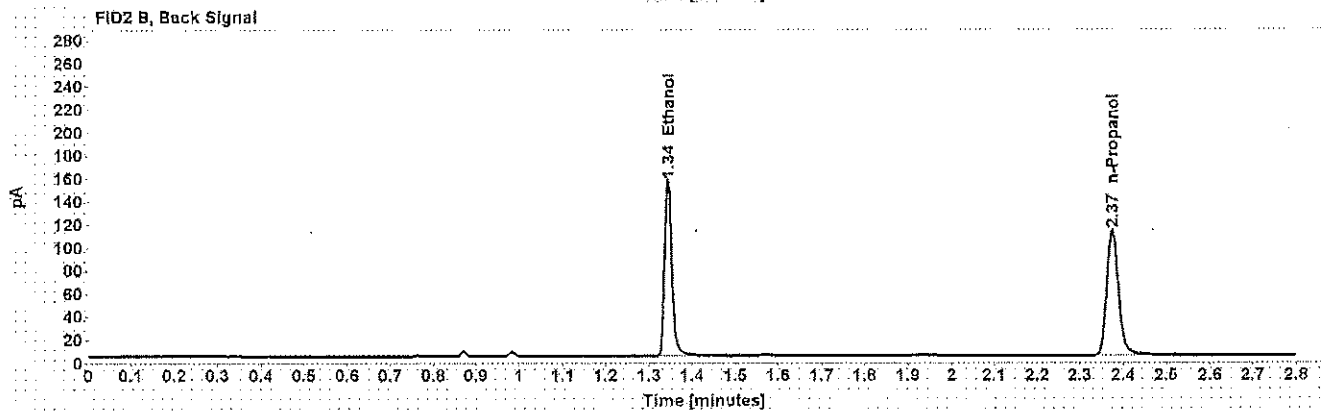
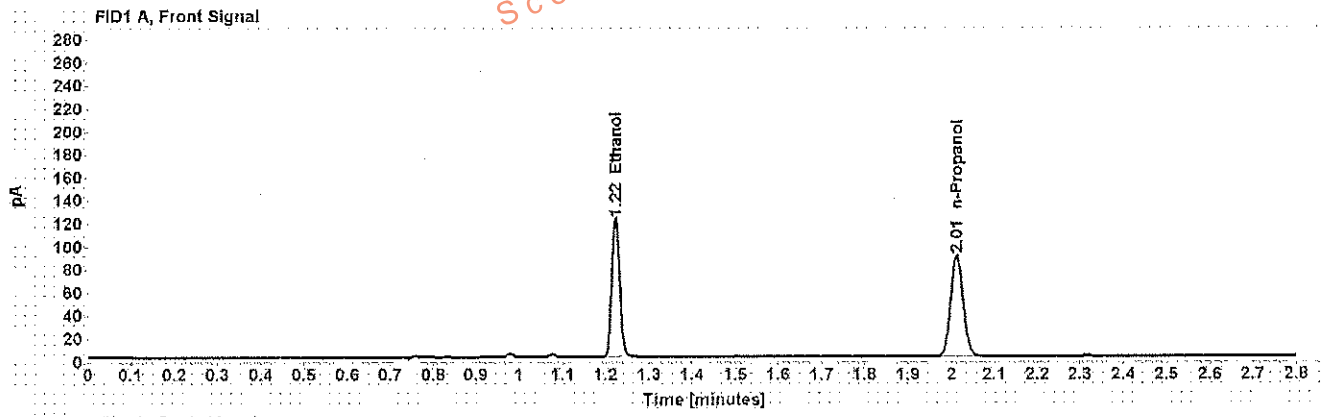


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2373	1.223	154.561
n-Propanol	-----	2.013	178.366

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

Compound	Time (min)	Peak Area
Ethanol	1.344	185.531
n-Propanol	2.375	210.996

Case: [REDACTED] User: wadrian 3/13/2018

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1198280  
Injection date: 3/13/2018 1:35:52 PM Vial: 47  
Method: ethanol quant.M Sequence: 13Mar18  
Instrument: US14173023 CN14160045 Analyst: Adrian  
Data file: C:\Chem32\11\Data\13Mar18\47.D

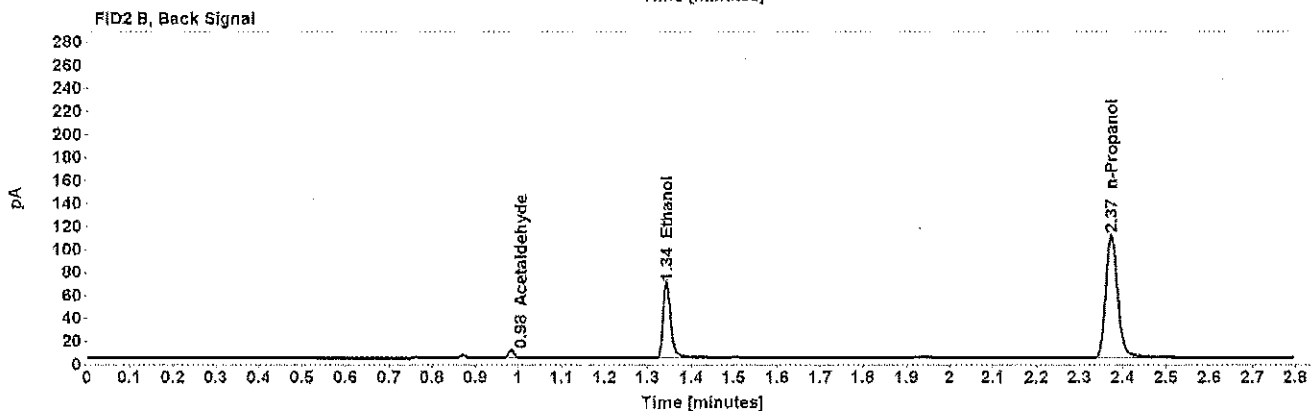
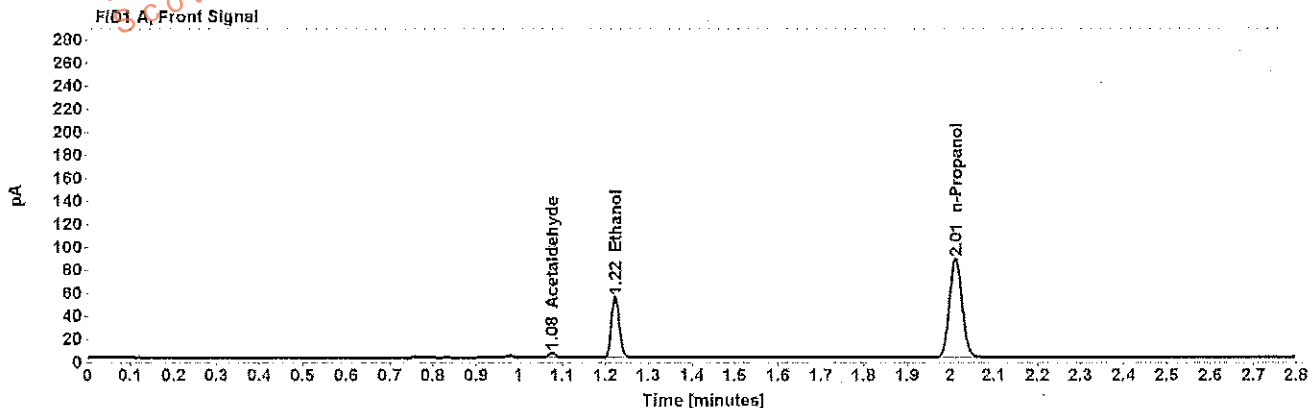


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.730
>Ethanol	0.1069	1.223	68.305
n-Propanol	-----	2.012	176.213

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.960
Ethanol	1.343	80.029
n-Propanol	2.374	207.112

Case: [REDACTED] User: wadrian 3/13/2018

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1198280  
Injection date: 3/13/2018 1:39:52 PM Vial: 48  
Method: ethanol quant.M Sequence: 13Mar18  
Instrument: US14173023.CN14160045 Analyst: Adrian  
Data file: C:\Chem32\11\Data\13Mar18\48.D

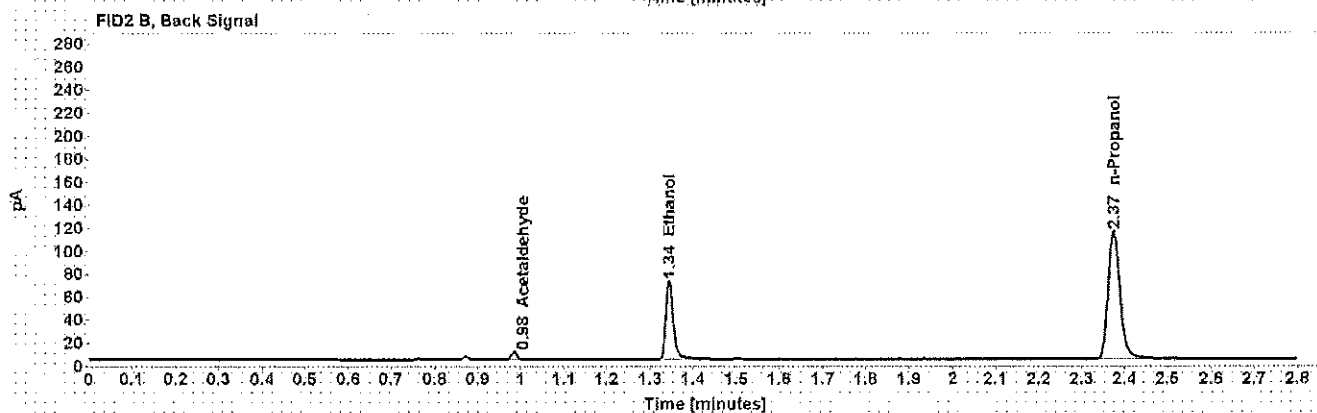
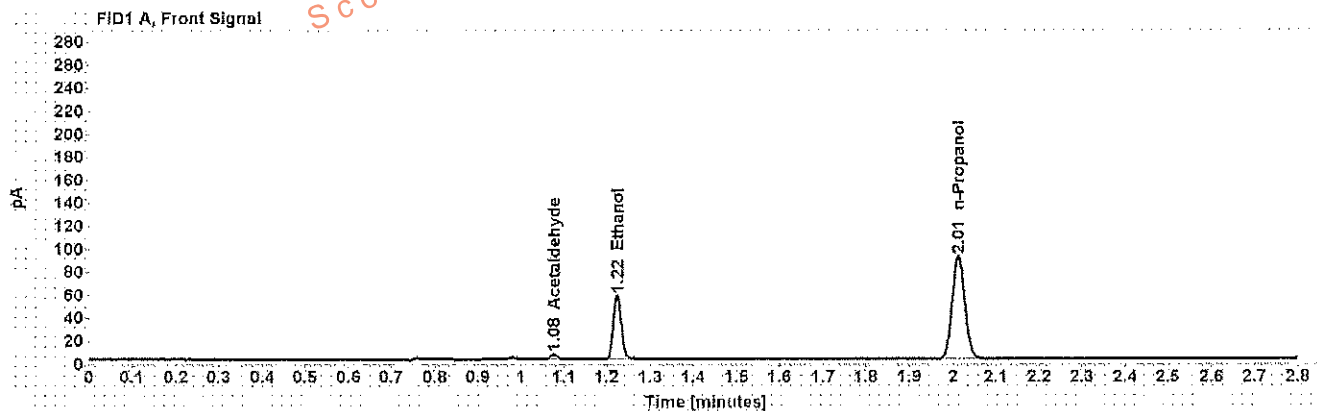


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.771
>Ethanol	0.1073	1.224	71.210
n-Propanol	-----	2.013	183.102

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.989
Ethanol	1.345	83.541
n-Propanol	2.375	215.245



## Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample:	[REDACTED]	Item numbers:	1199560
Injection date:	3/13/2018 1:44:07 PM	Vial:	49
Method:	ethanol quant.M	Sequence:	13Mar18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\13Mar18\49.D		

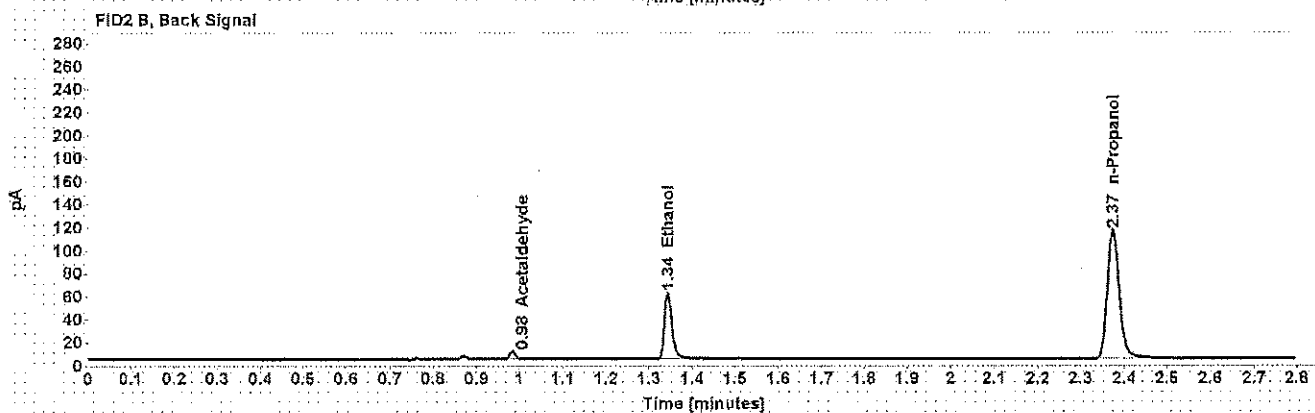
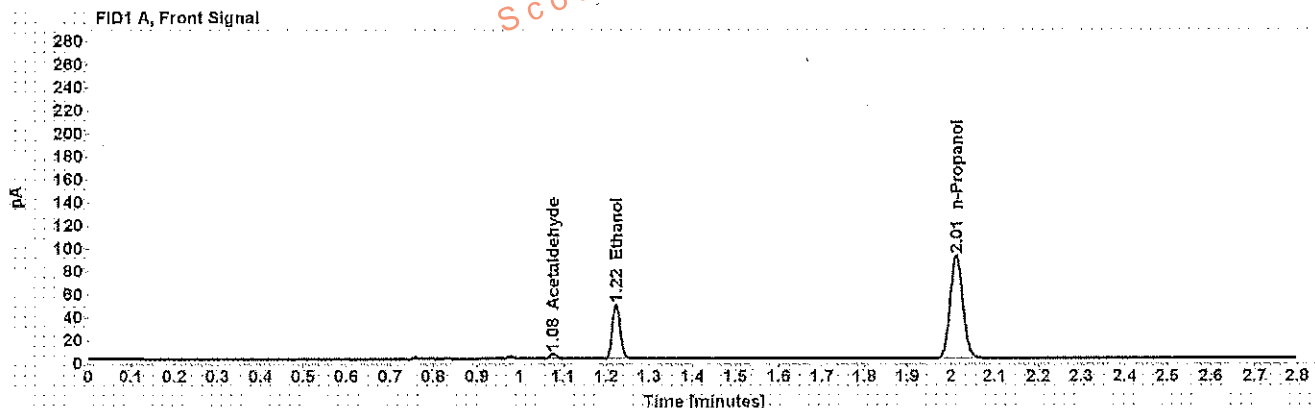


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.717
>Ethanol	0.0909	1.223	60.195
n-Propanol	-----	2.012	183.112

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.962
Ethanol	1.344	70.211
n-Propanol	2.374	215.581

Case: [REDACTED] User: wadrian 3/13/2018

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1199560  
Injection date: 3/13/2018 1:48:07 PM Vial: 50  
Method: ethanol quant.M Sequence: 13Mar18  
Instrument: US14173023 CN14160045 Analyst: Adrian  
Data file: C:\Chem3211\Data\13Mar18\50.D

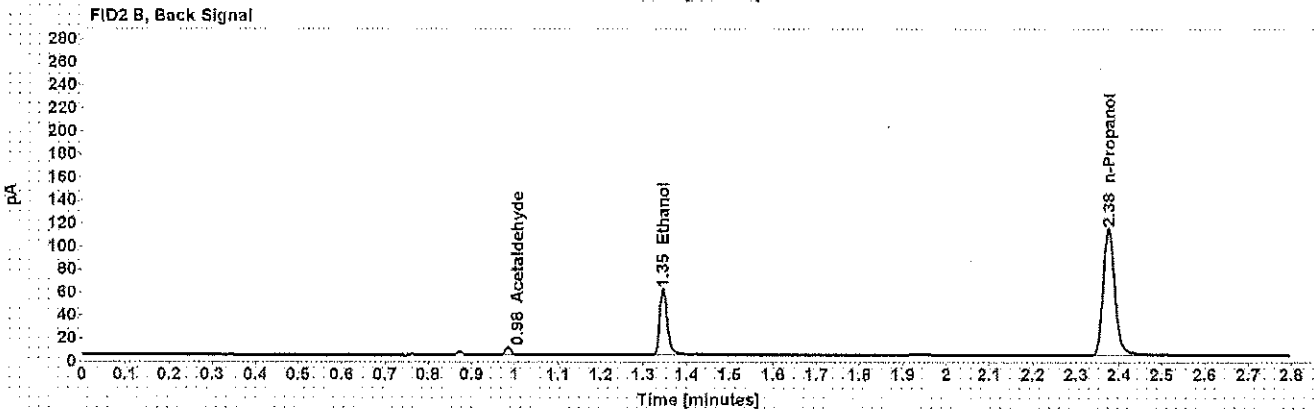
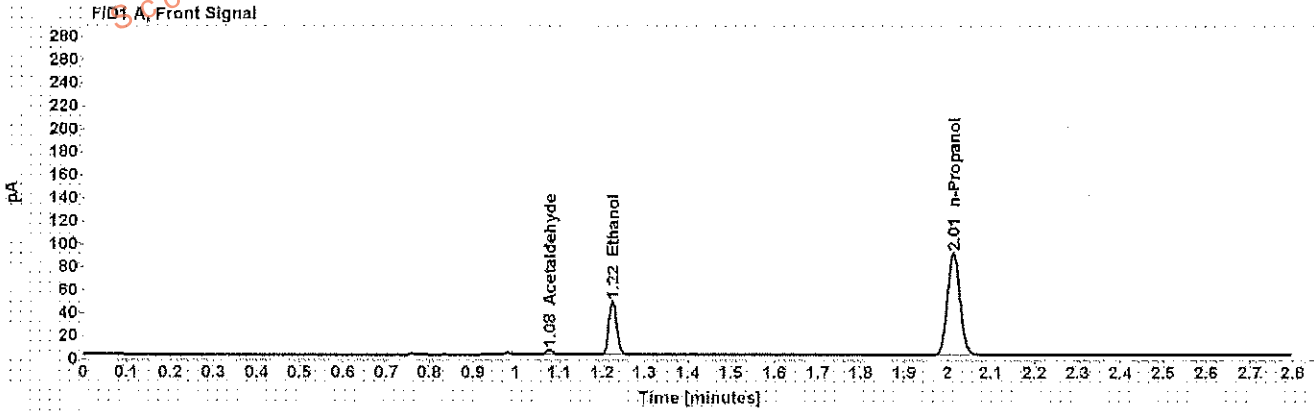


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.710
>Ethanol	0.0919	1.224	60.213
n-Propanol	-----	2.013	181.160

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.925
Ethanol	1.346	70.057
n-Propanol	2.376	213.064