

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 03/14/2019 SEQUENCE NAME 14Mar19

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03241604 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN06181501 0.99999
 Vial 3 0.20 calibrator Lot FN07201502
 Vial 4 0.40 calibrator Lot FN11191402

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 121118
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 020917WLA
7	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 08012015-C
8	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 09022015-A
9	Blood control	0.198 g/dL	0.197 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.151 g/dL	Lipomed 09022015-C
42	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/13
53	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
64	Aqueous control	0.150 g/dL	0.152 g/dL	Lipomed 09022015-C
75	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/13
86	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
97	Aqueous control	0.150 g/dL	0.152 g/dL	Lipomed 09022015-C
102	Aqueous control	0.400 g/dL	0.410 g/dL	Lipomed 08012015-C
103	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
104	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/13
105	Blank	Not detected	Not detected	SPD lab 121118

SUBJECT SAMPLES

Subjects in the sequence 38 Subjects requiring reanalysis 1

ADDITIONAL NOTES: Position 65/66 (DR 19-02130) duplicates exceeded the acceptable range of 2% difference from the mean and will therefore be reanalyzed. Samples originally pipetted for run 7Mar19. Run aborted at vial 33 due to improperly applied label. This run also included four proficiency samples at positions 80-85, 87-88.

Run valid Run invalid NAB1570 3/13/19 Analyst
 Run valid Run invalid MMR B1466 3/20/19 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

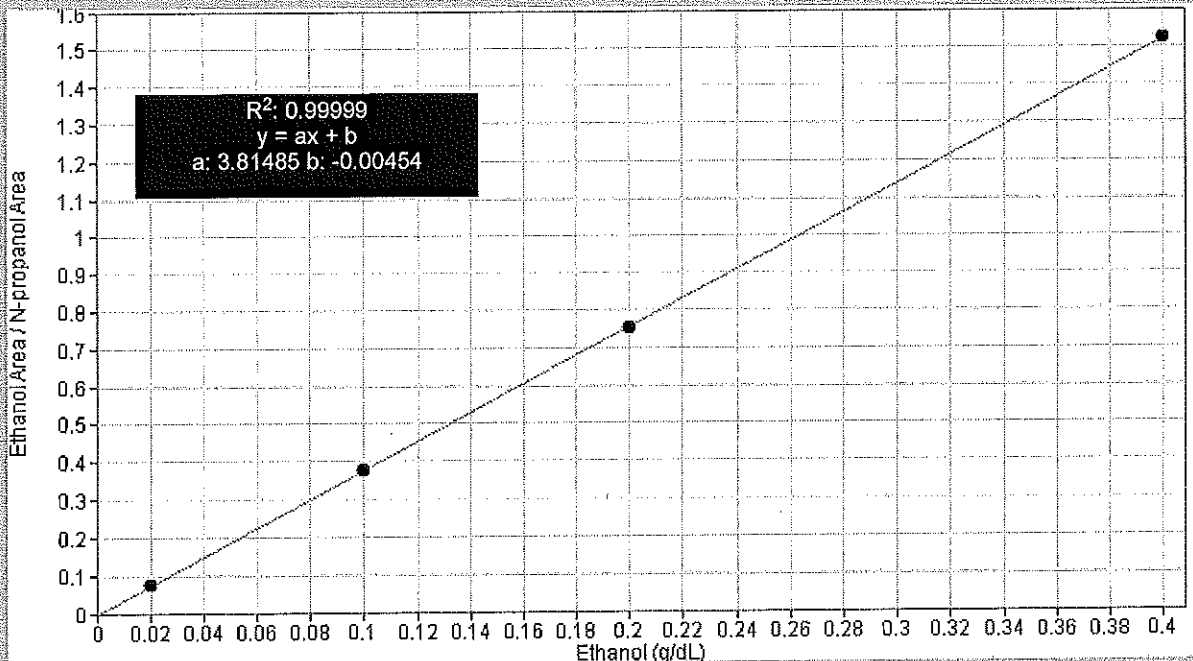
SEQUENCE NAME: 14Mar19

ANALYST: Adrian *WA*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 121118	5	negative	negative	-	-
0.400 08012015-C	7	0.401	0.400	0.25	0.001
0.040 09022015-A	8	0.039	0.040	2.50	-0.001
0.198 407041529/13	9	0.197	0.198	0.51	-0.001
0.080 28082014-B	20	0.080	0.080	0.00	0.000
0.150 09022015-C	31	0.151	0.150	0.67	-0.001
0.198 407041529/13	42	0.199	0.198	0.51	0.001
0.080 28082014-B	53	0.081	0.080	1.25	0.001
0.150 09022015-C	64	0.152	0.150	1.33	0.002
0.198 407041529/13	75	0.199	0.198	0.51	0.001
0.080 28082014-B	86	0.081	0.080	1.25	0.001
0.150 09022015-C	97	0.152	0.150	1.33	0.002
0.40 08012015-C	102	0.410	0.400	2.50	0.010
0.04 09022015-A	103	0.040	0.040	0.00	0.000
0.198 407041529/13	104	0.201	0.198	1.52	0.003
blank 121118	105	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.332	167.728	0.074
0.100	61.235	162.740	0.376
0.200	127.155	168.179	0.756
0.400	250.891	164.772	1.523

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.020 FN03241604	Item number: WA
Injection date: 3/14/2019 5:16:49 PM	Vial: 1
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\1.D	

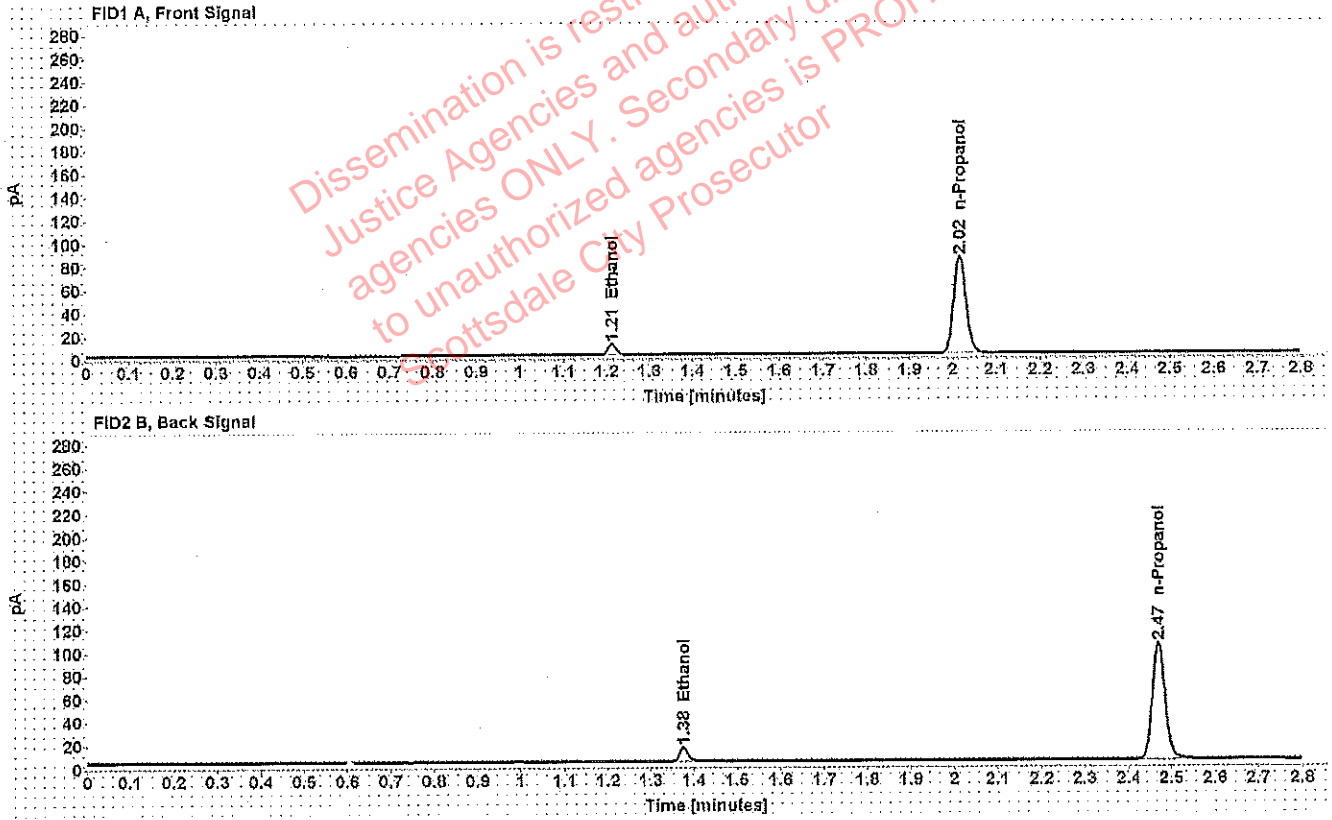


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	12.332
n-Propanol	2.015	167.728

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

Compound	Time (min)	Peak Area
Ethanol	1.376	15.164
n-Propanol	2.470	204.951

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.100 FN06181501	Item number:
Injection date: 3/14/2019 5:20:47 PM	Vial: 2
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\2.D	

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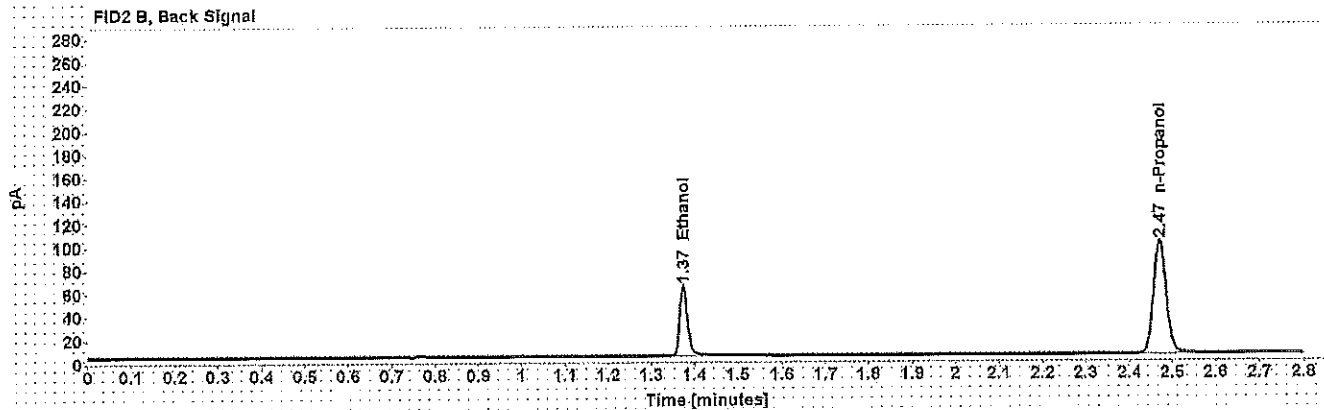
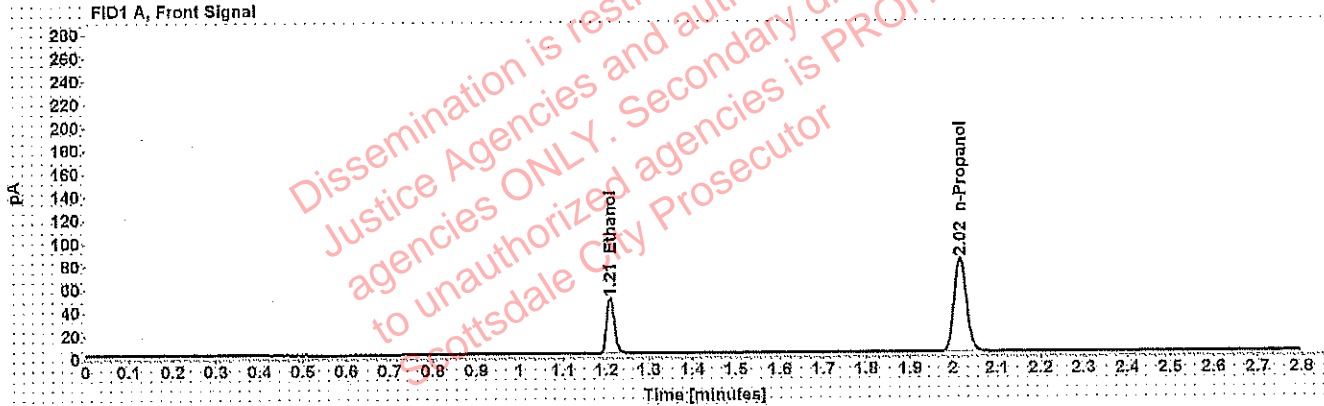


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	61.235
n-Propanol	2.018	162.740

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

Compound	Time (min)	Peak Area
Ethanol	1.375	75.905
n-Propanol	2.470	199.246

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.200 FN07201502	Item number:
Injection date: 3/14/2019 5:24:48 PM	Vial: 3
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\3.D	

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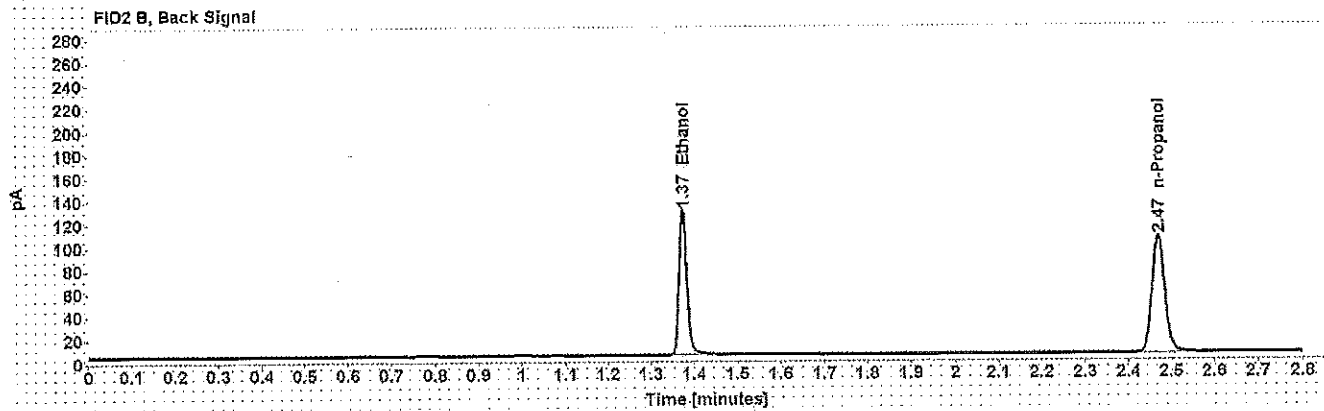
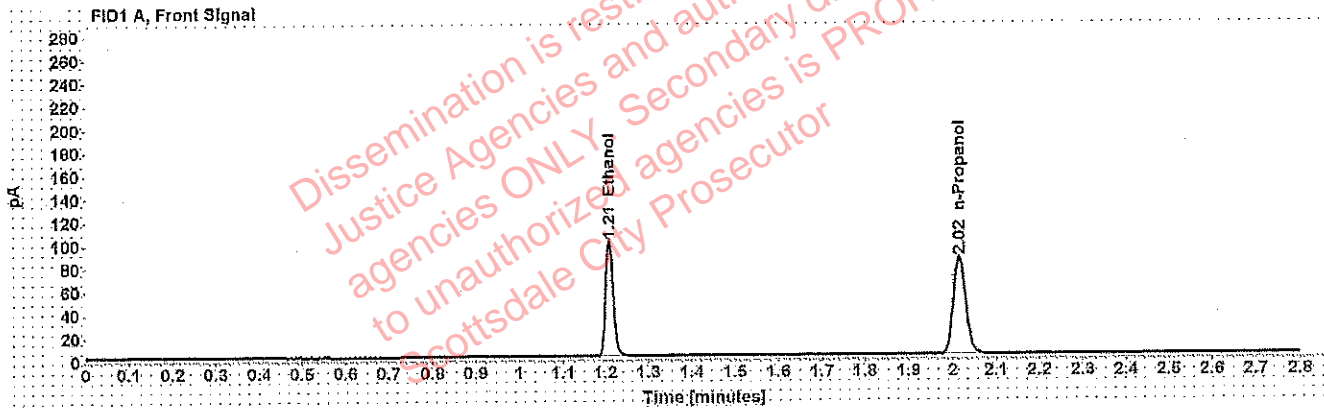


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	127.155
n-Propanol	2.015	168.179

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

Compound	Time (min)	Peak Area
Ethanol	1.374	158.102
n-Propanol	2.470	206.439

Scottsdale Police Department Crime Lab Volatiles Analysis

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Sample: 0.400 FN11191402	Item number:
Injection date: 3/14/2019 5:28:48 PM	Vial: 4
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\4.D	

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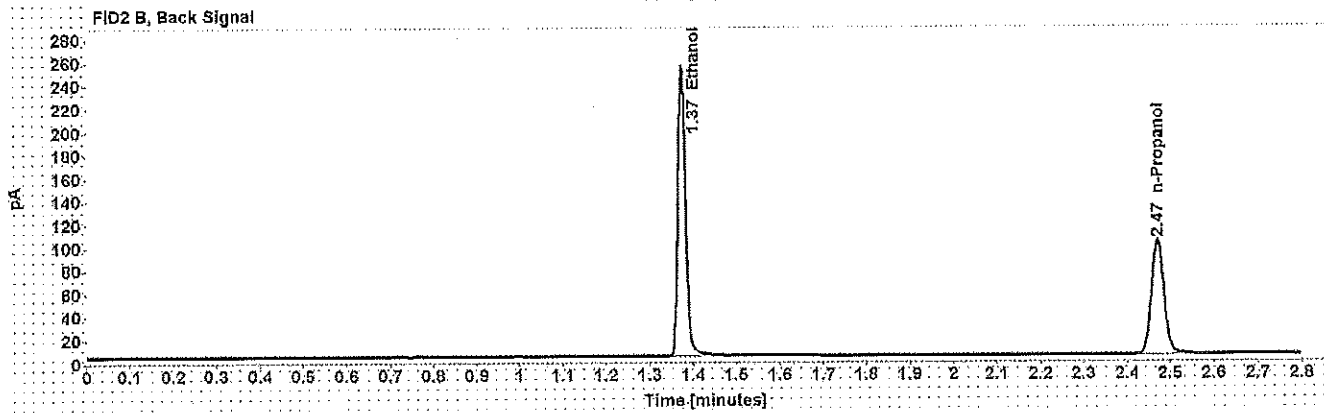
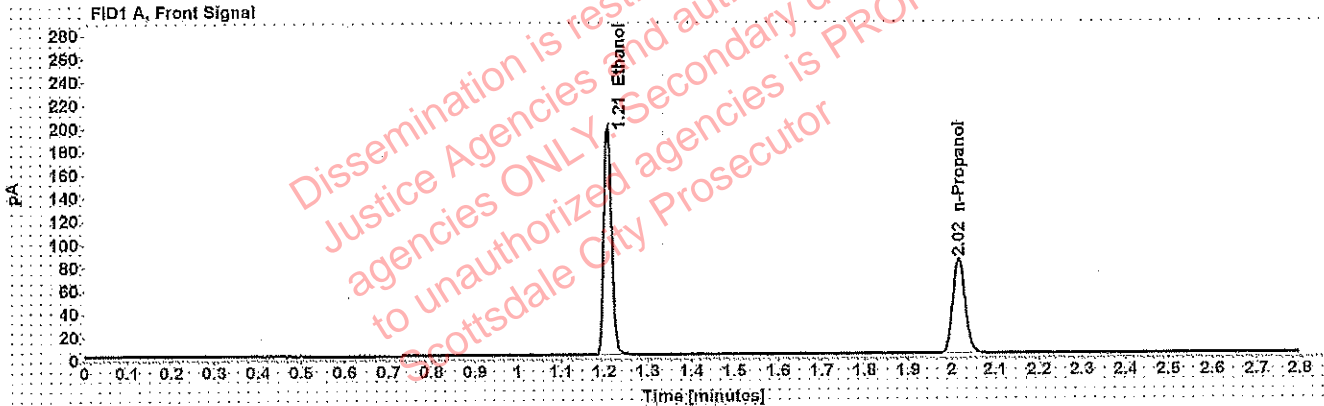


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	250.891
n-Propanol	2.016	164.772

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

Compound	Time (min)	Peak Area
Ethanol	1.374	312.906
n-Propanol	2.470	202.121

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 121118	Item number: UAA
Injection date: 3/14/2019 5:32:49 PM	Vial: 5
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\5.D	

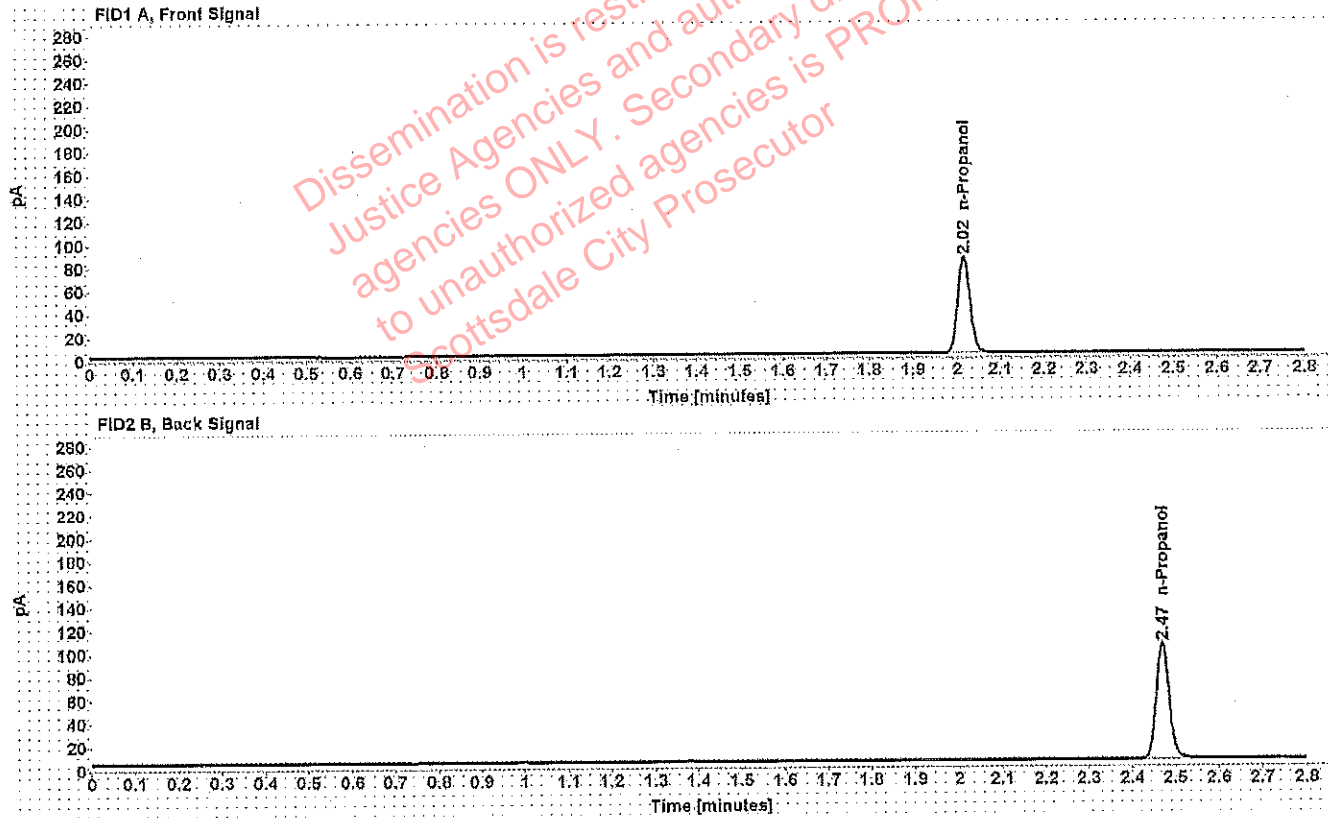


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	166.945

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	204.354

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: volatiles mix 020917	Item number: WA
Injection date: 3/14/2019 5:36:48 PM	Vial: 6
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\6.D	

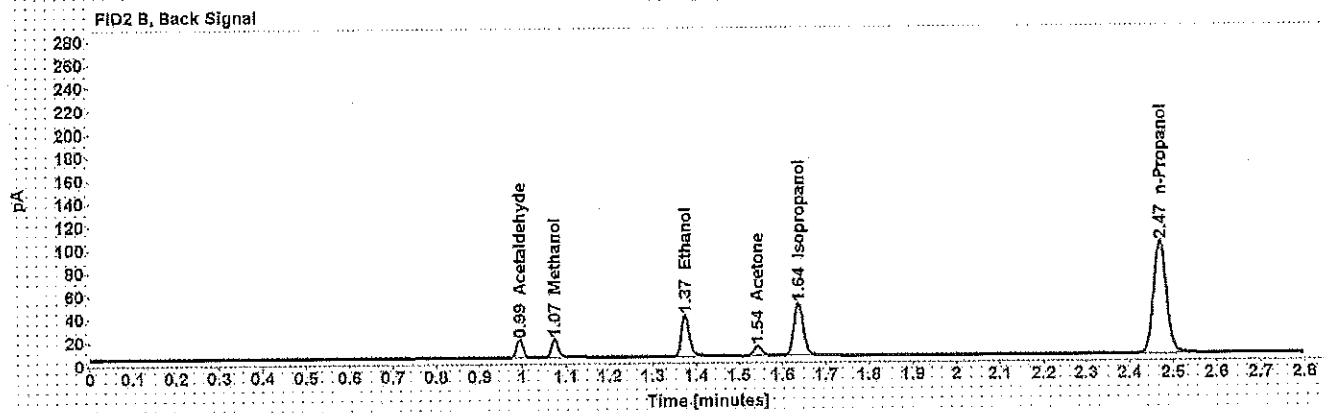
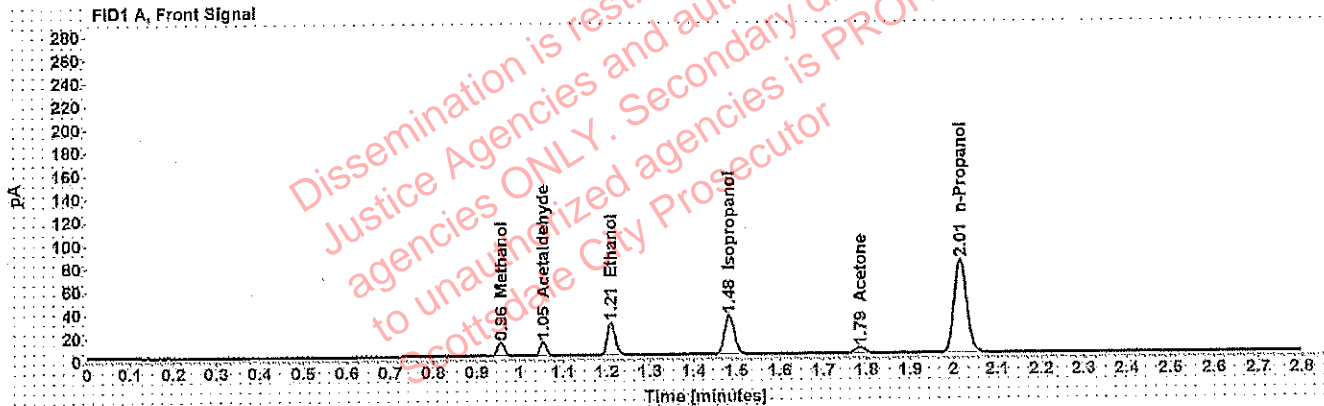


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	13.330
Acetaldehyde	-----	1.054	12.818
>Ethanol	0.0605	1.209	36.721
Isopropanol	-----	1.483	54.596
Acetone	-----	1.785	8.876
n-Propanol	-----	2.015	162.179

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	16.480
Methanol	1.075	16.825
Ethanol	1.374	45.302
Acetone	1.542	10.700
Isopropanol	1.836	69.061
n-Propanol	2.469	198.652

Scottsdale Police Department Crime Lab Volatiles Analysis

44

Sample: 0.400 08012015-C	Item number:
Injection date: 3/14/2019 5:41:03 PM	Vial: 7
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\7.D	

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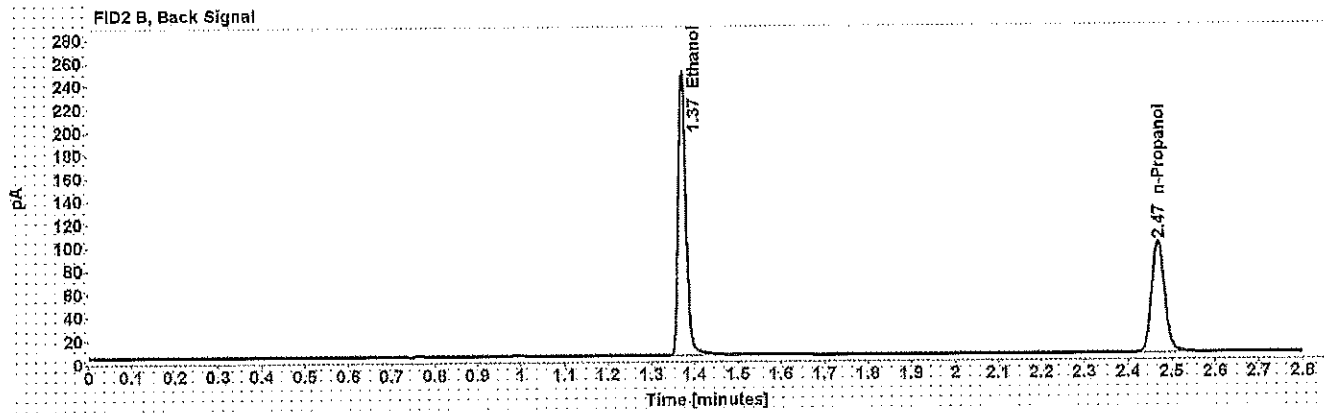
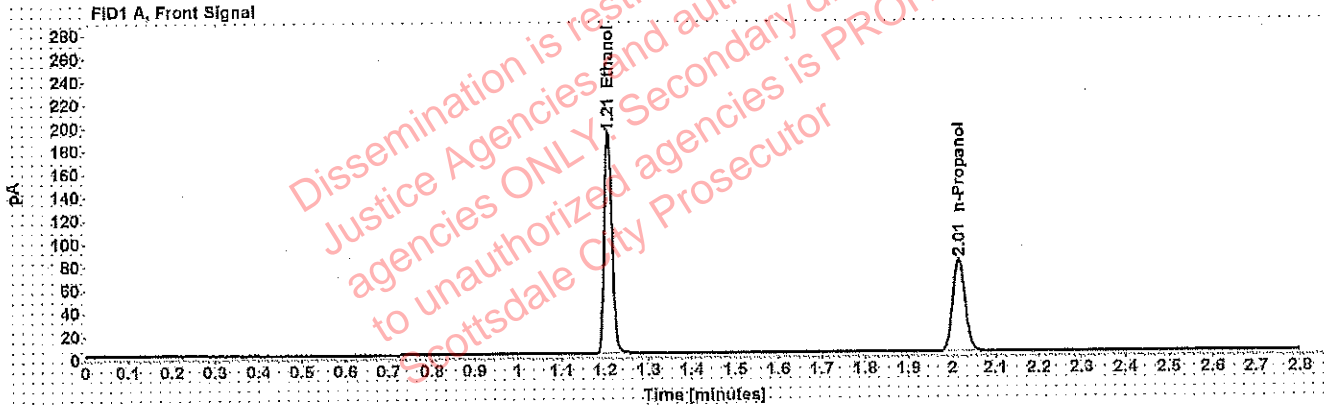


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4010	1.207	244.261
n-Propanol	-----	2.015	160.144

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

Compound	Time (min)	Peak Area
Ethanol	1.373	304.730
n-Propanol	2.469	196.574

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.040 09022015-A	Item number:
Injection date: 3/14/2019 5:45:03 PM	Vial: 8
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\8.D	

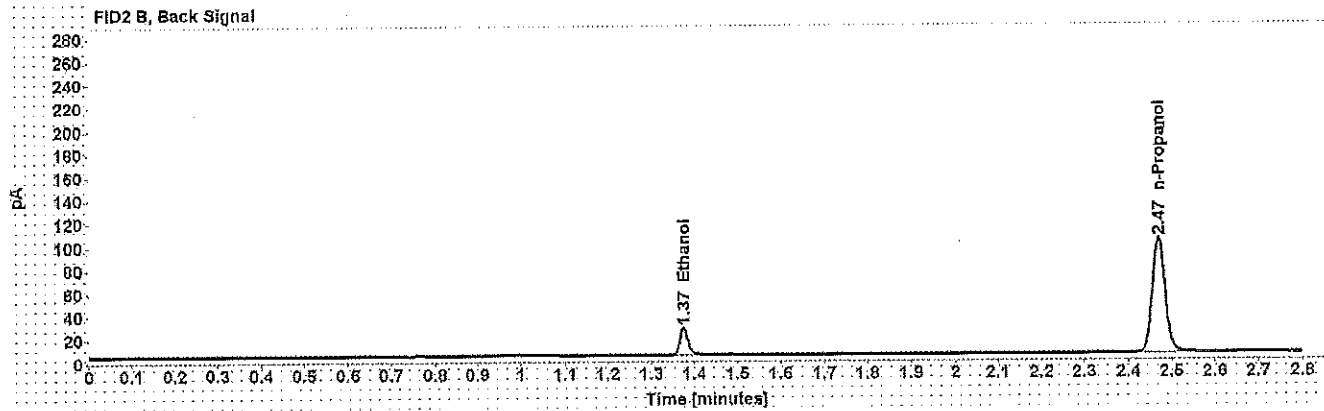
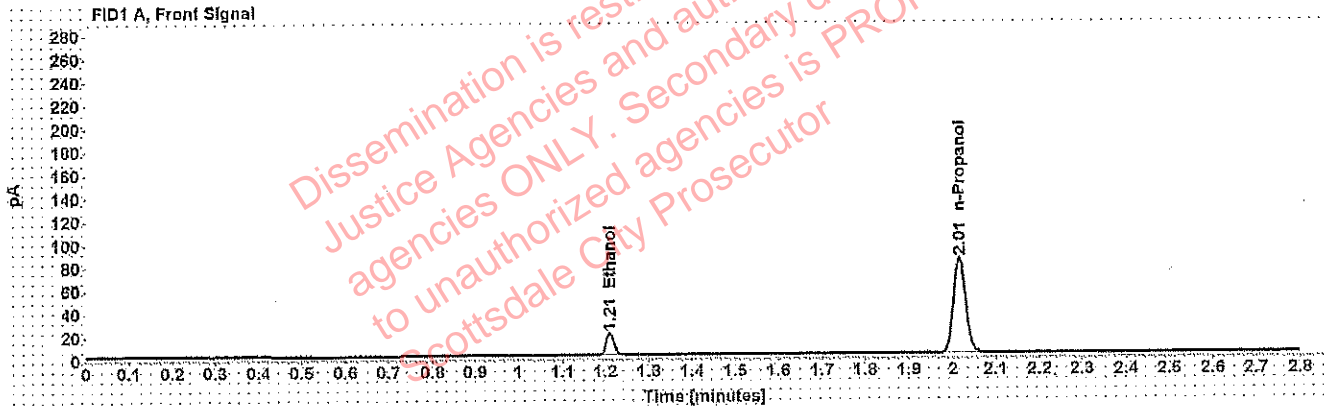


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0399	1.210	24.428
n-Propanol	-----	2.015	165.315

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

Compound	Time (min)	Peak Area
Ethanol	1.375	30.020
n-Propanol	2.470	202.820

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.198 407041529/13	Item number:
Injection date: 3/14/2019 5:49:03 PM	Vial: 9
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\9.D	

WAA

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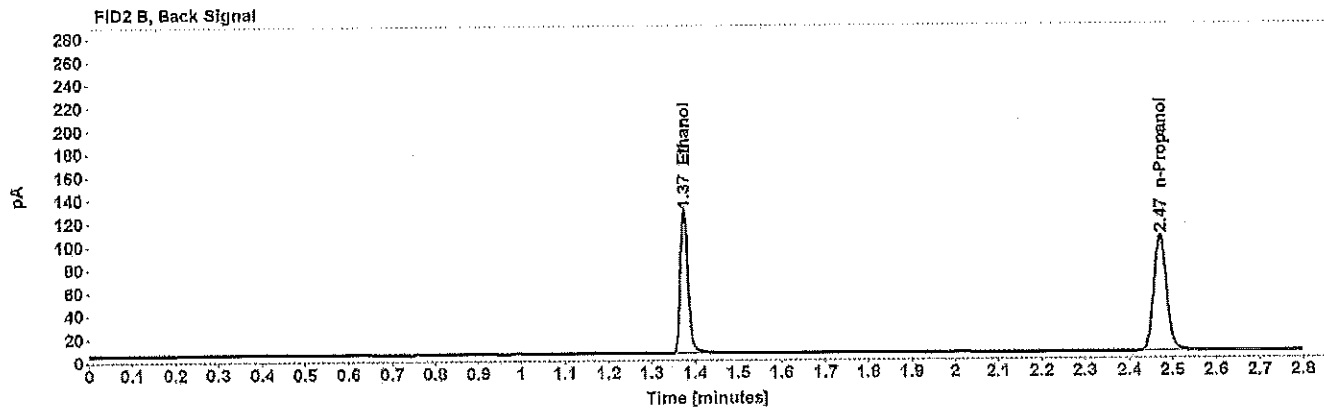
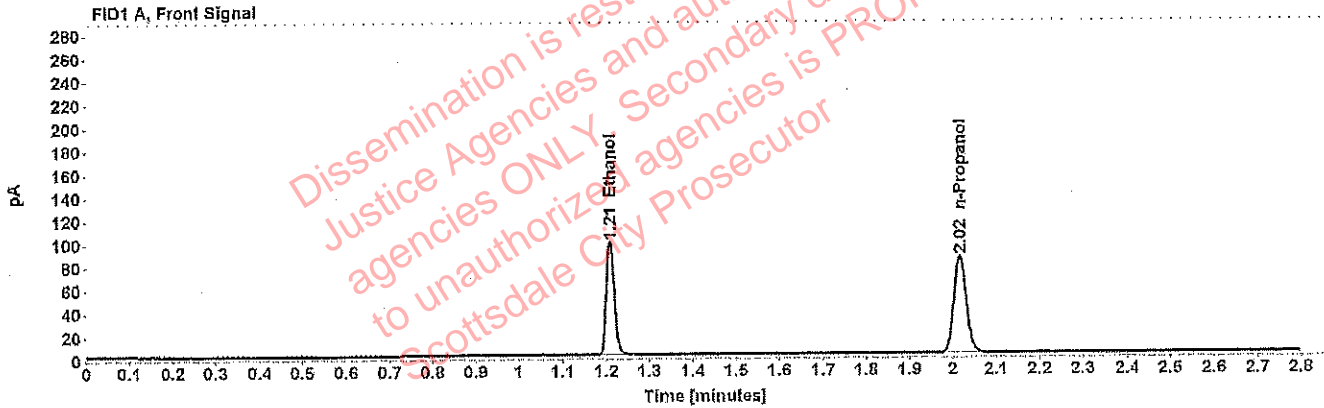


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1975	1.209	125.637
n-Propanol	-----	2.016	167.781

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

Compound	Time (min)	Peak Area
Ethanol	1.375	156.098
n-Propanol	2.471	205.911

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.080 28082014-B	Item number: 20
Injection date: 3/14/2019 6:33:34 PM	Vial: 20
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\20.D	

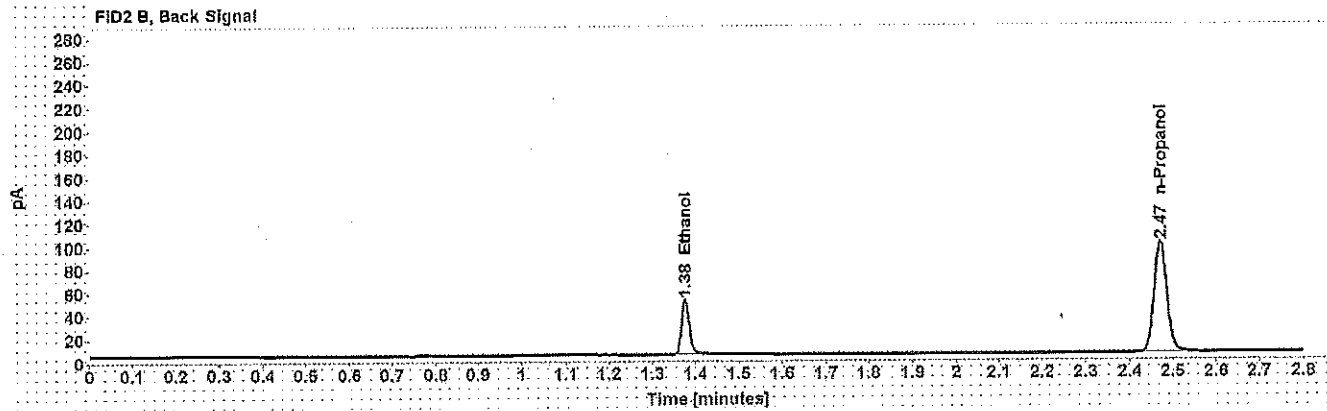
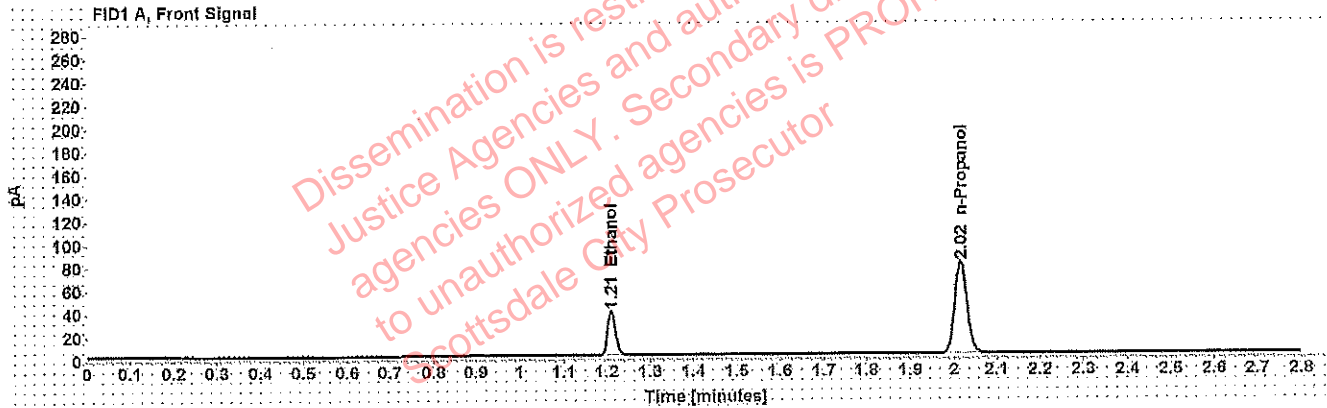


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0805	1.210	48.366
n-Propanol	-----	2.016	159.824

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

Compound	Time (min)	Peak Area
Ethanol	1.376	59.885
n-Propanol	2.471	195.487

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.150 09022015-C	Item number:
Injection date: 3/14/2019 7:18:03 PM	Vial: 31
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\31.D	

1004

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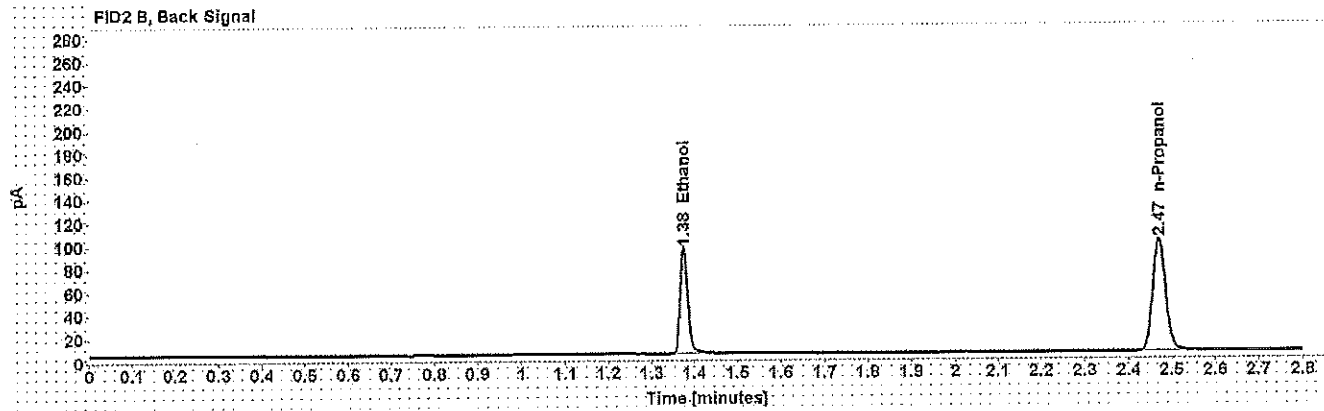
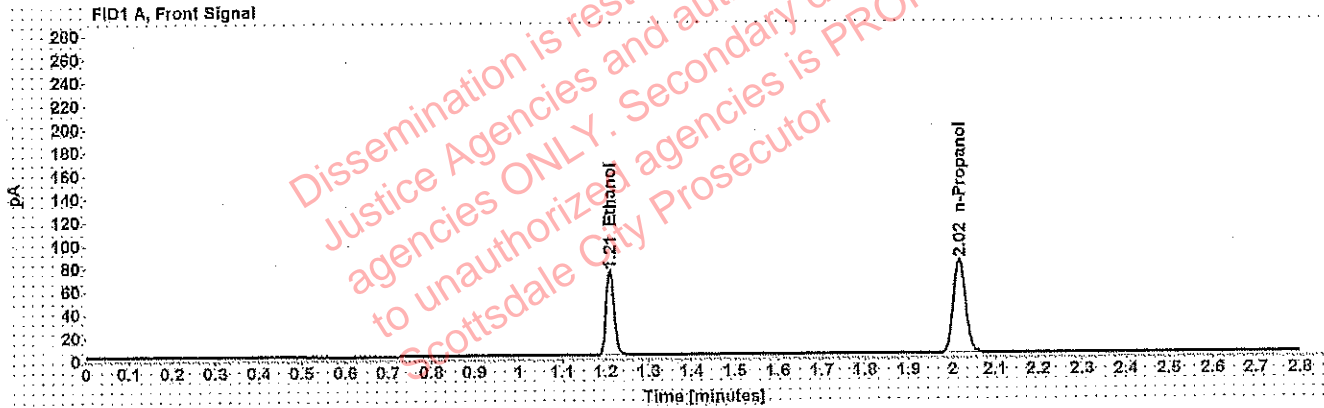


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1518	1.210	93.086
n-Propanol	-----	2.016	162.066

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

Compound	Time (min)	Peak Area
Ethanol	1.376	115.727
n-Propanol	2.471	198.490

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.198 407041529/13	Item number:
Injection date: 3/14/2019 8:02:18 PM	Vial: 42
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
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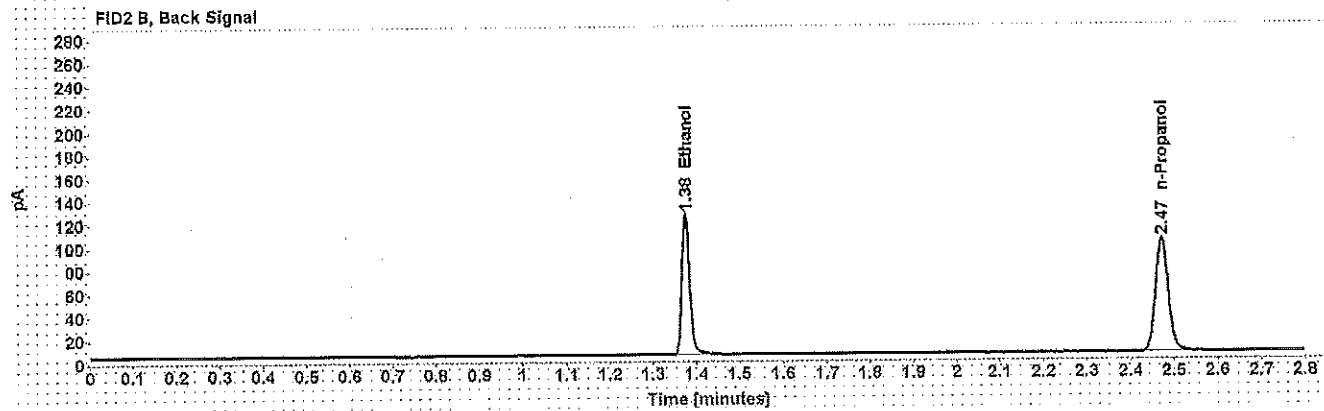
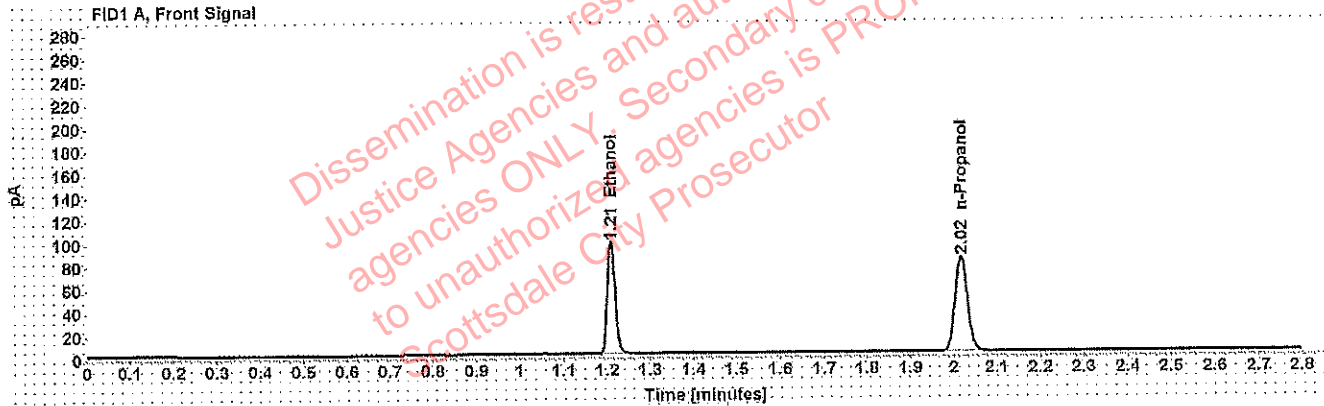


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1992	1.209	124.120
n-Propanol	-----	2.016	164.296

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

Compound	Time (min)	Peak Area
Ethanol	1.375	154.863
n-Propanol	2.471	201.891

Scottsdale Police Department Crime Lab Volatiles Analysis

WDA

Sample: 0.080 28082014-B	Item number:
Injection date: 3/14/2019 8:46:52 PM	Vial: 53
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\53.D	

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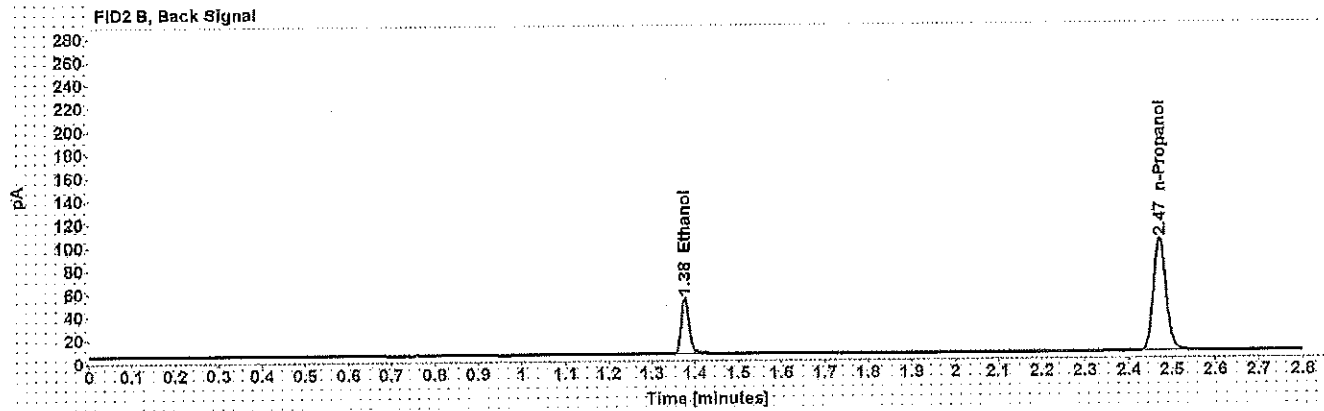
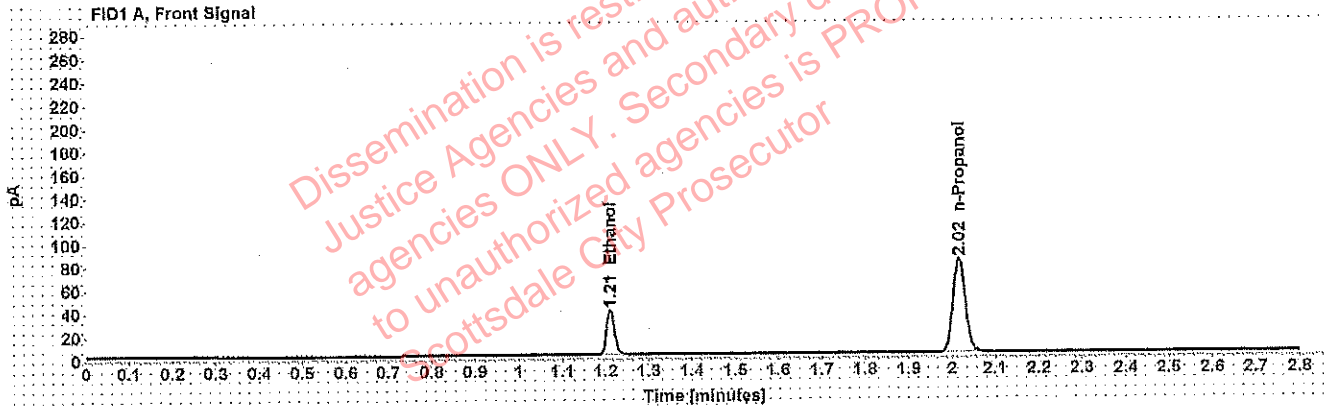


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0811	1.210	49.444
n-Propanol	-----	2.016	162.176

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

Compound	Time (min)	Peak Area
Ethanol	1.376	61.447
n-Propanol	2.471	199.263

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.150 09022015-C	Item number: 64
Injection date: 3/14/2019 9:31:20 PM	Vial: 64
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\64.D	

644

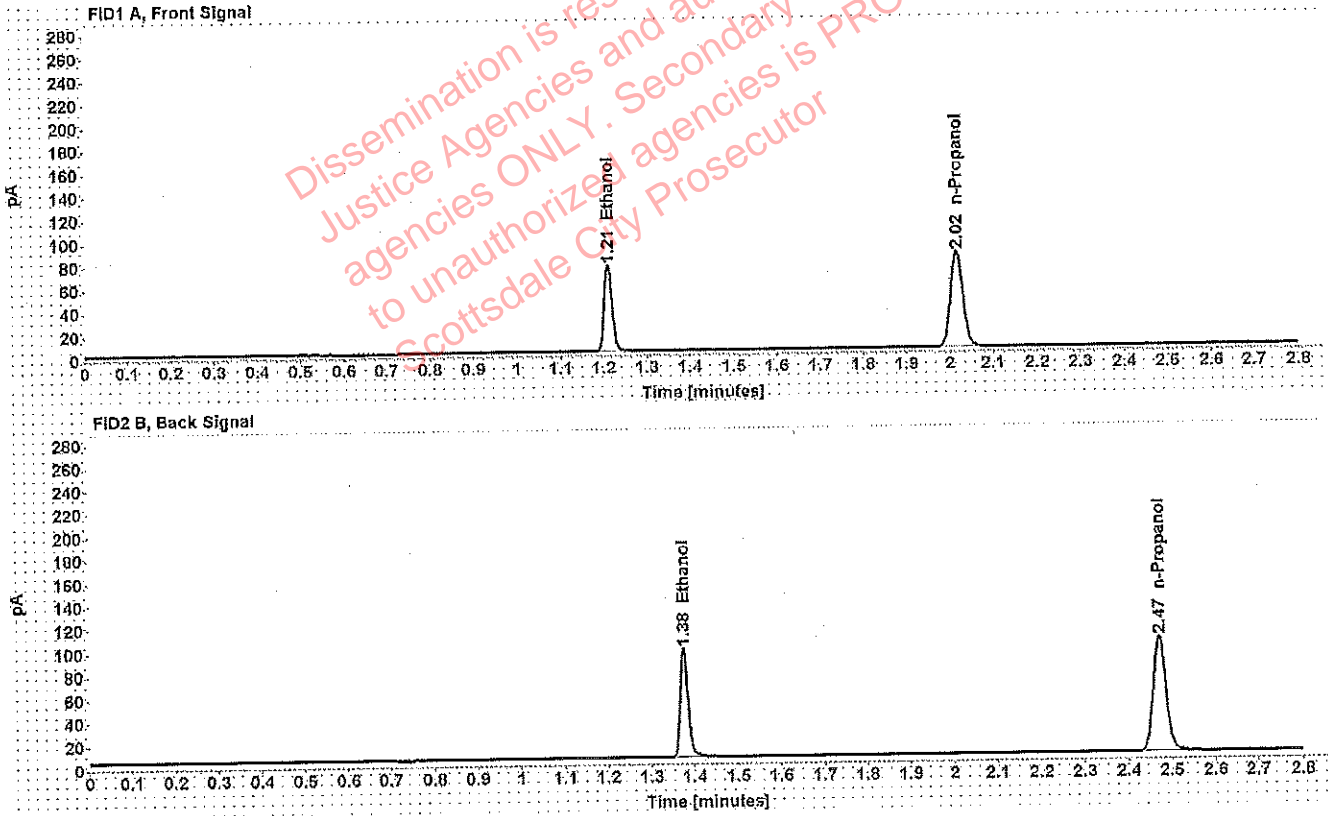


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1524	1.210	95.299
n-Propanol	-----	2.016	165.251

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

Compound	Time (min)	Peak Area
Ethanol	1.376	118.309
n-Propanol	2.471	202.954

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.198 407041529/13	Item number:
Injection date: 3/14/2019 10:15:49 PM	Vial: 75
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\75.D	

144

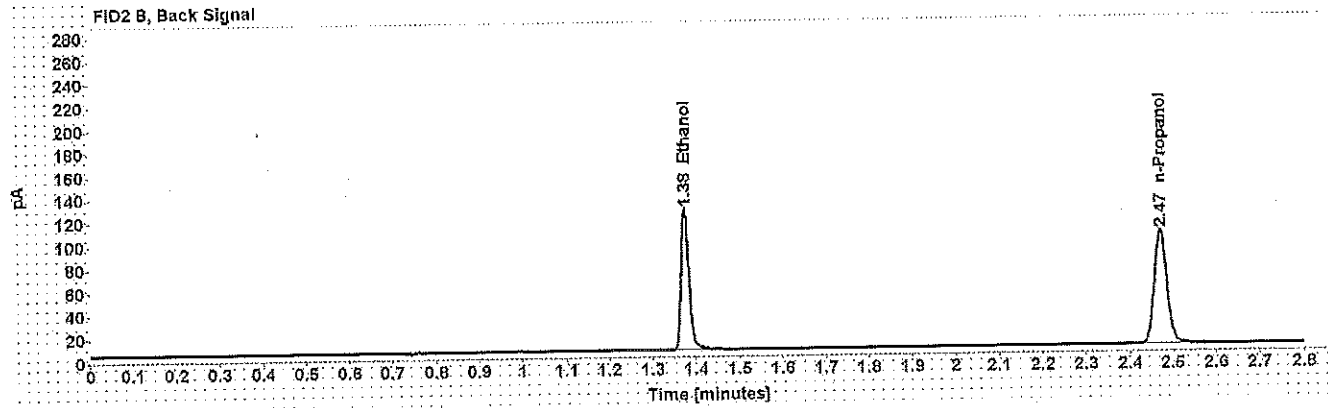
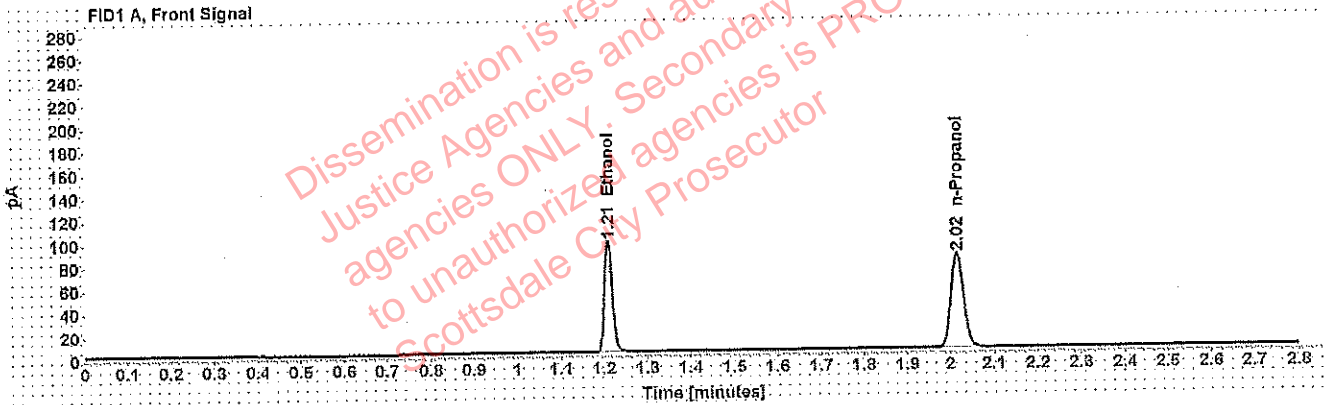


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1991	1.209	123.263
n-Propanol	-----	2.016	163.291

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

Compound	Time (min)	Peak Area
Ethanol	1.375	154.045
n-Propanol	2.471	201.338

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.080 28082014-B	Item number: WA
Injection date: 3/14/2019 11:00:19 PM	Vial: 86
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\14Mar19\86.D	

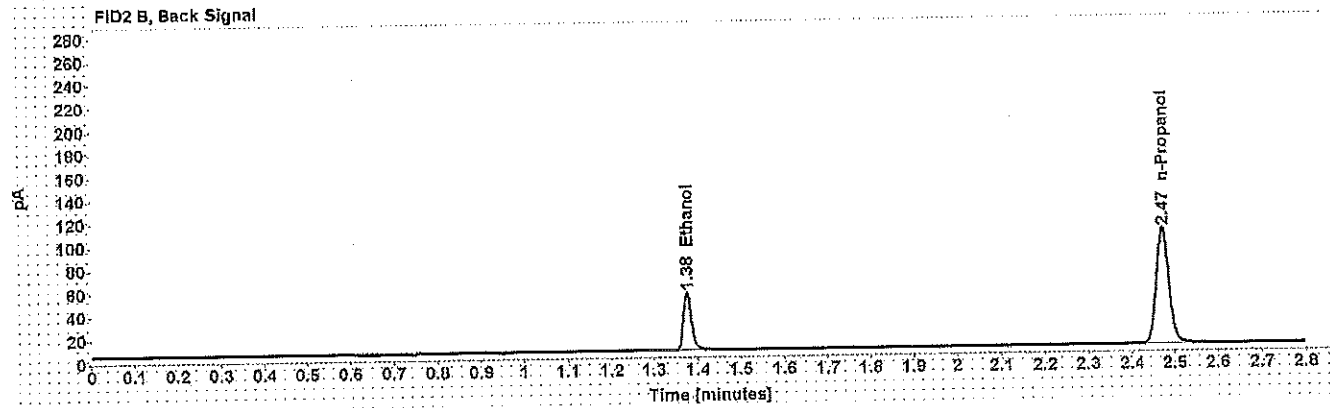
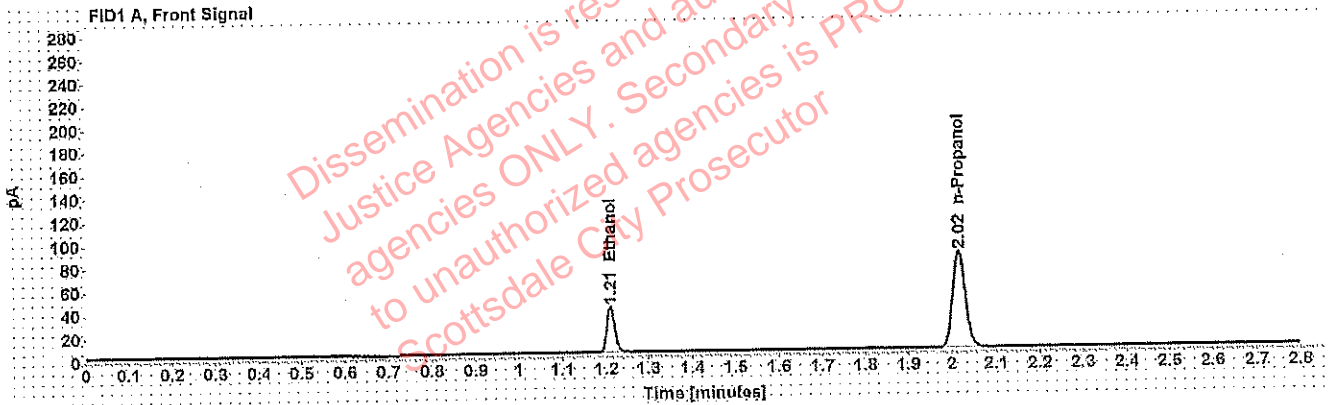


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0813	1.210	50.879
n-Propanol	-----	2.016	166.399

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

Compound	Time (min)	Peak Area
Ethanol	1.376	63.270
n-Propanol	2.471	204.647

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.150 09022015-C	Item number:
Injection date: 3/14/2019 11:44:49 PM	Vial: 97
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\97.D	

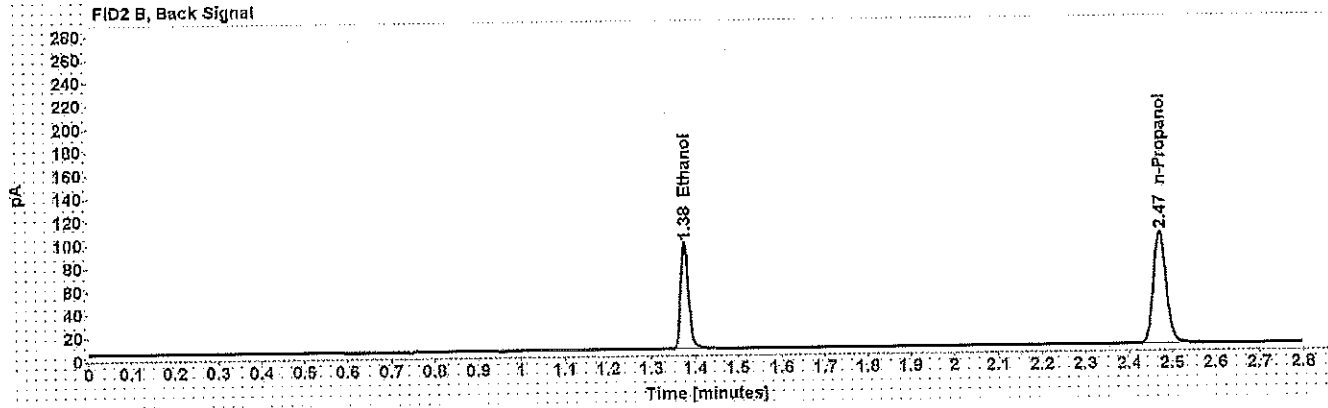
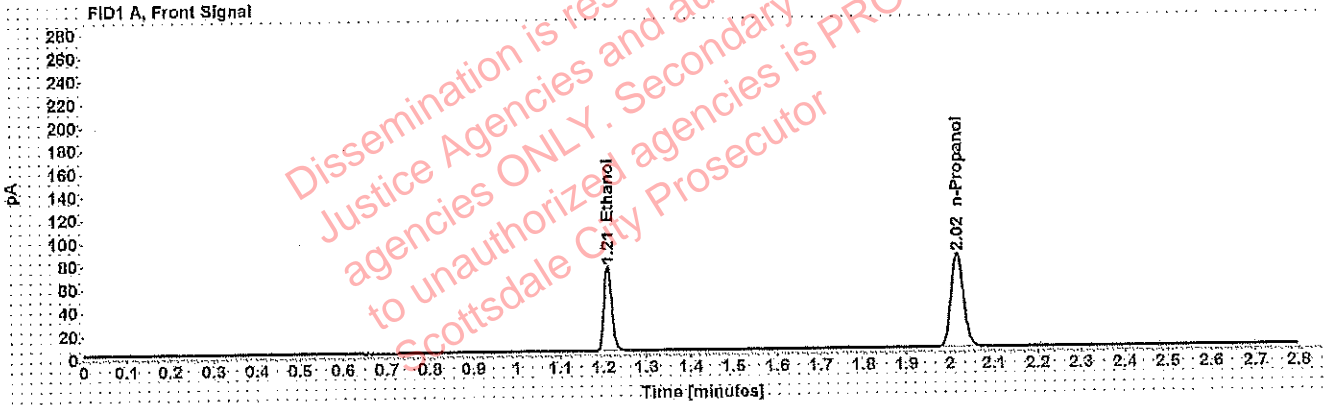


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1523	1.210	93.505
n-Propanol	-----	2.016	162.231

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

Compound	Time (min)	Peak Area
Ethanol	1.376	116.543
n-Propanol	2.472	199.503

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.40 08012015-C	Item number:
Injection date: 3/15/2019 12:04:52 AM	Vial: 102
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\102.D	

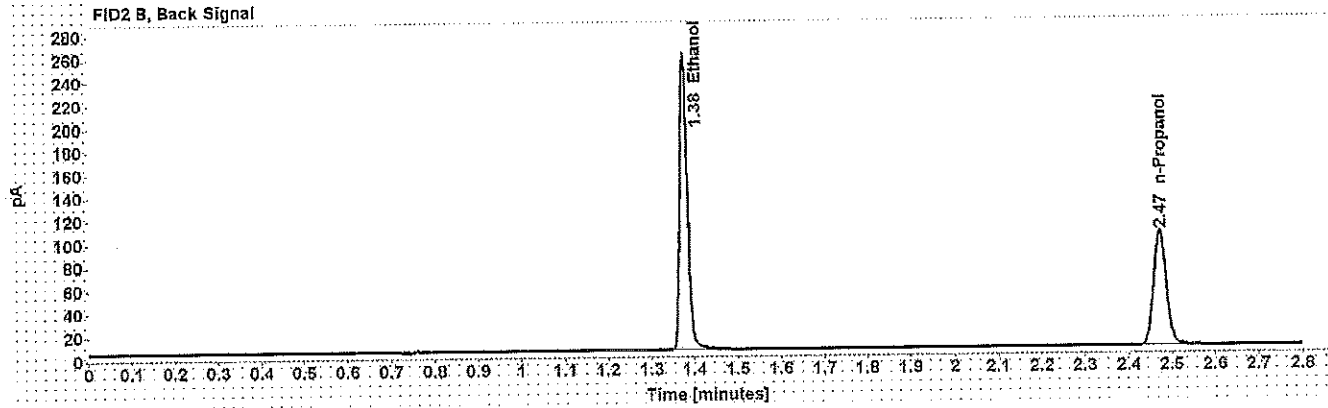
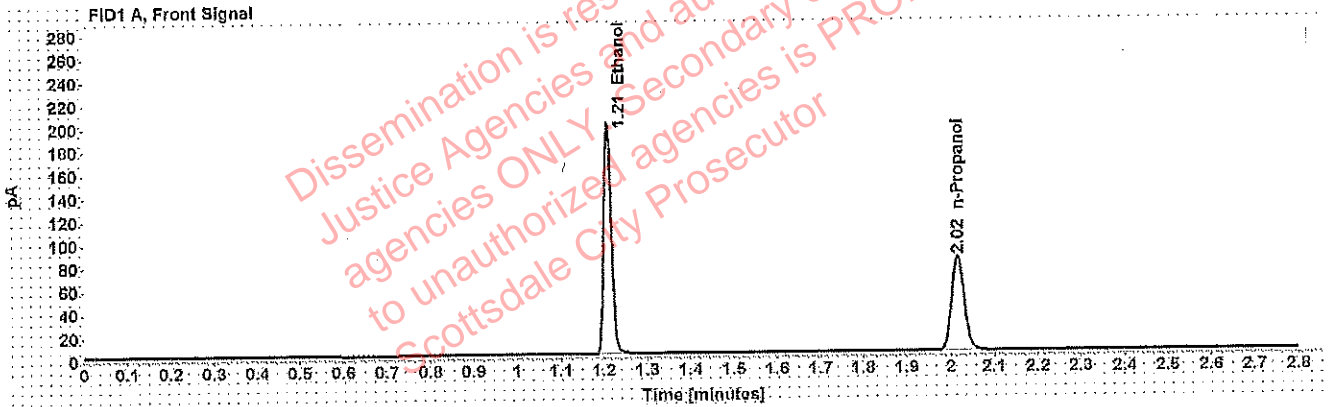


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4100	1.209	254.383
n-Propanol	-----	2.016	163.102

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

Compound	Time (min)	Peak Area
Ethanol	1.376	318.810
n-Propanol	2.472	201.627

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.04 09022015-A	Item number:
Injection date: 3/15/2019 12:09:04 AM	Vial: 103
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\103.D	

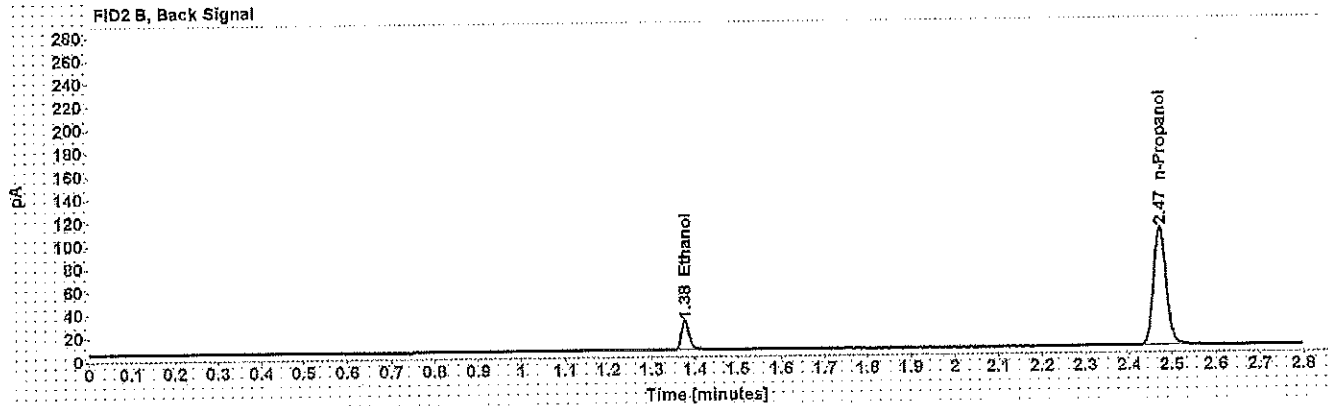
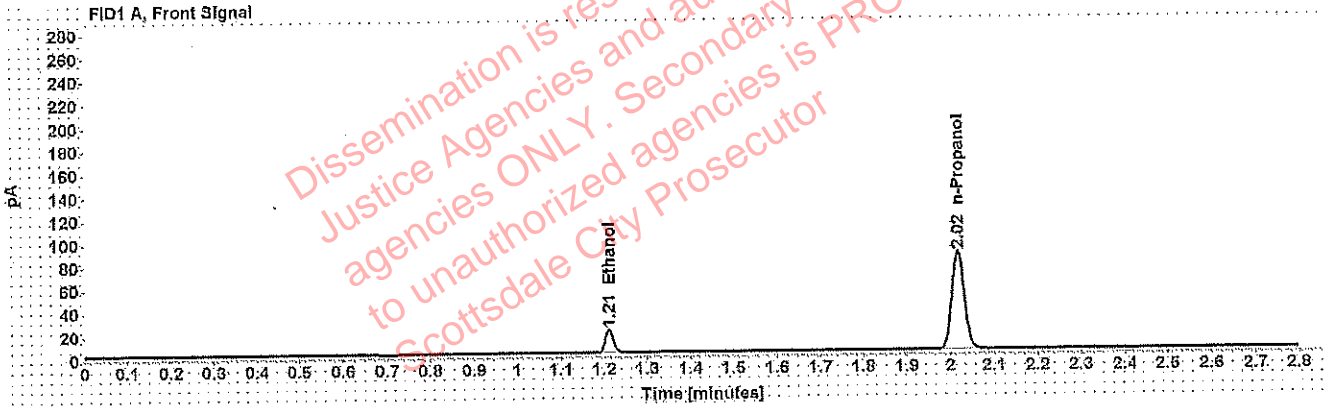


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0407	1.211	25.526
n-Propanol	-----	2.017	169.370

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

Compound	Time (min)	Peak Area
Ethanol	1.377	31.592
n-Propanol	2.472	209.003

Scottsdale Police Department Crime Lab Volatiles Analysis

WAA

Sample: 0.198 407041529/13	Item number:
Injection date: 3/15/2019 12:13:05 AM	Vial: 104
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\104.D	

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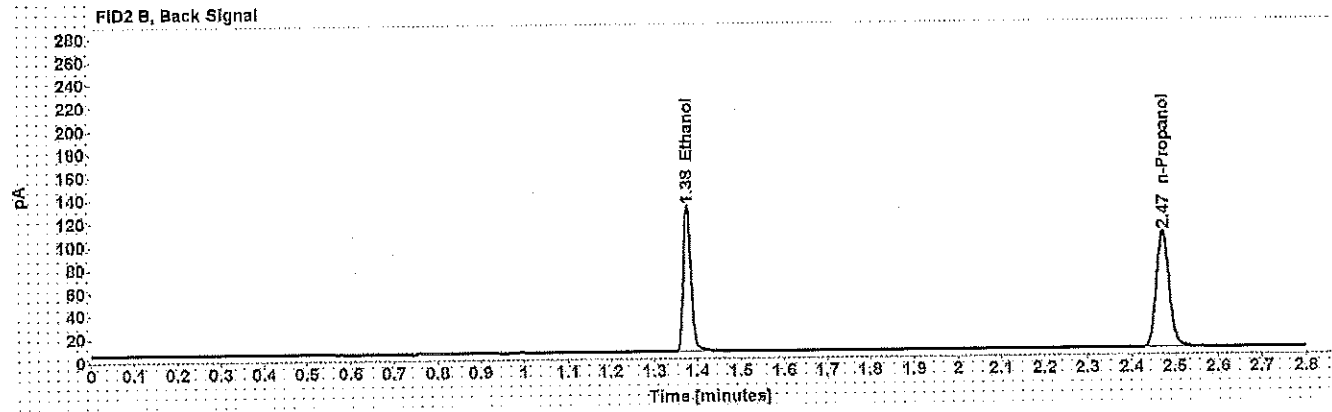
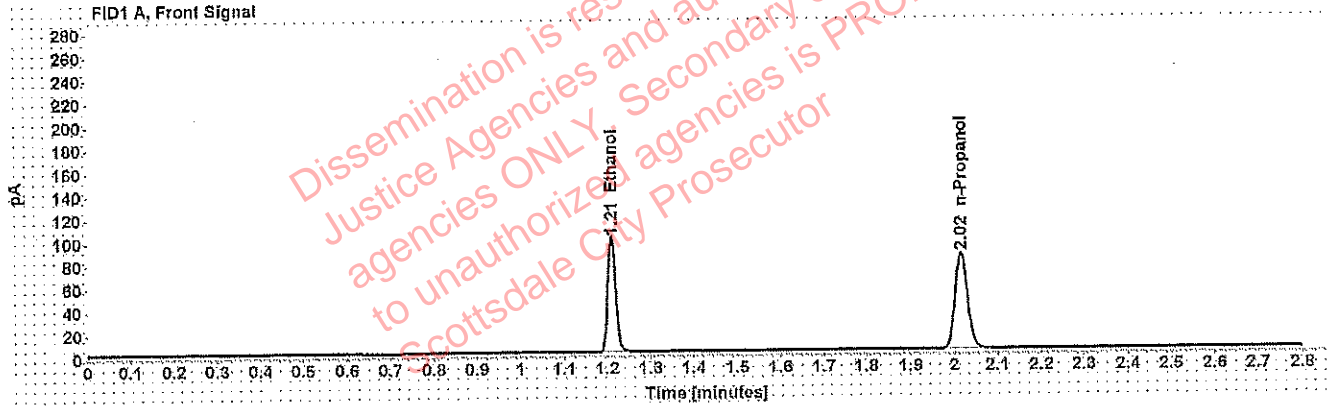


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2013	1.210	127.134
n-Propanol	-----	2.017	166.505

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

Compound	Time (min)	Peak Area
Ethanol	1.376	159.131
n-Propanol	2.472	205.831

Scottsdale Police Department Crime Lab Volatiles Analysis

700

Sample: blank 121118	Item number:
Injection date: 3/15/2019 12:17:04 AM	Vial: 105
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\105.D	

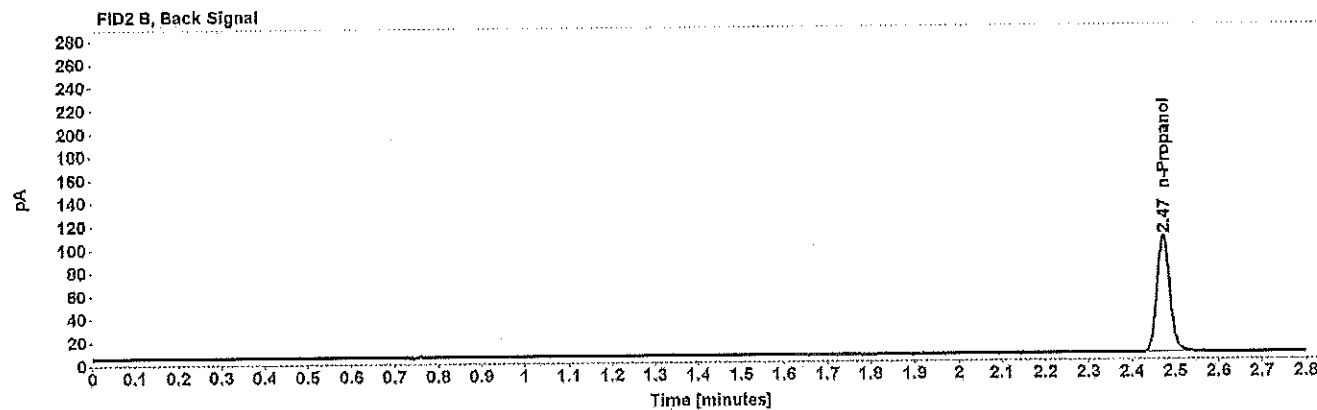
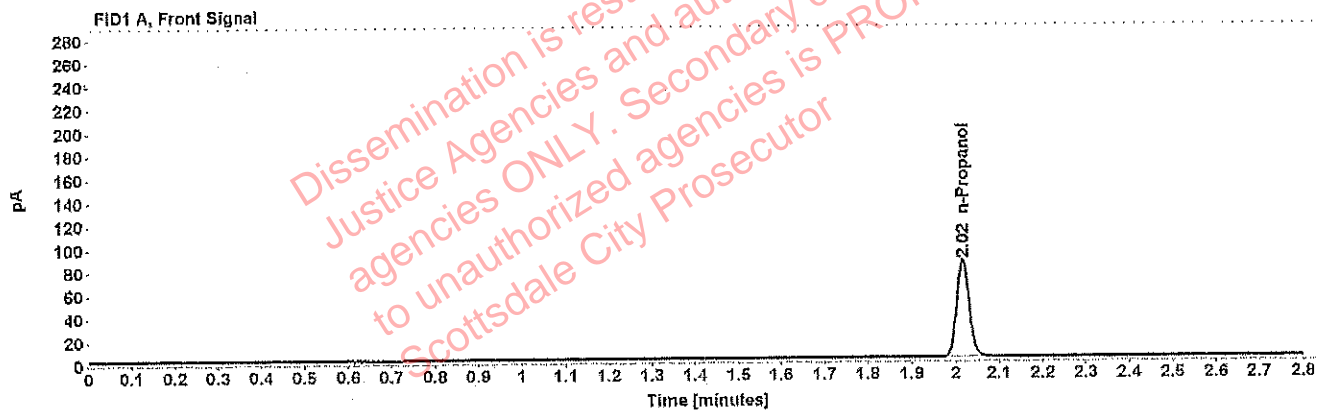


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	167.866

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

Compound	Time (min)	Peak Area
n-Propanol	2.472	206.884

Sequence Summary

WA

Sequence name: 14Mar19 Instrument: US14173023 CN14160045 Analyst: Adrian

Vial	Sample	Type	Item Number	Method
1	0.020 FN03241604	Calibration		ethanol quant.M
2	0.100 FN06181501	Calibration		ethanol quant.M
3	0.200 FN07201502	Calibration		ethanol quant.M
4	0.400 FN11191402	Calibration		ethanol quant.M
5	blank 121118	Control		ethanol quant.M
6	volatiles mix 020917	Control		ethanol quant.M
7	0.400 08012015-C	Control		ethanol quant.M
8	0.040 09022015-A	Control		ethanol quant.M
9	0.198 407041529/13	Control		ethanol quant.M
10		Sample	1233969	ethanol quant.M
11		Sample	1233969	ethanol quant.M
12		Sample	1251096	ethanol quant.M
13		Sample	1251096	ethanol quant.M
14		Sample	1257272	ethanol quant.M
15		Sample	1257272	ethanol quant.M
16		Sample	1254585	ethanol quant.M
17		Sample	1254585	ethanol quant.M
18		Sample	1235876	ethanol quant.M
19		Sample	1235876	ethanol quant.M
20	0.080 28082014-B	Control		ethanol quant.M
21		Sample	1254336	ethanol quant.M
22		Sample	1254336	ethanol quant.M
23		Sample	1254718	ethanol quant.M
24		Sample	1254718	ethanol quant.M
25		Sample	1254566	ethanol quant.M
26		Sample	1254566	ethanol quant.M
27		Sample	1232606	ethanol quant.M
28		Sample	1232606	ethanol quant.M
29		Sample	1256369	ethanol quant.M
30		Sample	1256369	ethanol quant.M
31	0.150 09022015-C	Control		ethanol quant.M
32		Sample	1255027	ethanol quant.M
33		Sample	1255027	ethanol quant.M
34		Sample	1254320	ethanol quant.M
35		Sample	1254320	ethanol quant.M
36		Sample	1254432	ethanol quant.M
37		Sample	1254432	ethanol quant.M
38		Sample	338-01A	ethanol quant.M
39		Sample	338-01A	ethanol quant.M
40		Sample	1254280	ethanol quant.M
41		Sample	1254280	ethanol quant.M
42	0.198 407041529/13	Control		ethanol quant.M
43		Sample	176-01A	ethanol quant.M
44		Sample	176-01A	ethanol quant.M
45		Sample	1257638	ethanol quant.M
46		Sample	1257638	ethanol quant.M
47		Sample	1256724	ethanol quant.M

Sequence Summary

14 Mar 19
WAB1570 3/18/19

48		Sample	1256724	ethanol quant.M
49		Sample	1258615	ethanol quant.M
50		Sample	1258615	ethanol quant.M
51		Sample	1258441	ethanol quant.M
52		Sample	1258441	ethanol quant.M
53	0.080 28082014-B	Control		ethanol quant.M
54		Sample	1256447	ethanol quant.M
55		Sample	1256447	ethanol quant.M
56		Sample	1255350	ethanol quant.M
57		Sample	1255350	ethanol quant.M
58		Sample	1254847	ethanol quant.M
59		Sample	1254847	ethanol quant.M
60		Sample	1255043	ethanol quant.M
61		Sample	1255043	ethanol quant.M
62		Sample	1256226	ethanol quant.M
63		Sample	1256226	ethanol quant.M
64	0.150 09022015-C	Control		ethanol quant.M
65		Sample	1255755	ethanol quant.M
66		Sample	1255755	ethanol quant.M
67		Sample	1255327	ethanol quant.M
68		Sample	1255327	ethanol quant.M
69		Sample	1256522	ethanol quant.M
70		Sample	1256522	ethanol quant.M
71		Sample	1258597	ethanol quant.M
72		Sample	1258597	ethanol quant.M
73		Sample	1252731	ethanol quant.M
74		Sample	1252731	ethanol quant.M
75	0.198 407041529/13	Control		ethanol quant.M
76		Sample	1259375	ethanol quant.M
77		Sample	1259375	ethanol quant.M
78		Sample	1255048	ethanol quant.M
79		Sample	1255048	ethanol quant.M
80		Sample	0000004	ethanol quant.M
81		Sample	0000004	ethanol quant.M
82		Sample	0000002	ethanol quant.M
83		Sample	0000002	ethanol quant.M
84		Sample	0000001	ethanol quant.M
85		Sample	0000001	ethanol quant.M
86	0.080 28082014-B	Control		ethanol quant.M
87		Sample	0000003	ethanol quant.M
88		Sample	0000003	ethanol quant.M
89		Sample	1259631	ethanol quant.M
90		Sample	1259631	ethanol quant.M
91		Sample	1259553	ethanol quant.M
92		Sample	1259553	ethanol quant.M
93		Sample	1259386	ethanol quant.M
94		Sample	1259386	ethanol quant.M
95		Sample	346-01A	ethanol quant.M
96		Sample	346-01A	ethanol quant.M
97	0.150 09022015-C	Control		ethanol quant.M
98		Sample	1256497	ethanol quant.M

Sequence Summary

14M-19
WA0570 3/18/19

99		Sample	1256497	ethanol quant.M
100		Sample	1256076	ethanol quant.M
101		Sample	1256076	ethanol quant.M
102	0.40 08012015-C	Control		ethanol quant.M
103	0.04 09022015-A	Control		ethanol quant.M
104	0.198 407041529/13	Control		ethanol quant.M
105	blank 121118	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 14Mar19

ANALYST: Adrian

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1001	0.0999	0.10000	0.10	0.00010
12 13	0.1448	0.1450	0.14490	0.07	0.00010
14 15	0.1864	0.1886	0.18750	0.59	0.00110
16 17	0.2421	0.2448	0.24345	0.55	0.00135
18 19	0.1964	0.1929	0.19465	0.90	0.00175
21 22	0.1602	0.1619	0.16105	0.53	0.00085
23 24	0.1541	0.1545	0.15430	0.13	0.00020
25 26	0.2275	0.2260	0.22675	0.33	0.00075
27 28	0.2071	0.2100	0.20855	0.70	0.00145
29 30	0.0504	0.0506	0.05050	0.20	0.00010
32 33	0.1716	0.1727	0.17215	0.32	0.00055
34 35	0.2259	0.2231	0.22450	0.62	0.00140
36 37	0.1794	0.1789	0.17915	0.14	0.00025
38 39	0.1397	0.1401	0.13990	0.14	0.00020
40 41	0.0983	0.0976	0.09795	0.36	0.00035
43 44	0.1753	0.1756	0.17545	0.09	0.00015
45 46	0.0922	0.0932	0.09270	0.54	0.00050
47 48	0.0903	0.0902	0.09025	0.06	0.00005
49 50	0.1873	0.1885	0.18790	0.32	0.00060
51 52	0.2106	0.2103	0.21045	0.07	0.00015
54 55	0.0732	0.0735	0.07335	0.20	0.00015
56 57	0.1552	0.1550	0.15510	0.06	0.00010
58 59	0.2200	0.2213	0.22065	0.29	0.00065
60 61	0.1572	0.1569	0.15705	0.10	0.00015
62 63	0.1948	0.1957	0.19525	0.23	0.00045
65 66	0.1272	0.1212	0.12420	2.42	0.00300
67 68	0.2368	0.2372	0.23700	0.08	0.00020
69 70	0.1753	0.1764	0.17585	0.31	0.00055
71 72	0.1578	0.1583	0.15805	0.16	0.00025
73 74	0.2342	0.2326	0.23340	0.34	0.00080
76 77	0.1300	0.1299	0.12995	0.04	0.00005
78 79	0.1089	0.1103	0.10960	0.64	0.00070
80 81	0.0376	0.0377	0.03765	0.13	0.00005
82 83	0.0791	0.0777	0.07840	0.89	0.00070
84 85	0.1473	0.1488	0.14805	0.51	0.00075
87 88	0.2485	0.2485	0.24850	0.00	0.00000
89 90	0.1526	0.1518	0.15220	0.26	0.00040
91 92	0.3338	0.3345	0.33415	0.10	0.00035
93 94	0.2856	0.2867	0.28615	0.19	0.00055
95 96	0.1520	0.1513	0.15165	0.23	0.00035
98 99	0.0996	0.0997	0.09965	0.05	0.00005
100 101	0.1499	0.1505	0.15020	0.20	0.00030

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

: Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1233969
Injection date:	3/14/2019 5:53:03 PM	Vial:	10
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\10.D		

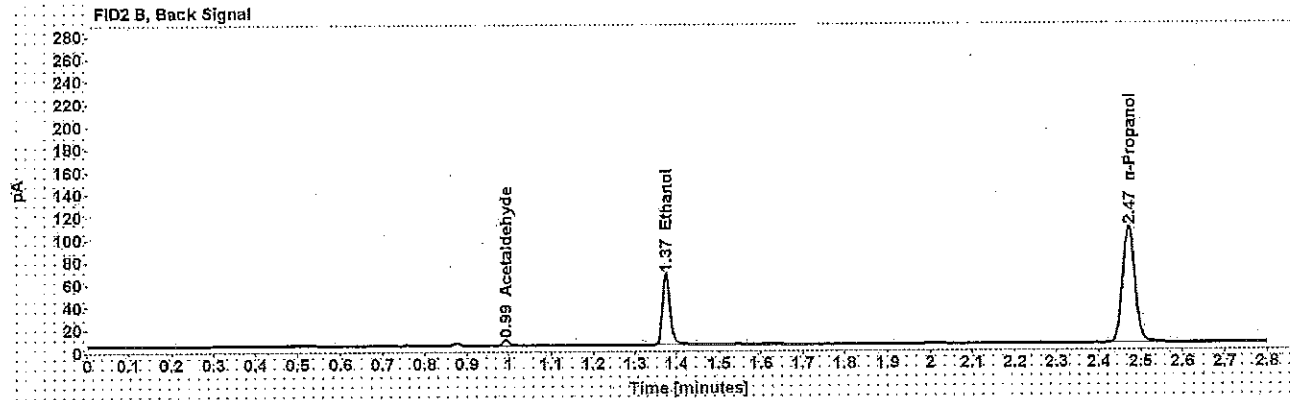
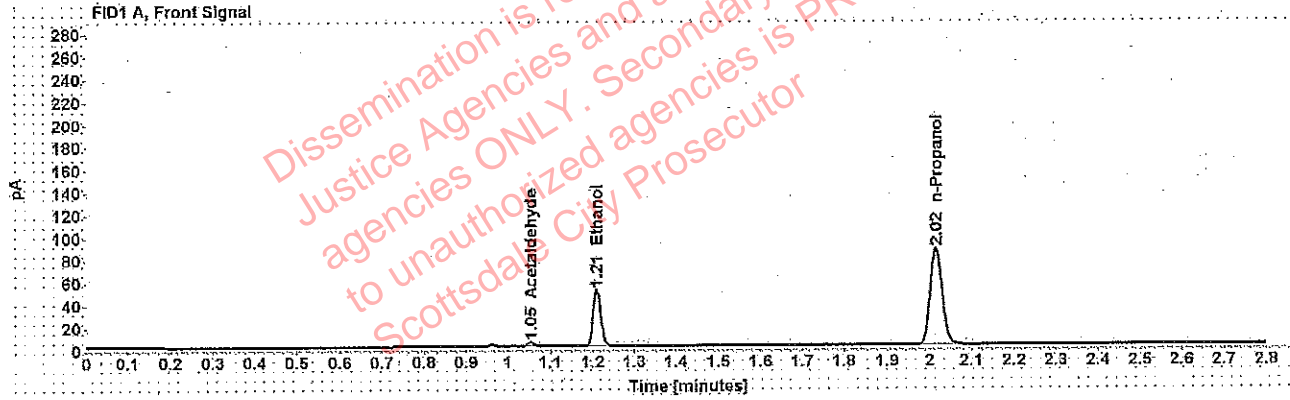


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.868
>Ethanol	0.1001	1.209	64.601
n-Propanol	-----	2.015	171.205

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	5.037
Ethanol	1.375	79.590
n-Propanol	2.470	210.046

[REDACTED] : Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1233969
Injection date:	3/14/2019 5:57:03 PM	Vial:	11
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\11.D		

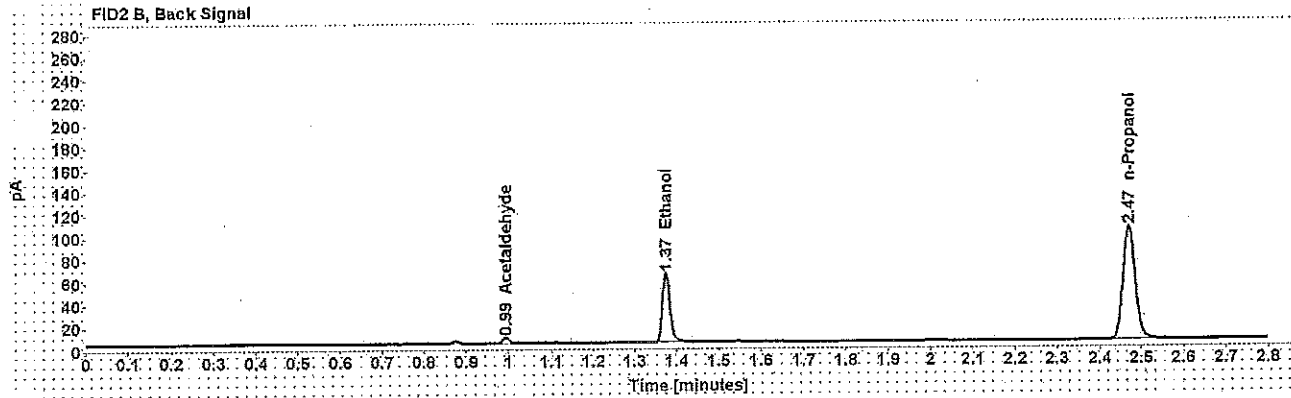
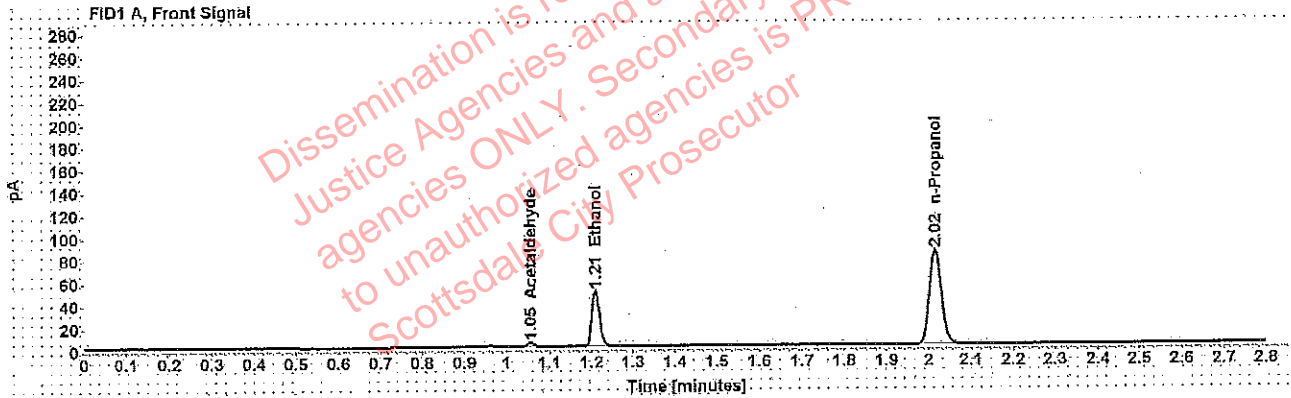


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.875
>Ethanol	0.0999	1.209	62.990
n-Propanol	-----	2.015	167.339

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	5.095
Ethanol	1.375	77.419
n-Propanol	2.470	205.561

Case: [REDACTED]: Adrian, William - (18-Mar-2019)

User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1251096
Injection date:	3/14/2019 6:01:03 PM	Vial:	12
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\12.D		

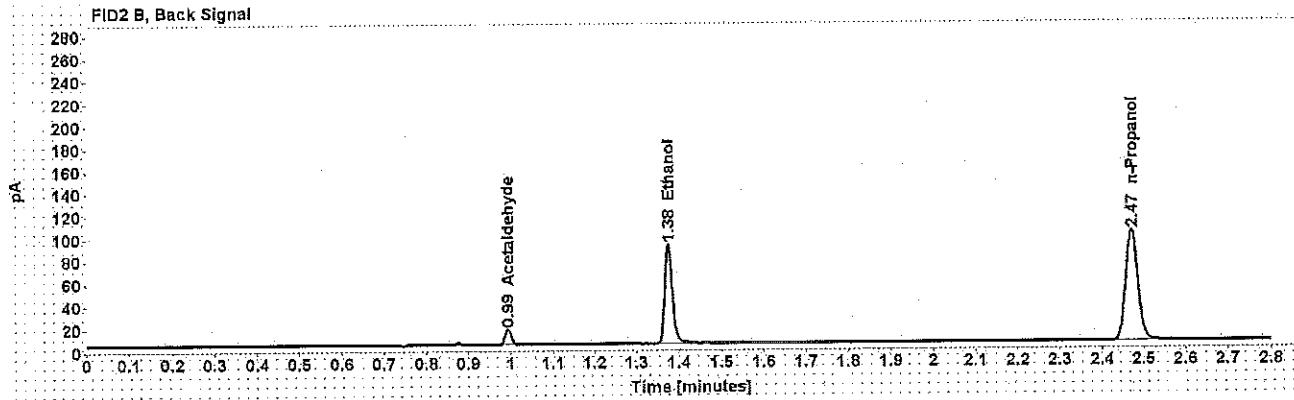
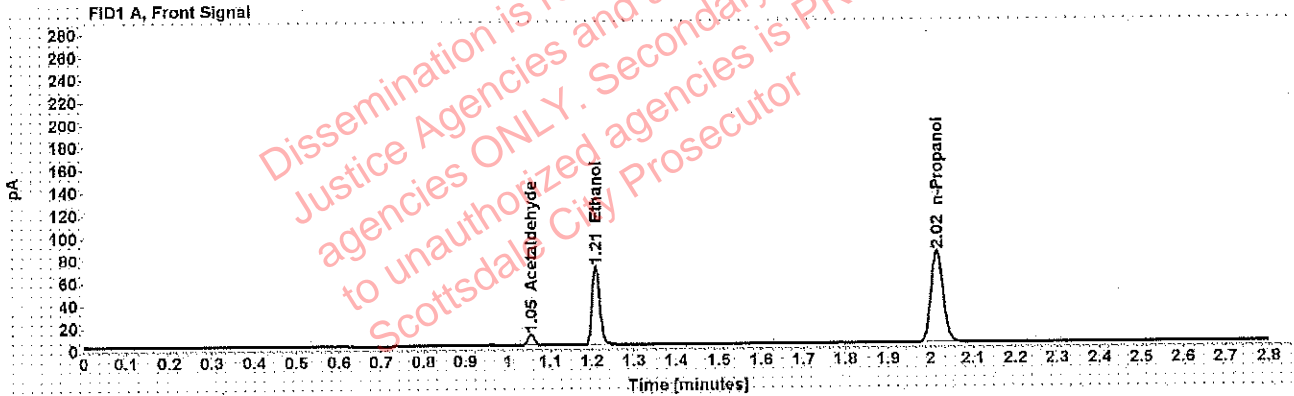


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	10.582
>Ethanol	0.1448	1.209	89.623
n-Propanol	-----	2.016	163.562

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	13.606
Ethanol	1.375	111.435
n-Propanol	2.471	200.212

Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1251096
Injection date:	3/14/2019 6:05:19 PM	Vial:	13
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\13.D		

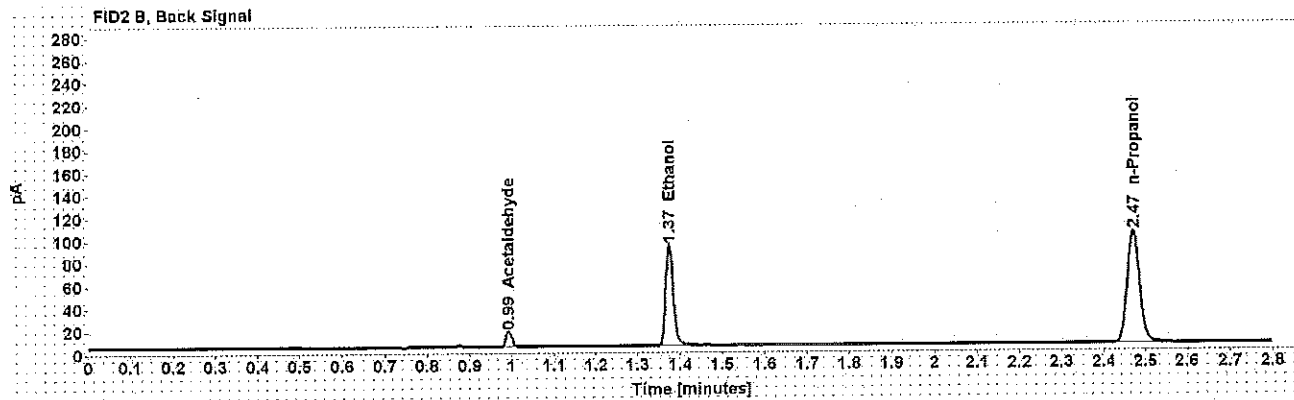
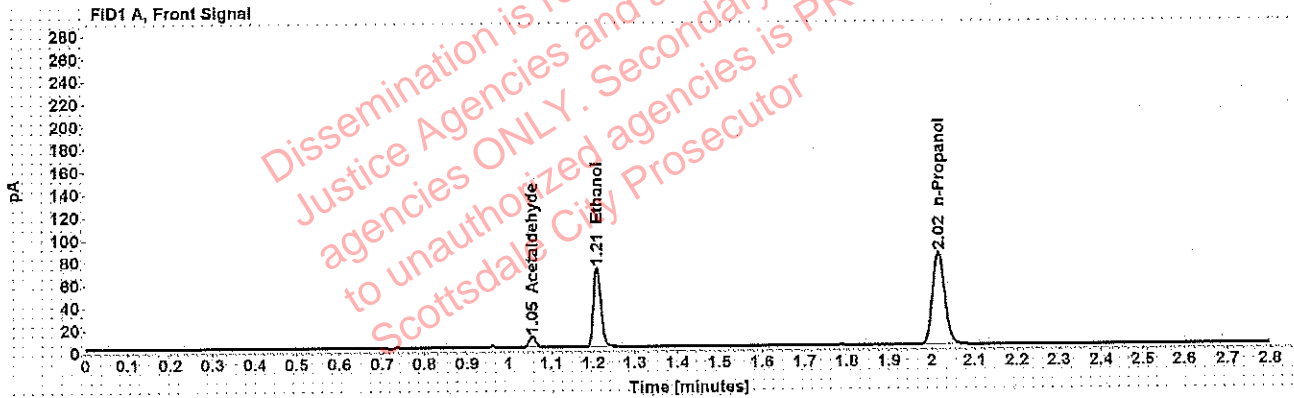


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	10.630
>Ethanol	0.1450	1.209	90.526
n-Propanol	-----	2.016	164.973

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	13.702
Ethanol	1.375	112.319
n-Propanol	2.471	202.357

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1257272
Injection date:	3/14/2019 6:09:18 PM	Vial:	14
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\14.D		

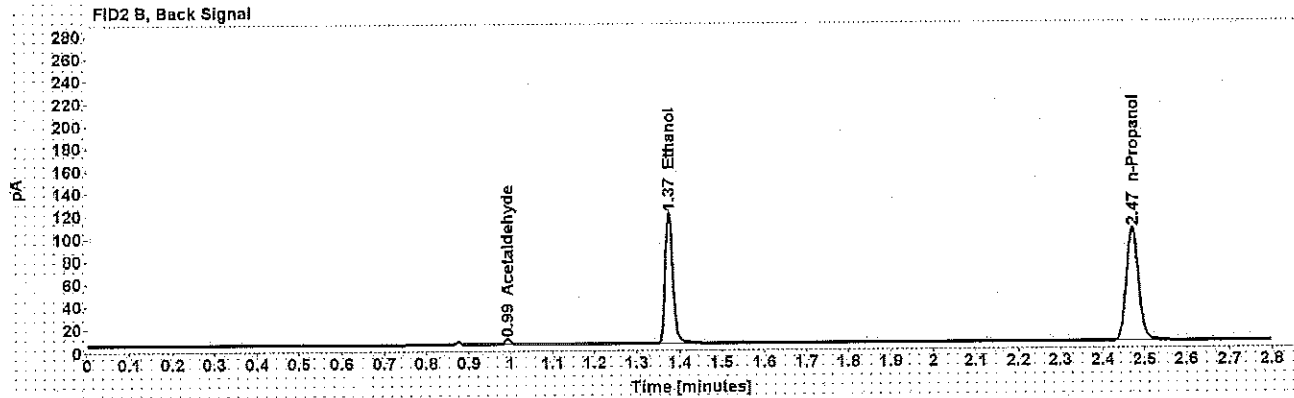
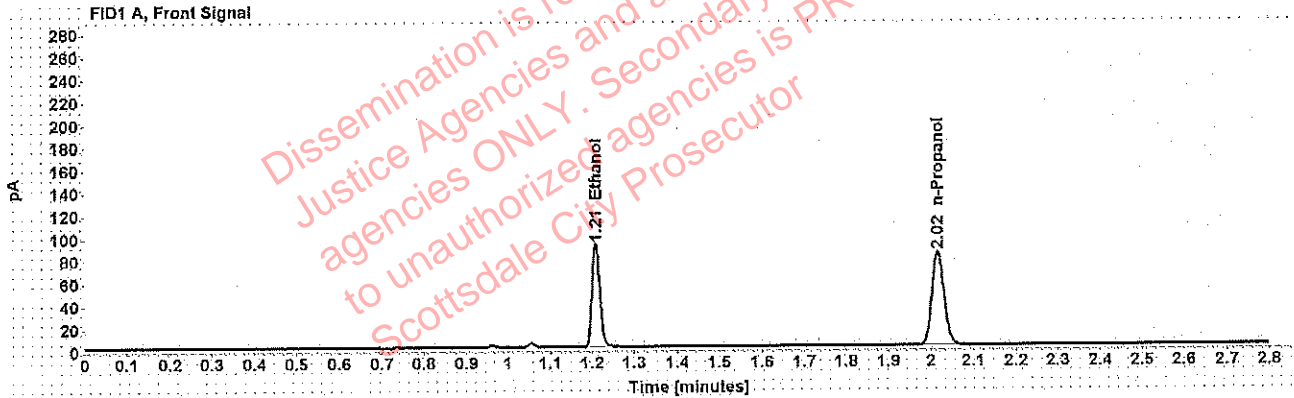


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1864	1.209	117.643
n-Propanol	-----	2.016	166.465

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.684
Ethanol	1.375	145.942
n-Propanol	2.471	203.993

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1257272
Injection date:	3/14/2019 6:13:18 PM	Vial:	15
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\15.D		

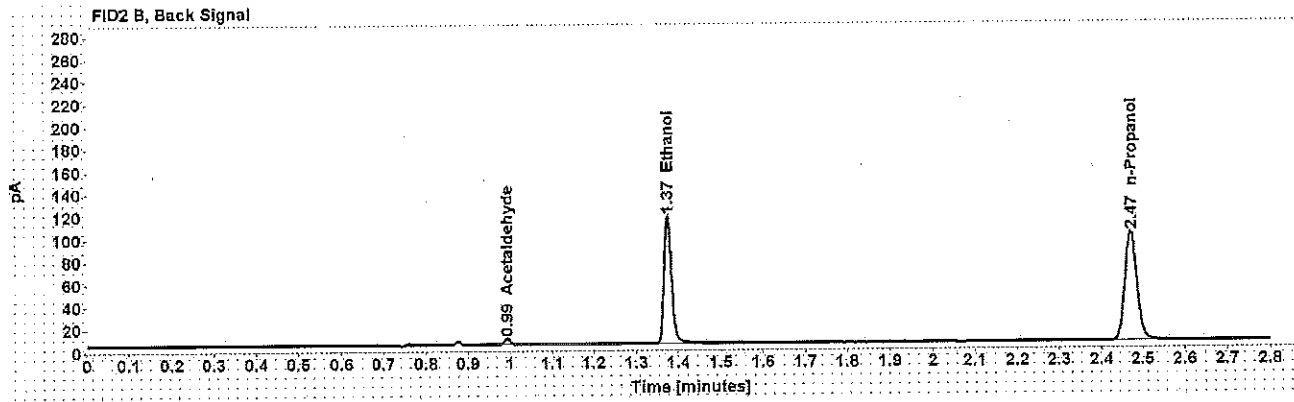
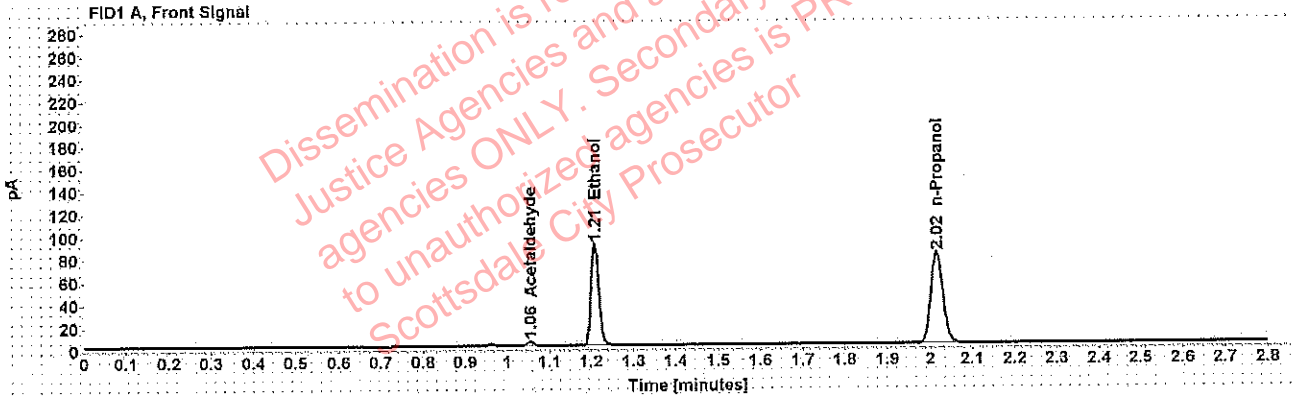


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.160
>Ethanol	0.1886	1.209	115.086
n-Propanol	-----	2.016	160.970

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.434
Ethanol	1.375	144.217
n-Propanol	2.471	197.309

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1254585
Injection date:	3/14/2019 6:17:20 PM	Vial:	16
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\16.D		

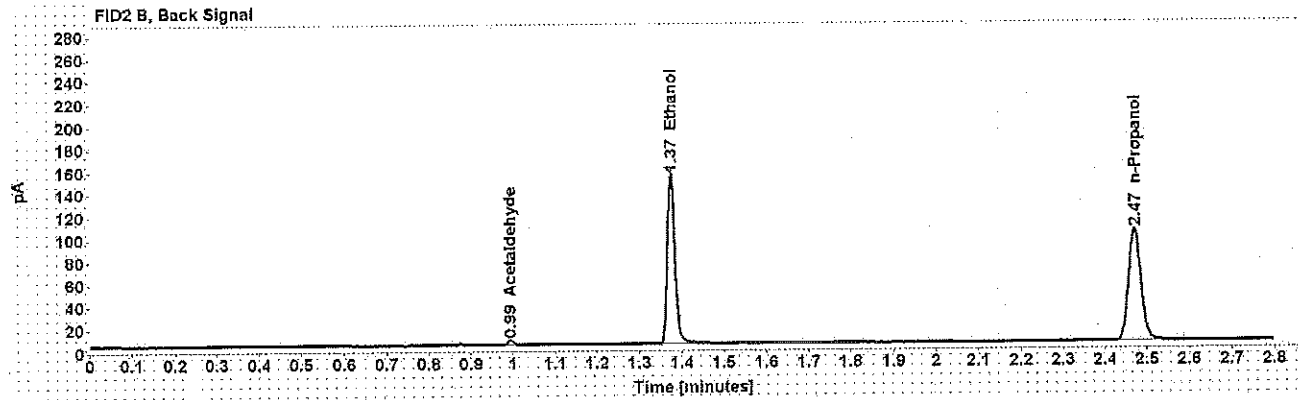
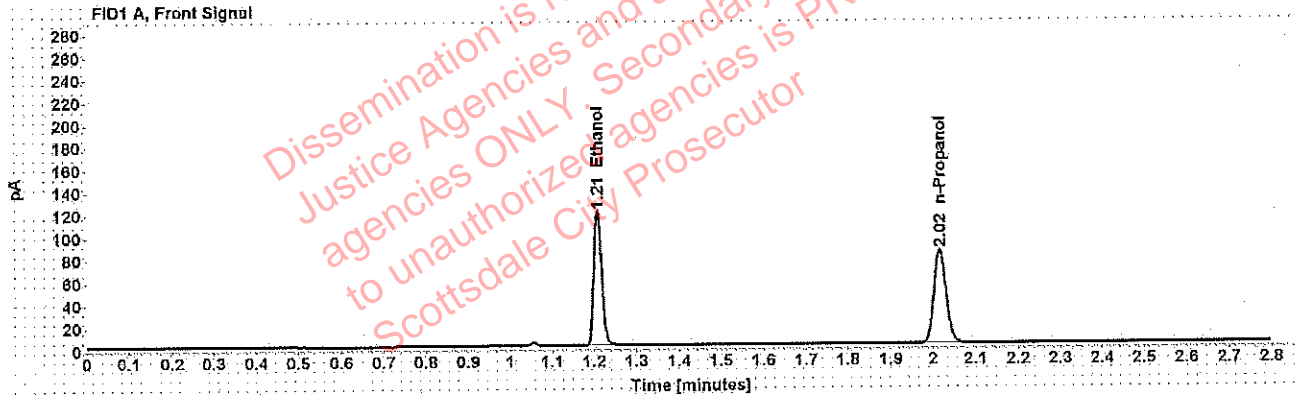


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2421	1.209	152.658
n-Propanol	-----	2.016	166.126

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.929
Ethanol	1.375	189.711
n-Propanol	2.471	203.230

Adrian, William - (18-Mar-2019)

Case: User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Item number:	1254585
Injection date:	3/14/2019 6:21:19 PM	Vial:	17
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\17.D		

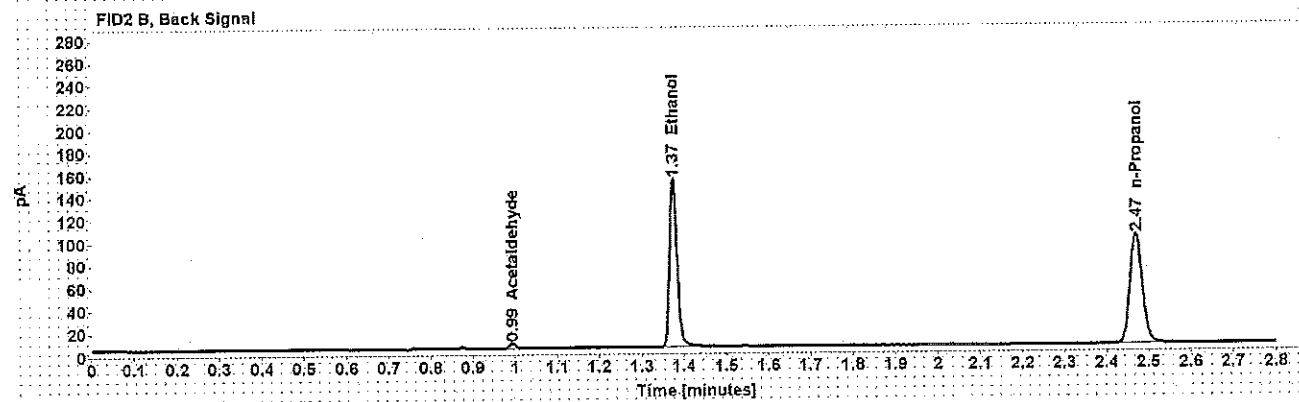
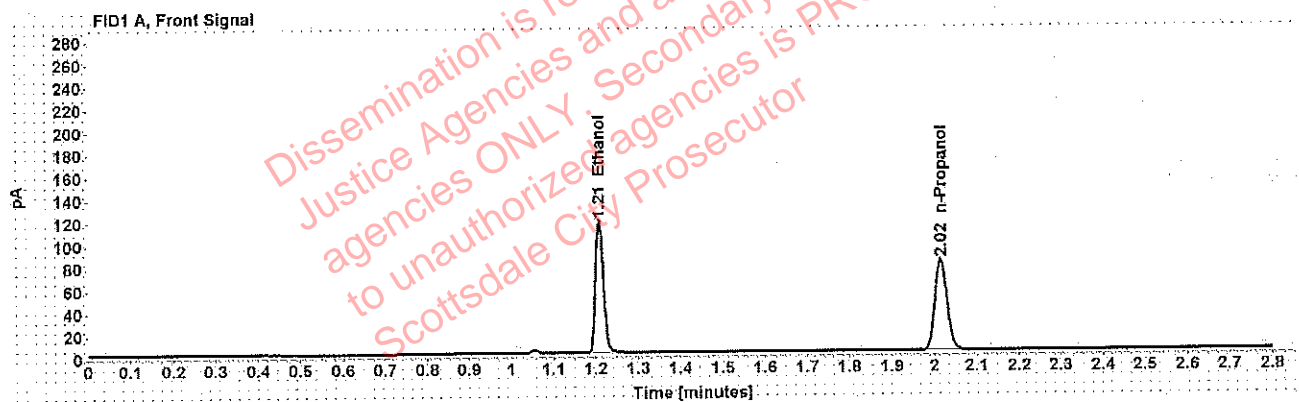


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2448	1.209	150.393
n-Propanol	-----	2.016	161.826

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.206
Ethanol	1.375	187.029
n-Propanol	2.471	197.882

Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1235876
Injection date:	3/14/2019 6:25:18 PM	Vial:	18
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\18.D		

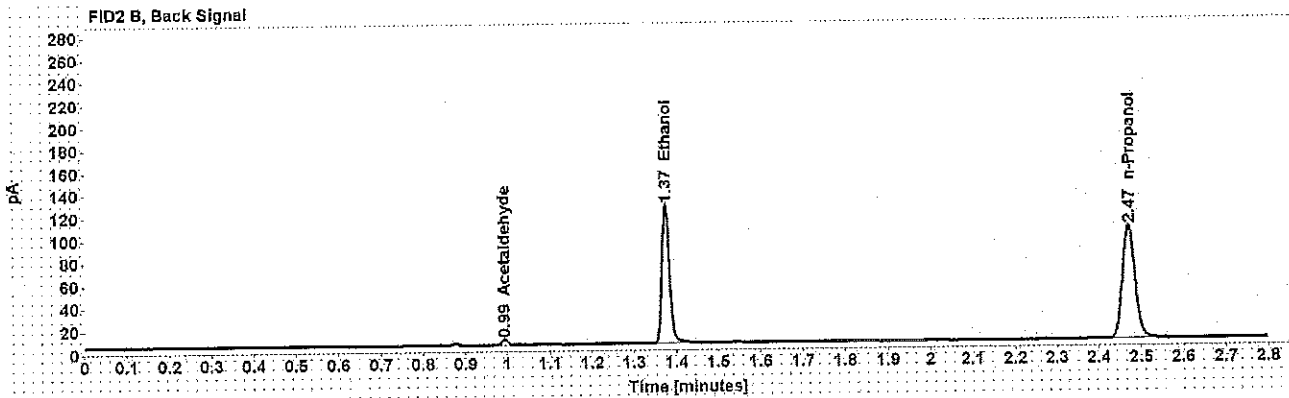
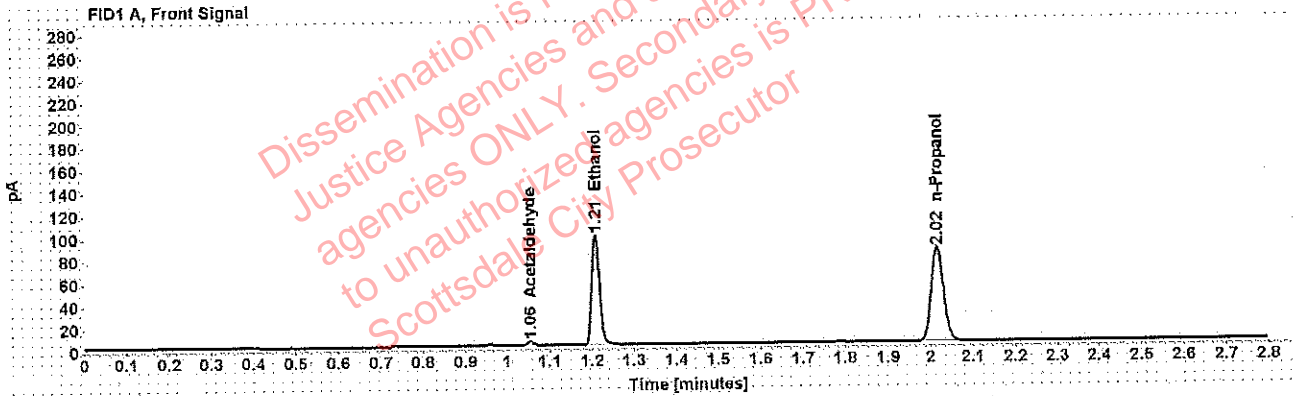


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.778
>Ethanol	0.1964	1.209	124.457
n-Propanol	-----	2.016	167.120

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.906
Ethanol	1.375	154.744
n-Propanol	2.471	204.431

Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1235876
Injection date:	3/14/2019 6:29:33 PM	Vial:	19
Method:	ethanol.quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\19.D		

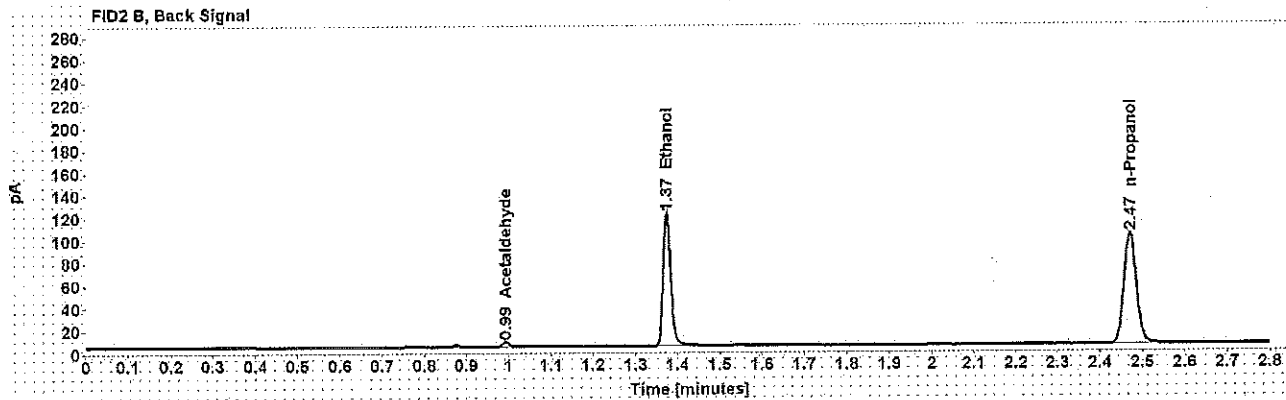
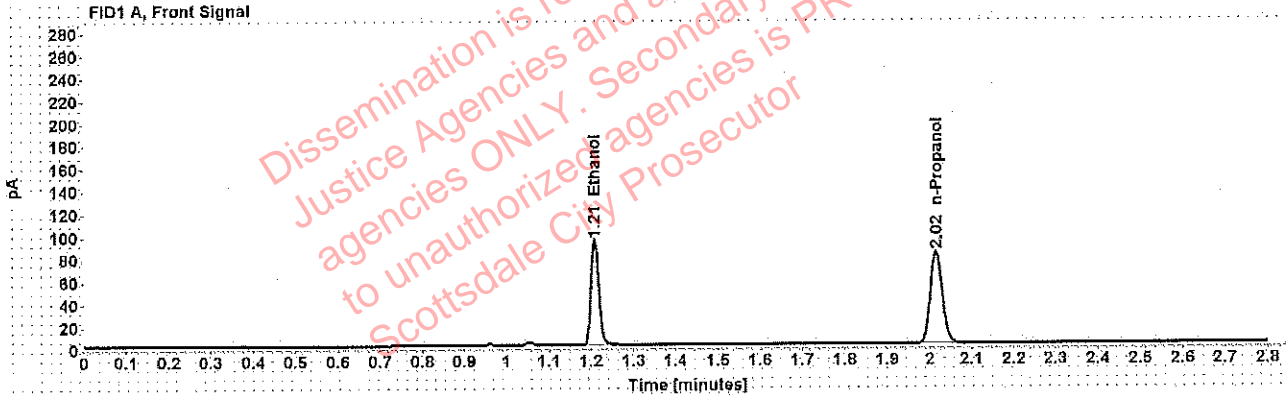


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1929	1.209	120.173
n-Propanol	-----	2.016	164.288

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.334
Ethanol	1.375	149.116
n-Propanol	2.471	201.139

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1254336
Injection date:	3/14/2019 6:37:32 PM	Vial:	21
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\21.D		

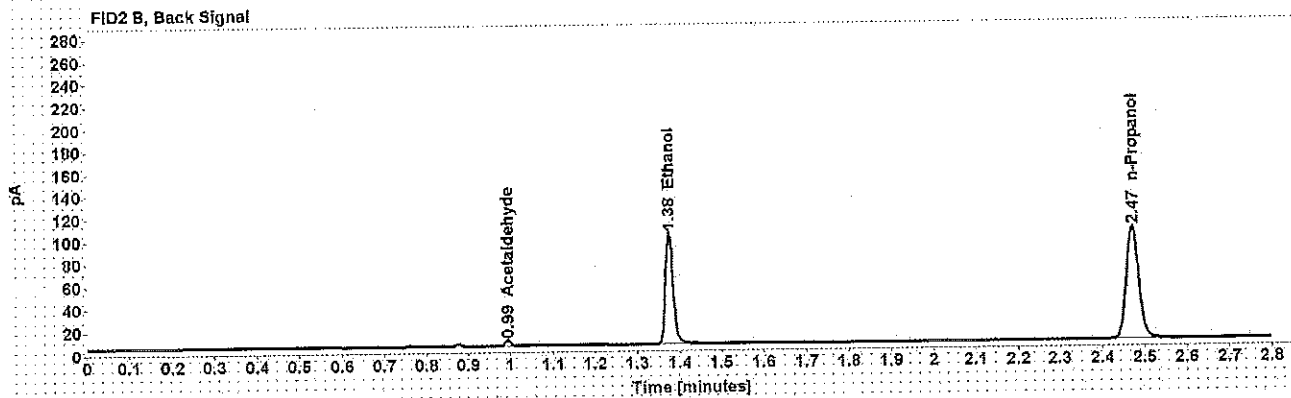
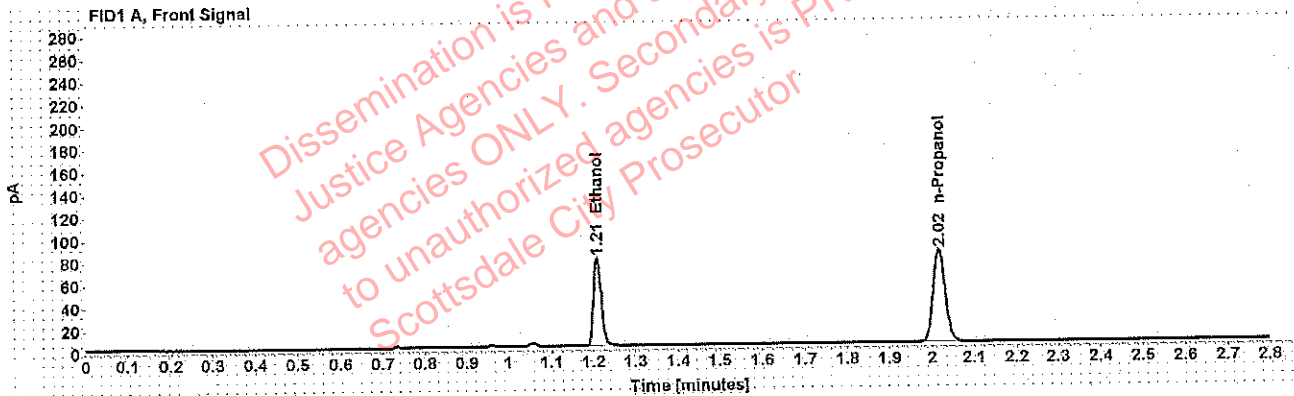


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1602	1.209	100.399
n-Propanol	-----	2.016	165.465

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.449
Ethanol	1.375	124.625
n-Propanol	2.471	202.655

Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1254336
Injection date:	3/14/2019 6:41:35 PM	Vial:	22
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\22.D		

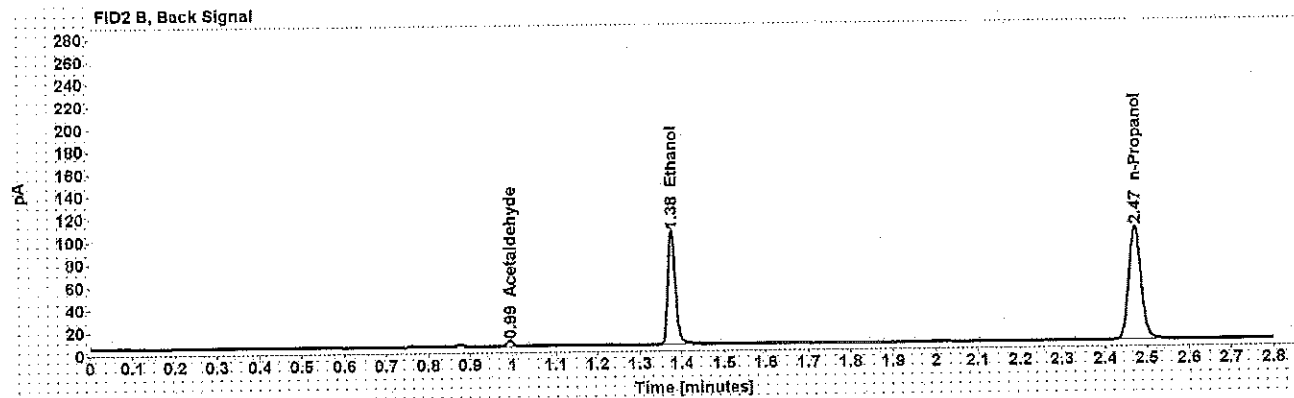
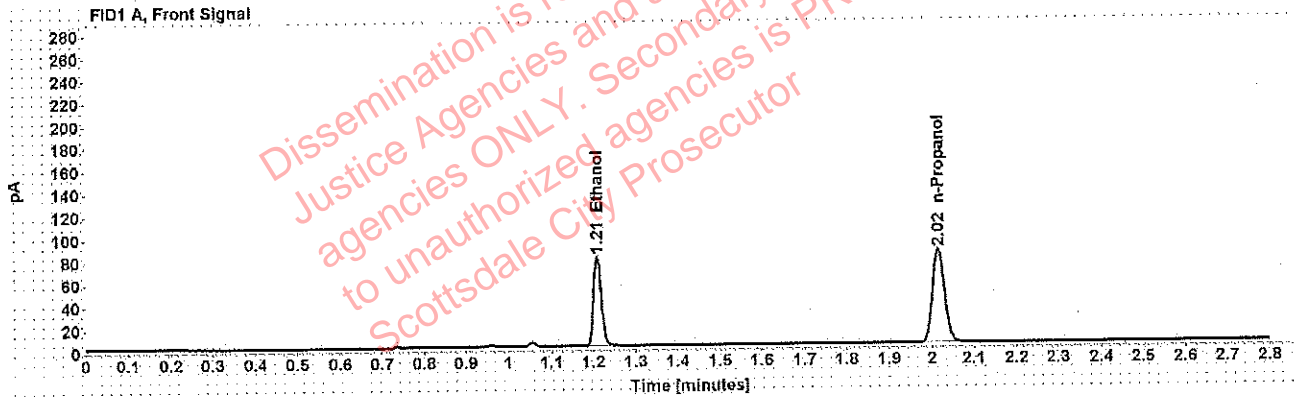


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1619	1.210	102.229
n-Propanol	-----	2.016	166.694

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.549
Ethanol	1.376	126.776
n-Propanol	2.471	204.184

Case: [REDACTED] : Adrian, William - (18-Mar-2019)

User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1254718
Injection date:	3/14/2019 6:45:33 PM	Vial:	23
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\14Mar19\23.D		

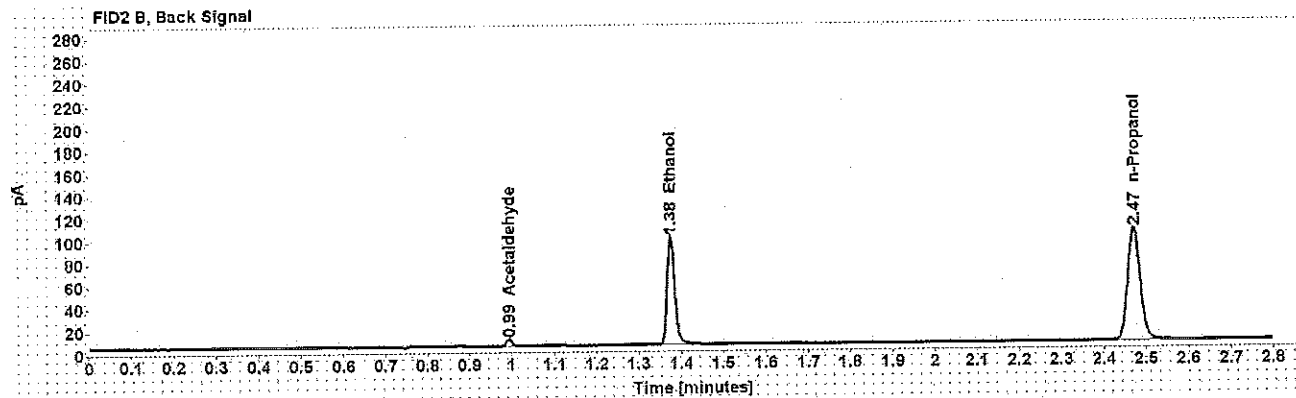
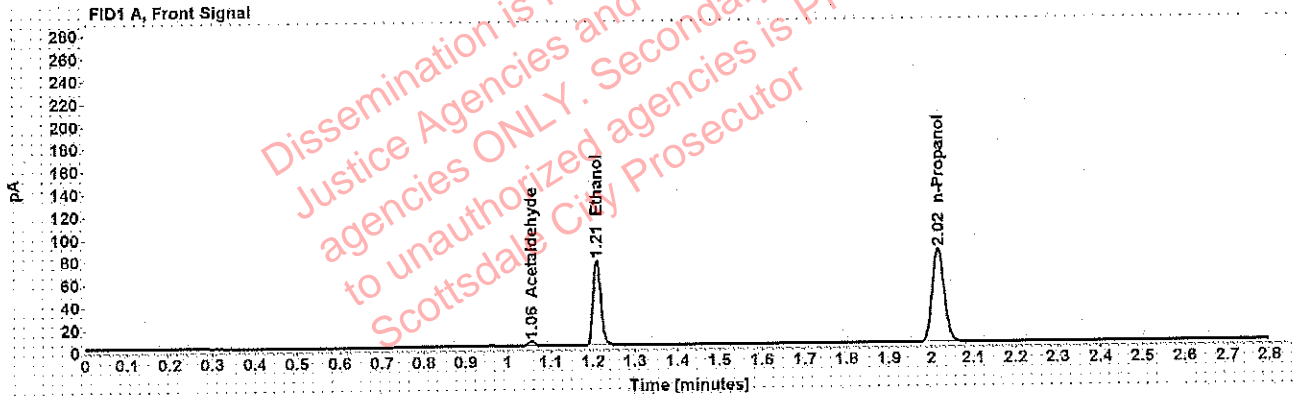


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.323
>Ethanol	0.1541	1.209	97.413
n-Propanol	-----	2.016	166.973

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.644
Ethanol	1.375	120.447
n-Propanol	2.471	204.782

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1254718
Injection date:	3/14/2019 6:49:34 PM	Vial:	24
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\24.D		

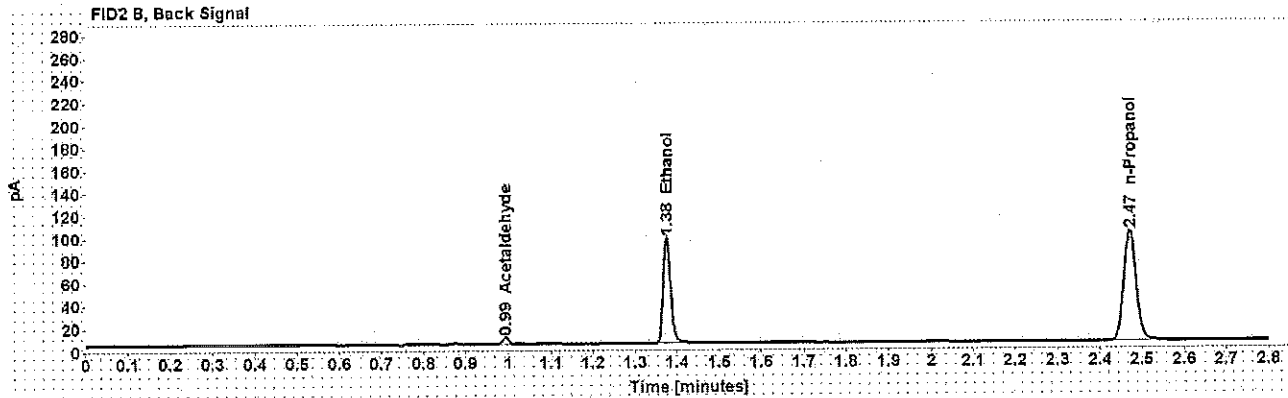
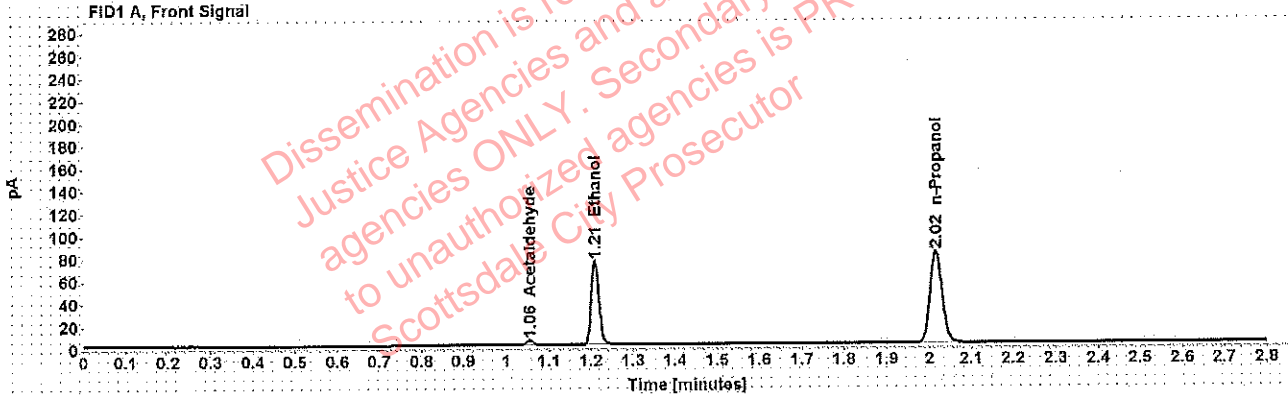


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.284
>Ethanol	0.1545	1.210	95.599
n-Propanol	-----	2.016	163.439

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.616
Ethanol	1.375	118.659
n-Propanol	2.471	200.295

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1254566
Injection date: 3/14/2019 6:53:48 PM	Vial: 25
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\14Mar19\25.D	

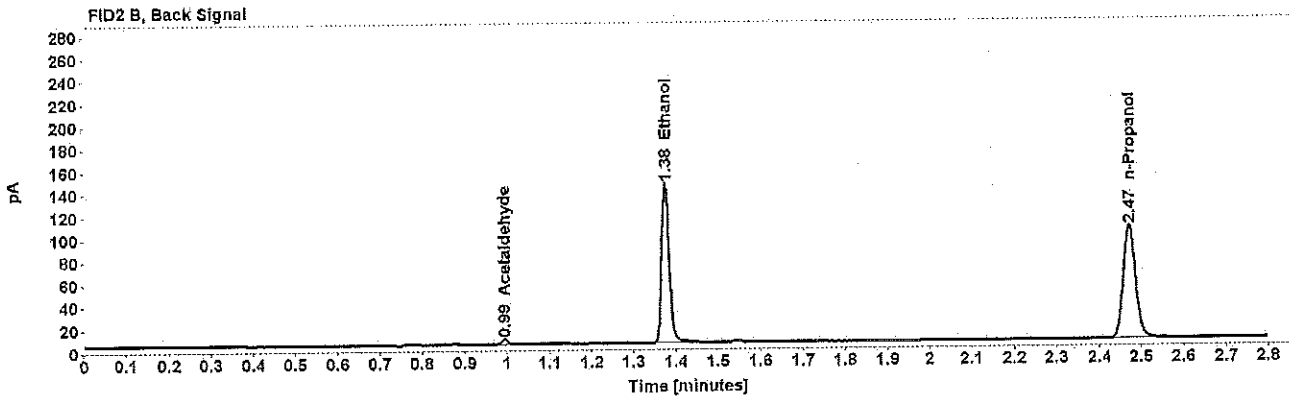
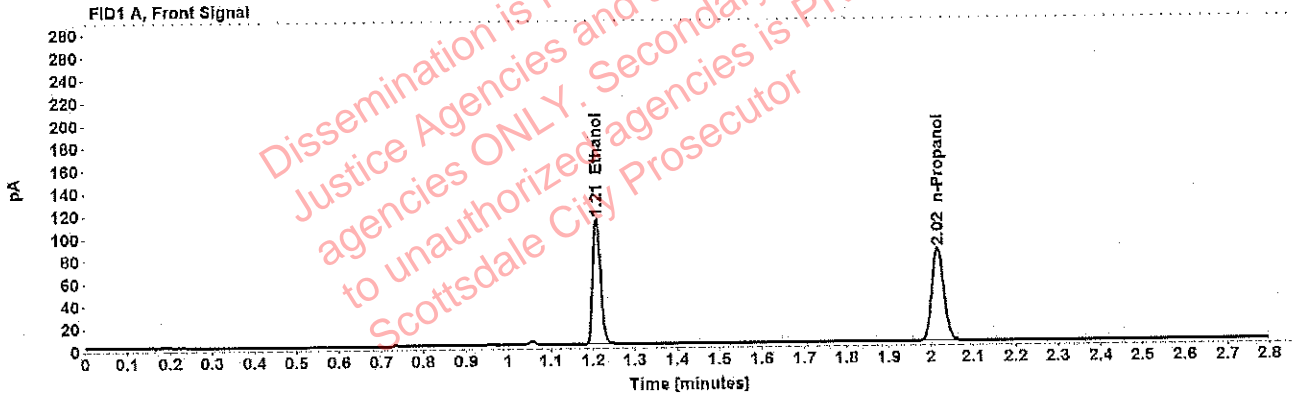


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2275	1.209	143.746
n-Propanol	-----	2.016	166.517

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.196
Ethanol	1.376	177.974
n-Propanol	2.471	204.099

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1254566
Injection date:	3/14/2019 6:57:48 PM	Vial:	26
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\26.D		

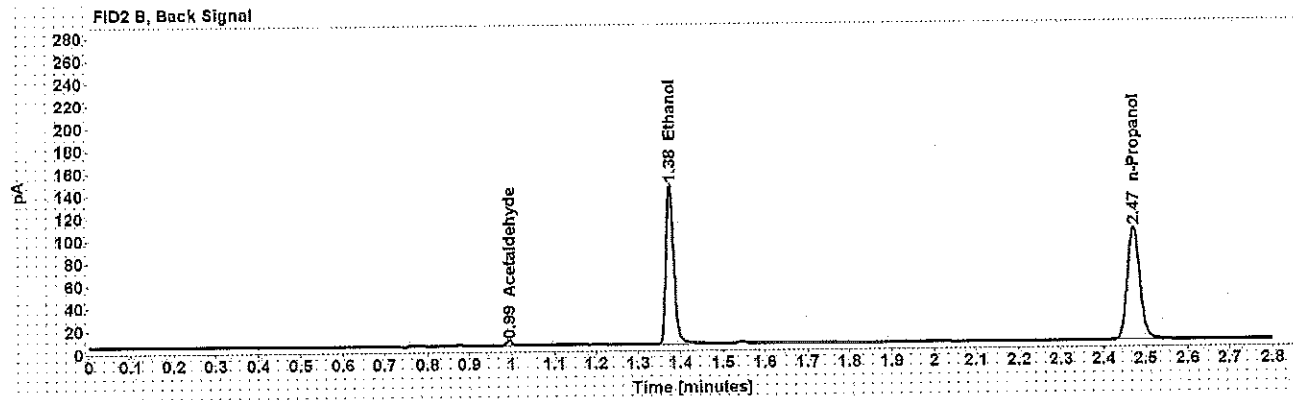
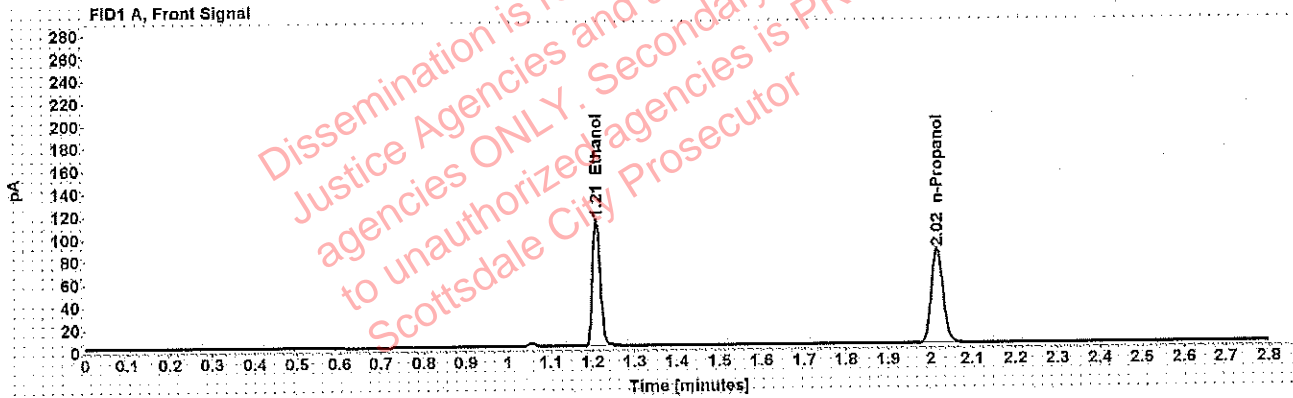


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2260	1.209	143.596
n-Propanol	-----	2.016	167.430

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.150
Ethanol	1.375	178.424
n-Propanol	2.471	204.929

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1232606
Injection date:	3/14/2019 7:01:50 PM	Vial:	27
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\14Mar19\27.D		

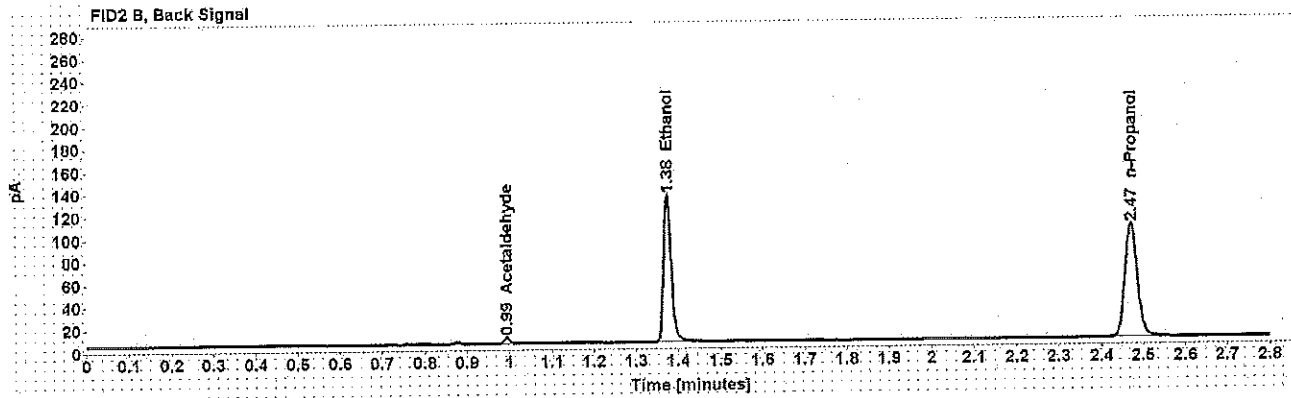
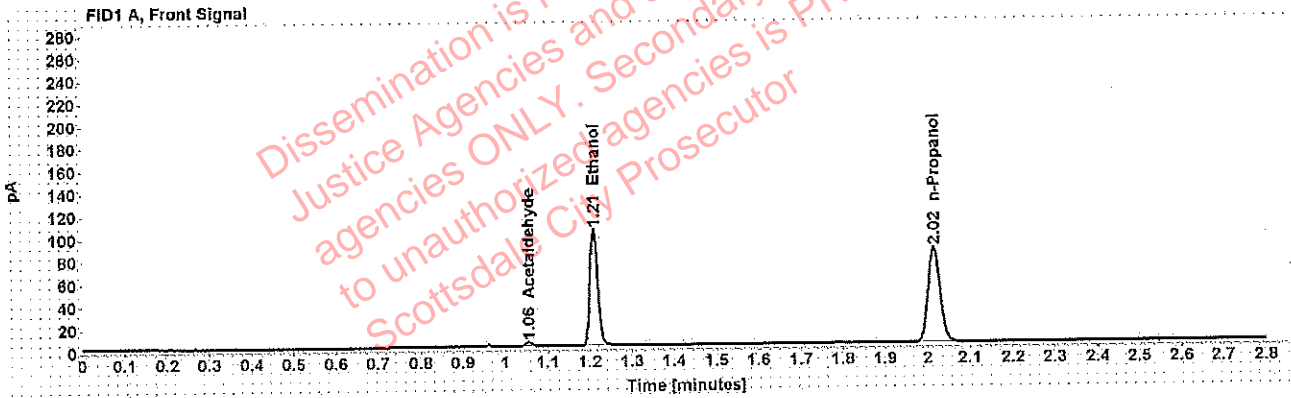


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.037
>Ethanol	0.2071	1.209	132.244
n-Propanol	-----	2.016	168.320

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.286
Ethanol	1.375	164.487
n-Propanol	2.471	206.846

Adrian, William - (18-Mar-2019)

Case: User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Item number:	1232606
Injection date:	3/14/2019 7:05:50 PM	Vial:	28
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\14Mar19\28.D		

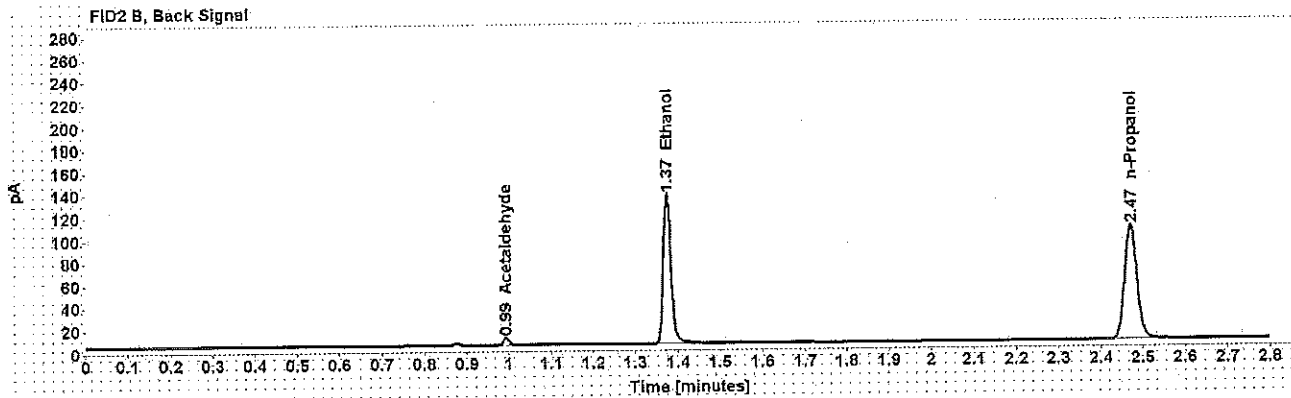
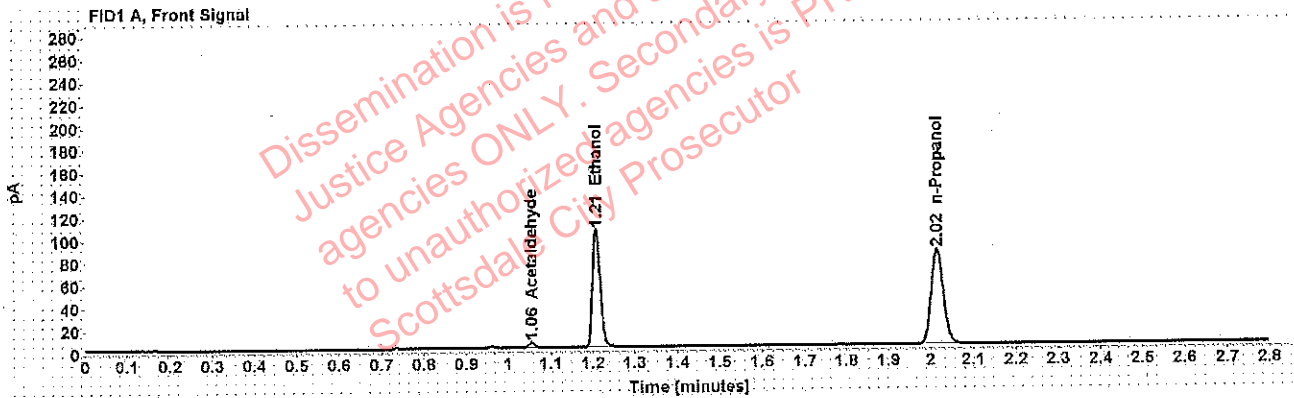


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.735
>Ethanol	0.2100	1.209	134.574
n-Propanol	-----	2.016	168.911

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.158
Ethanol	1.375	167.067
n-Propanol	2.471	207.728

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1256369
Injection date:	3/14/2019 7:09:48 PM	Vial:	29
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\29.D		

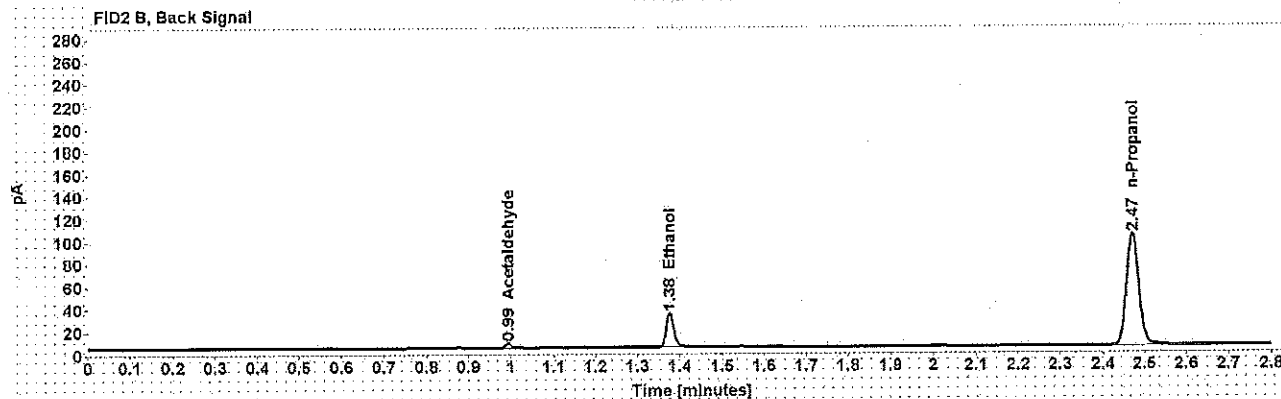
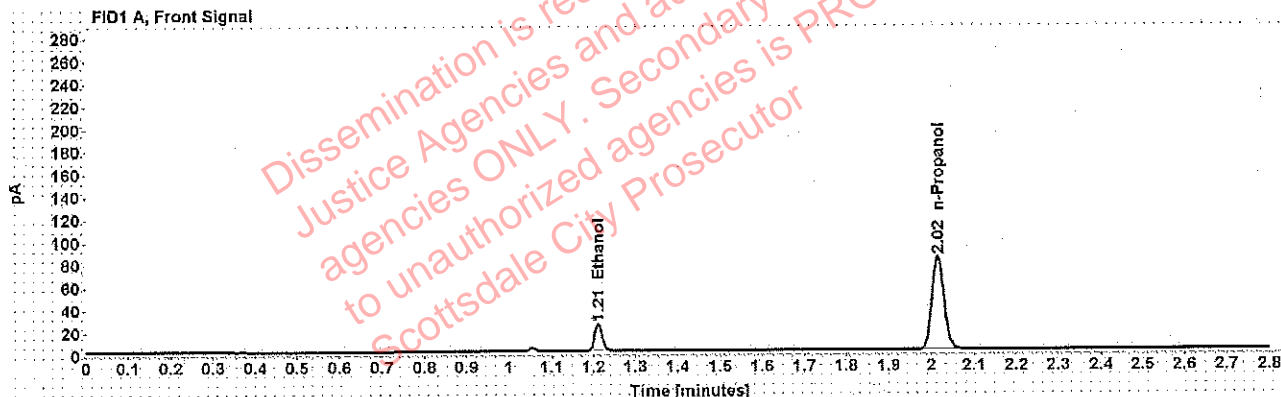


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0504	1.211	31.058
n-Propanol	-----	2.016	165.422

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.869
Ethanol	1.376	38.106
n-Propanol	2.471	202.690

: Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1256369
Injection date:	3/14/2019 7:13:48 PM	Vial:	30
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\30.D		

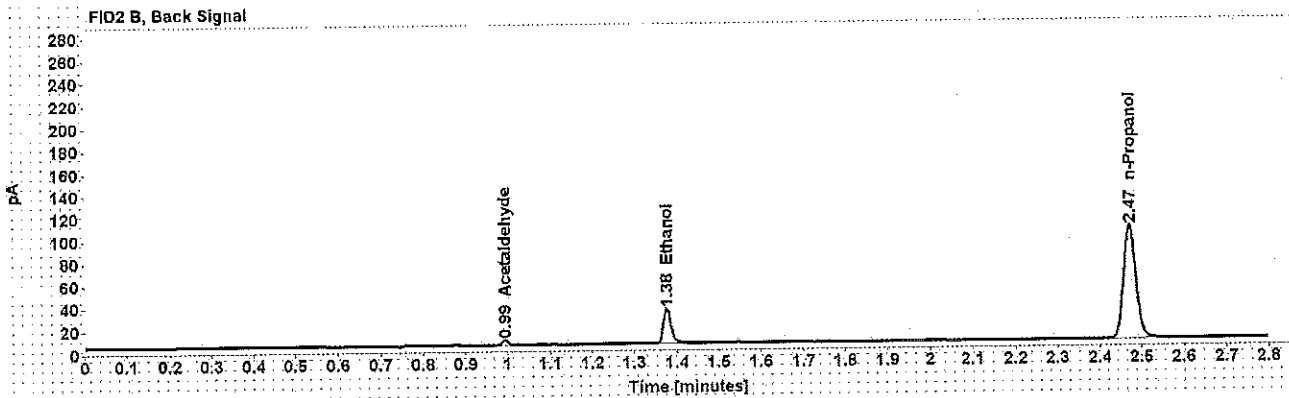
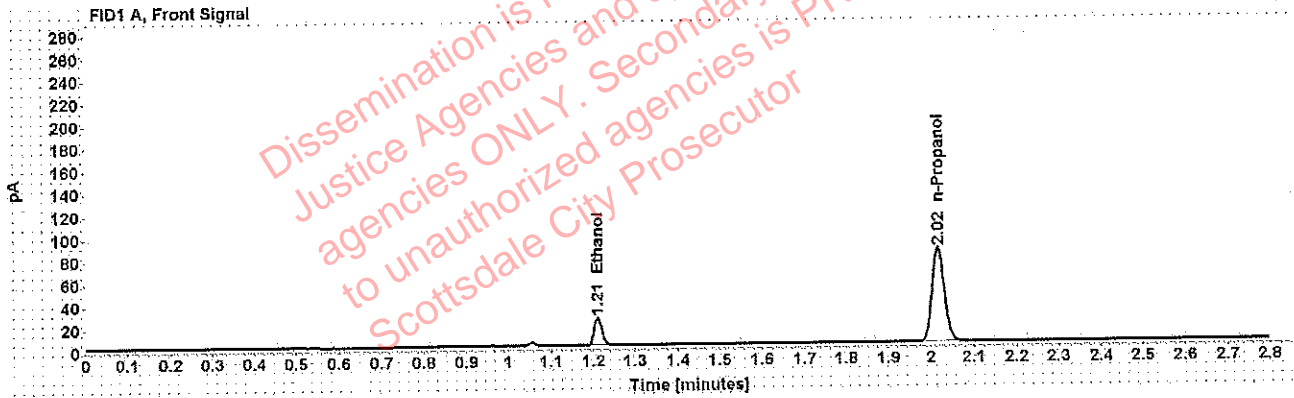


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0506	1.211	31.613
n-Propanol	-----	2.016	167.727

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.059
Ethanol	1.376	30.840
n-Propanol	2.471	205.487

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1255027
Injection date: 3/14/2019 7:22:03 PM	Vial: 32
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\32.D	

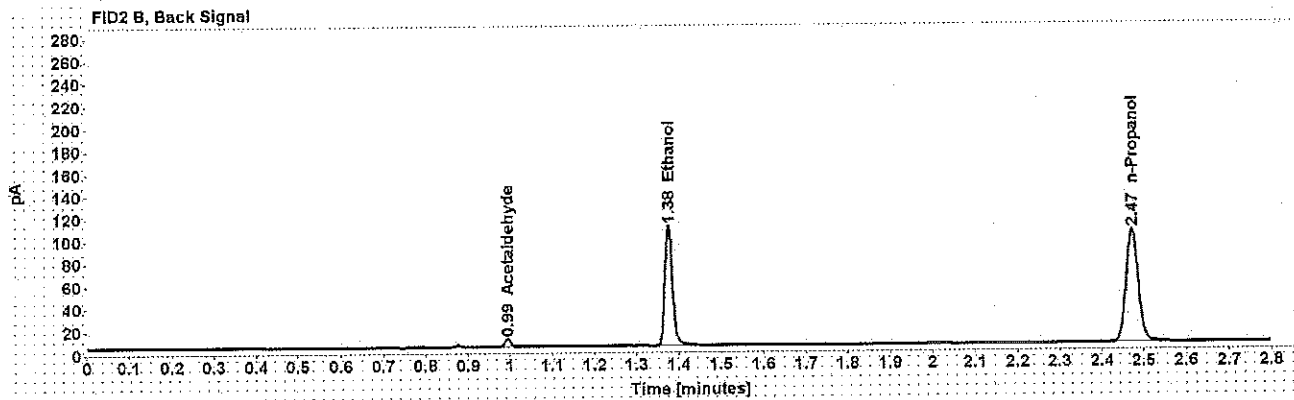
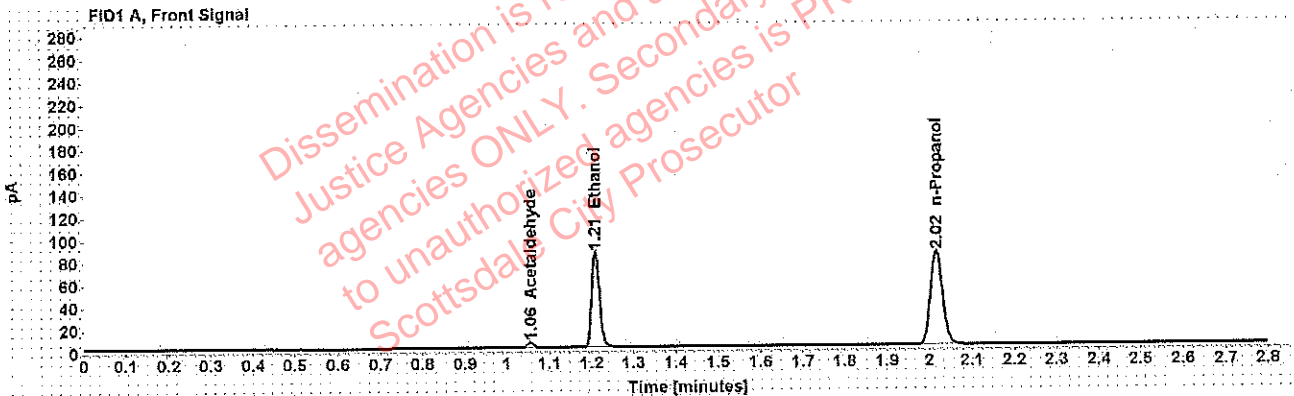


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.969
>Ethanol	0.1716	1.210	108.524
n-Propanol	-----	2.016	166.902

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.519
Ethanol	1.376	134.688
n-Propanol	2.471	204.687

Adrian, William - (18-Mar-2019)

Case: User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Item number:	1255027
Injection date:	3/14/2019 7:26:03 PM	Vial:	33
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\33.D		

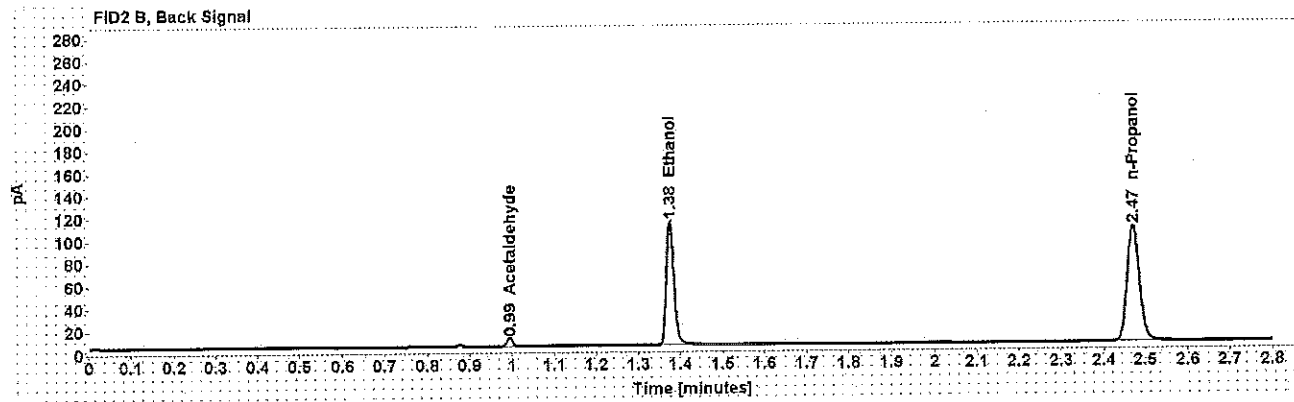
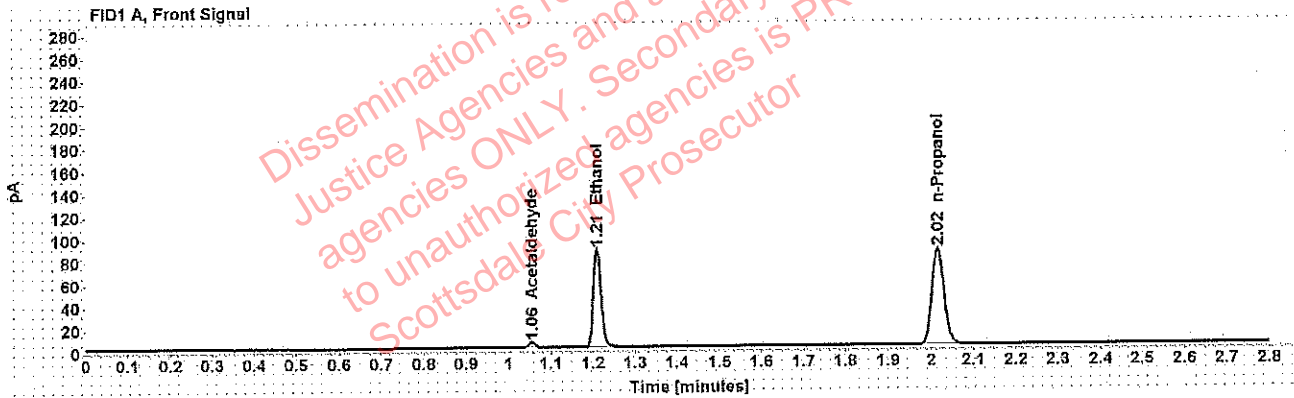


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.188
>Ethanol	0.1727	1.210	111.952
n-Propanol	-----	2.016	171.144

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.802
Ethanol	1.376	138.698
n-Propanol	2.472	210.065

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1254320
Injection date:	3/14/2019 7:30:04 PM	Vial:	34
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\34.D		

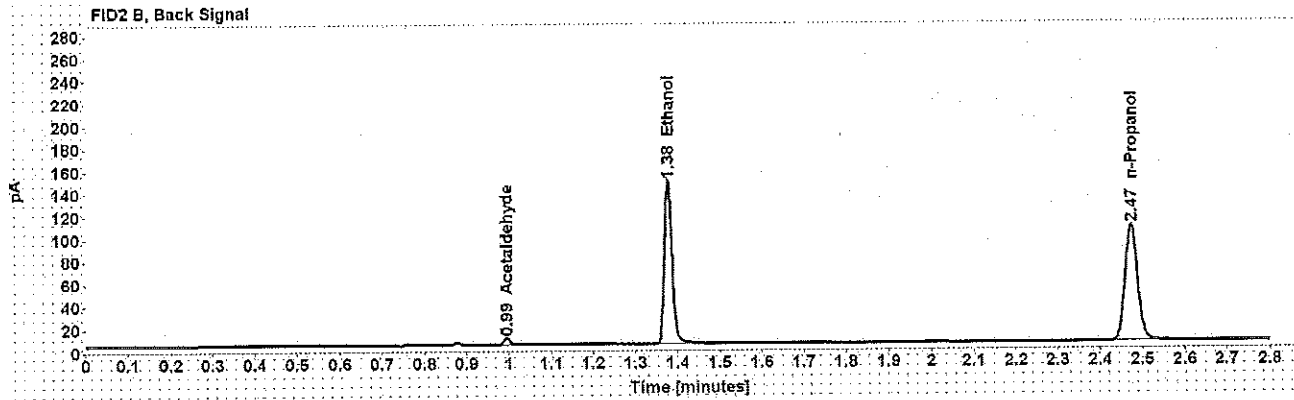
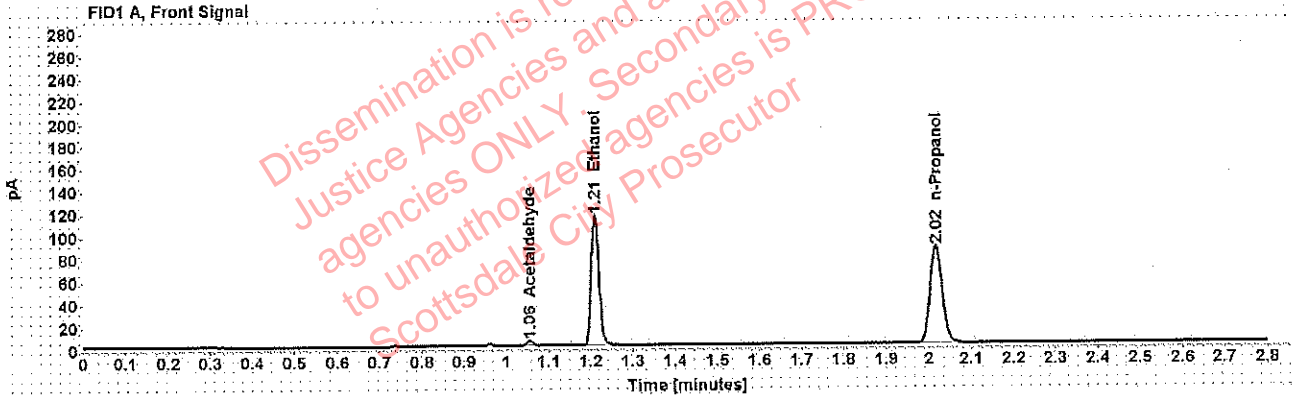


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.479
>Ethanol	0.2259	1.210	147.256
n-Propanol	-----	2.017	171.805

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	5.880
Ethanol	1.377	183.150
n-Propanol	2.473	210.656

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1254320
Injection date:	3/14/2019 7:34:04 PM	Vial:	35
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\35.D		

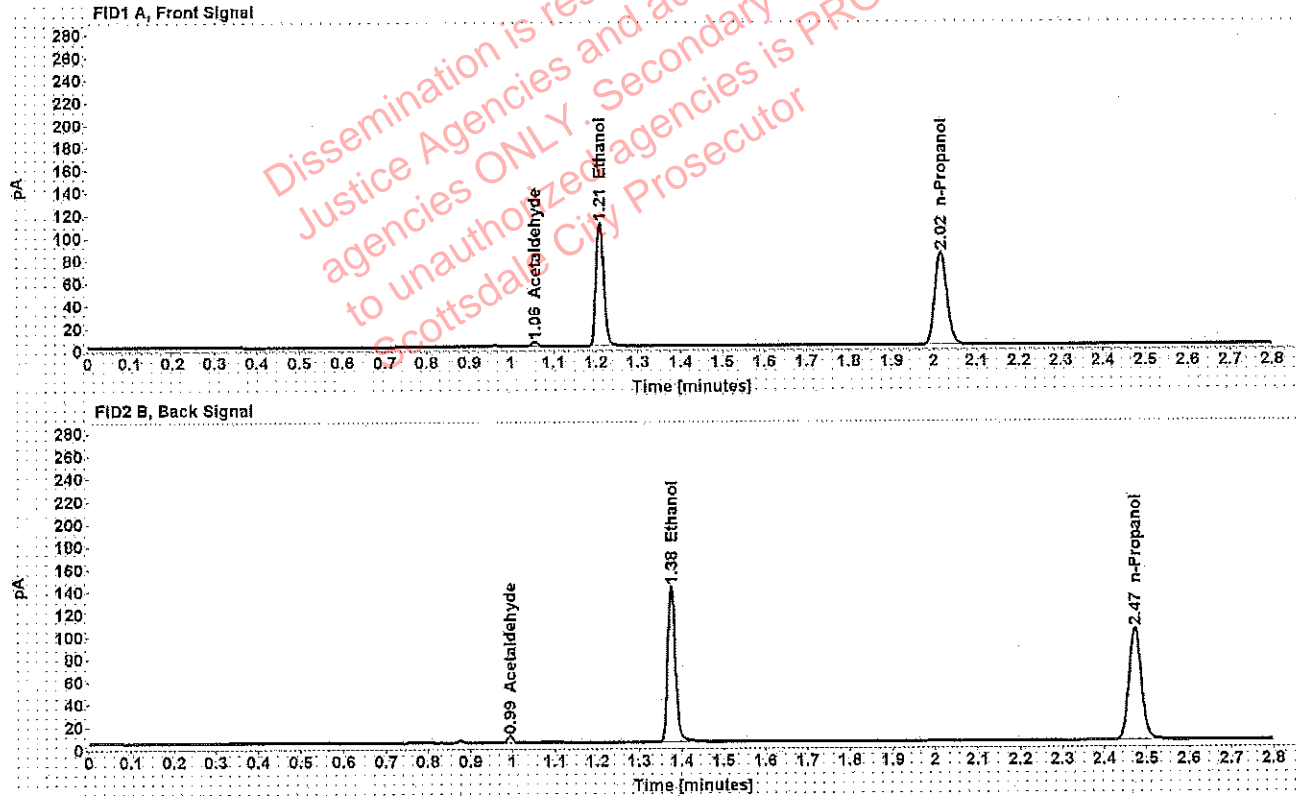


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.173
>Ethanol	0.2231	1.209	140.334
n-Propanol	-----	2.016	165.738

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.465
Ethanol	1.376	174.399
n-Propanol	2.472	203.336

Case [REDACTED] : Adrian, William - (18-Mar-2019)

User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1254432
Injection date:	3/14/2019 7:38:03 PM	Vial:	36
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\36.D		

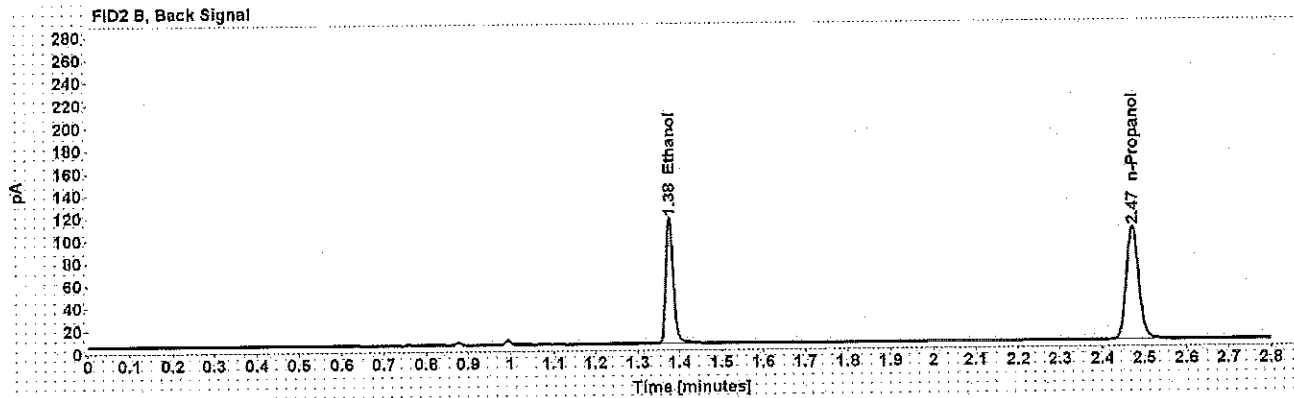
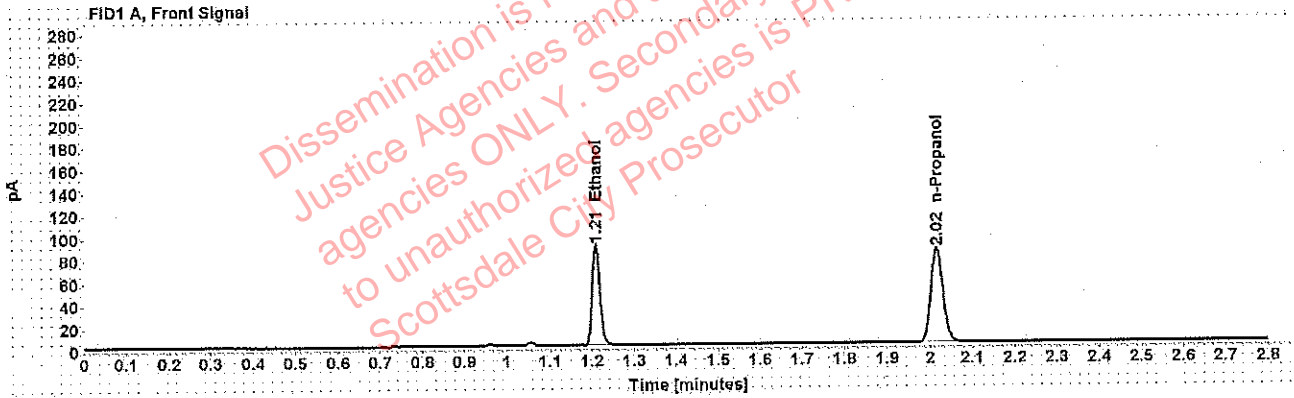


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1794	1.210	113.883
n-Propanol	-----	2.016	167.471

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

Compound	Time (min)	Peak Area
Ethanol	1.376	141.642
n-Propanol	2.471	205.298

[REDACTED]: Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1254432
Injection date:	3/14/2019 7:42:18 PM	Vial:	37
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\37.D		

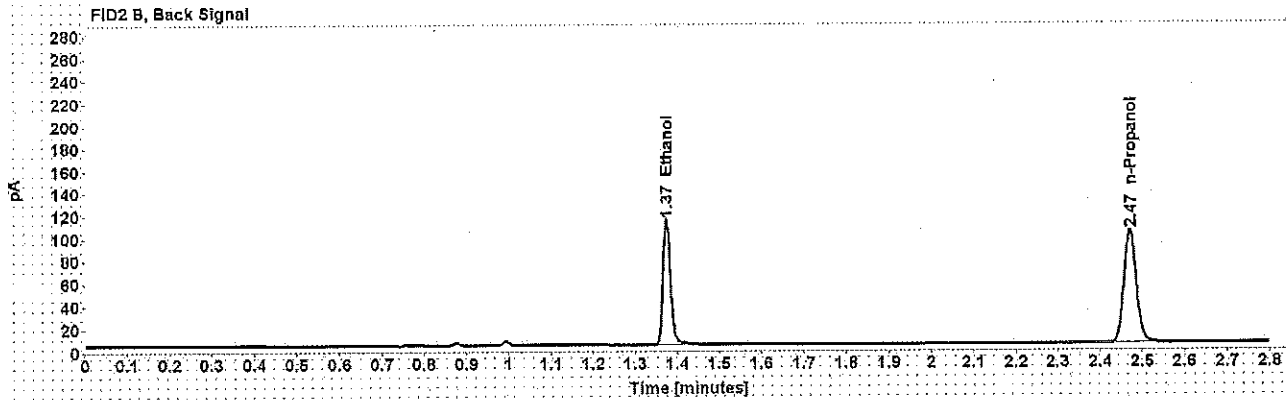
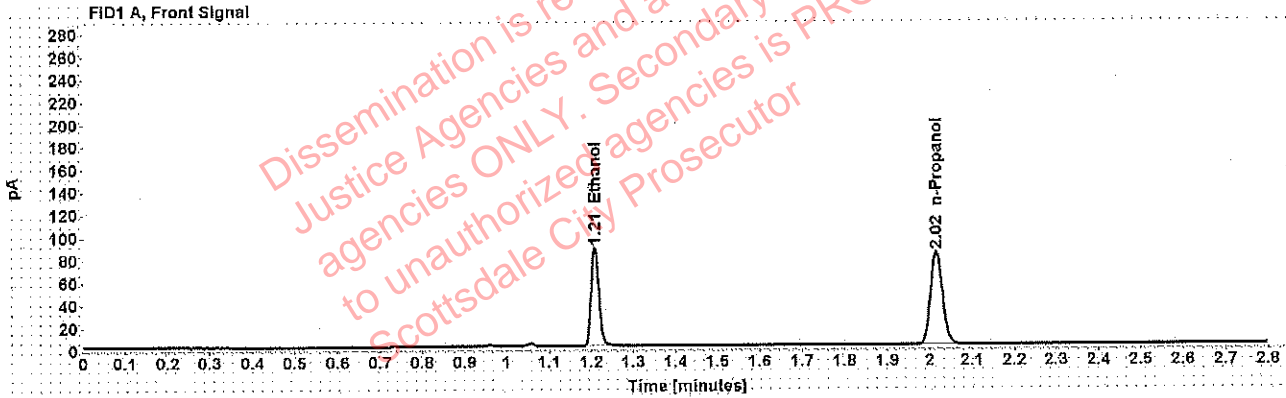


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1789	1.209	112.359
n-Propanol	-----	2.016	165.746

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

Compound	Time (min)	Peak Area
Ethanol	1.375	139.521
n-Propanol	2.470	202.912

Adrian, William - (18-Mar-2019)

Case: User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Item number:	338-01A
Injection date:	3/14/2019 7:46:20 PM	Vial:	38
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\38.D		

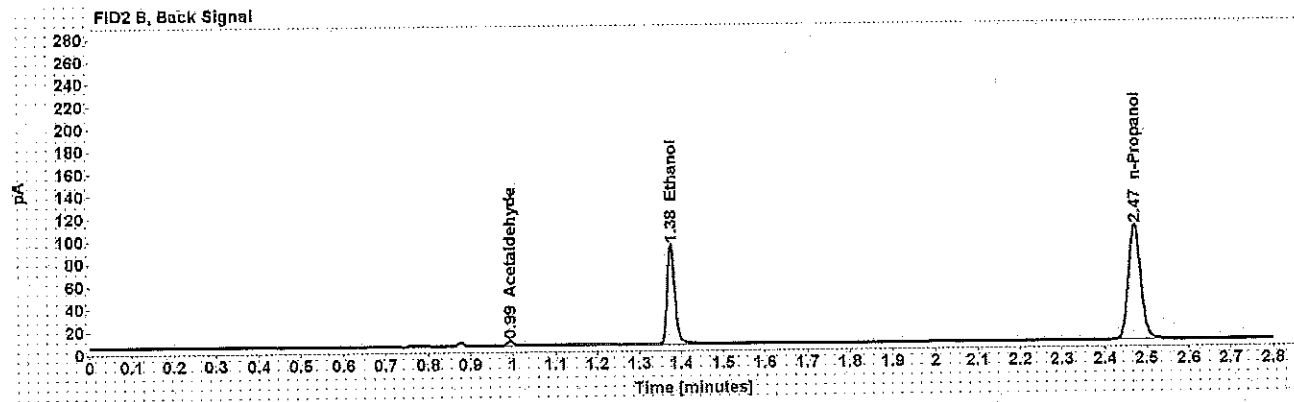
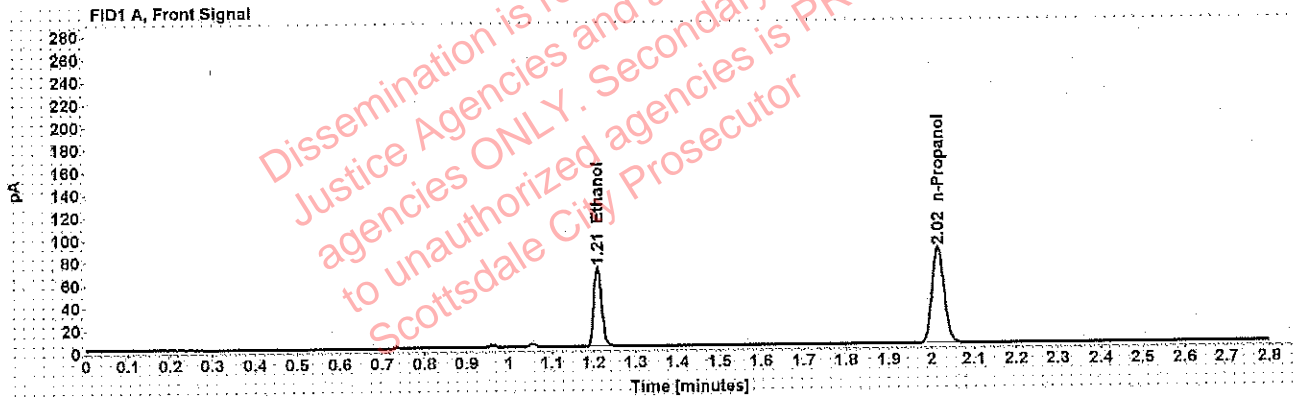


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1397	1.210	89.620
n-Propanol	-----	2.016	169.637

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.012
Ethanol	1.375	112.707
n-Propanol	2.471	208.084

: Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	338-01A
Injection date:	3/14/2019 7:50:18 PM	Vial:	39
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\39.D		

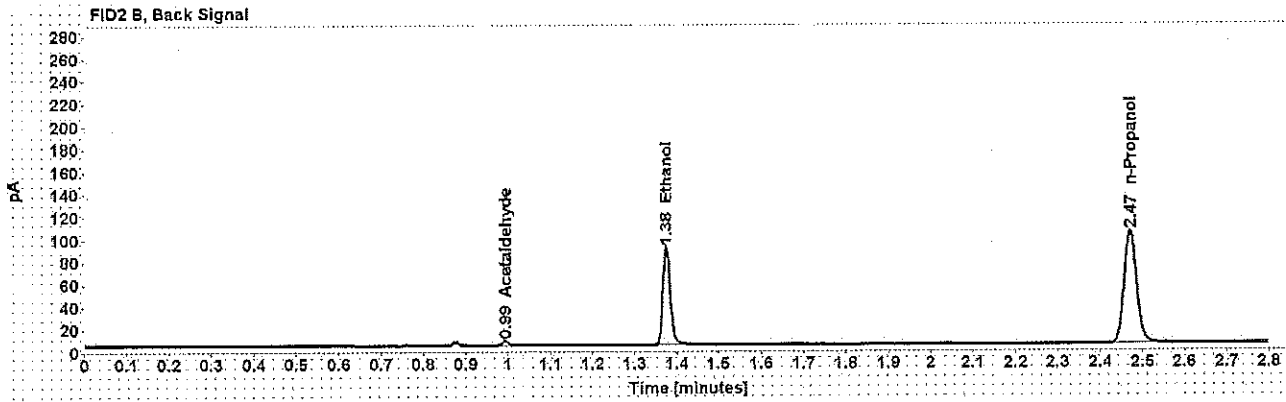
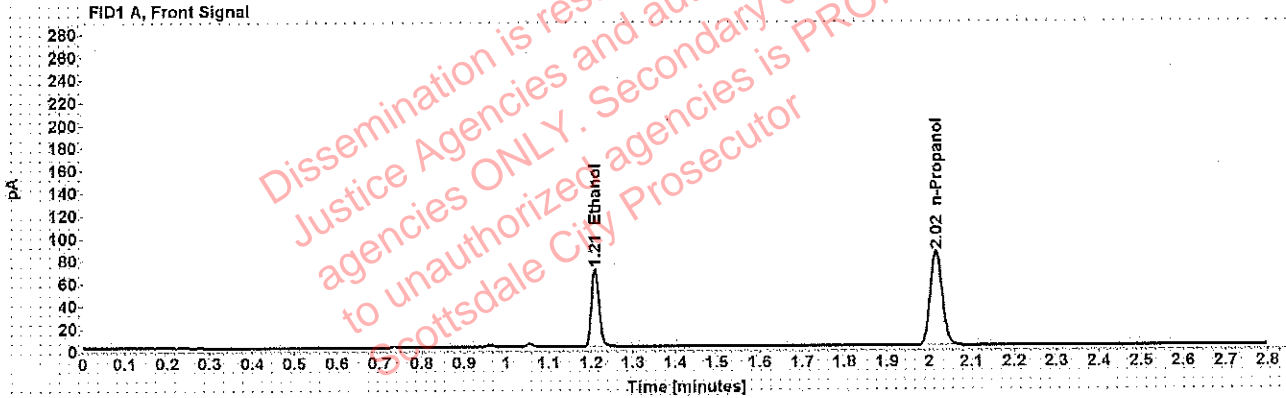


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1401	1.210	88.843
n-Propanol	-----	2.016	167.614

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.026
Ethanol	1.375	110.156
n-Propanol	2.471	205.830

: Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1254280
Injection date:	3/14/2019 7:54:18 PM	Vial:	40
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\40.D		

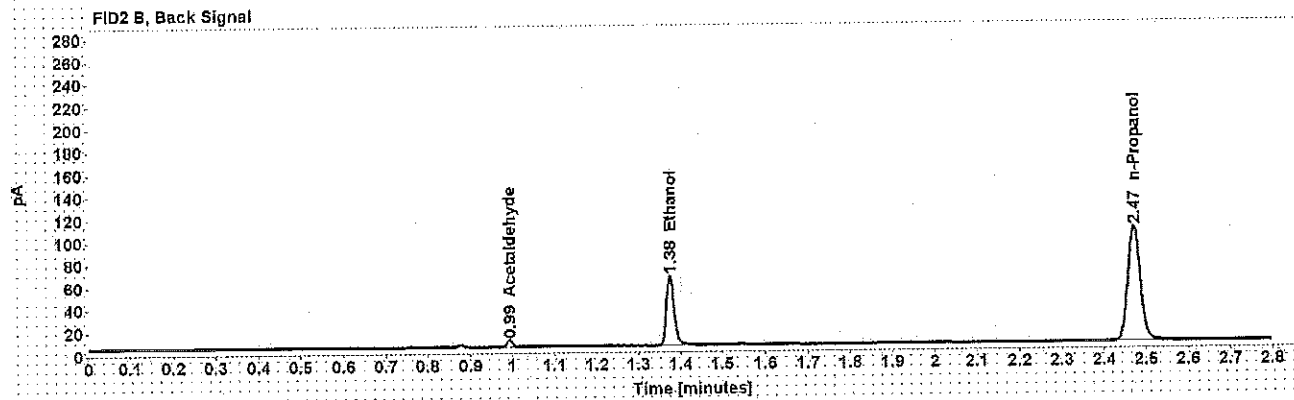
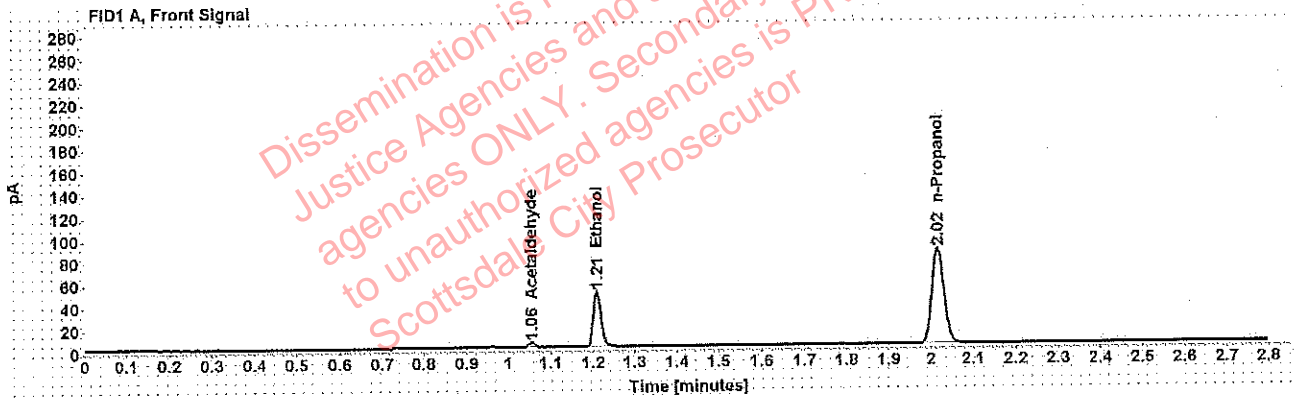


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.349
>Ethanol	0.0983	1.210	62.849
n-Propanol	-----	2.016	169.876

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.686
Ethanol	1.375	77.574
n-Propanol	2.471	207.943

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Item number:	1254280
Injection date:	3/14/2019 7:58:18 PM	Vial:	41
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\41.D		

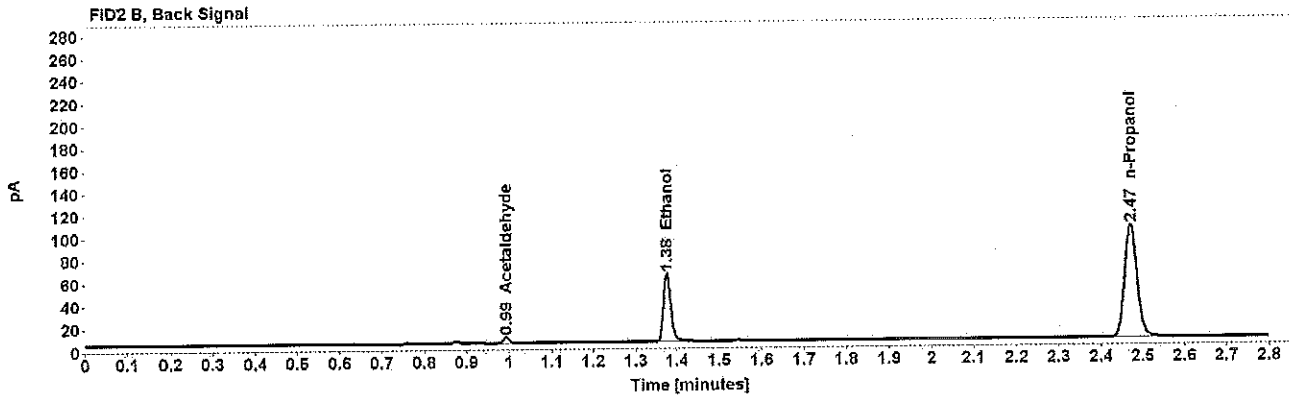
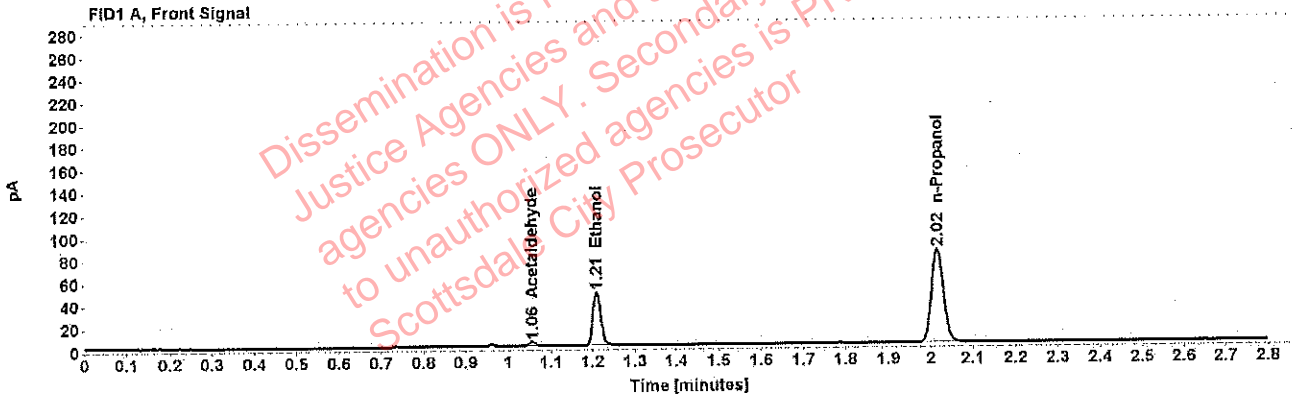


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.017
>Ethanol	0.0976	1.210	61.242
n-Propanol	-----	2.016	166.432

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.271
Ethanol	1.376	75.737
n-Propanol	2.471	204.079

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Item number:	176-01A
Injection date:	3/14/2019 8:06:35 PM	Vial:	43
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\43.D		

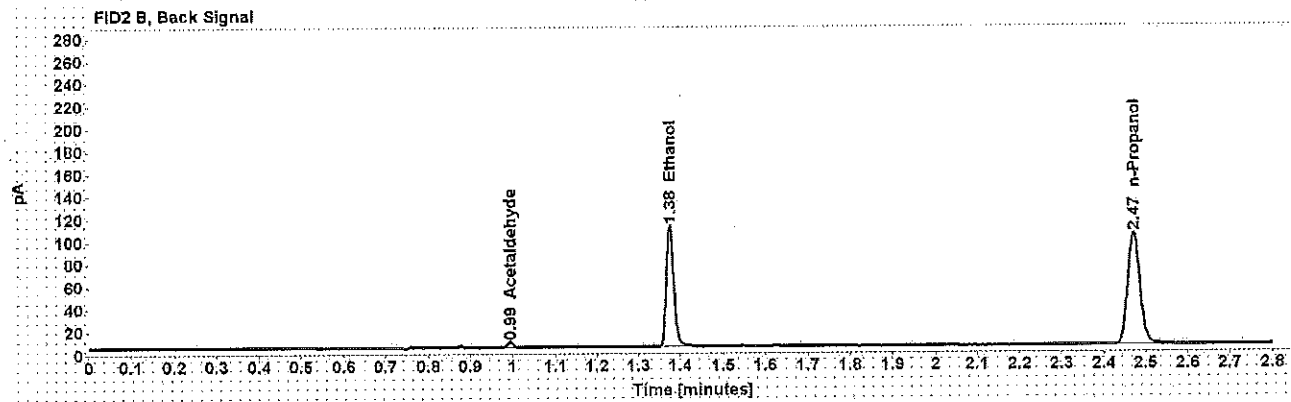
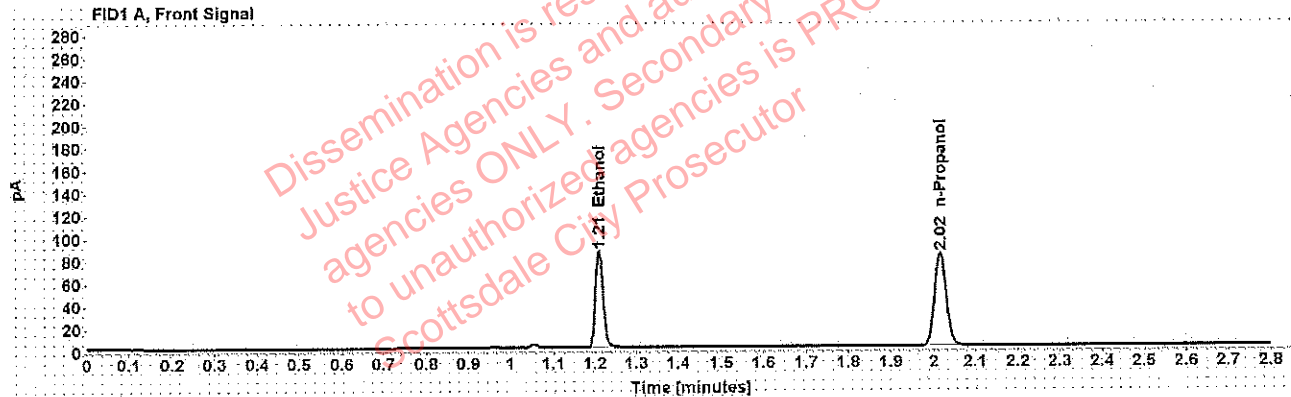


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1753	1.210	109.553
n-Propanol	-----	2.016	164.931

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.371
Ethanol	1.376	135.693
n-Propanol	2.472	202.495

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	176-01A
Injection date:	3/14/2019 8:10:34 PM	Vial:	44
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\44.D		

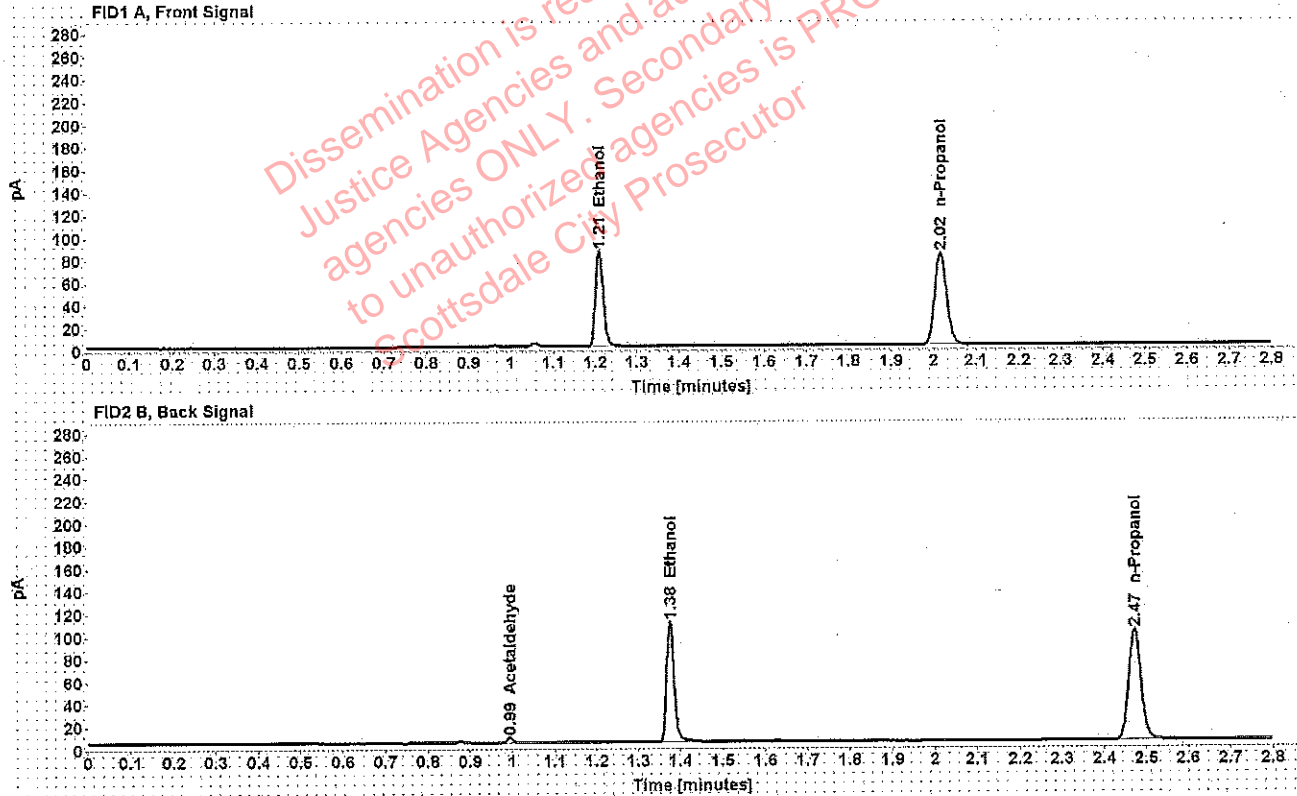


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1756	1.210	108.742
n-Propanol	-----	2.016	163.448

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.523
Ethanol	1.376	136.466
n-Propanol	2.472	200.856

Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1257638
Injection date:	3/14/2019 8:18:34 PM	Vial:	46
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\46.D		

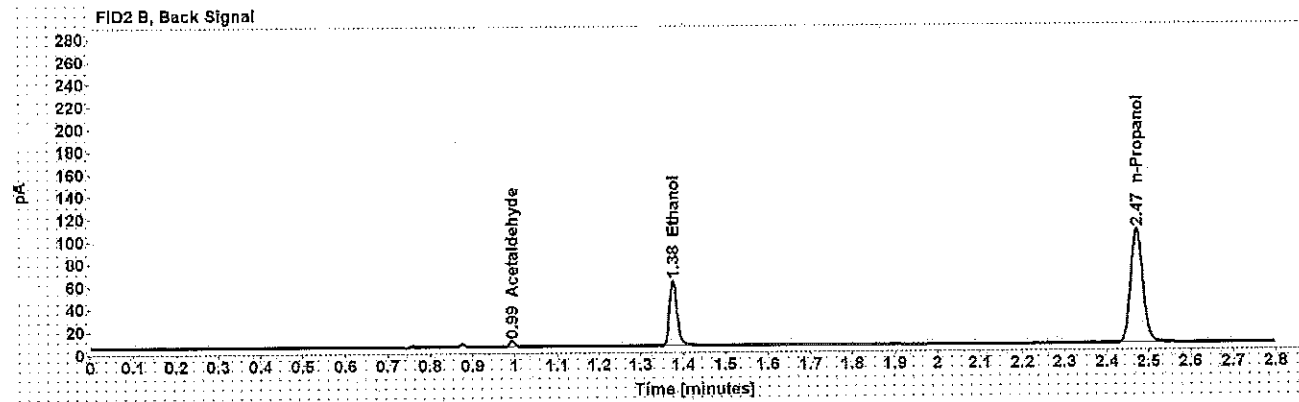
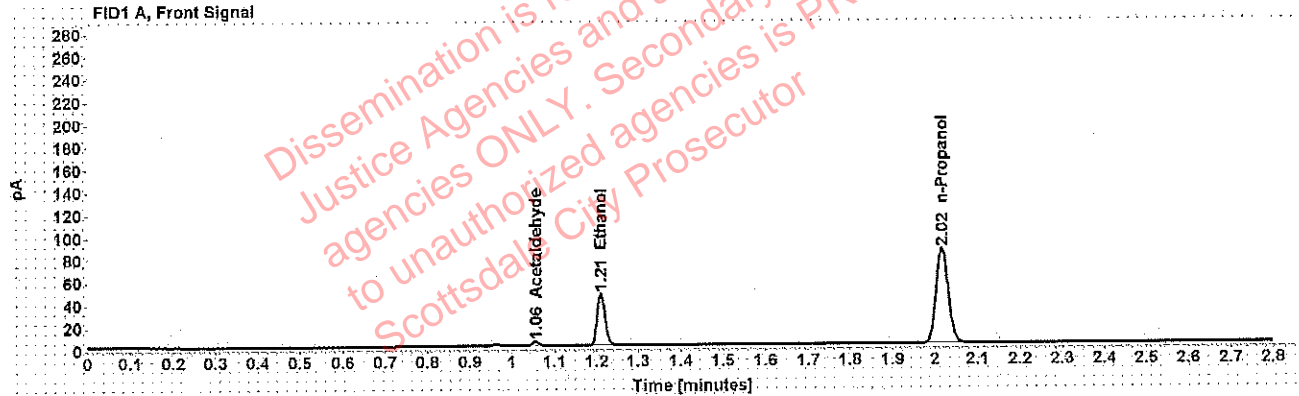


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.874
>Ethanol	0.0932	1.210	59,262
n-Propanol	-----	2.016	168,772

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5,089
Ethanol	1.376	72,876
n-Propanol	2.472	207,154

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [redacted]	Item number: 1257638
Injection date: 3/14/2019 8:14:33 PM	Vial: 45
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\45.D	

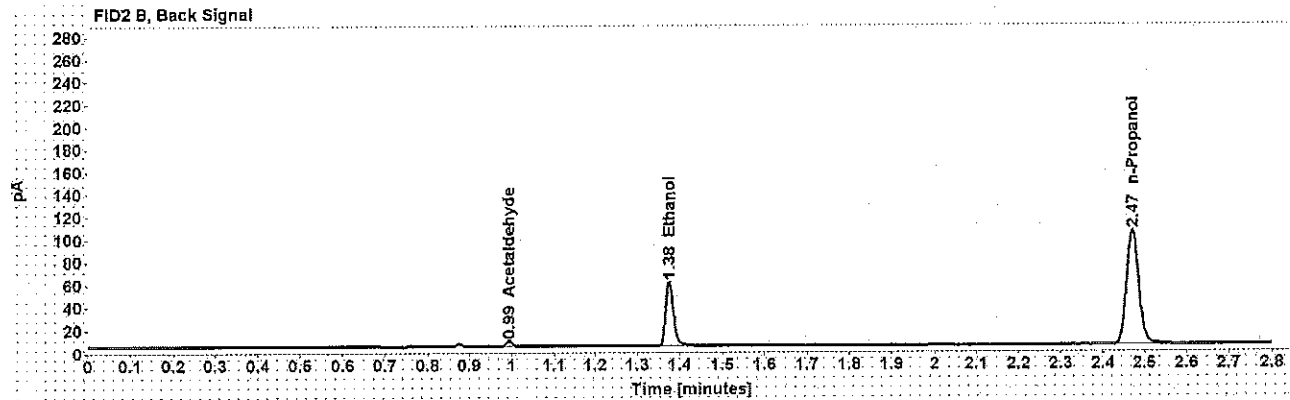
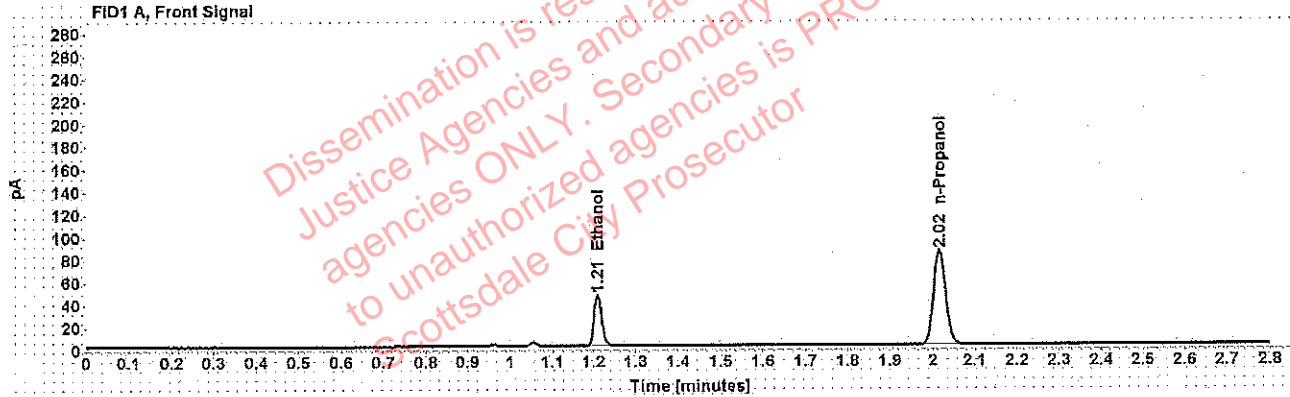


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0922	1.210	58.397
n-Propanol	-----	2.016	168.200

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.595
Ethanol	1.376	71.779
n-Propanol	2.471	206.303

: Adrian, William - (18-Mar-2019)

Case [redacted] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Item number:	1256724
Injection date:	3/14/2019 8:22:33 PM	Vial:	47
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\47.D		

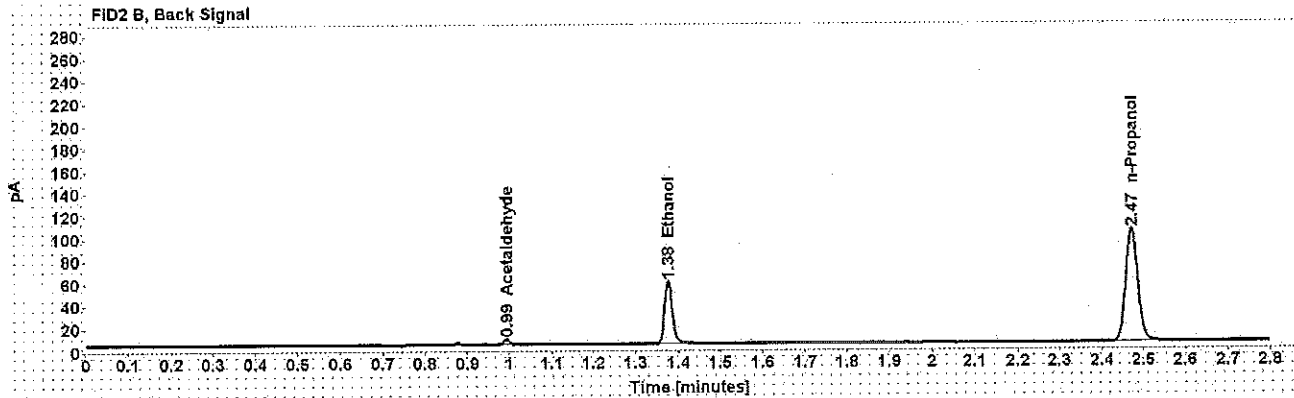
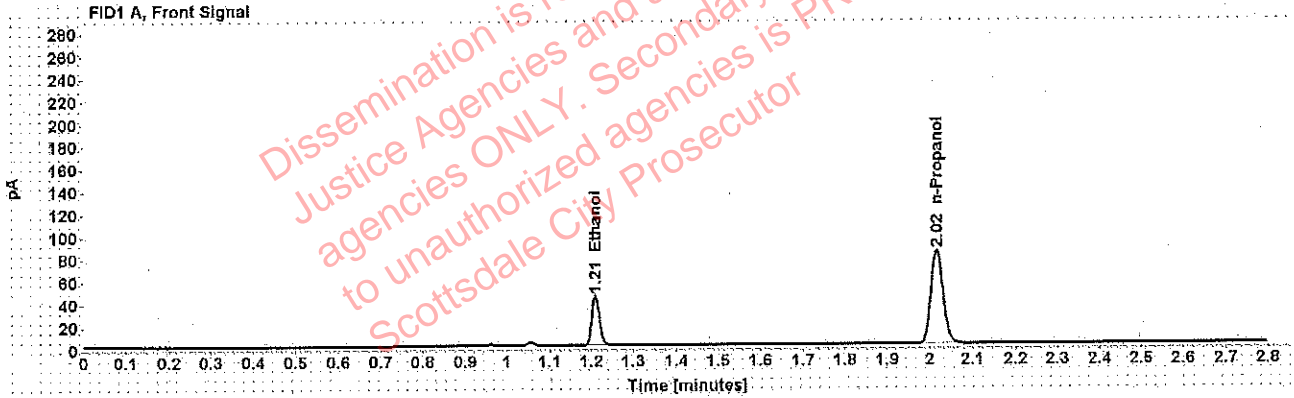


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0903	1.210	56.538
n-Propanol	-----	2.016	166.279

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.508
Ethanol	1.376	70.044
n-Propanol	2.471	204.305

Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1256724
Injection date:	3/14/2019 8:26:34 PM	Vial:	48
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\48.D		

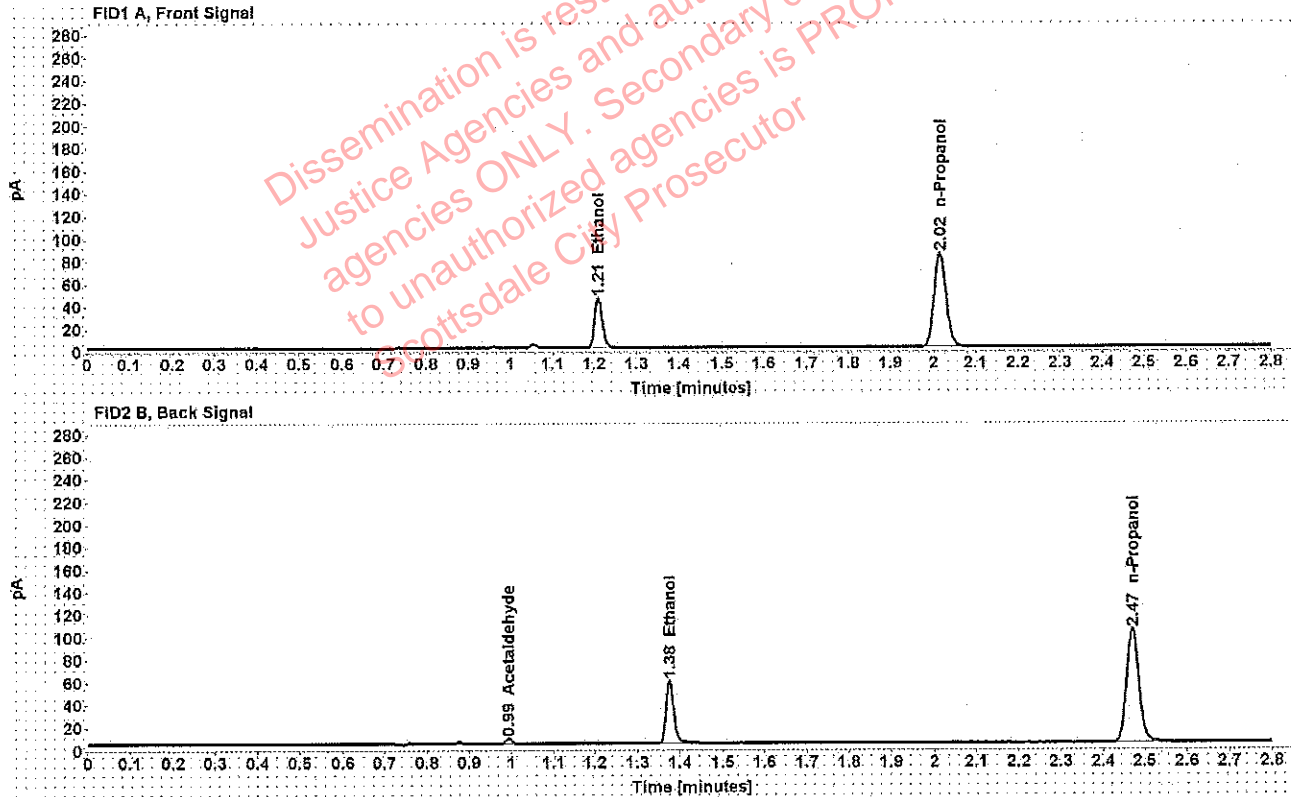


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0902	1.210	56.850
n-Propanol	-----	2.016	167.366

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.308
Ethanol	1.376	70.181
n-Propanol	2.471	205.375

Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1258615
Injection date:	3/14/2019 8:30:48 PM	Vial:	49
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\14Mar19\49.D		

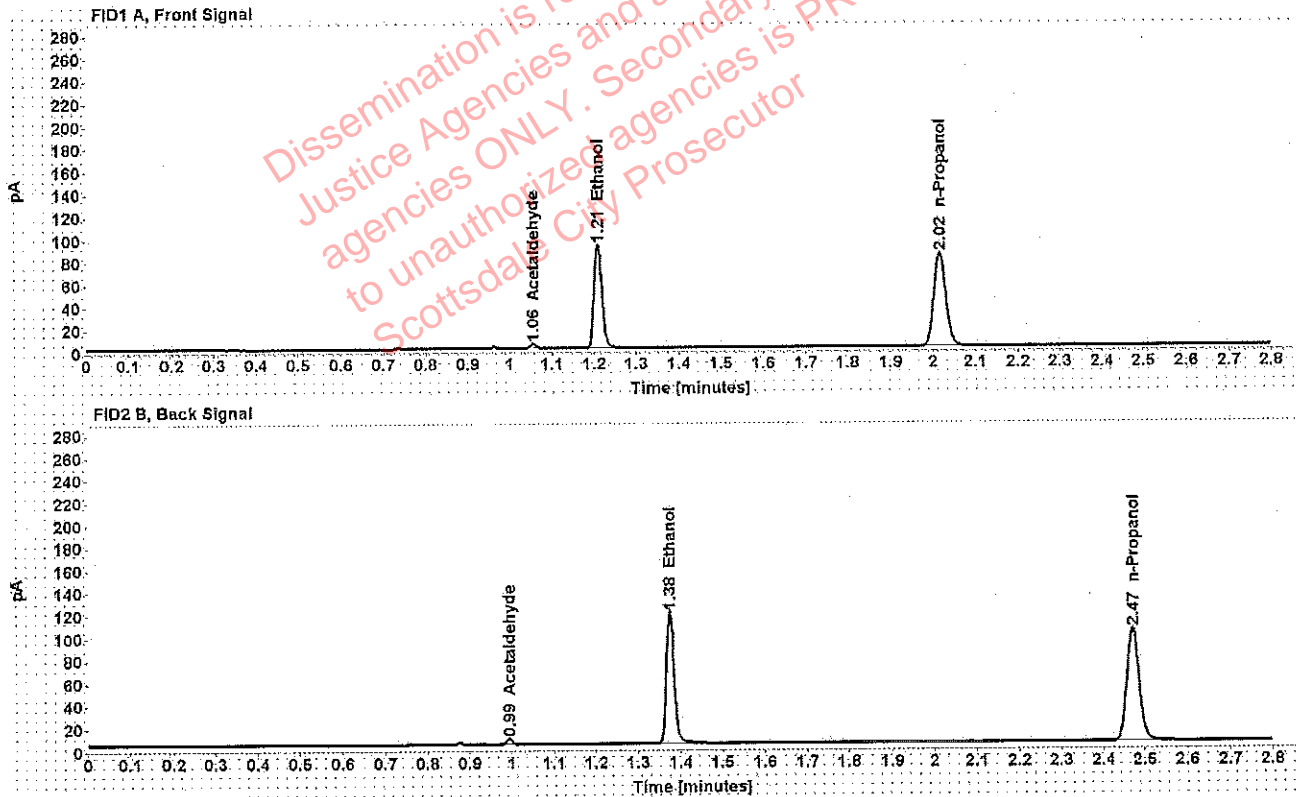


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.967
>Ethanol	0.1873	1.209	118.194
n-Propanol	-----	2.016	166.437

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.207
Ethanol	1.375	147.272
n-Propanol	2.471	204.329

██████████: Adrian, William - (18-Mar-2019)

Case: ██████████ User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	██████████	Item number:	1258615
Injection date:	3/14/2019 8:34:51 PM	Vial:	50
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\50.D		

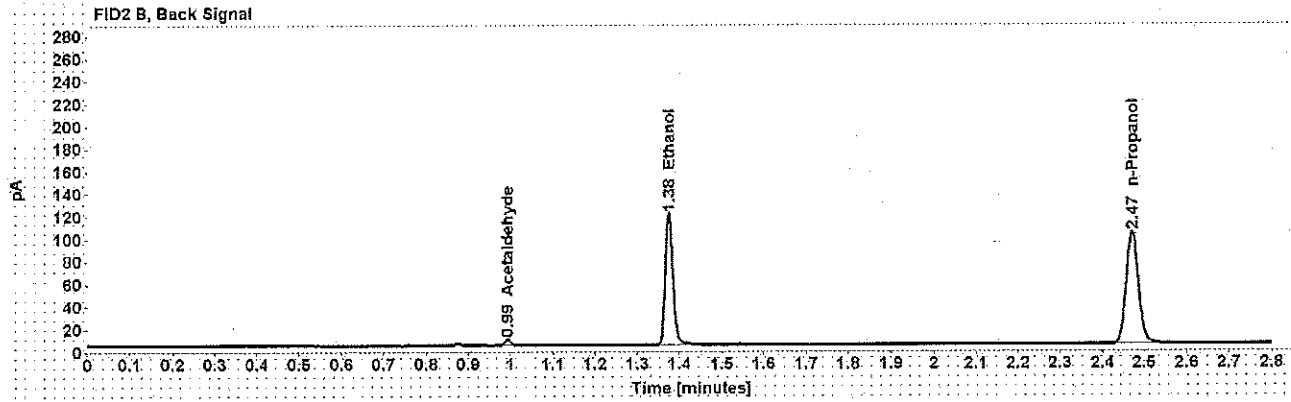
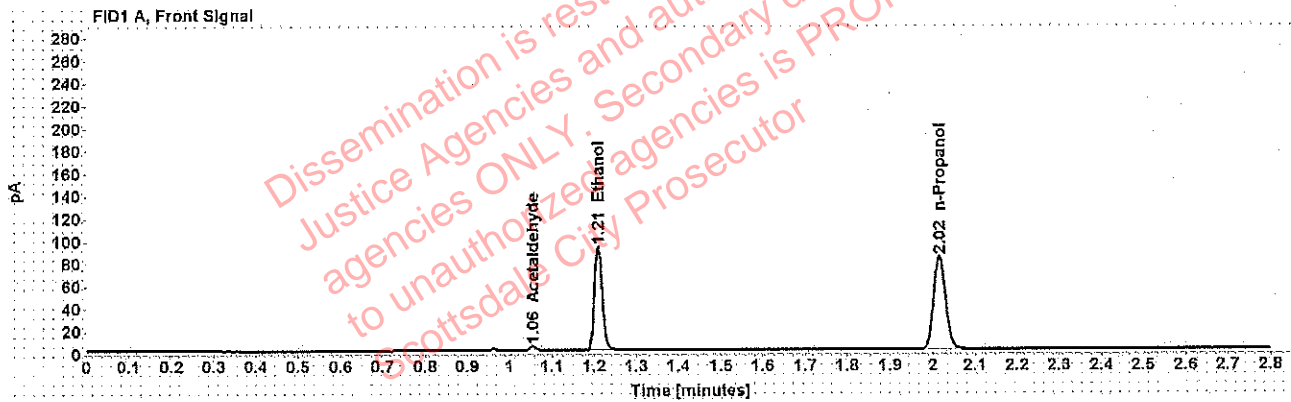


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.000
>Ethanol	0.1885	1.209	118.185
n-Propanol	-----	2.016	165.415

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.275
Ethanol	1.375	147.269
n-Propanol	2.471	203.246

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1258441
Injection date:	3/14/2019 8:38:49 PM	Vial:	51
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\51.D		

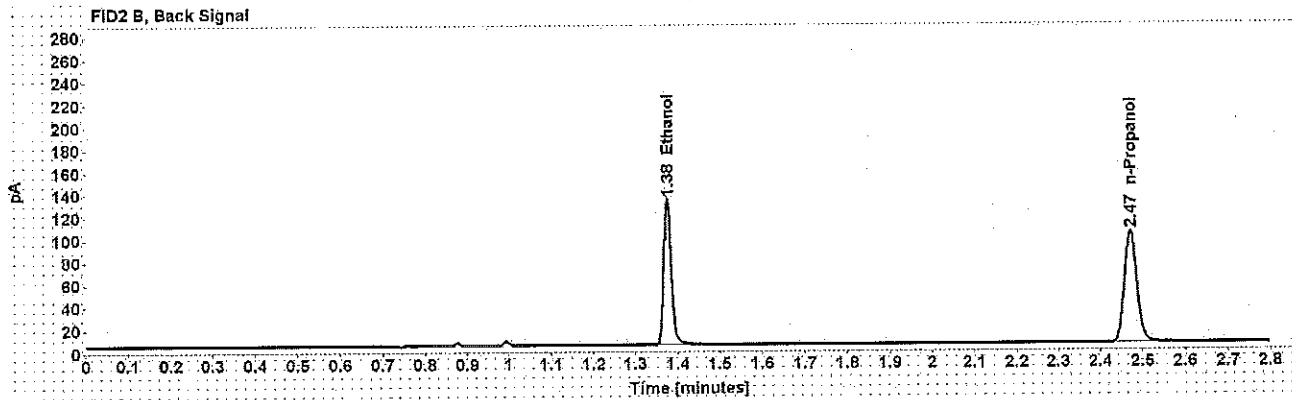
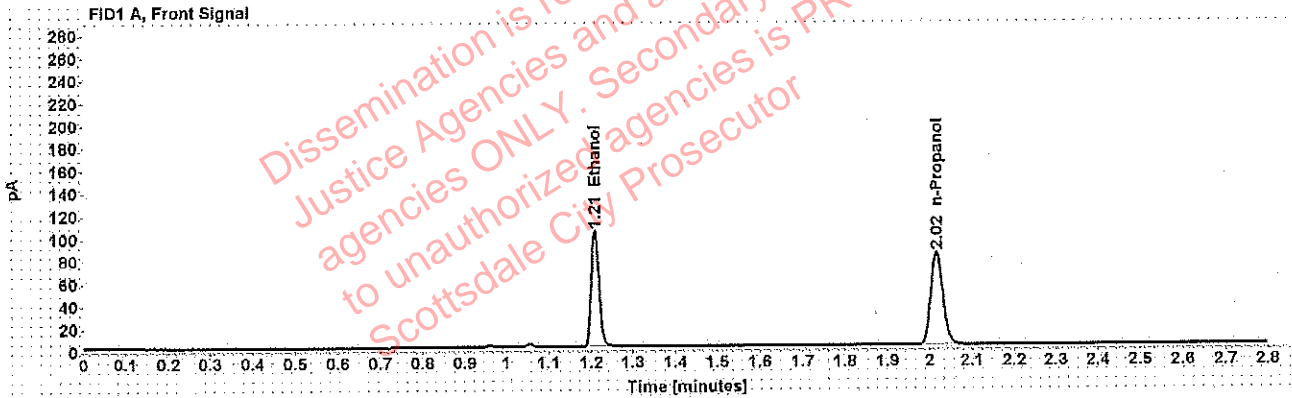


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2106	1.209	131.958
n-Propanol	-----	2.016	165.146

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

Compound	Time (min)	Peak Area
Ethanol	1.376	164.010
n-Propanol	2.472	202.637

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1258441
Injection date:	3/14/2019 8:42:51 PM	Vial:	52
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\52.D		

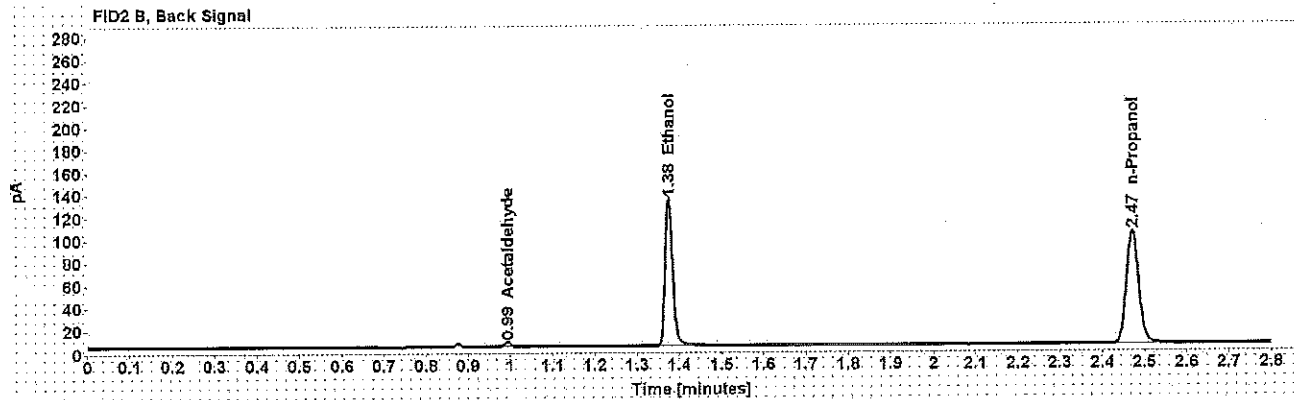
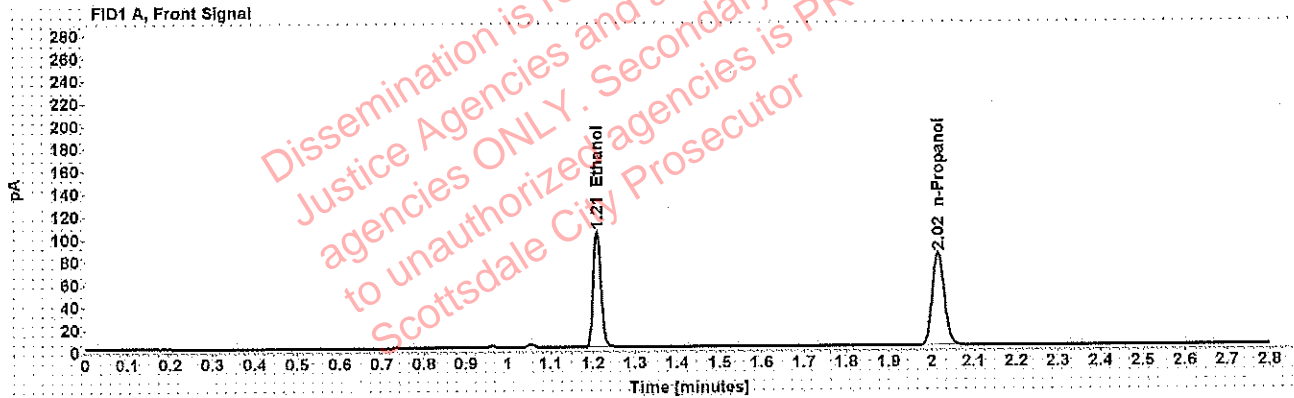


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2103	1.209	132.181
n-Propanol	-----	2.016	165.728

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.064
Ethanol	1.375	164.462
n-Propanol	2.471	203.280

: Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1256447
Injection date:	3/14/2019 8:50:49 PM	Vial:	54
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\54.D		

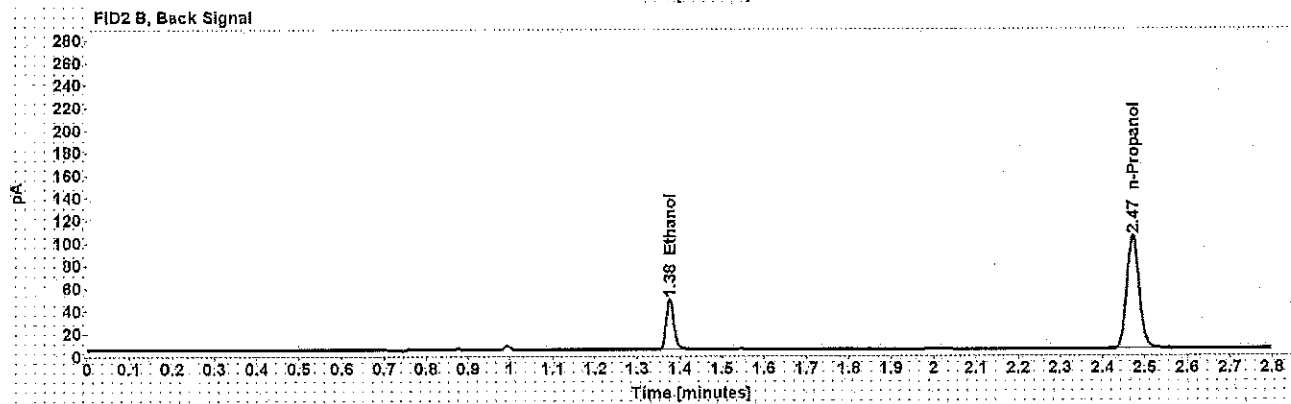
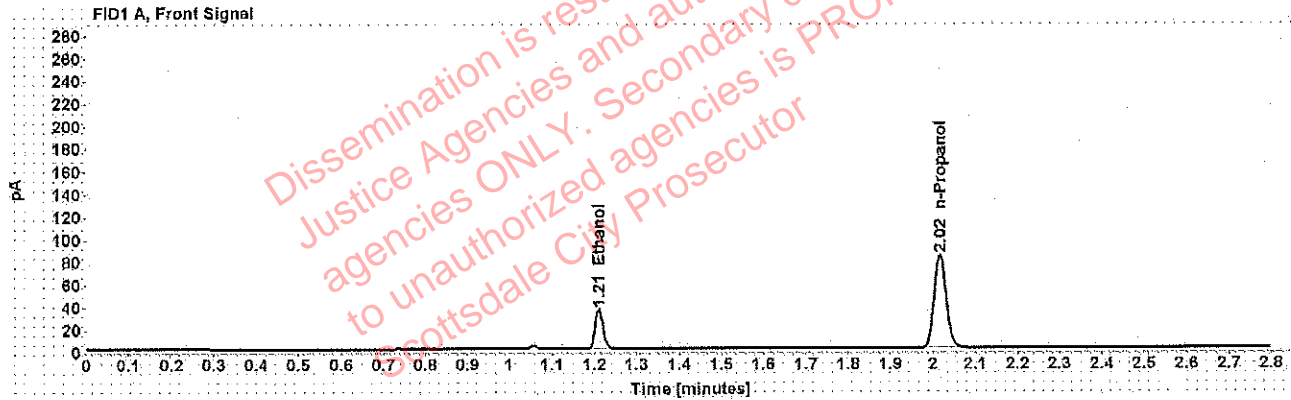


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0732	1.210	45.677
n-Propanol	-----	2.016	166.186

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

Compound	Time (min)	Peak Area
Ethanol	1.376	56.256
n-Propanol	2.471	204.087

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1256447
Injection date:	3/14/2019 8:55:05 PM	Vial:	55
Method:	ethanol.quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\55.D		

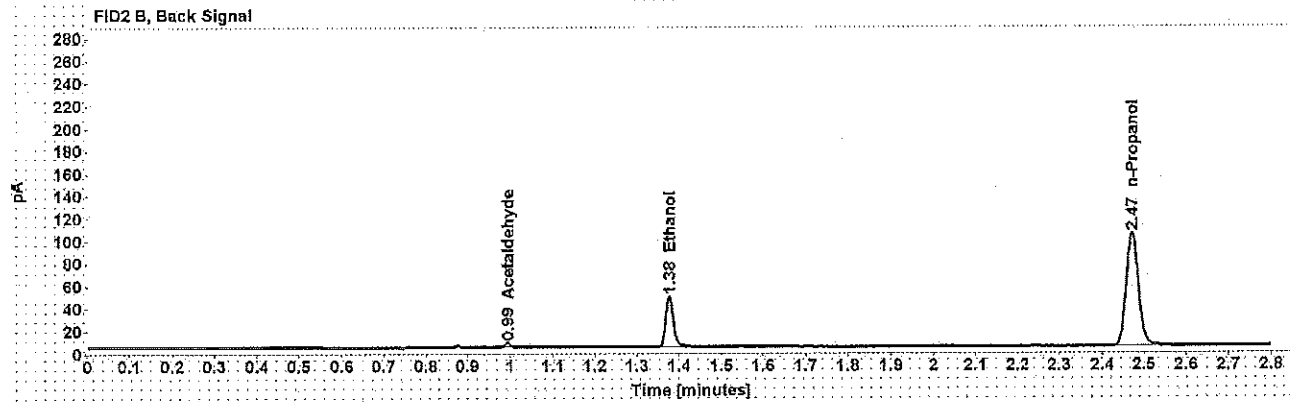
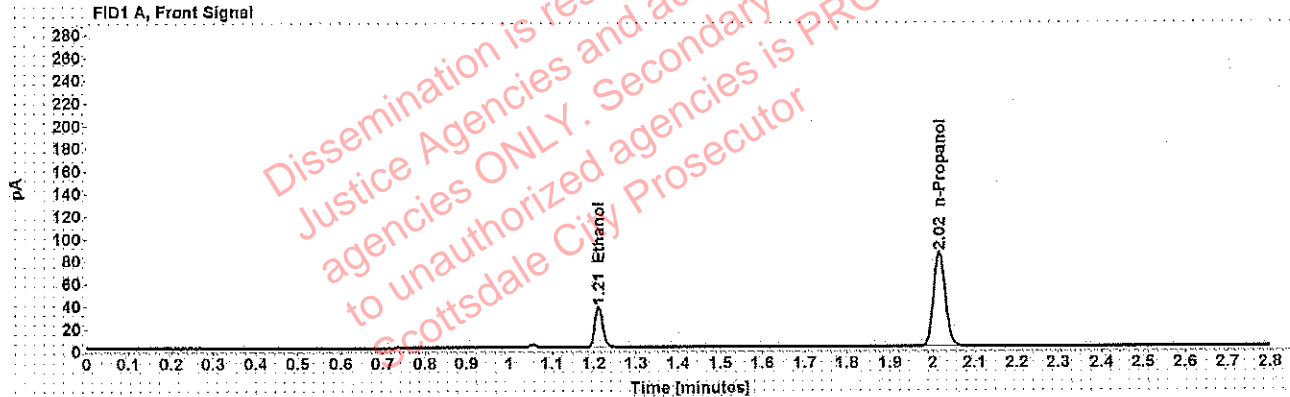


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0735	1.211	46.194
n-Propanol	-----	2.016	167.523

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.783
Ethanol	1.376	56.799
n-Propanol	2.472	205.738

Adrian, William - (13-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1255350
Injection date:	3/14/2019 8:59:03 PM	Vial:	56
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\56.D		

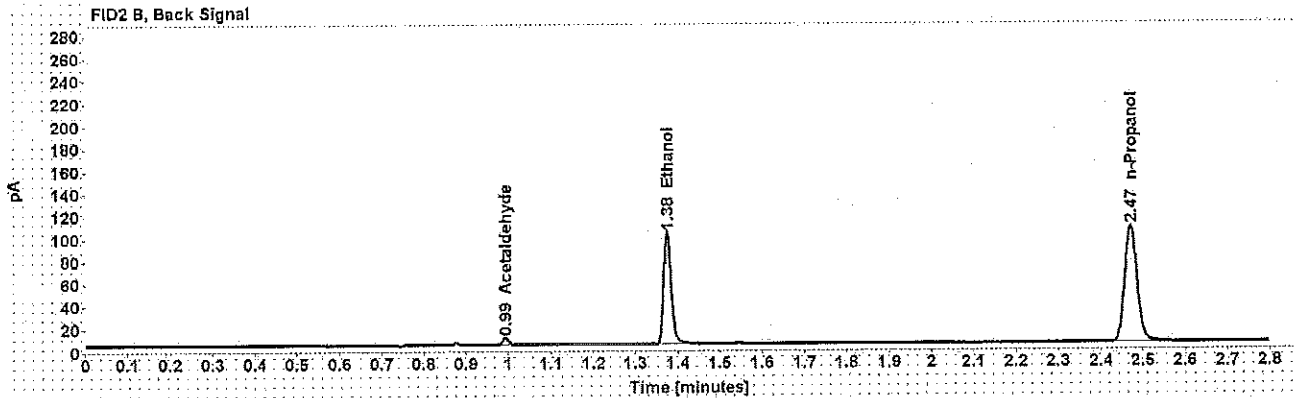
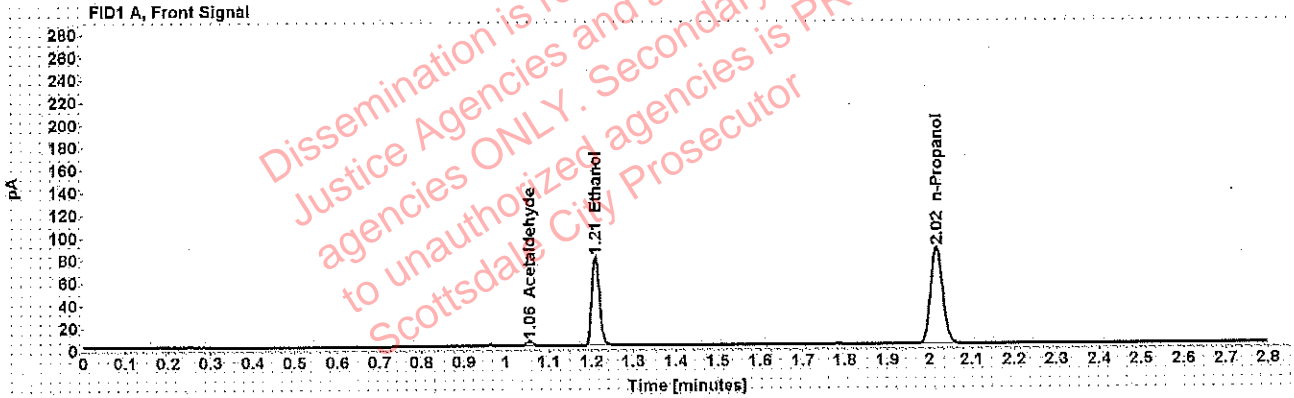


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.641
>Ethanol	0.1552	1.210	101.241
n-Propanol	-----	2.016	172.333

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.102
Ethanol	1.376	125.712
n-Propanol	2.471	211.677

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1255350
Injection date: 3/14/2019 9:03:03 PM	Vial: 57
Method: ethanol quant.M	Sequence: 14Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\14Mar19\57.D	

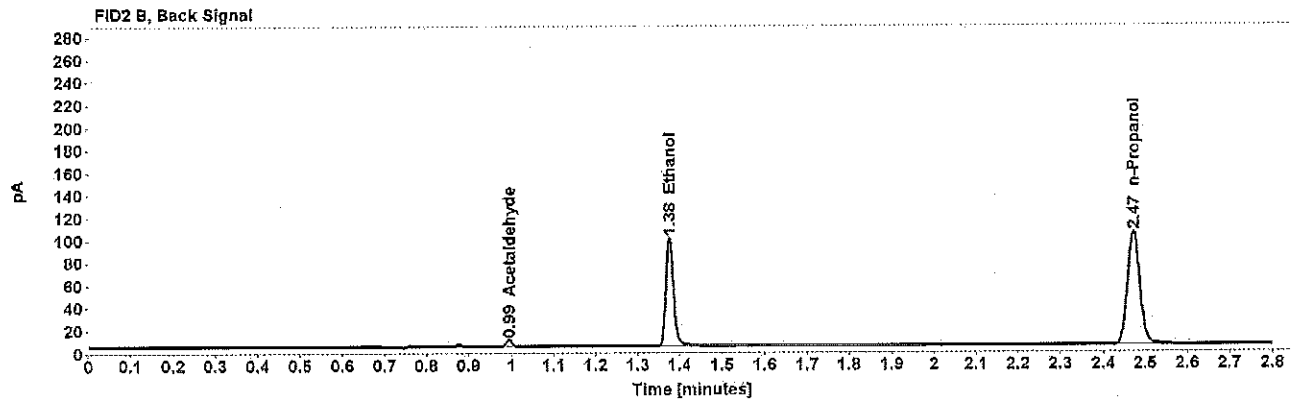
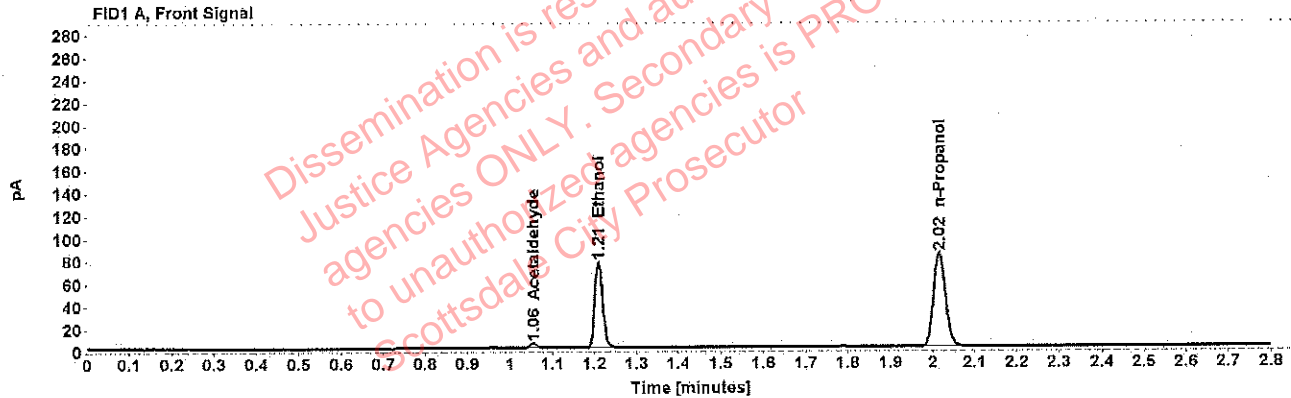


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.489
>Ethanol	0.1550	1.210	97.914
n-Propanol	-----	2.016	166.900

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.877
Ethanol	1.376	121.485
n-Propanol	2.471	204.927

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1254647
Injection date:	3/14/2019 9:07:05 PM	Vial:	58
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\58.D		

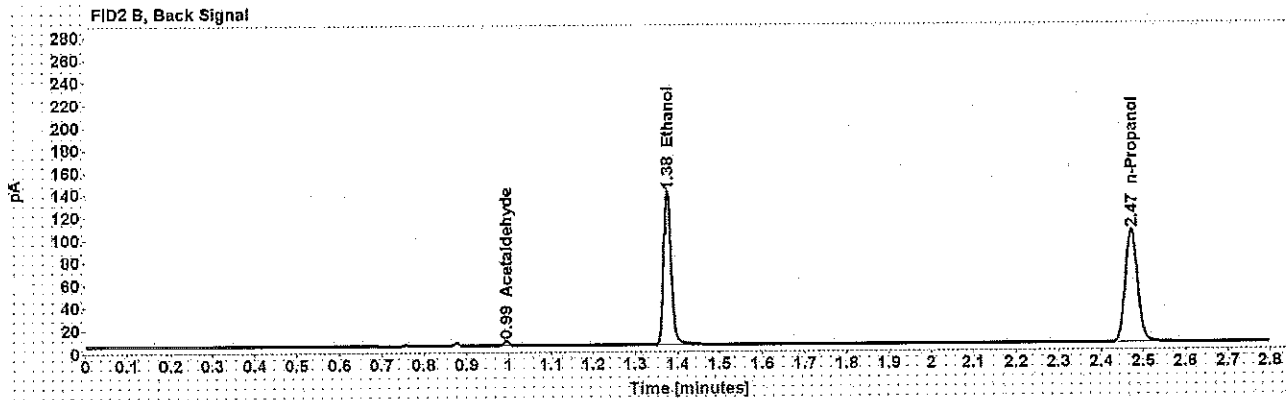
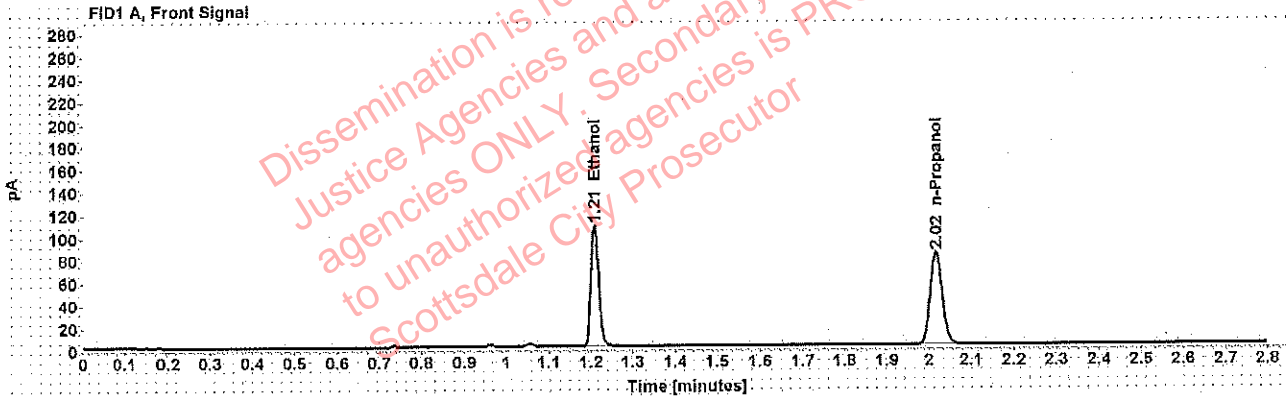


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2200	1.209	136.105
n-Propanol	-----	2.016	165.472

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.111
Ethanol	1.376	171.932
n-Propanol	2.472	203.294

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1254847
Injection date:	3/14/2019 9:11:04 PM	Vial:	59
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\59.D		

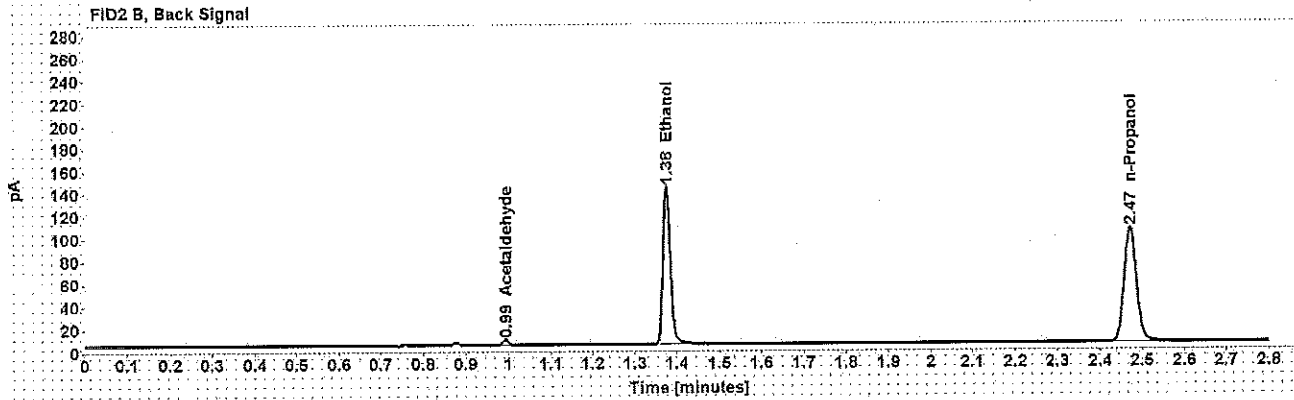
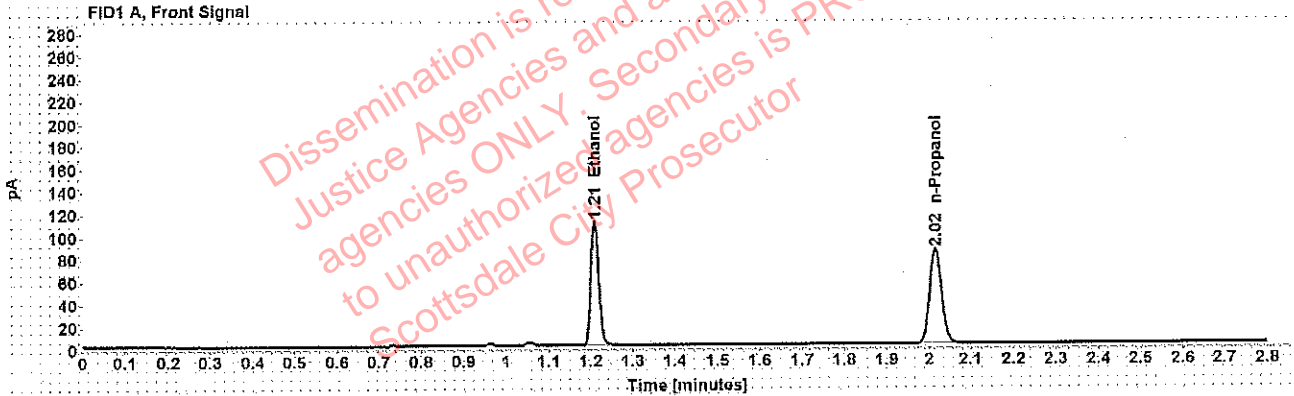


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2213	1.209	141.716
n-Propanol	-----	2.016	168.760

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.542
Ethanol	1.375	176.609
n-Propanol	2.471	207.429

Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1255043
Injection date:	3/14/2019 9:15:04 PM	Vial:	60
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\60.D		

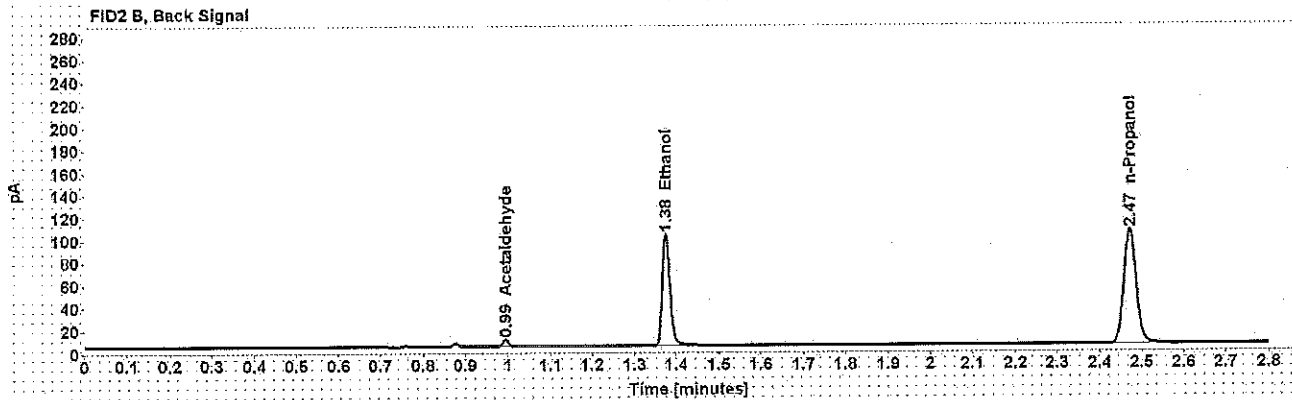
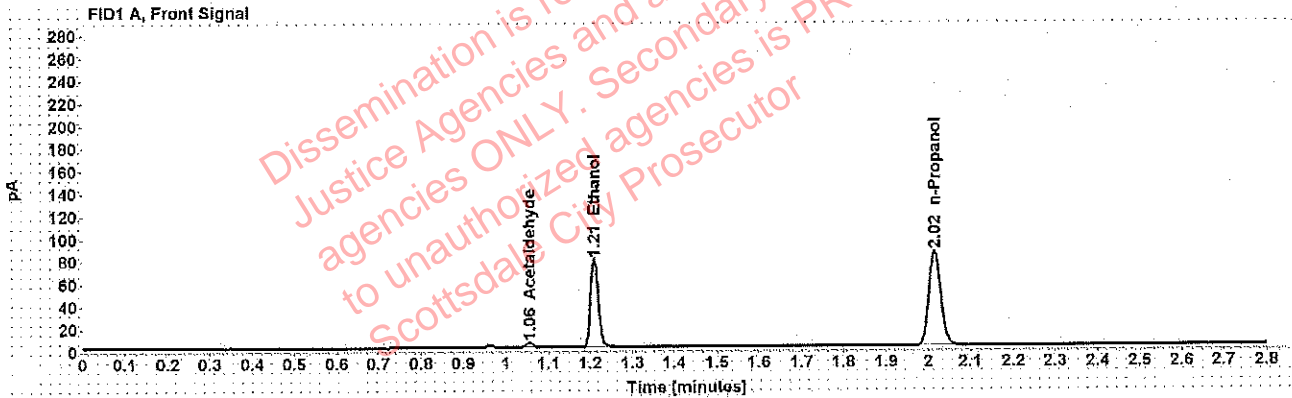


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.482
>Ethanol	0.1572	1.210	100.279
n-Propanol	-----	2.016	168.494

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.862
Ethanol	1.376	124.931
n-Propanol	2.472	207.255

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1255043
Injection date:	3/14/2019 9:19:19 PM	Vial:	61
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\61.D		

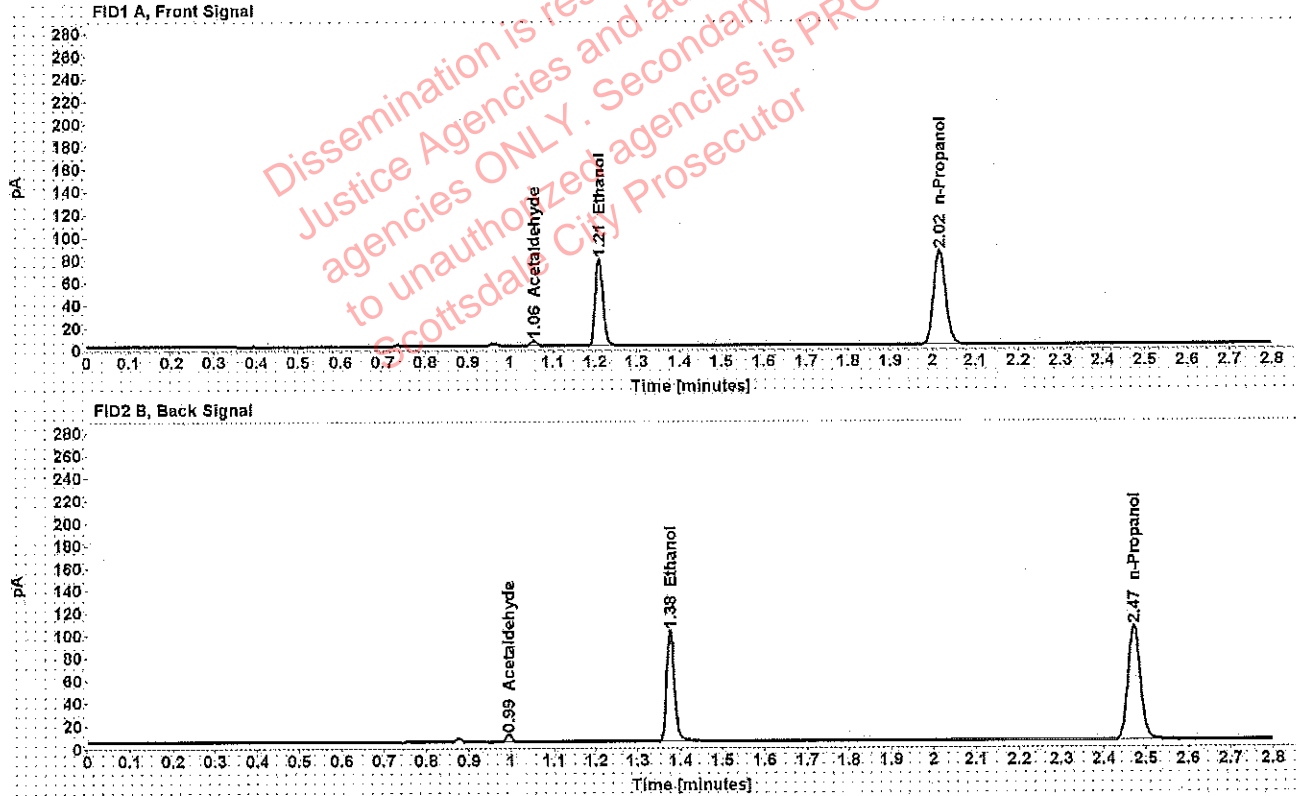


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.723
>Ethanol	0.1569	1.210	99.560
n-Propanol	-----	2.016	167.564

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.206
Ethanol	1.376	123.497
n-Propanol	2.472	206.272

Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1256226
Injection date:	3/14/2019 9:23:20 PM	Vial:	62
Method:	ethanol.quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\62.D		

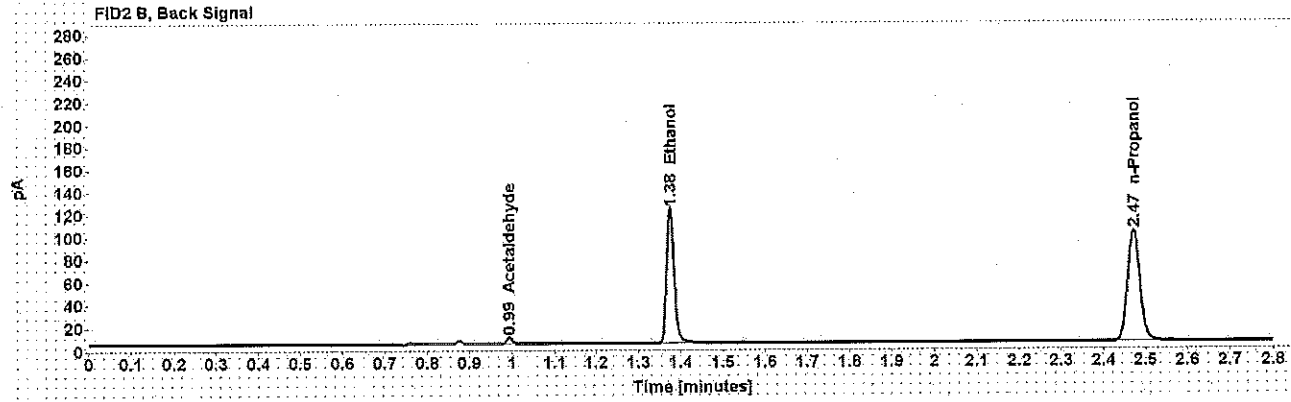
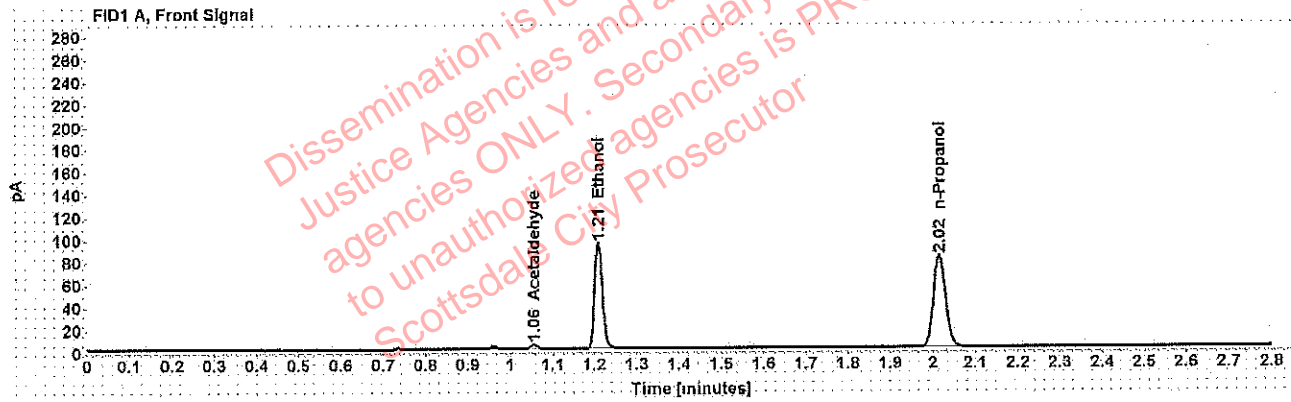


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.105
>Ethanol	0.1948	1.209	120.728
n-Propanol	-----	2.016	163.457

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.392
Ethanol	1.375	150.525
n-Propanol	2.471	201.015

Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1256226
Injection date:	3/14/2019 9:27:20 PM	Vial:	63
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\63.D		

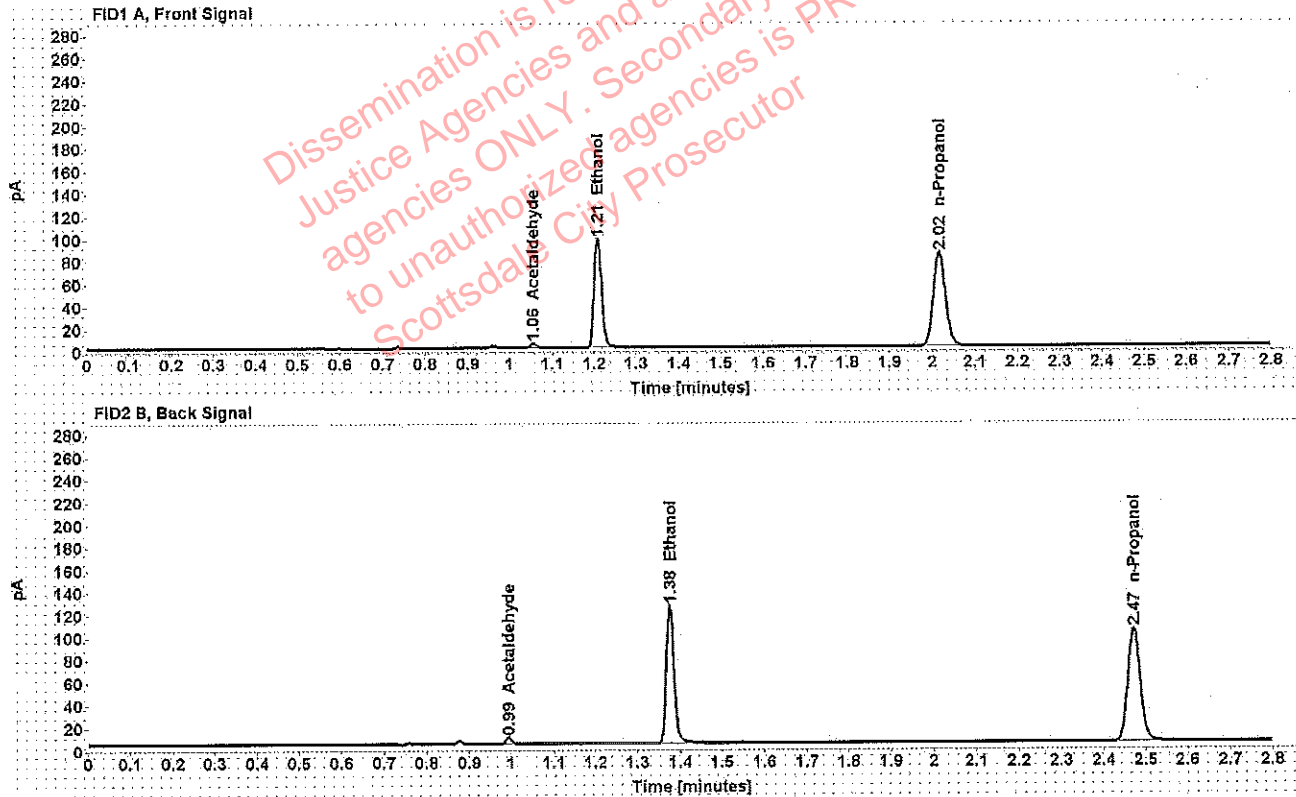


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.097
>Ethanol	0.1957	1.209	123.785
n-Propanol	-----	2.016	166.820

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.393
Ethanol	1.376	154.440
n-Propanol	2.471	205.204

Case: [REDACTED] : Adrian, William - (18-Mar-2019)

User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1255755
Injection date:	3/14/2019 9:35:18 PM	Vial:	65
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\65.D		

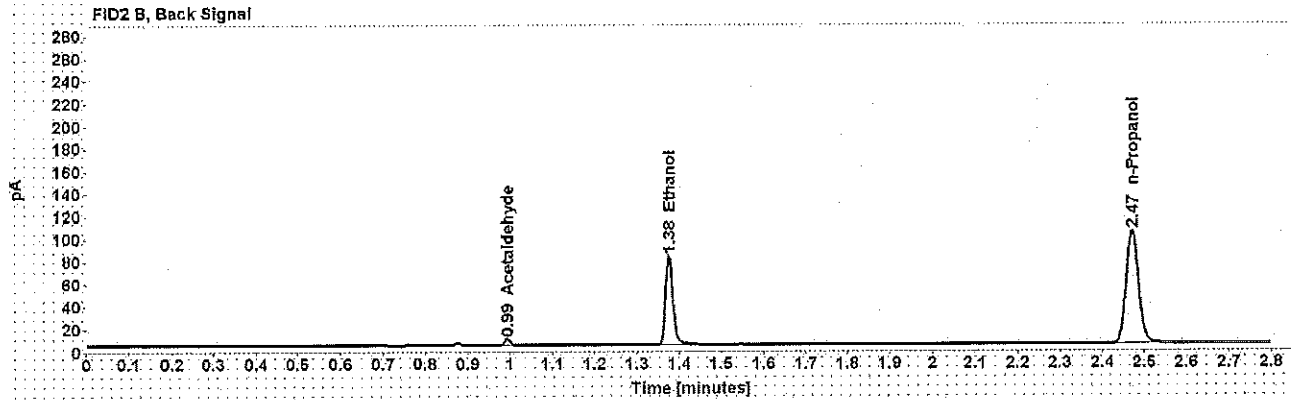
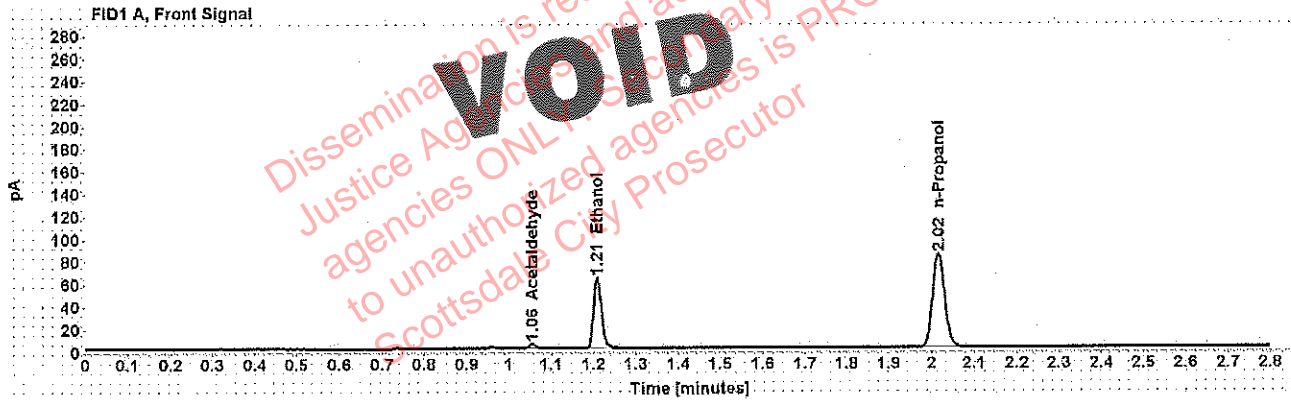


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.091
>Ethanol	0.1272	1.210	80.312
n-Propanol	-----	2.016	167.067

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.366
Ethanol	1.376	99.386
n-Propanol	2.471	205.369

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1255755
Injection date:	3/14/2019 9:39:21 PM	Vial:	66
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\66.D		

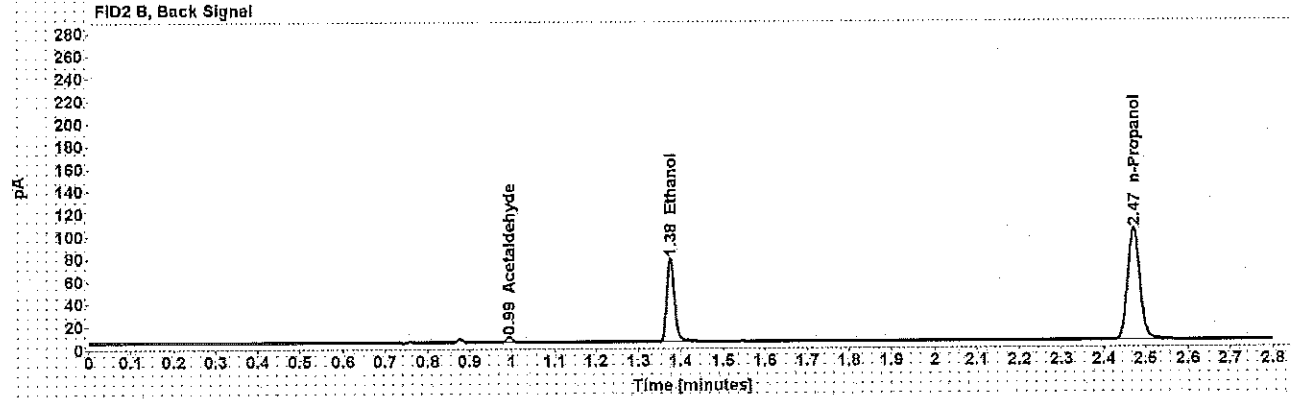
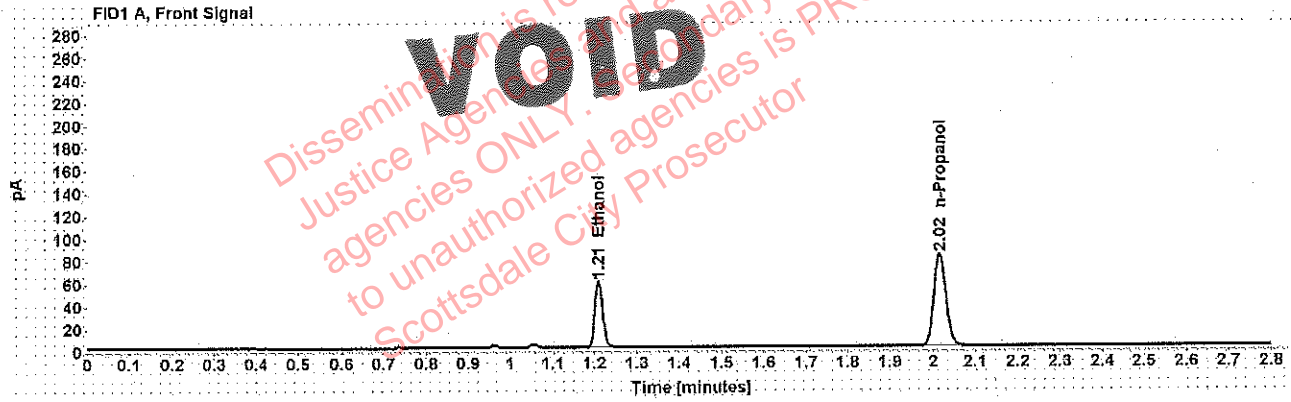


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1212	1.210	75.215
n-Propanol	-----	2.016	164.262

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.448
Ethanol	1.375	93.399
n-Propanol	2.471	201.784

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1255327
Injection date:	3/14/2019 9:43:35 PM	Vial:	67
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\14Mar19\67.D		

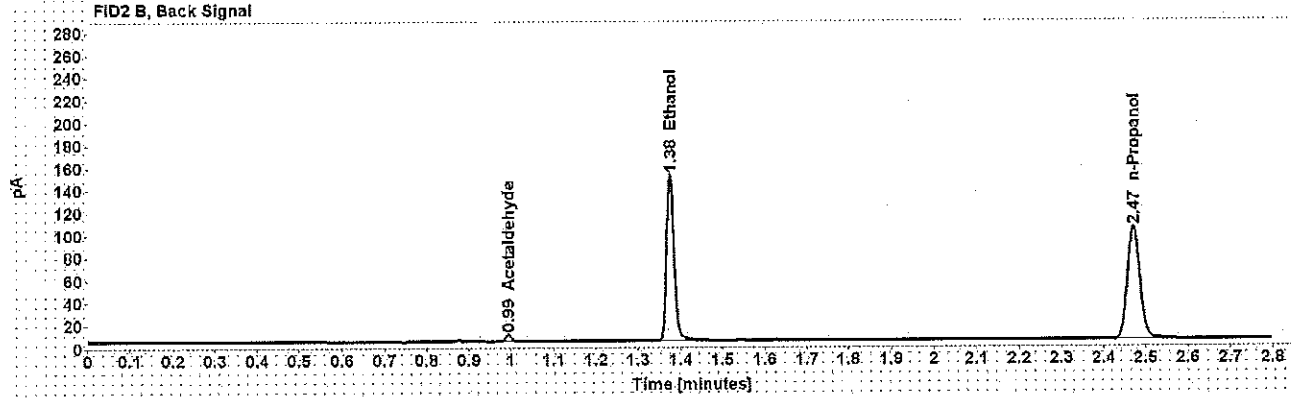
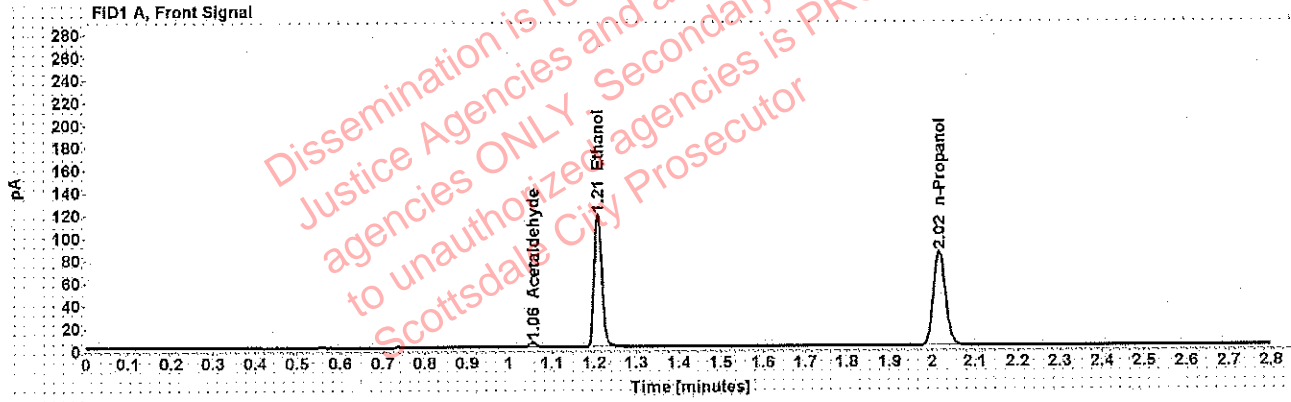


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.607
>Ethanol	0.2368	1.209	149.795
n-Propanol	-----	2.016	166.672

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.038
Ethanol	1.376	186.700
n-Propanol	2.471	204.879

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1255327
Injection date:	3/14/2019 9:47:35 PM	Vial:	68
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\68.D		

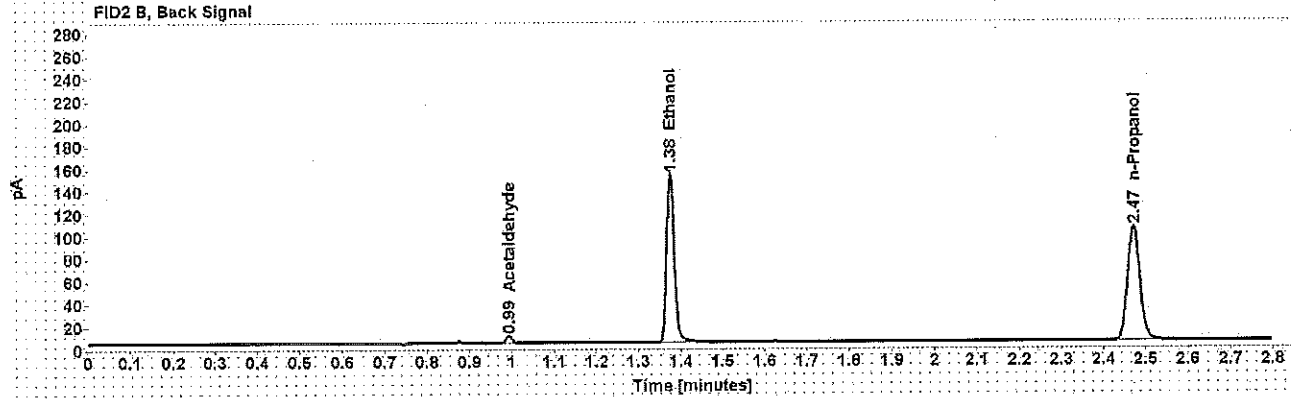
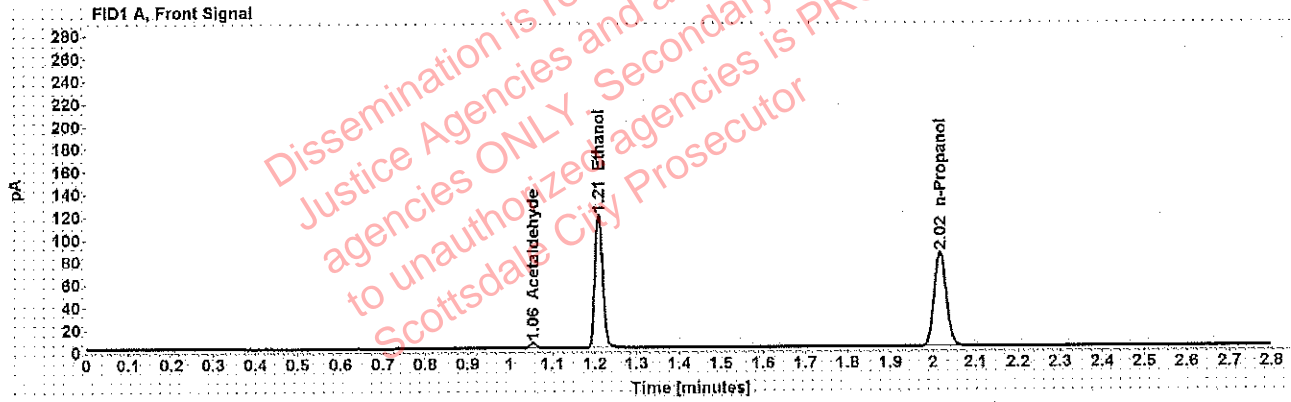


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.713
>Ethanol	0.2372	1.209	151.182
n-Propanol	-----	2.016	167.889

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.157
Ethanol	1.375	188.626
n-Propanol	2.471	206.834

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1256522
Injection date:	3/14/2019 9:51:35 PM	Vial:	69
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\69.D		

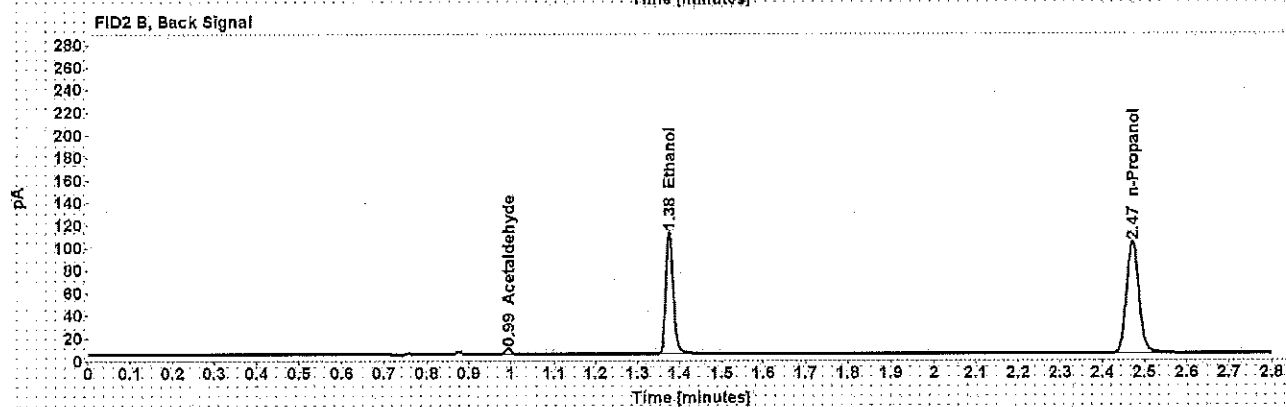
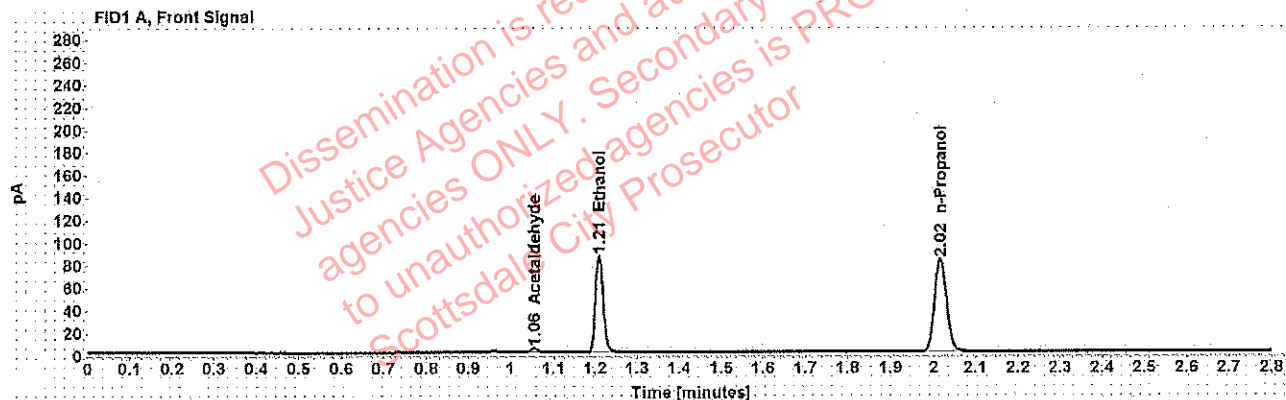


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.969
>Ethanol	0.1753	1.209	109.585
n-Propanol	-----	2.016	164.955

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.207
Ethanol	1.376	136.421
n-Propanol	2.471	202.650

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Item number:	1256522
Injection date:	3/14/2019 9:55:33 PM	Vial:	70
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\70.D		

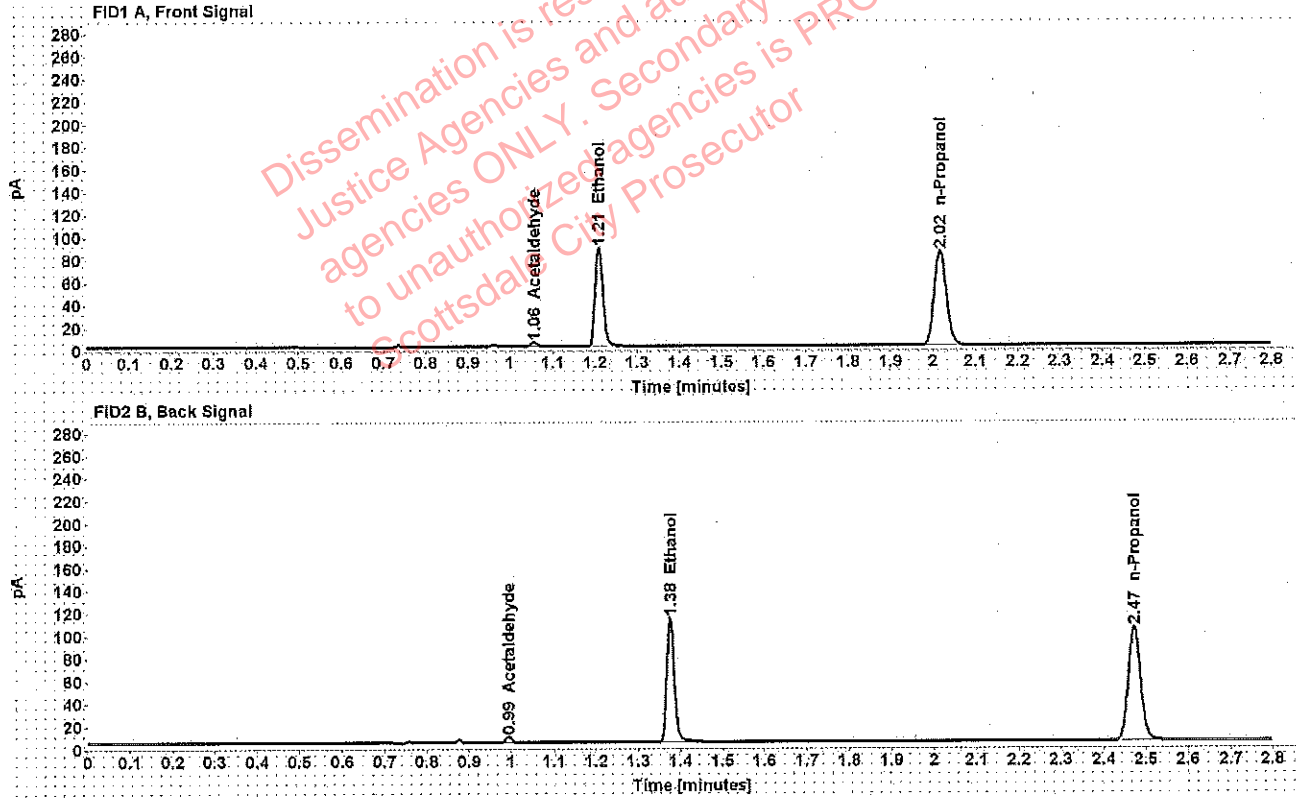


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.048
>Ethanol	0.1764	1.210	112.159
n-Propanol	-----	2.016	167.786

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.318
Ethanol	1.376	139.601
n-Propanol	2.472	206.115

Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1258597
Injection date:	3/14/2019 9:59:33 PM	Vial:	71
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\71.D		

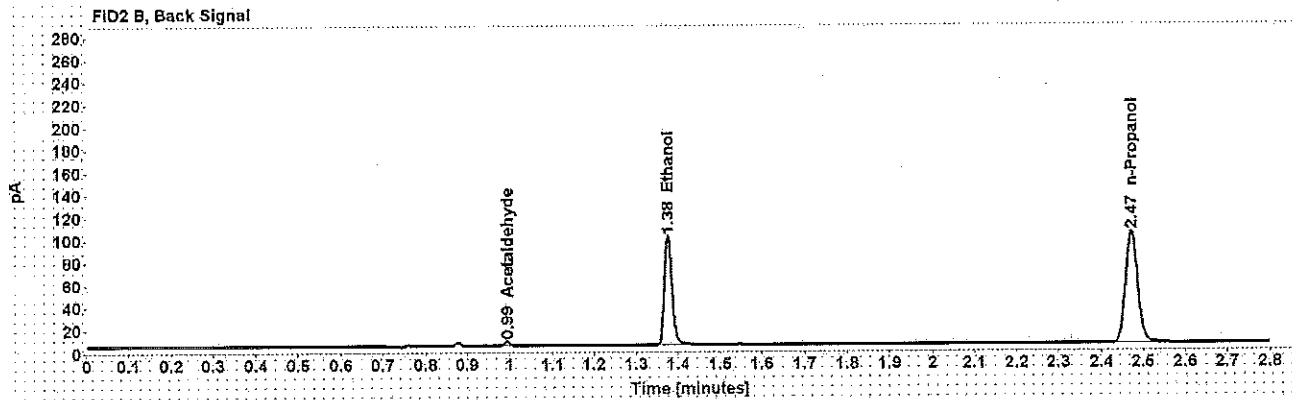
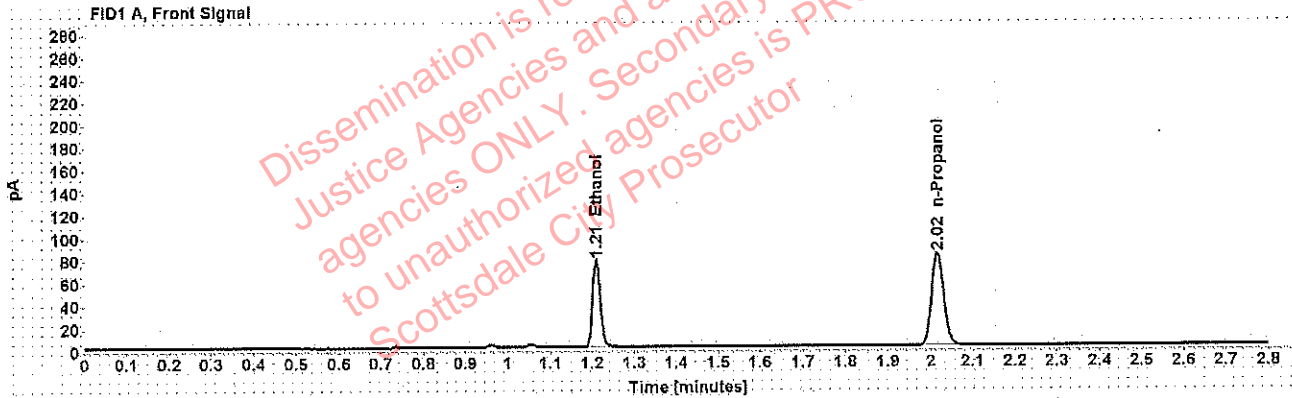


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1578	1.210	98.292
n-Propanol	-----	2.016	164.501

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.785
Ethanol	1.376	122.755
n-Propanol	2.472	202.544

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1258597
Injection date:	3/14/2019 10:03:33 PM	Vial:	72
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\72.D		

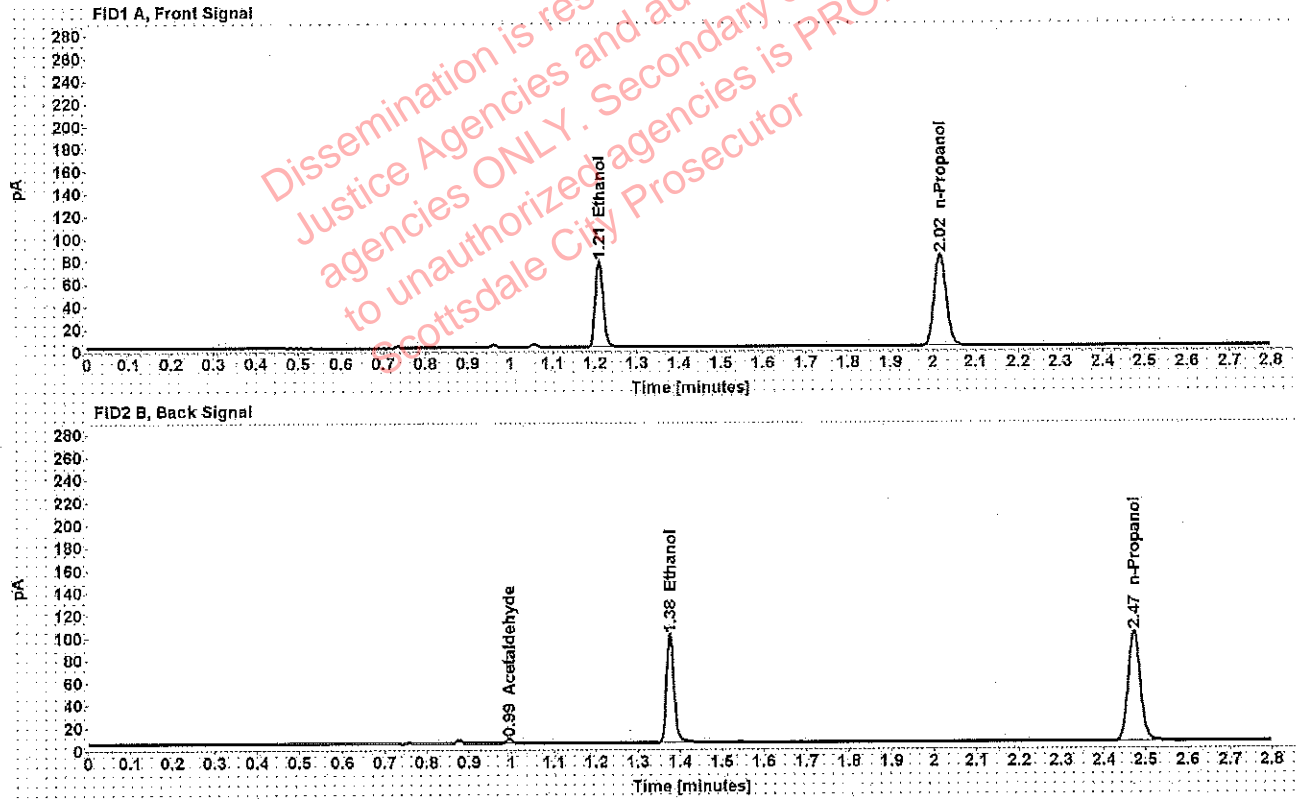


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1583	1.210	97.845
n-Propanol	-----	2.016	163.270

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.957
Ethanol	1.376	121.993
n-Propanol	2.472	200.607

Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1252731
Injection date:	3/14/2019 10:07:49 PM	Vial:	73
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\73.D		

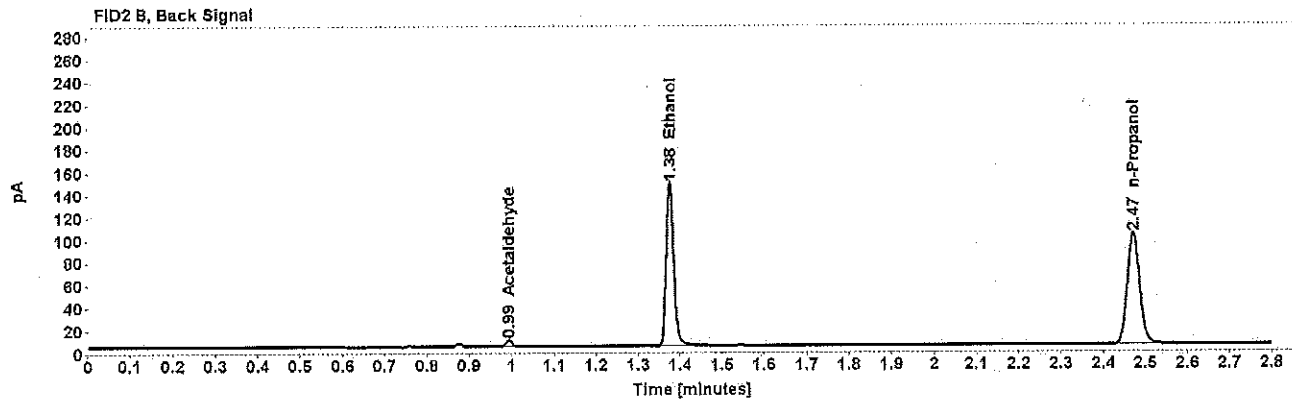
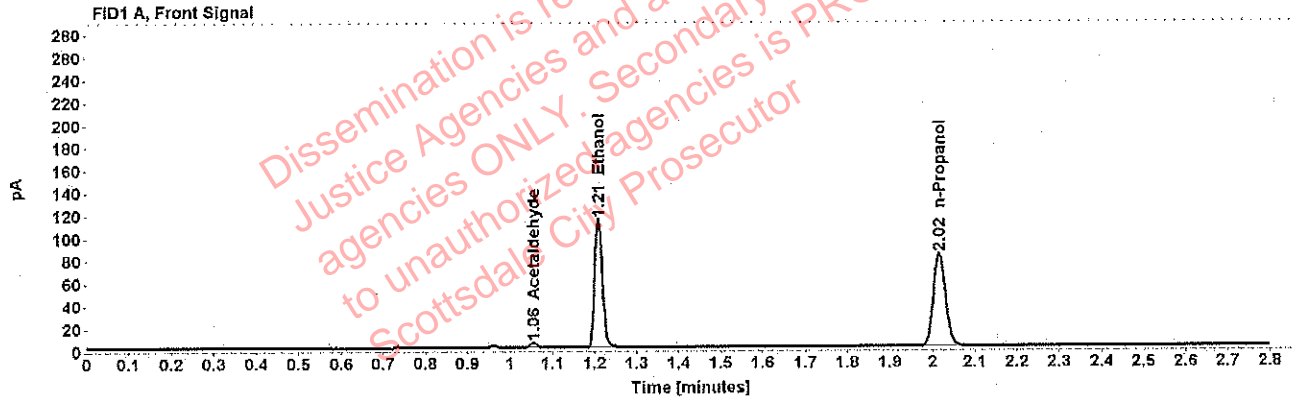


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.283
>Ethanol	0.2342	1.209	146.078
n-Propanol	-----	2.016	164.324

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.618
Ethanol	1.375	182.177
n-Propanol	2.471	202.256

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1252731
Injection date:	3/14/2019 10:11:49 PM	Vial:	74
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\74.D		

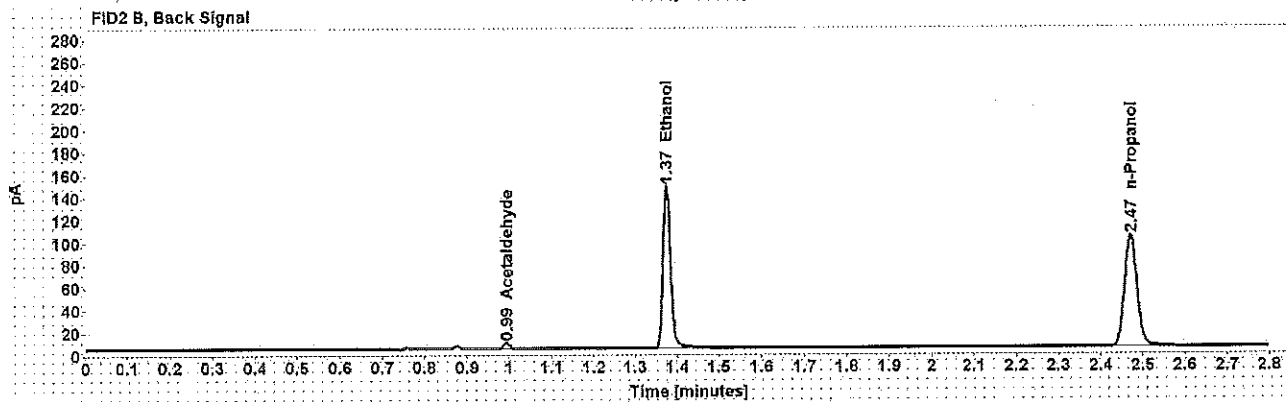
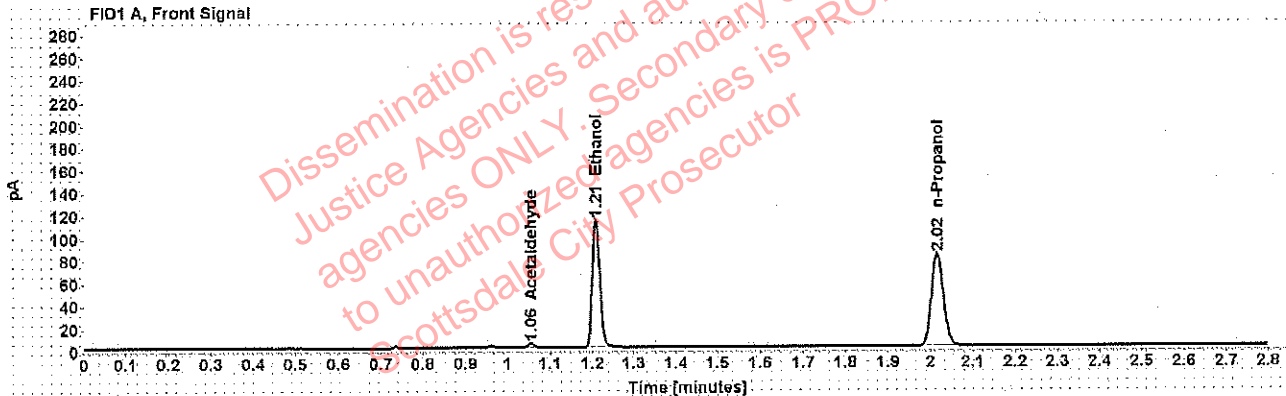


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.865
>Ethanol	0.2326	1.209	144.807
n-Propanol	-----	2.016	164.033

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.086
Ethanol	1.375	180.874
n-Propanol	2.471	201.758

Adrian, William - (18-Mar-2019)

Case: [redacted] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Item number:	1259375
Injection date:	3/14/2019 10:19:48 PM	Vial:	76
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\76.D		

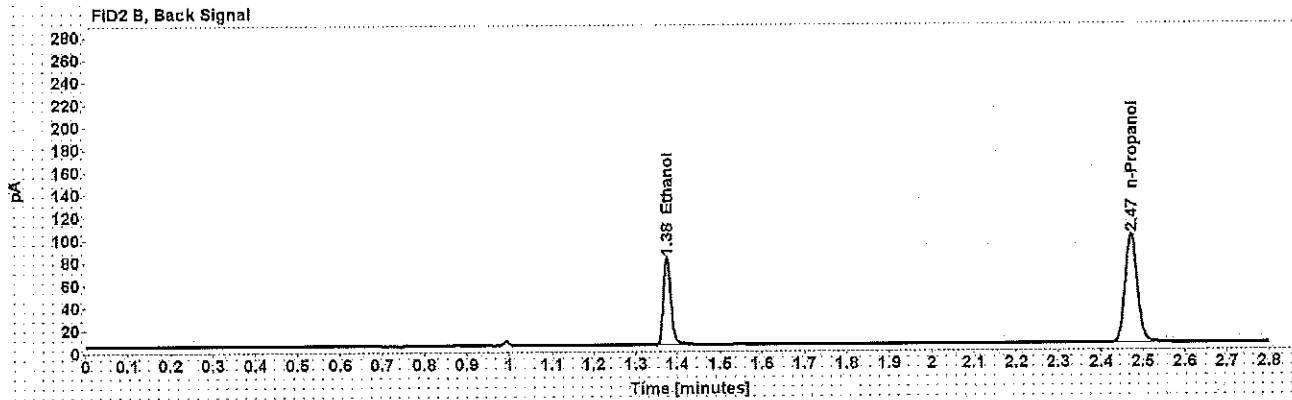
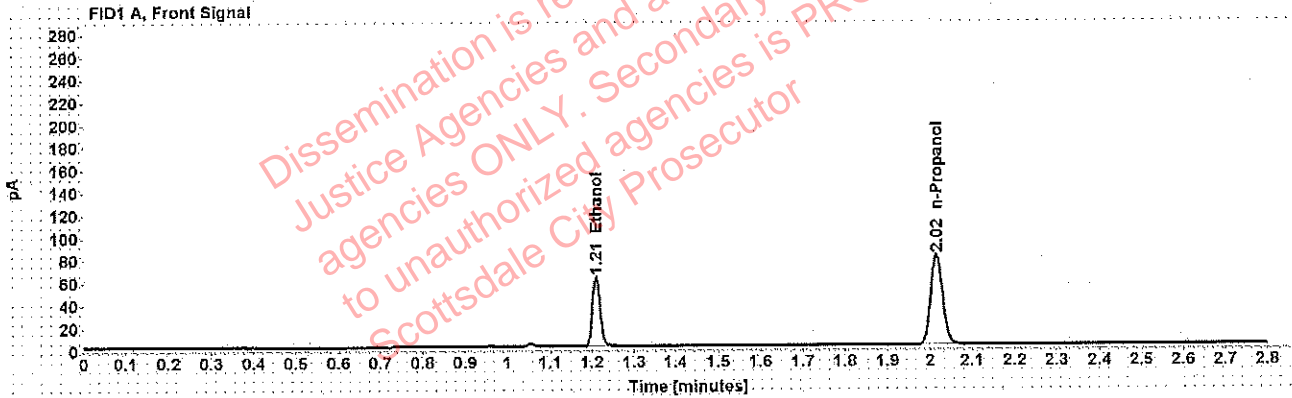


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1300	1.210	78.643
n-Propanol	-----	2.016	160.010

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

Compound	Time (min)	Peak Area
Ethanol	1.375	97.649
n-Propanol	2.471	196.742

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1259375
Injection date:	3/14/2019 10:23:50 PM	Vial:	77
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\14Mar19\77.D		

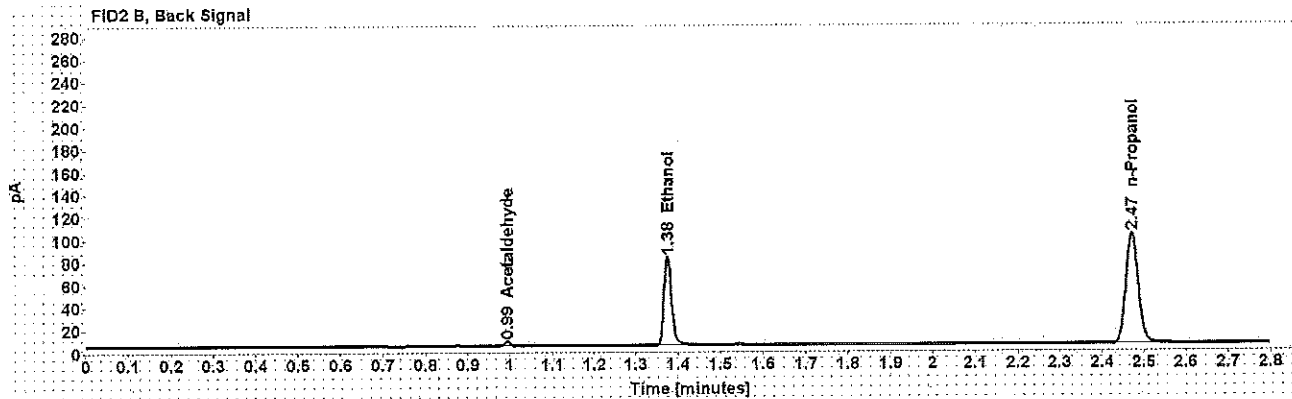
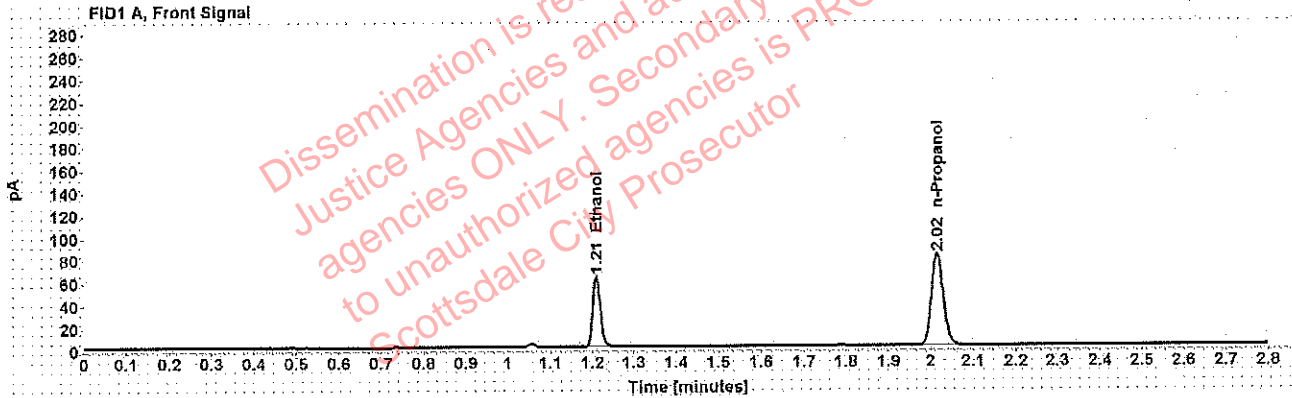


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1299	1.210	80.119
n-Propanol	-----	2.016	163.210

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.888
Ethanol	1.376	99.139
n-Propanol	2.471	200.563

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1255048
Injection date:	3/14/2019 10:27:49 PM	Vial:	78
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\Data\14Mar19\78.D		

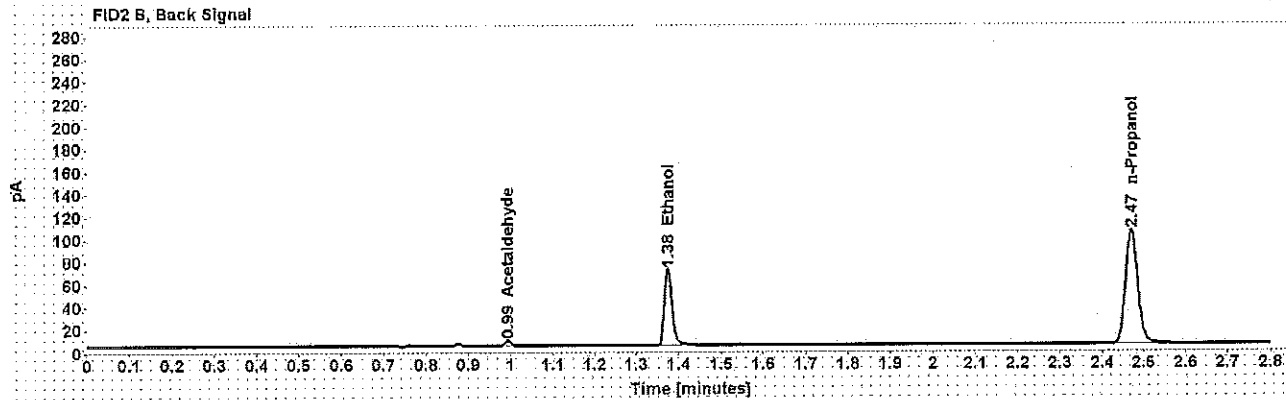
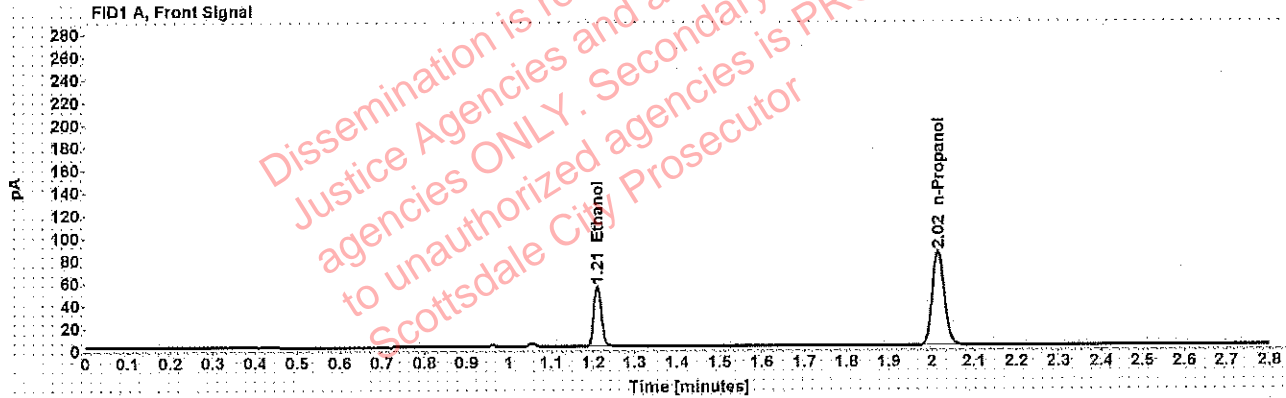


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1089	1.210	68.889
n-Propanol	-----	2.016	167.729

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.379
Ethanol	1.375	85.159
n-Propanol	2.471	206.183

Case [redacted]: Adrian, William - (18-Mar-2019)

User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Item number:	1255048
Injection date:	3/14/2019 10:32:05 PM	Vial:	79
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\79.D		

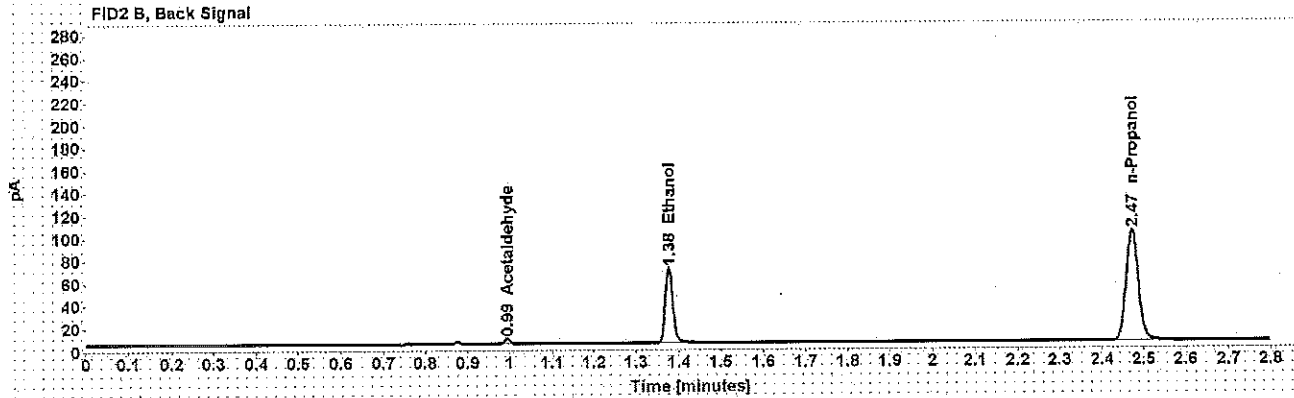
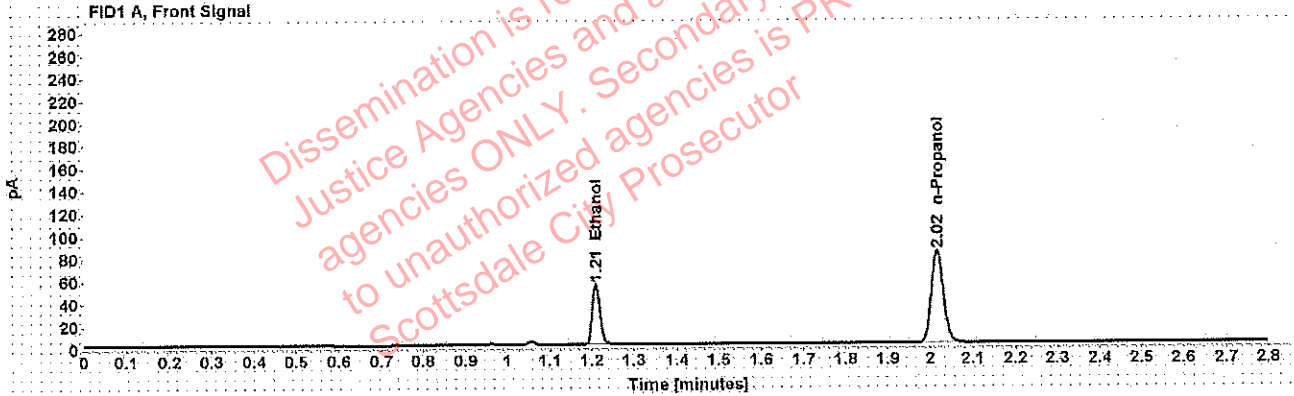


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1103	1.210	68.367
n-Propanol	-----	2.016	164.239

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.307
Ethanol	1.376	84.765
n-Propanol	2.471	201.995

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	0000004
Injection date:	3/14/2019 10:36:06 PM	Vial:	80
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\80.D		

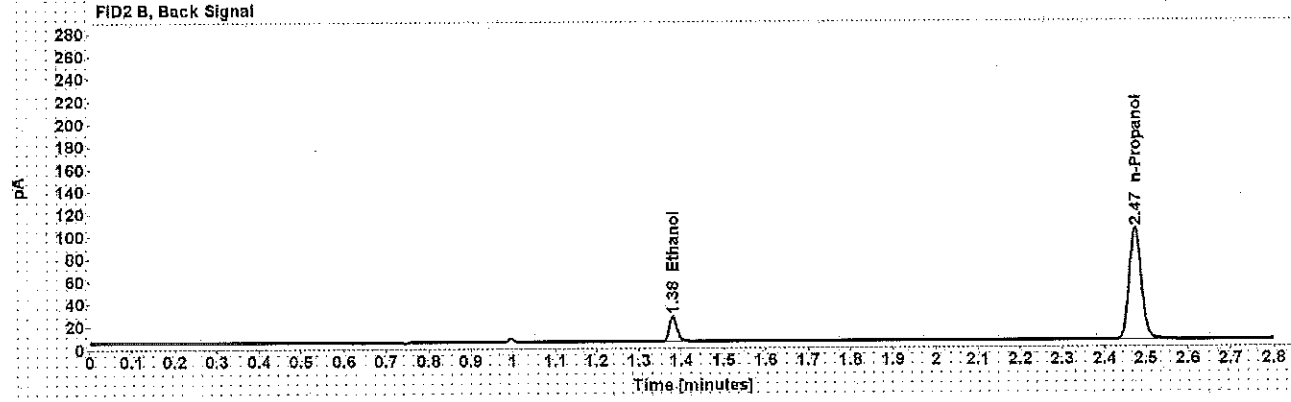
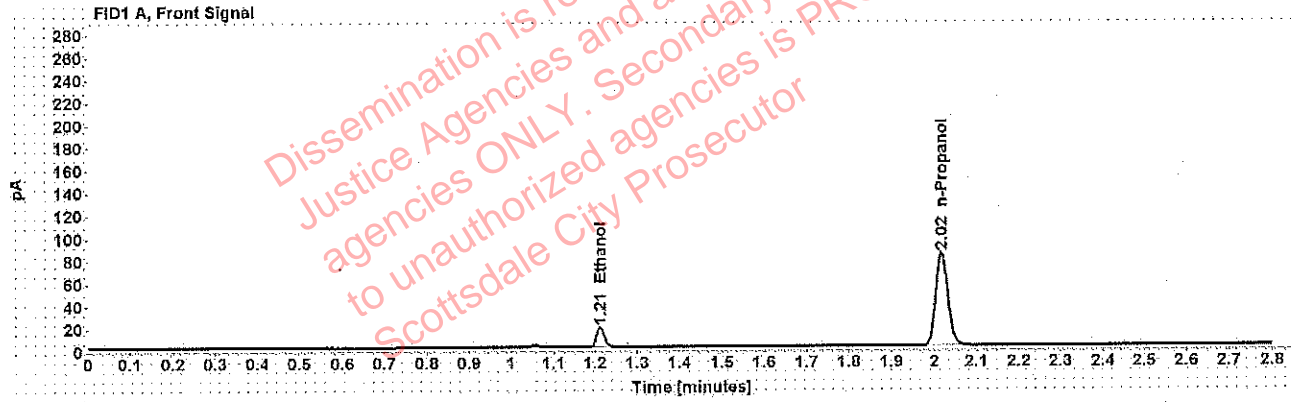


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0376	1.213	22.986
n-Propanol	-----	2.018	165.516

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

Compound	Time (min)	Peak Area
Ethanol	1.380	28.967
n-Propanol	2.474	203.813

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	0000004
Injection date:	3/14/2019 10:40:03 PM	Vial:	81
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\81.D		

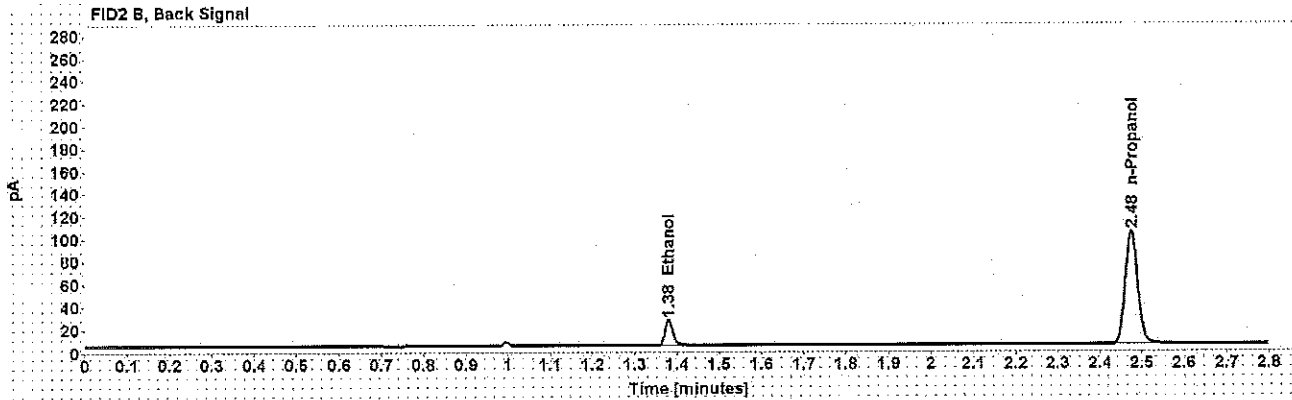
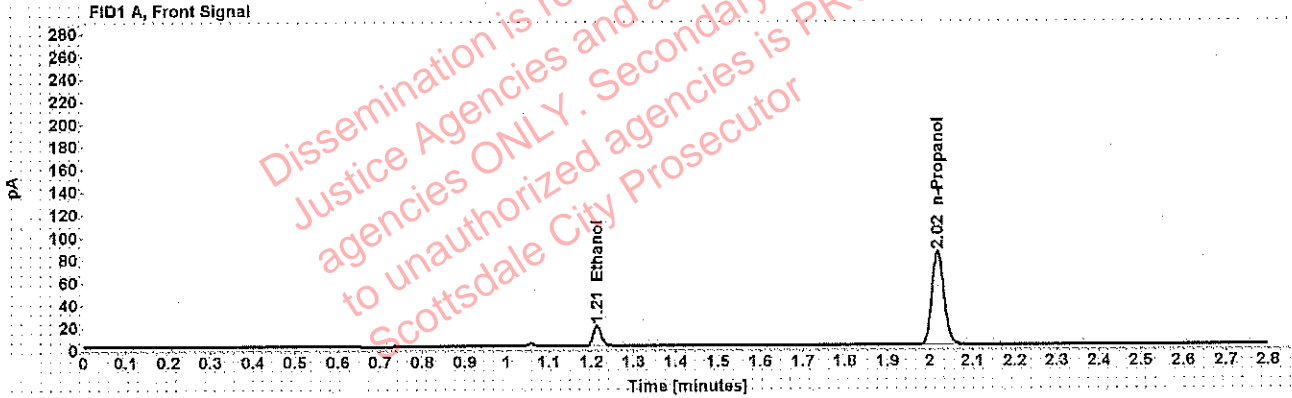


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0377	1.213	23.145
n-Propanol	-----	2.019	166.063

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

Compound	Time (min)	Peak Area
Ethanol	1.381	29.175
n-Propanol	2.475	204.515

██████████: Adrian, William - (18-Mar-2019)

Case: ██████████ User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	██████████	Item number:	000002
Injection date:	3/14/2019 10:44:04 PM	Vial:	82
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\82.D		

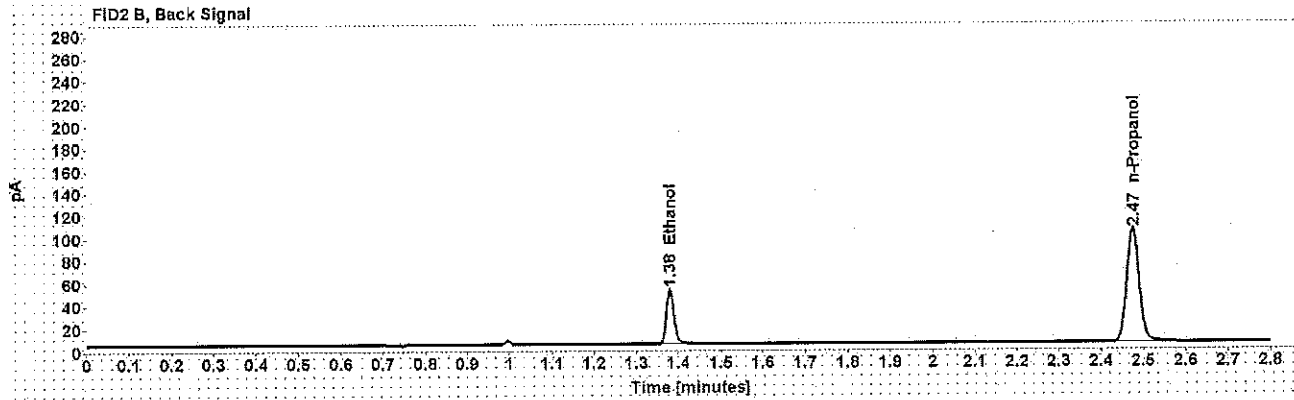
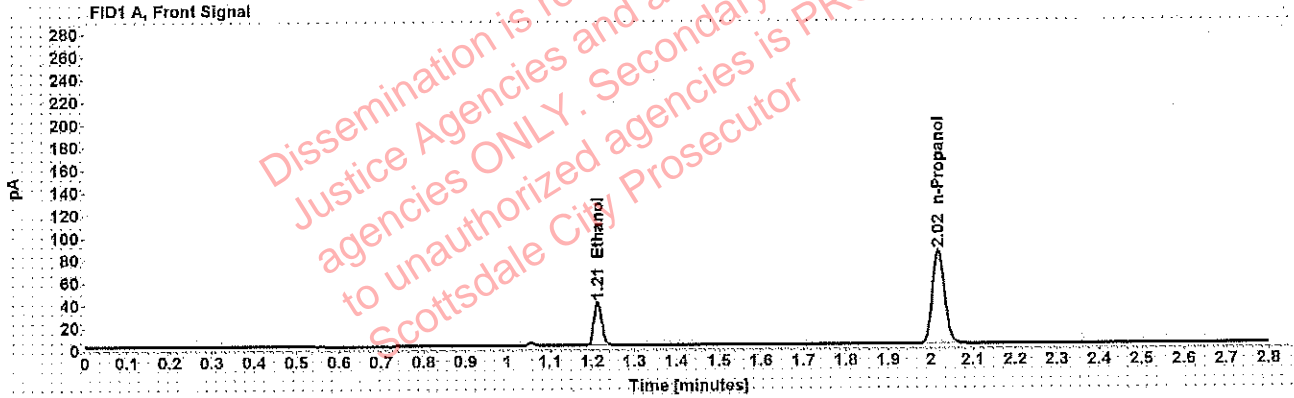


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0791	1.212	49.643
n-Propanol	-----	2.018	166.926

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

Compound	Time (min)	Peak Area
Ethanol	1.380	61.338
n-Propanol	2.475	205.725

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	0000002
Injection date:	3/14/2019 10:48:04 PM	Vial:	83
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\83.D		

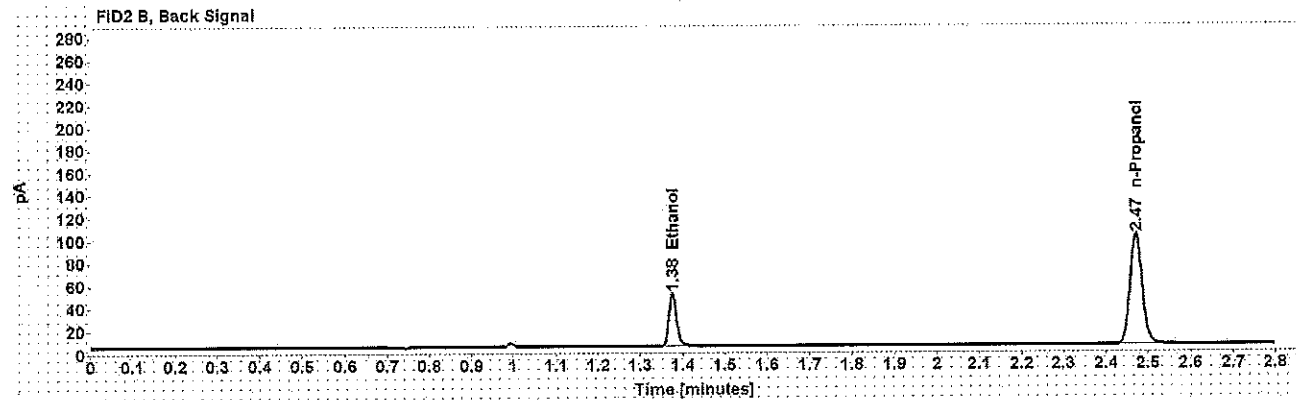
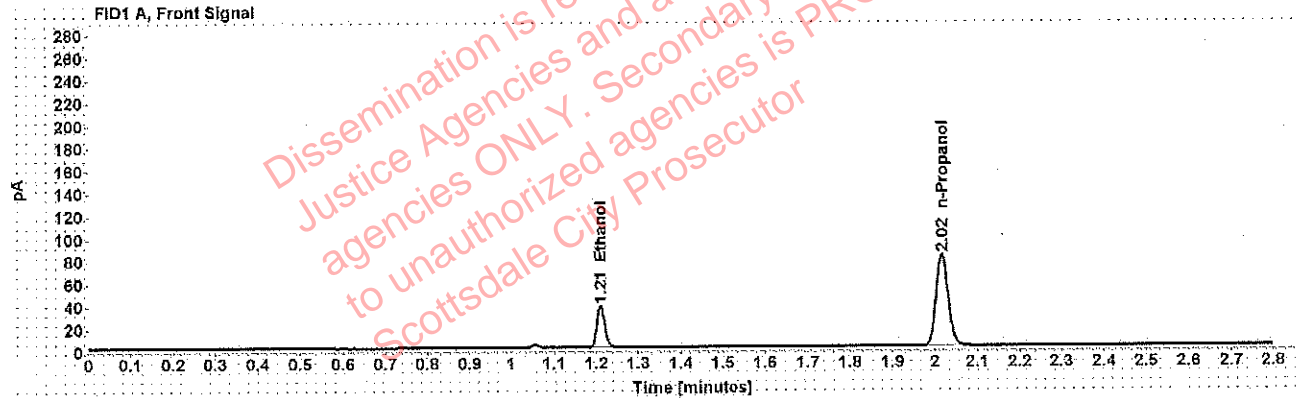


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0777	1.210	47.564
n-Propanol	-----	2.016	163.008

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

Compound	Time (min)	Peak Area
Ethanol	1.376	58.677
n-Propanol	2.471	200.826

Adrian, William - (18-Mar-2019)

Case: User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Item number:	000001
Injection date:	3/14/2019 10:52:08 PM	Vial:	84
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\84.D		

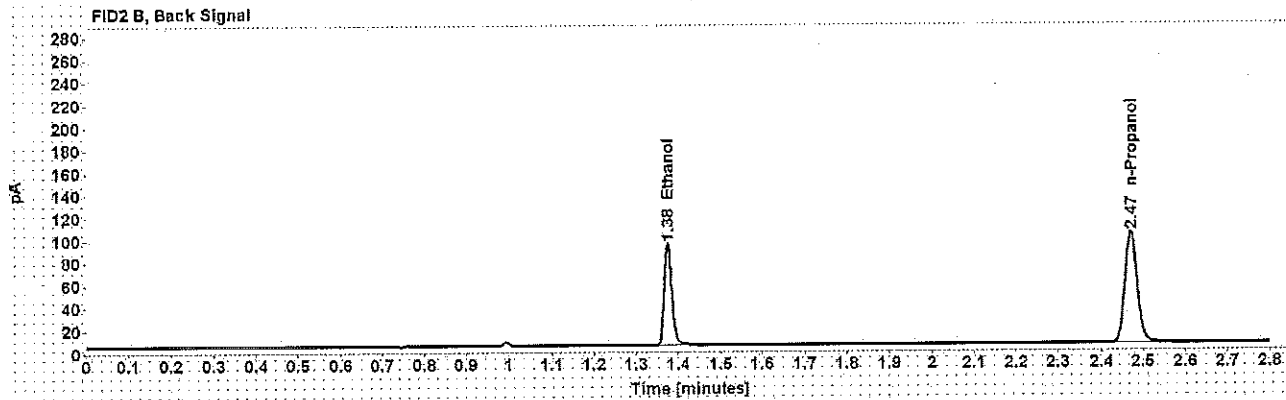
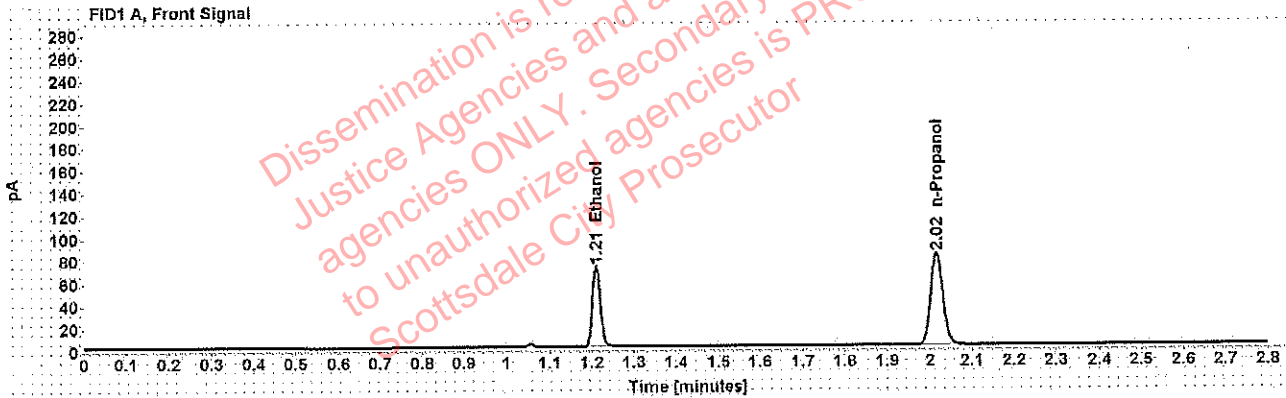


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1473	1.210	91.788
n-Propanol	-----	2.016	164.691

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

Compound	Time (min)	Peak Area
Ethanol	1.375	114.175
n-Propanol	2.471	203.224

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	000001
Injection date:	3/14/2019 10:56:19 PM	Vial:	85
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\85.D		

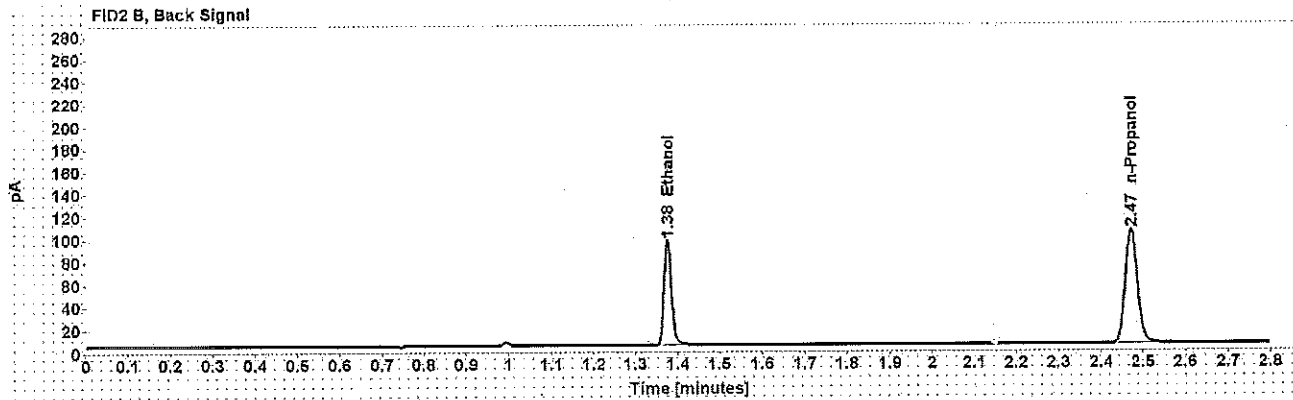
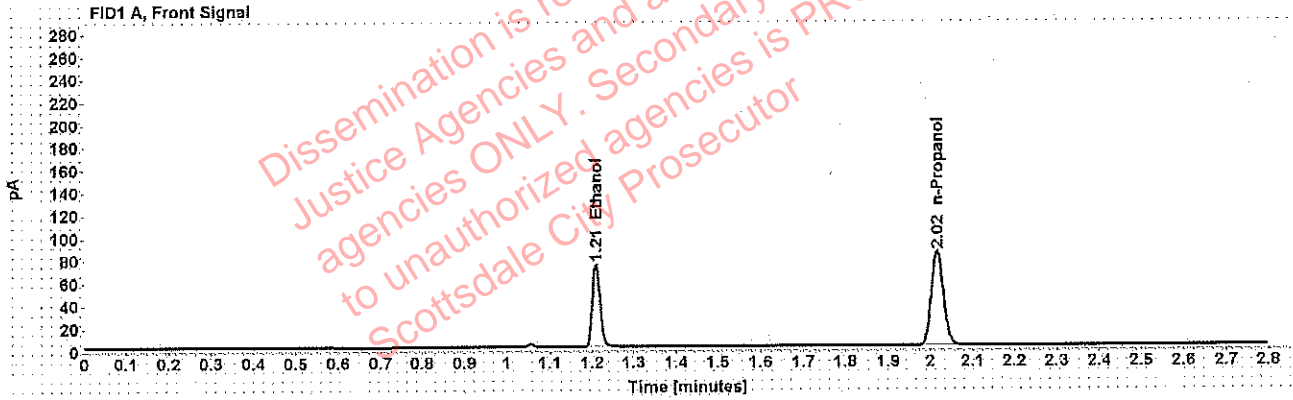


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1488	1.210	94.577
n-Propanol	-----	2.016	167.938

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

Compound	Time (min)	Peak Area
Ethanol	1.376	117.229
n-Propanol	2.471	206.748

[REDACTED]: Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	0000003
Injection date:	3/14/2019 11:04:19 PM	Vial:	87
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\87.D		

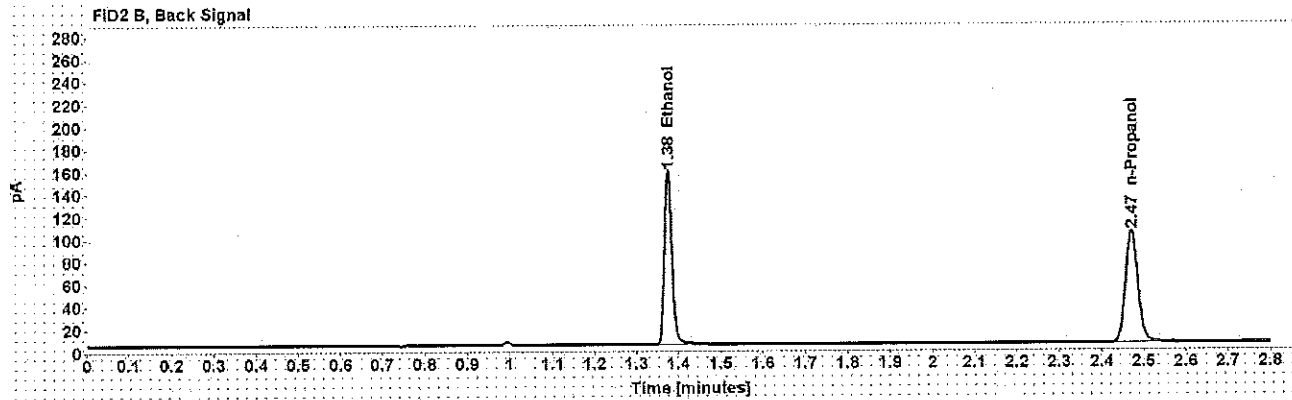
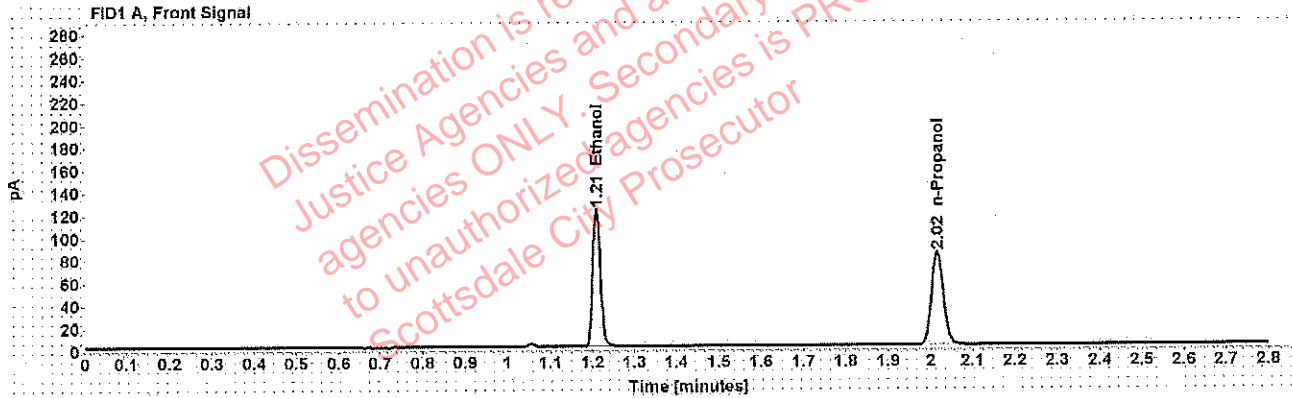


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2485	1.209	155.914
n-Propanol	-----	2.016	165.245

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

Compound	Time (min)	Peak Area
Ethanol	1.376	194.612
n-Propanol	2.471	204.167

Adrian, William - (18-Mar-2019)

Case: [REDACTED] User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	000003
Injection date:	3/14/2019 11:08:19 PM	Vial:	88
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\88.D		

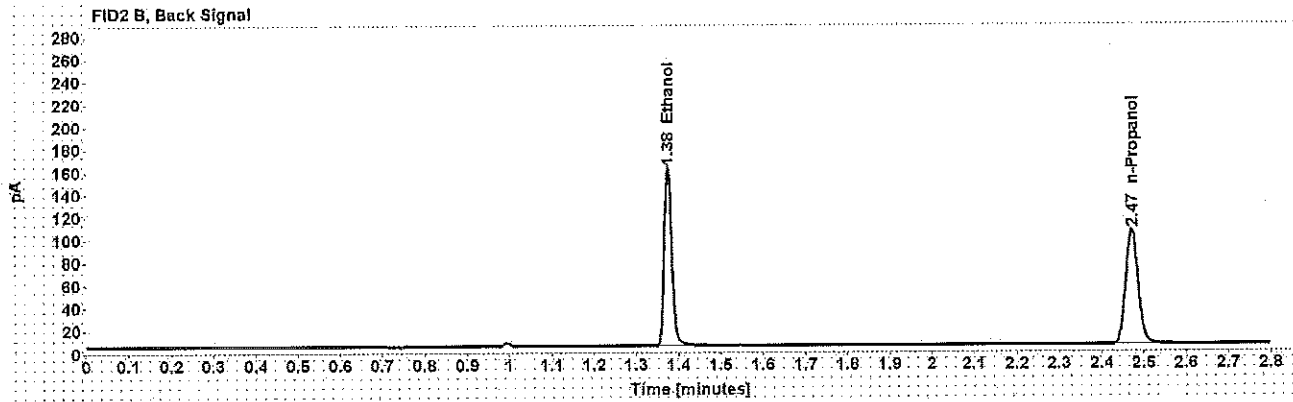
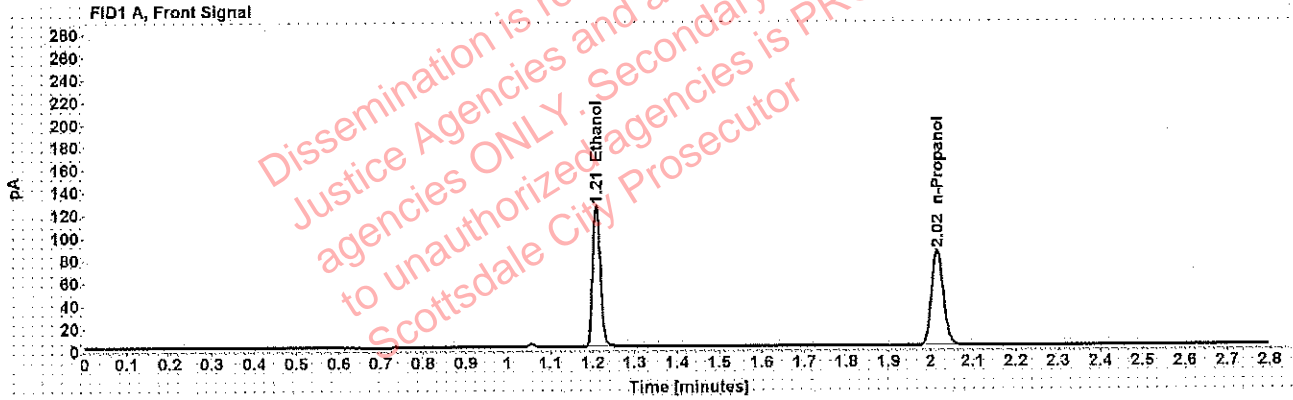


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2485	1.209	159.105
n-Propanol	-----	2.016	168.645

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

Compound	Time (min)	Peak Area
Ethanol	1.375	198.686
n-Propanol	2.471	208.089