

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 03/21/2019 SEQUENCE NAME 21Mar19

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 1.00000
 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	0.040 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	0.152 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
56	Aqueous control	0.400 g/dL	0.410 g/dL	Lipomed 08012015-C
57	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
58	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/13
59	Blank	Not detected	Not detected	SPD lab 121118

SUBJECT SAMPLES

Subjects in the sequence 21 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid WAB1570 3/21/19 Analyst
 Run valid Run invalid KOSECKI 3/25/19 Technical Reviewer

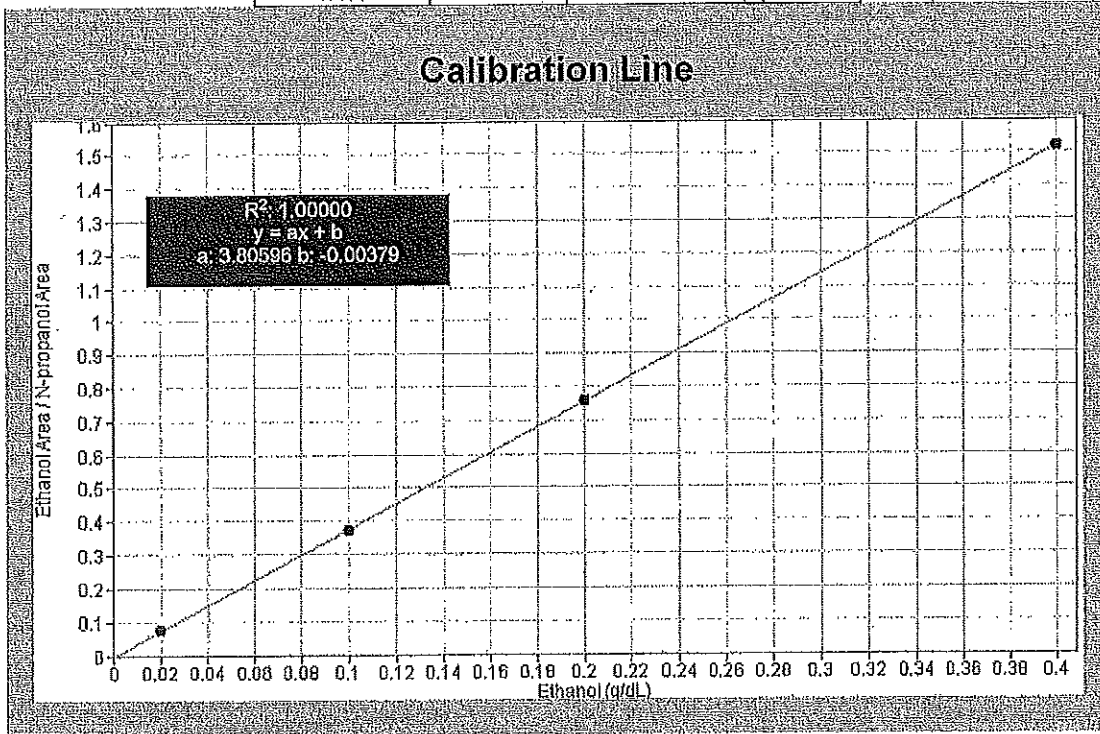
Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 21Mar19

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	0.040	0.040	0.00	0.000
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	0.152	0.150	1.33	0.002
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
0.40 08012015-C	56	0.410	0.400	2.50	0.010
0.04 09022015-A	57	0.040	0.040	0.00	0.000
0.198 407041529/13	58	0.201	0.198	1.52	0.003
blank 121118	59	negative	negative	-	-

Callibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.930	162.443	0.073
0.100	59.055	157.155	0.376
0.200	124.313	164.257	0.757
0.400	238.314	156.881	1.519



Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.020 FN03241604	Item number:
Injection date: 3/21/2019 10:48:49 AM	Vial: 1
Method: ethanol quant.M	Sequence: 21Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\21Mar19\1.D	

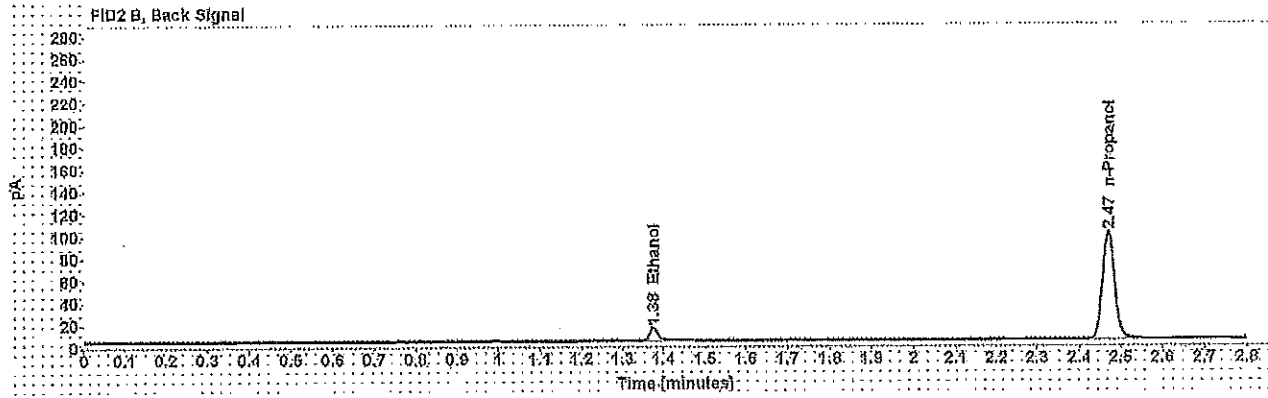
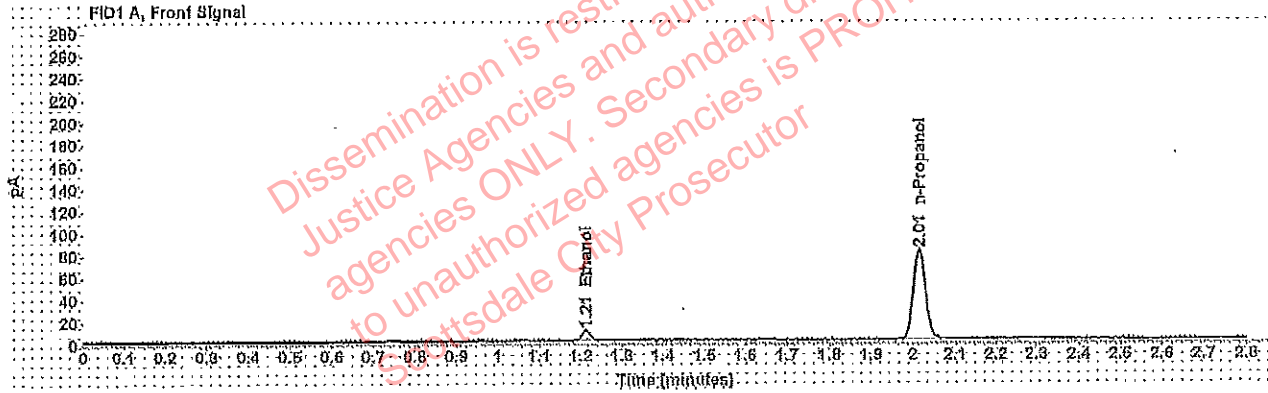


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	11.930
n-Propanol	2.015	162.443

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

Compound	Time (min)	Peak Area
Ethanol	1.376	14.557
n-Propanol	2.469	196.764

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.100 FN06181601	Item number:
Injection date: 3/21/2019 10:52:51 AM	Vial: 2
Method: ethanol quant.M	Sequence: 21Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\21Mar19\2.D	

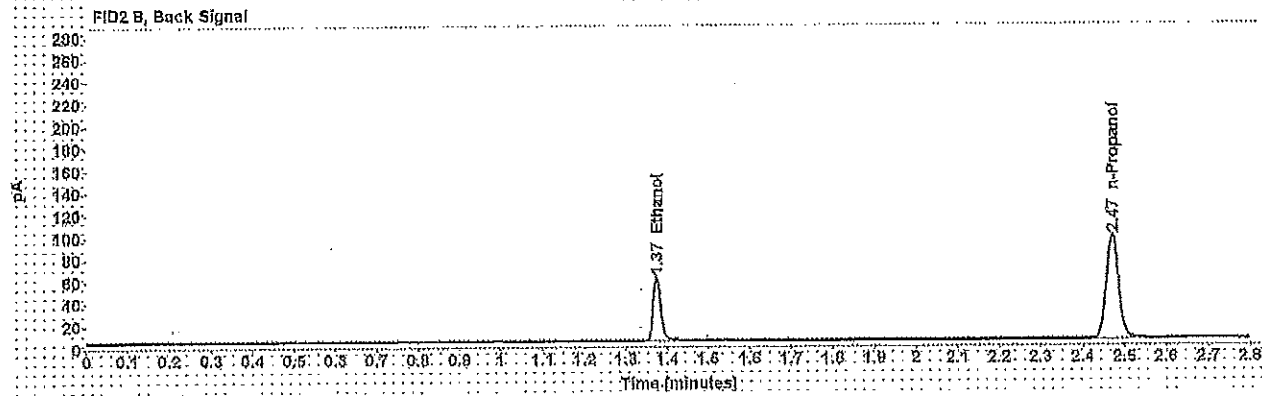
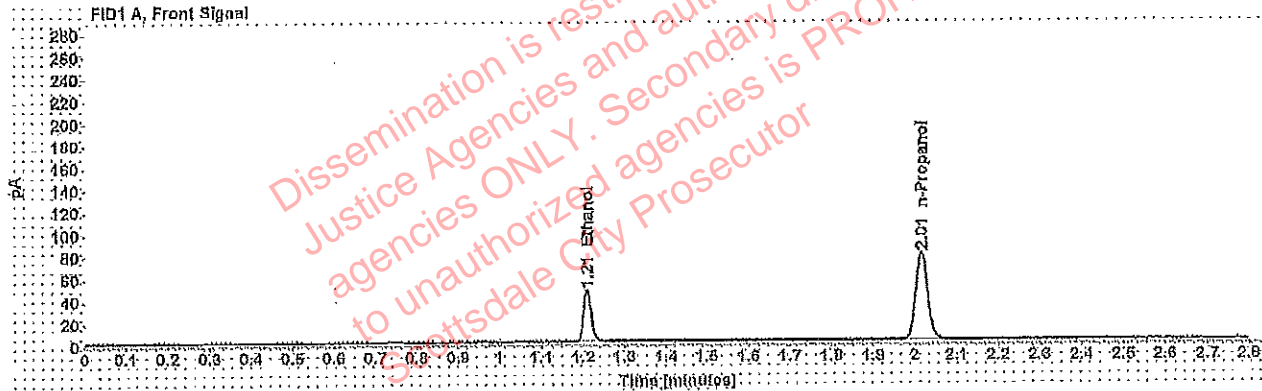


Table 1: FID 1 A (column DB-ALG1)

Compound	Time (min)	Peak Area
Ethanol	1.209	59.055
n-Propanol	2.015	157.155

Table 2: FID 2 B (column DB-ALG2)

Compound	Time (min)	Peak Area
Ethanol	1.374	73.139
n-Propanol	2.470	191.010

Scottsdale Police Department Crime Lab Volatiles Analysis

WAF

Sample: 0.200 FN07201602	Item number:
Injection date: 3/21/2019 10:56:49 AM	Vial: 3
Method: ethanol quant.M	Sequence: 21Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\21Mar19\3.D	

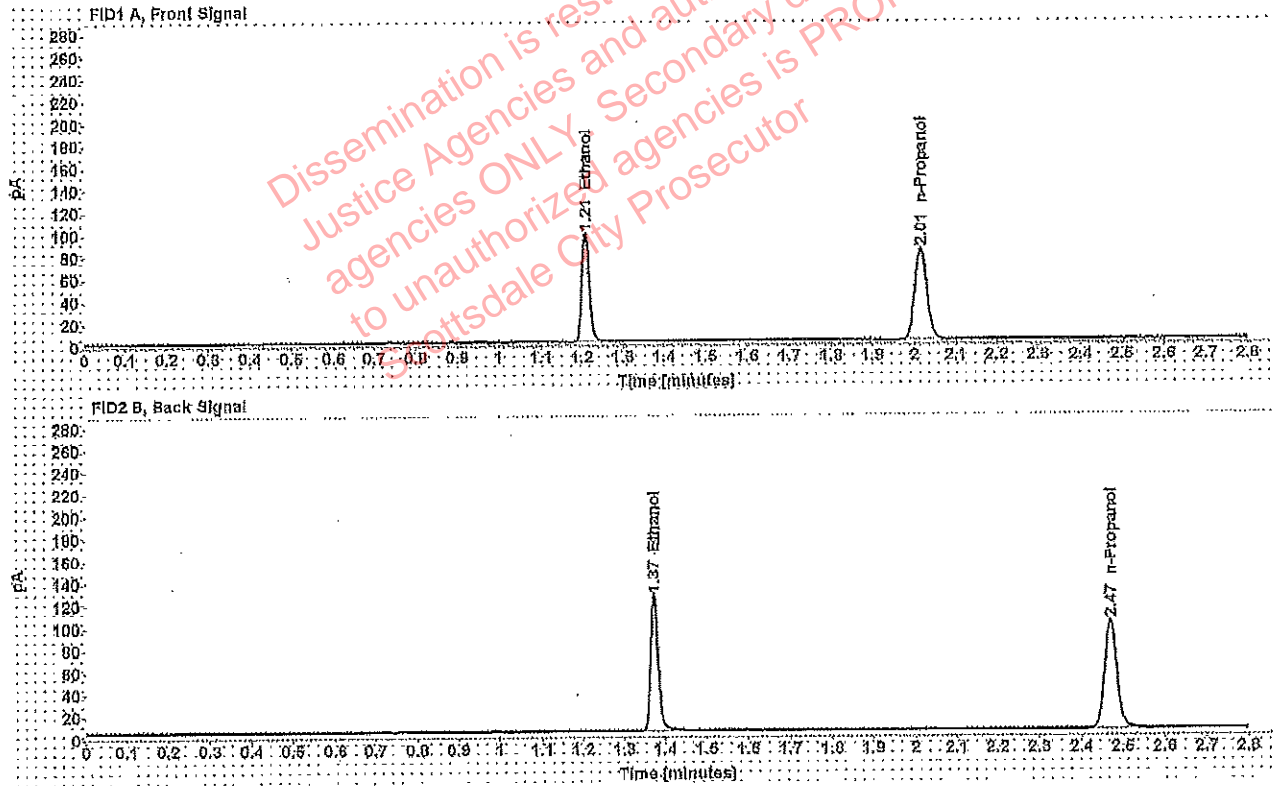


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	124,313
n-Propanol	2.015	164,257

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

Compound	Time (min)	Peak Area
Ethanol	1.373	154,003
n-Propanol	2.469	199,899

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0,400 FN11191402	Item number:
Injection date: 3/21/2019 11:00:49 AM	Vial: 4
Method: ethanol quant.M	Sequence: 21Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\21Mar19\4.D	

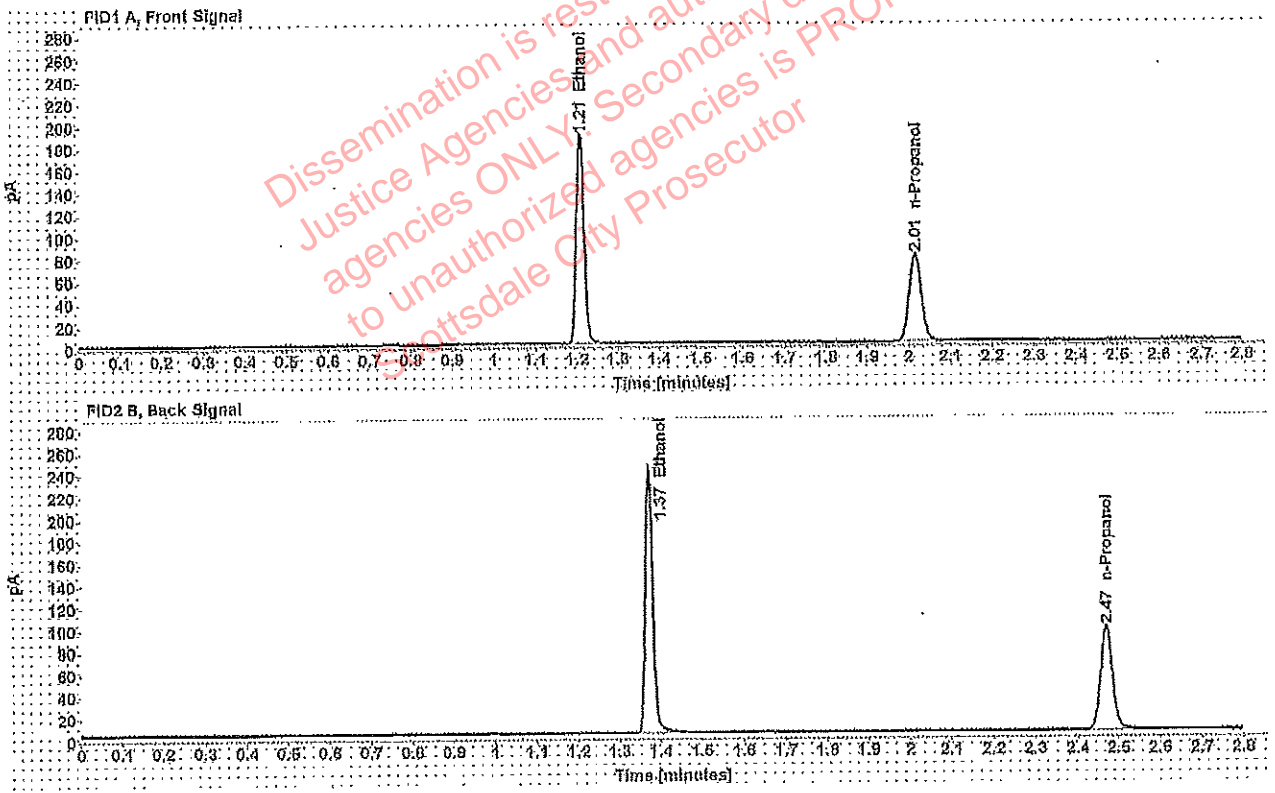


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	238.314
n-Propanol	2.014	156.881

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

Compound	Time (min)	Peak Area
Ethanol	1.372	296.466
n-Propanol	2.468	191.281

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 121118	Item number:
Injection date: 3/21/2019 11:04:51 AM	Vial: 5
Method: ethanol quant.M	Sequence: 21Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\21Mar19\5.D	

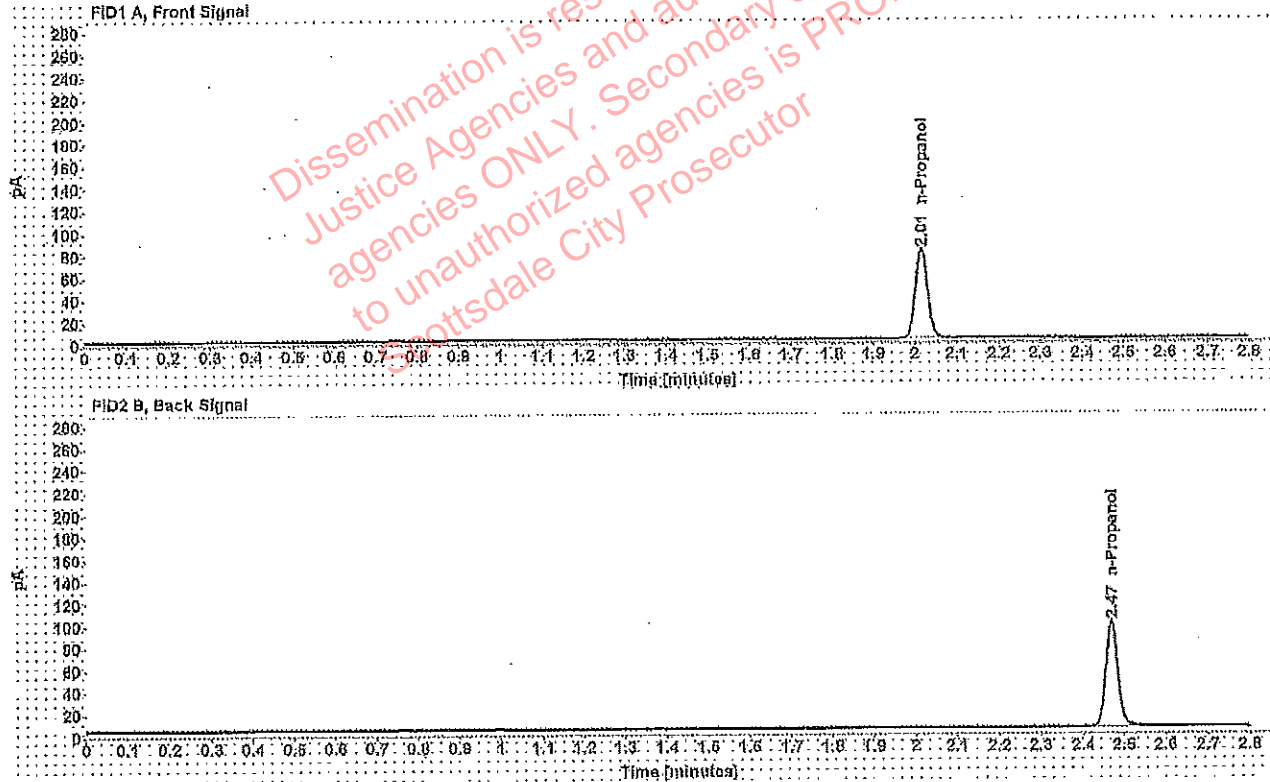


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	160.967

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

Compound	Time (min)	Peak Area
n-Propanol	2.469	196.006

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: volatiles mix 020917	Item number:
Injection date: 3/21/2019 11:08:51 AM	Vial: 6
Method: ethanol quant.M	Sequence: 21Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\21Mar19\6.D	

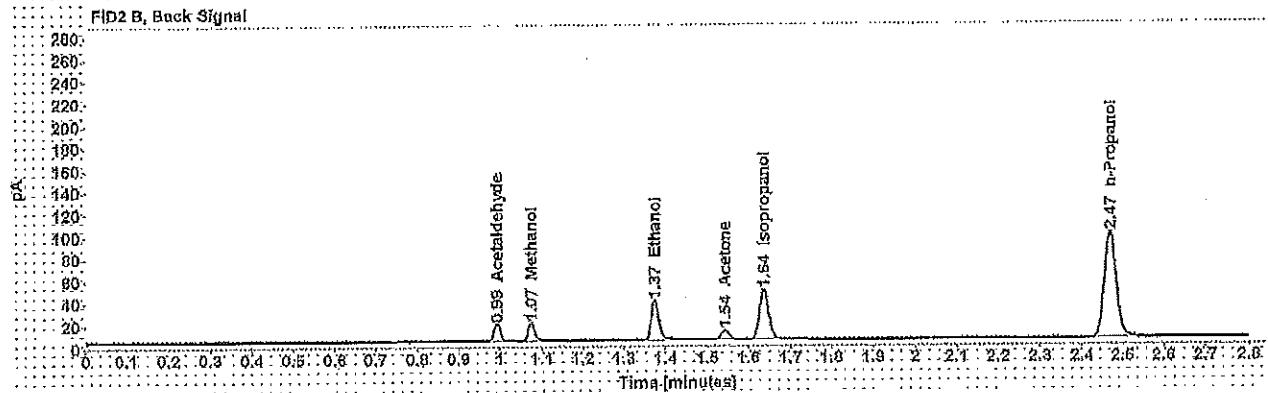
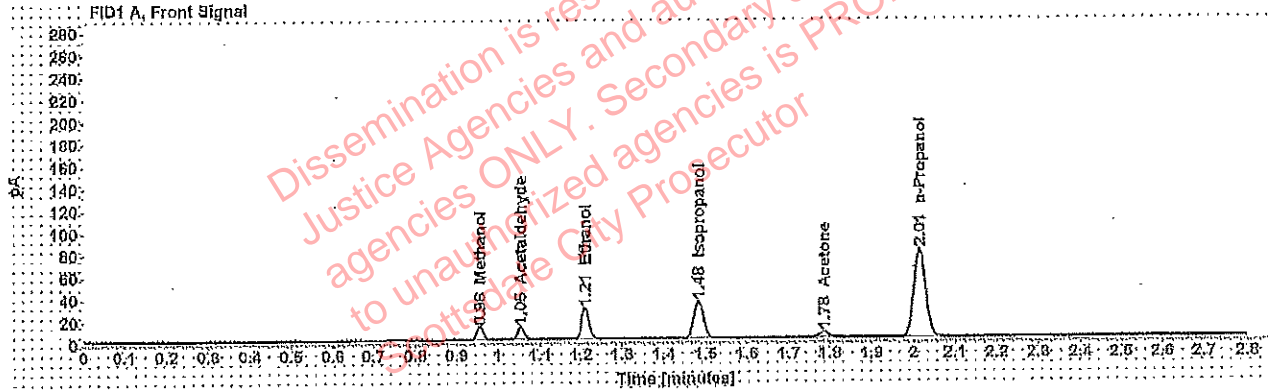


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	13.157
Acetaldehyde	-----	1.054	12.343
>Ethanol	0.0605	1,209	36.080
Isopropanol	-----	1.483	53.645
Acetone	-----	1.785	8.585
n-Propanol	-----	2.015	159.374

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	15.745
Methanol	1.075	16.534
Ethanol	1.374	44.404
Acetone	1.542	10.182
Isopropanol	1.636	67.233
n-Propanol	2.489	194.331

Scottsdale Police Department Crime Lab Volatiles Analysis

NA

Sample:	0,400 08012015-C	Item number:	
Injection date:	3/21/2019 11:13:06 AM	Vial:	7
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\7.D		

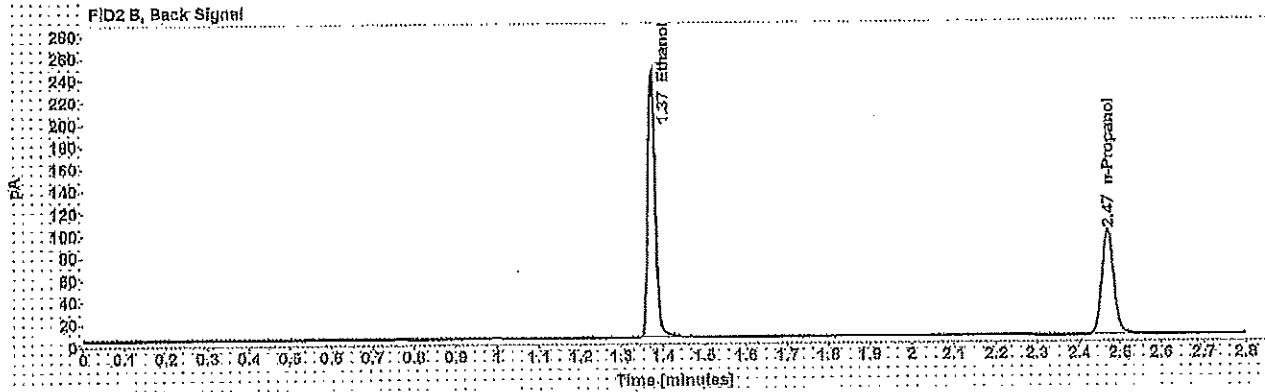
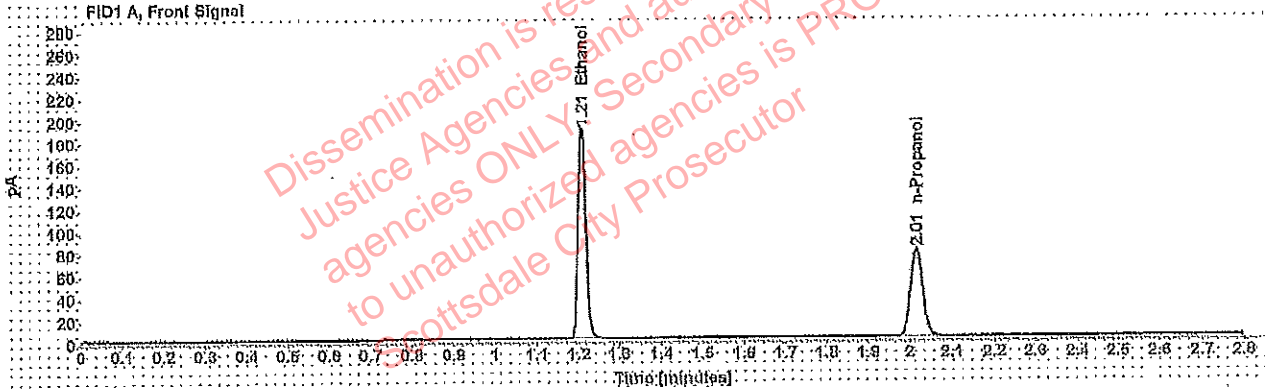


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4017	1.207	240.728
n-Propanol	-----	2.015	157.834

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

Compound	Time (min)	Peak Area
Ethanol	1.373	299.364
n-Propanol	2.469	192.883

Scottsdale Police Department Crime Lab Volatiles Analysis

N/A

Sample: 0.040 09022015-A	Item number:
Injection date: 3/21/2019 11:17:05 AM	Vial: 8
Method: ethanol quant.M	Sequence: 21Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1\Data\21Mar19\8.D	

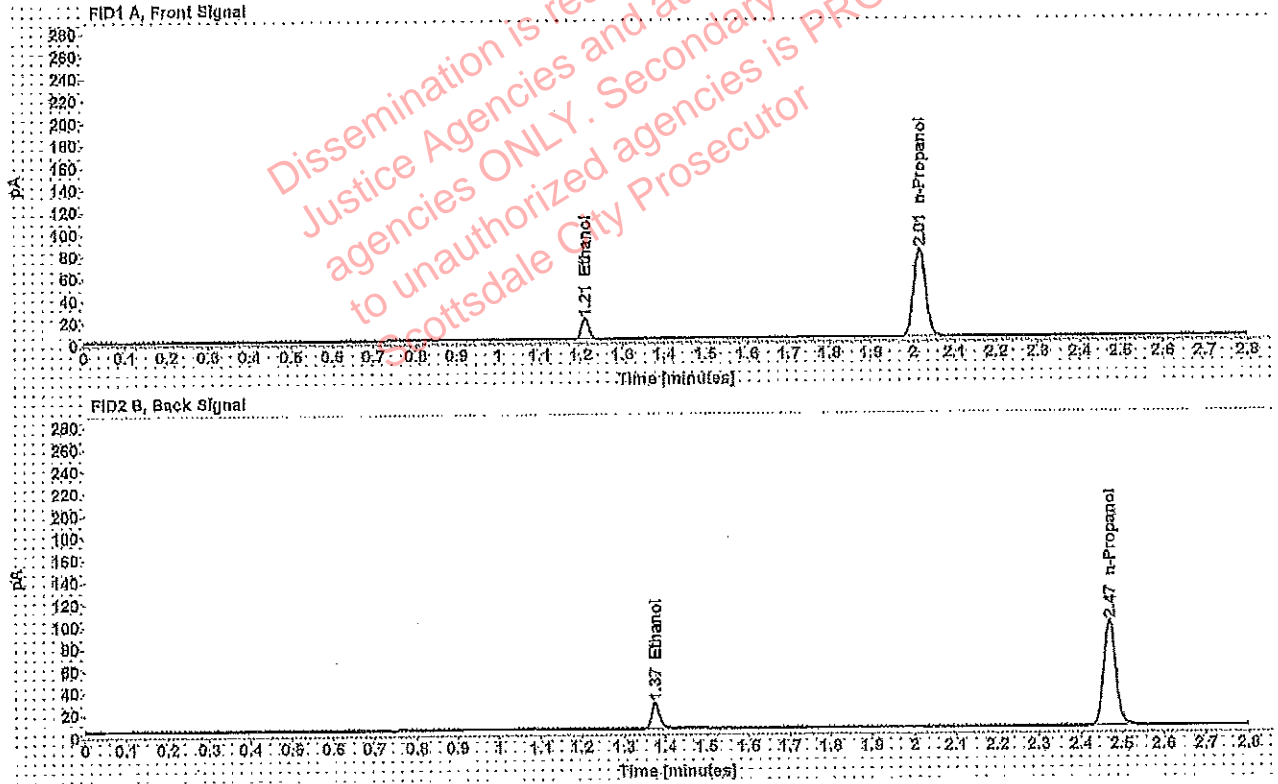


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0401	1.210	23.688
n-Propanol	-----	2.015	159.002

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

Compound	Time (min)	Peak Area
Ethanol	1.375	29.155
n-Propanol	2.470	193.969

Scottsdale Police Department Crime Lab Volatiles Analysis

WAG

Sample: 0.198 407041529/13	Item number:
Injection date: 3/21/2019 11:21:06 AM	Vial: 9
Method: ethanol quant.M	Sequence: 21Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\21Mar19\9.D	

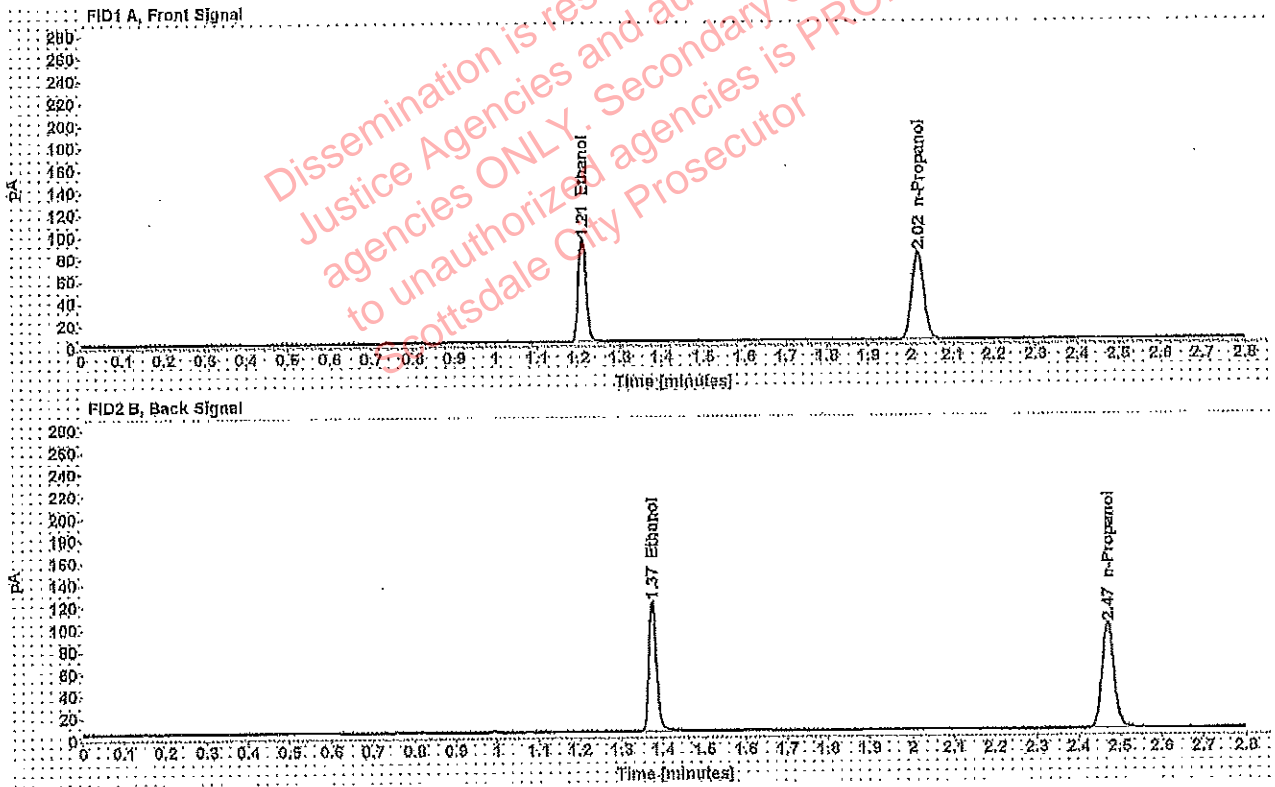


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1979	1.209	119.130
n-Propanol	-----	2.016	158.935

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

Compound	Time (min)	Peak Area
Ethanol	1.375	147.871
n-Propanol	2.471	193.817

Scottsdale Police Department Crime Lab Volatiles Analysis

KAA

Sample: 0.080 28082014-B	Item number:
Injection date: 3/21/2019 12:05:35 PM	Vial: 20
Method: ethanol quant.M	Sequence: 21Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\21Mar19\20.D	

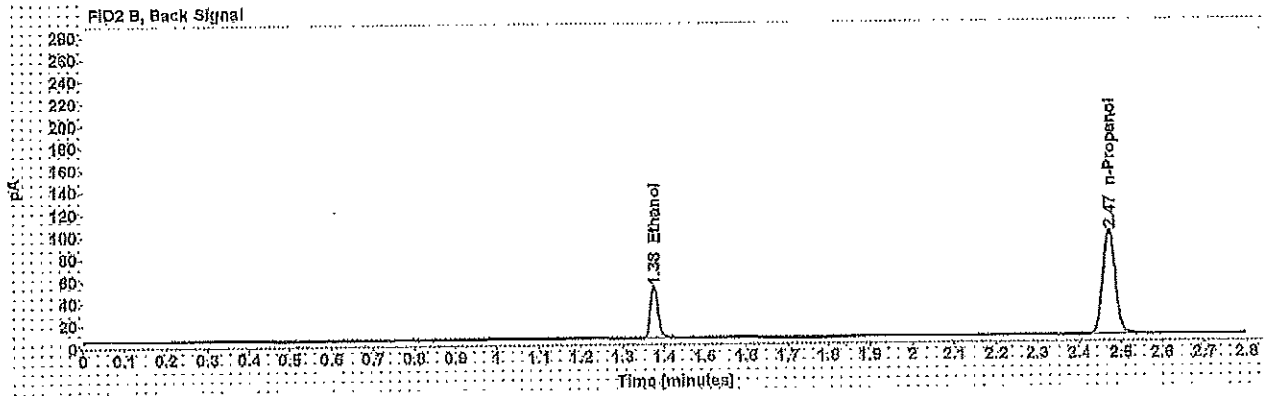
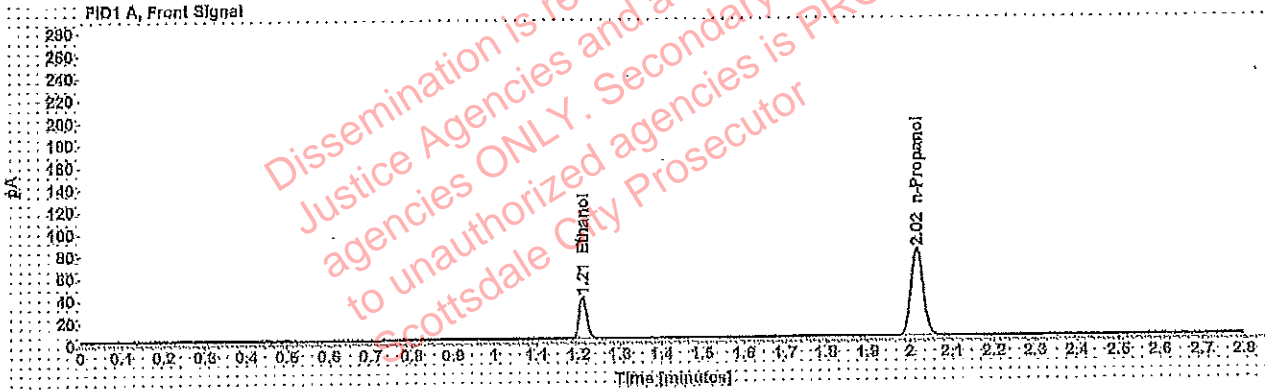


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0805	1.210	47.672
n-Propanol	-----	2.016	157.642

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

Compound	Time (min)	Peak Area
Ethanol	1.376	58.872
n-Propanol	2.471	192.174

Scottsdale Police Department Crime Lab Volatiles Analysis

NA

Sample: 0.150 09022015-C	Item number:
Injection date: 3/21/2019 12:50:04 PM	Vial: 31
Method: ethanol quant.M	Sequence: 21Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\21Mar19\31.D	

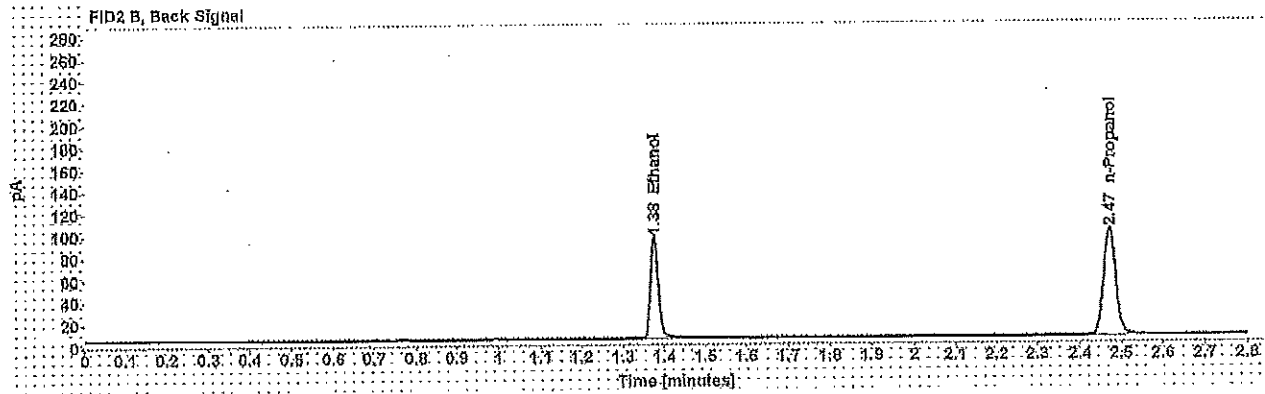
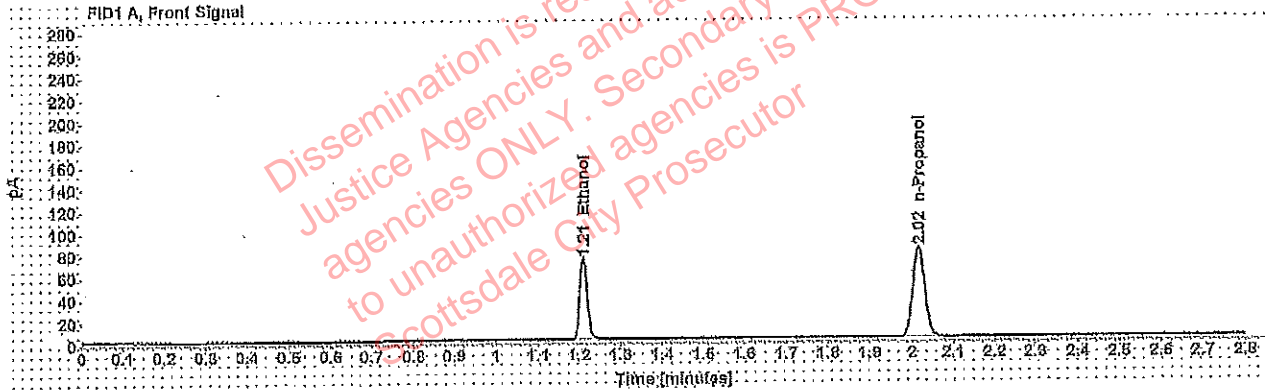


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1522	1.209	93.280
n-Propanol	-----	2.016	162.101

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

Compound	Time (min)	Peak Area
Ethanol	1.375	115.708
n-Propanol	2.471	197.883

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.198 407041629/13	Item number:
Injection date: 3/21/2019 1:34:20 PM	Vial: 42
Method: ethanol quant.M	Sequence: 21Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\21Mar19\42.D	

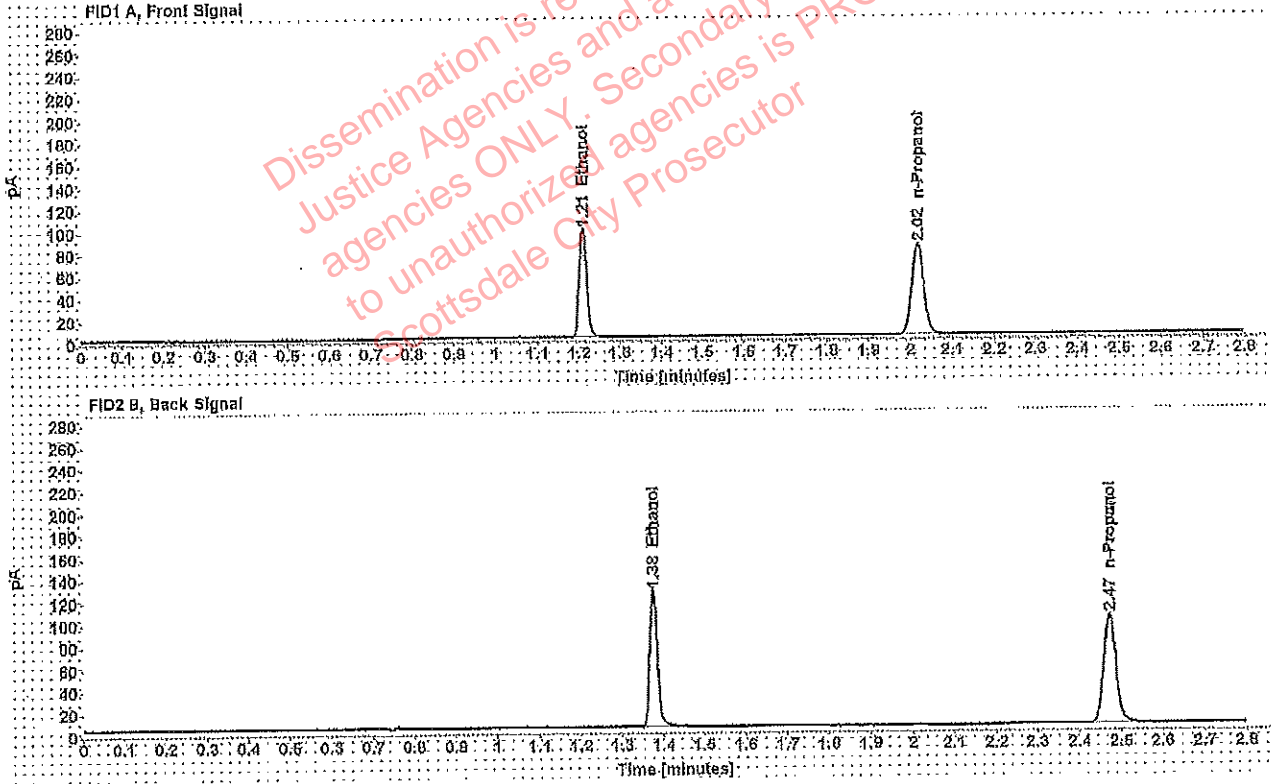


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1998	1.209	124.646
n-Propanol	-----	2.016	164.725

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

Compound	Time (min)	Peak Area
Ethanol	1.375	155.044
n-Propanol	2.471	201.439

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	0.080 28082014-B	Item number:	
Injection date:	3/21/2019 2:18:49 PM	Vial:	53
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\53.D		

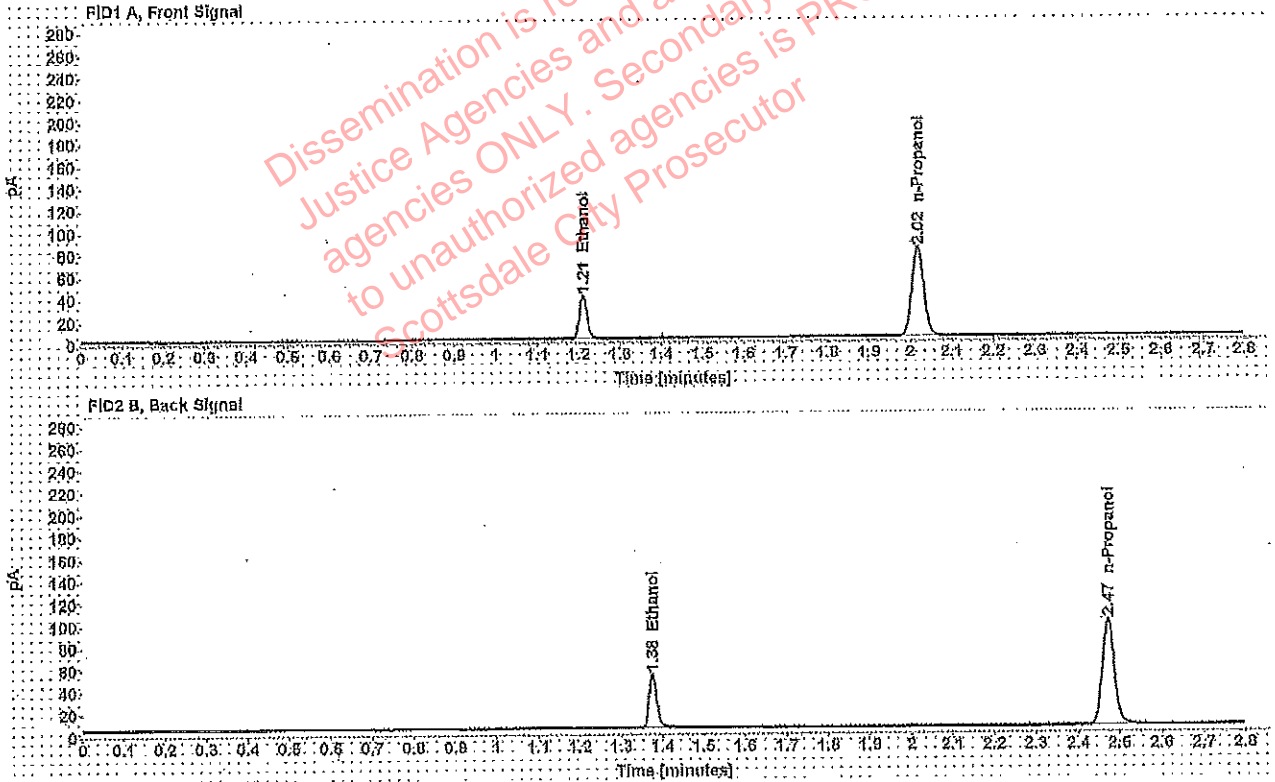


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0813	1.210	49.067
n-Propanol	-----	2.016	160.446

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

Compound	Time (min)	Peak Area
Ethanol	1.377	60.804
n-Propanol	2.472	196.004

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.40 08012015-C	Item number:
Injection date: 3/21/2019 2:31:05 PM	Vial: 56
Method: ethanol quant.M	Sequence: 21Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\21Mar19\56.D	

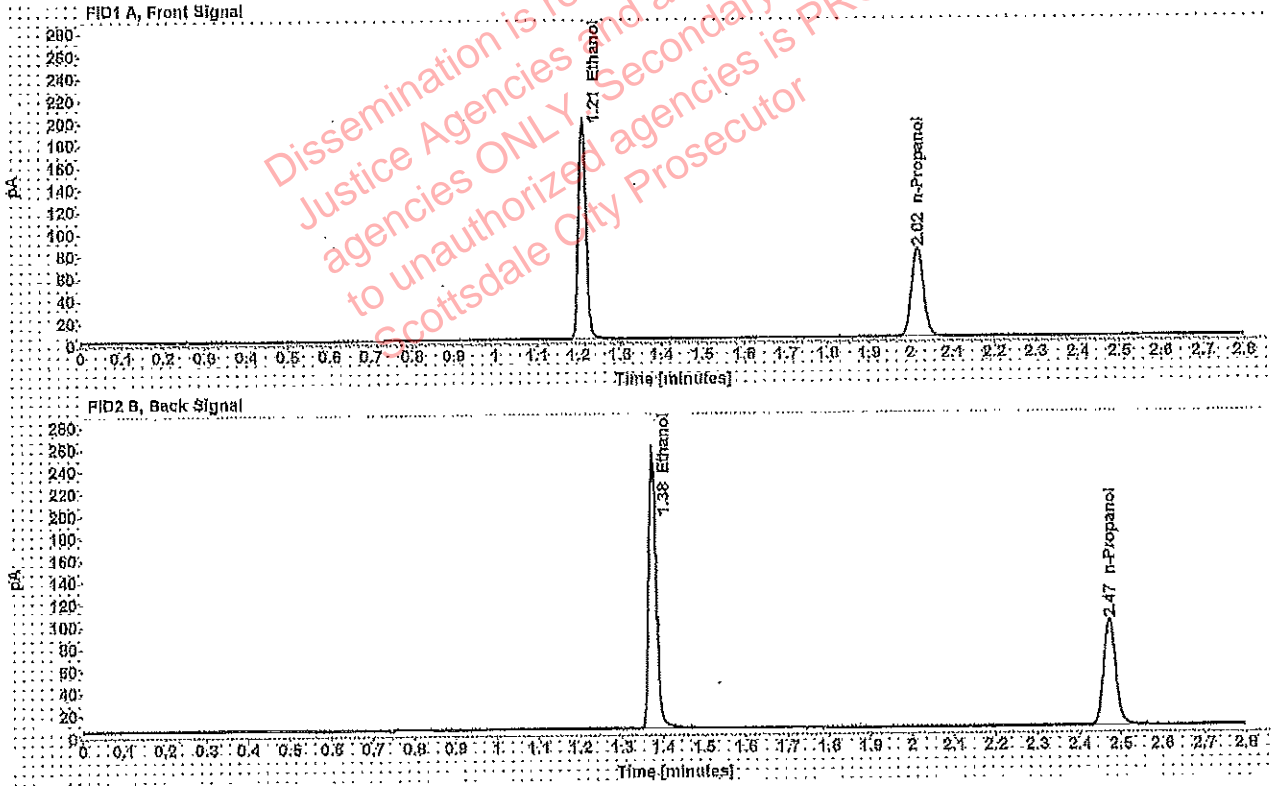


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4100	1.209	248.118
n-Propanol		2.016	159.373

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

Compound	Time (min)	Peak Area
Ethanol	1.375	309.999
n-Propanol	2.471	195.101

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.04 09022015-A	Item number:
Injection date: 3/21/2019 2:35:05 PM	Vial: 57
Method: ethanol quant.M	Sequence: 21Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\21Mar19\57.D	

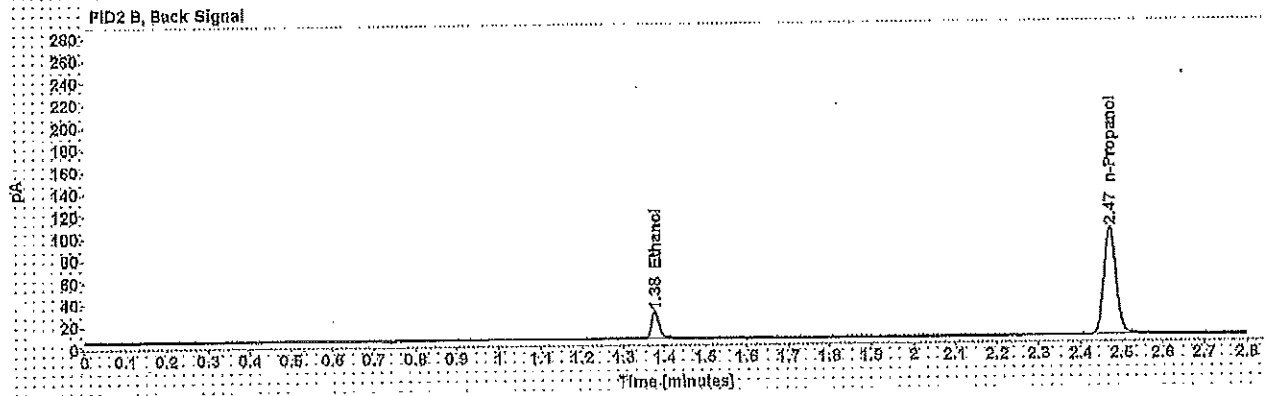
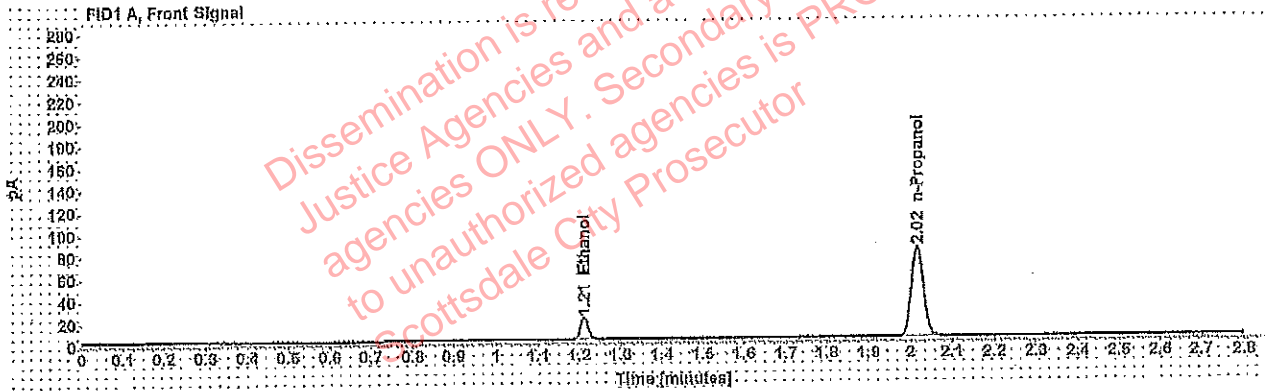


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0408	1.211	24.523
n-Propanol	-----	2.016	162.031

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

Compound	Time (min)	Peak Area
Ethanol	1.377	30.410
n-Propanol	2.471	197.920

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.198 407041529/13	Item number: WA
Injection date: 3/21/2019 2:39:05 PM	Vial: 58
Method: ethanol quant.M	Sequence: 21Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\21Mar19\58.D	

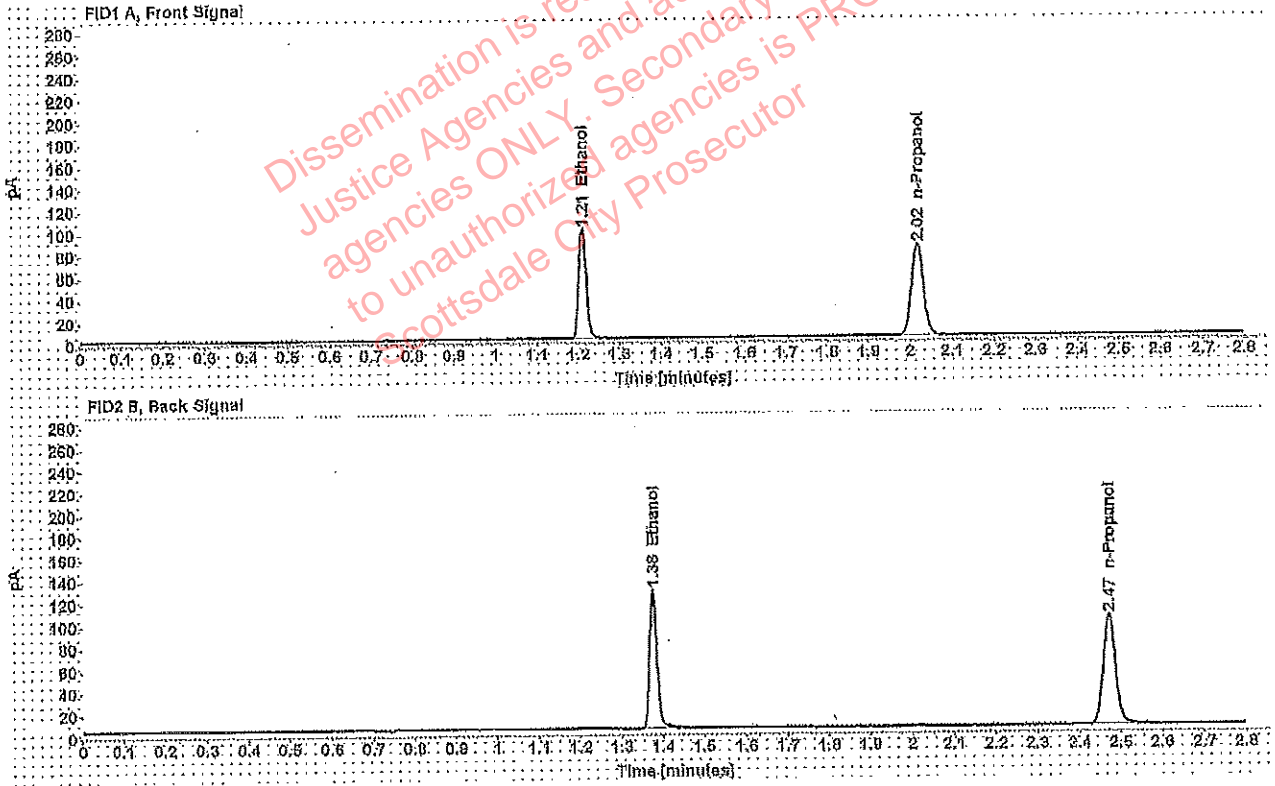


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2010	1.209	126.113
n-Propanol	-----	2.016	165.685

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

Compound	Time (min)	Peak Area
Ethanol	1.376	156.944
n-Propanol	2.471	202.670

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: blank 121118	Item number:
Injection date: 3/21/2019 2:43:06 PM	Vial: 59
Method: ethanol quant.M	Sequence: 21Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\21Mar19\59.D	

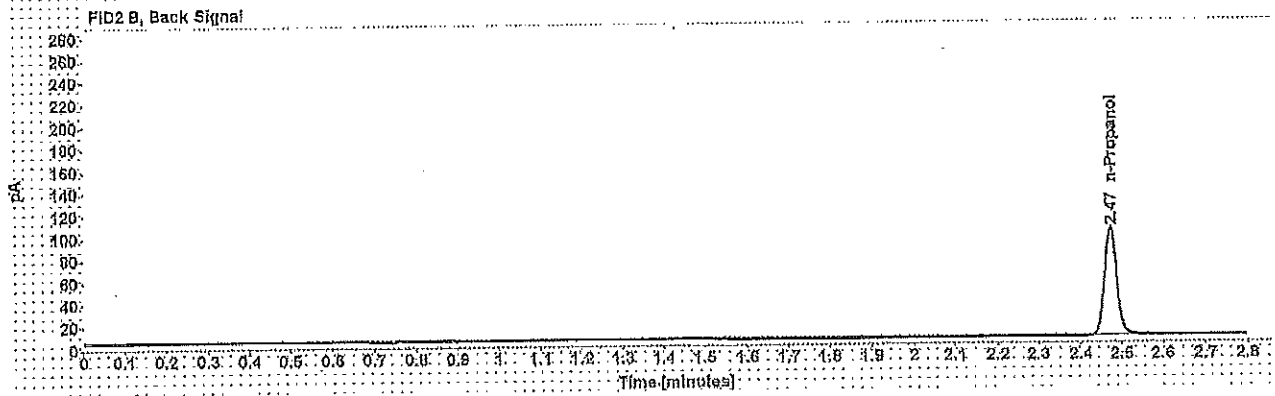
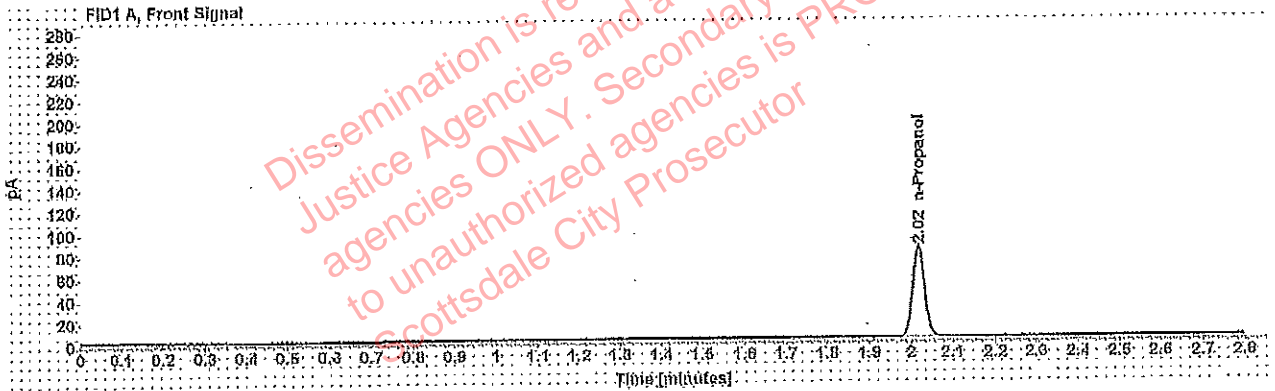


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	163.262

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

Compound	Time (min)	Peak Area
n-Propanol	2.472	199.417

Sequence Summary

WA

Sequence name: 21Mar19 Instrument: US14173023 CN14160045 Analyst: Adrian

Vial	Sample	Type	Item Number	Method
1	0.020 FN03241604	Calibration		ethanol quant.M
2	0.100 FN06181601	Calibration		ethanol quant.M
3	0.200 FN07201602	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	1238172	ethanol quant.M
11		Sample	1238172	ethanol quant.M
12		Sample	1255755	ethanol quant.M
13		Sample	1255755	ethanol quant.M
14		Sample	1258588	ethanol quant.M
15		Sample	1258588	ethanol quant.M
16		Sample	1259775	ethanol quant.M
17		Sample	1259775	ethanol quant.M
18		Sample	1238421	ethanol quant.M
19		Sample	1238421	ethanol quant.M
20	0.080 28082014-B	Control		ethanol quant.M
21		Sample	1258602	ethanol quant.M
22		Sample	1258602	ethanol quant.M
23		Sample	1236283	ethanol quant.M
24		Sample	1236283	ethanol quant.M
25		Sample	1230683	ethanol quant.M
26		Sample	1230683	ethanol quant.M
27		Sample	1255749	ethanol quant.M
28		Sample	1255749	ethanol quant.M
29		Sample	1260914	ethanol quant.M
30		Sample	1260914	ethanol quant.M
31	0.150 09022015-C	Control		ethanol quant.M
32		Sample	1257620	ethanol quant.M
33		Sample	1257629	ethanol quant.M
34		Sample	1269626	ethanol quant.M
35		Sample	1259626	ethanol quant.M
36		Sample	1261548	ethanol quant.M
37		Sample	1261548	ethanol quant.M
38		Sample	1257258	ethanol quant.M
39		Sample	1257258	ethanol quant.M
40		Sample	346-01A	ethanol quant.M
41		Sample	346-01A	ethanol quant.M
42	0.198 407041529/13	Control		ethanol quant.M
43		Sample	349-1A	ethanol quant.M
44		Sample	349-1A	ethanol quant.M
45		Sample	339-01A	ethanol quant.M
46		Sample	339-01A	ethanol quant.M
47		Sample	1260875	ethanol quant.M

Sequence Summary

21 Mar 19 WA B1570
3/21/19

Page 2 of 2

48		Sample	1260875	ethanol quant.M
49		Sample	1261044	ethanol quant.M
50		Sample	1261044	ethanol quant.M
51		Sample	1231705	ethanol quant.M
52		Sample	1231705	ethanol quant.M
53	0.080 28082014-B	Control		ethanol quant.M
54		Sample	1233841	ethanol quant.M
55		Sample	1233841	ethanol quant.M
56	0.40 08012015-C	Control		ethanol quant.M
57	0.04 09022015-A	Control		ethanol quant.M
58	0.198 407041529/13	Control		ethanol quant.M
59	blank 121118	Control		ethanol quant.M

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

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 21Mar19

ANALYST: Adrian vA

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1397	0.1394	0.13955	0.11	0.00015
12 13	0.1243	0.1254	0.12485	0.44	0.00055
14 15	0.0690	0.0690	0.06900	0.00	0.00000
16 17	0.2854	0.2869	0.28615	0.26	0.00075
18 19	0.1099	0.1111	0.11050	0.54	0.00060
21 22	0.0795	0.0796	0.07955	0.06	0.00005
23 24	0.1790	0.1801	0.17955	0.31	0.00055
25 26	0.1883	0.1885	0.18840	0.05	0.00010
27 28	0.2121	0.2121	0.21210	0.00	0.00000
29 30	0.1934	0.1933	0.19335	0.03	0.00005
32 33	0.1880	0.1861	0.18705	0.51	0.00095
34 35	0.2042	0.2043	0.20425	0.02	0.00005
36 37	0.1913	0.1908	0.19105	0.13	0.00025
38 39	0.0945	0.0946	0.09455	0.05	0.00005
40 41	0.1781	0.1803	0.17920	0.61	0.00110
43 44	0.2196	0.2194	0.21950	0.05	0.00010
46 46	0.2144	0.2150	0.21470	0.14	0.00030
47 48	0.0662	0.0658	0.06600	0.30	0.00020
49 50	0.0000	0.0000	0.00000	0.00	0.00000
51 52	0.1506	0.1497	0.15015	0.30	0.00045
54 55	0.1144	0.1172	0.11580	1.21	0.00140

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1238172
Injection date:	3/21/2019 11:25:04 AM	Vial:	10
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\21Mar19\10.D		

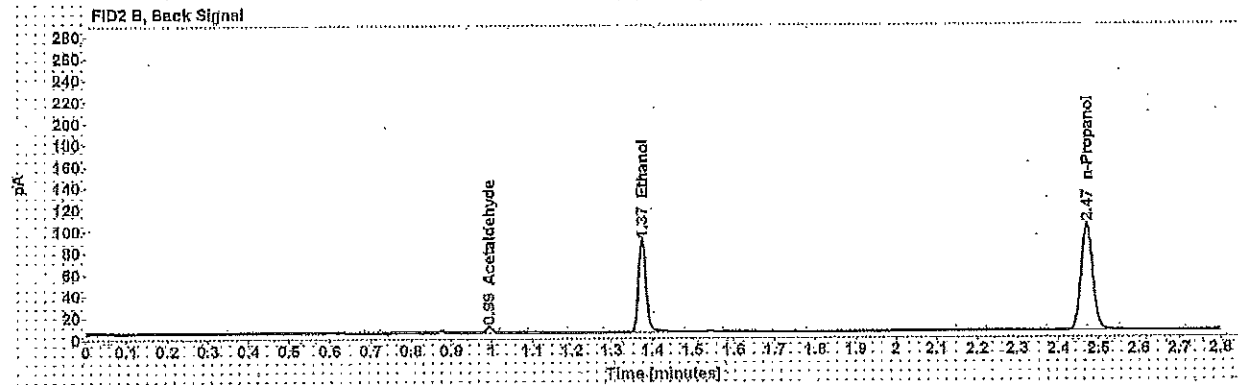
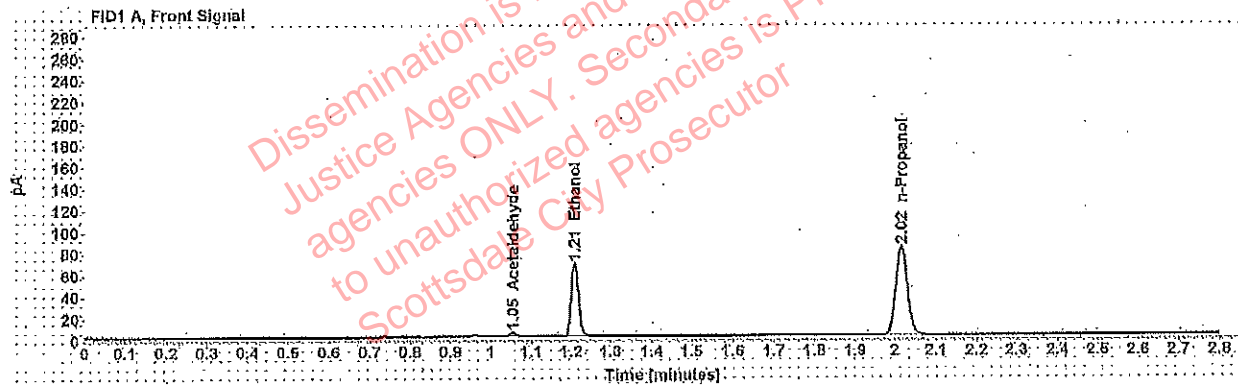


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.178
>Ethanol	0.1397	1.209	87.141
n-Propanol	-----	2.015	165.084

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	5.414
Ethanol	1.375	108.058
n-Propanol	2.470	201.514

Adrian, William - (21-Mar-2019)

Case: User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Item number:	1238172
Injection date:	3/21/2019 11:29:05 AM	Vial:	11
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\Data\21Mar19\11.D		

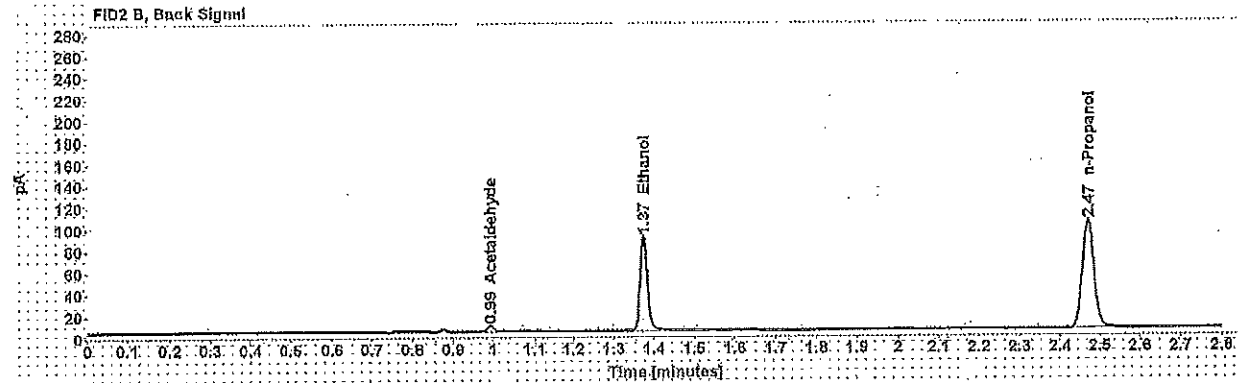
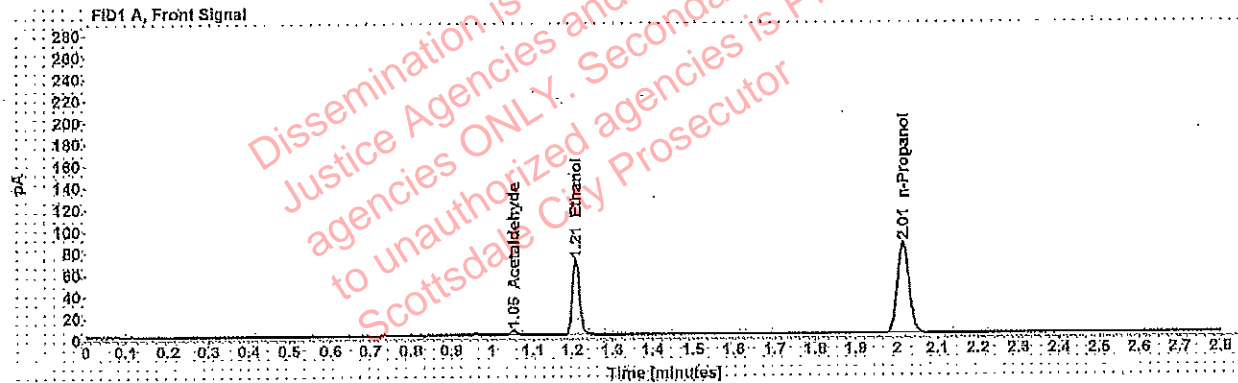


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.054	4318
>Ethanol	0.1394	1.209	88,494
n-Propanol	-----	2.015	167,960

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5,649
Ethanol	1.374	109,643
n-Propanol	2.470	204,920

Adrian, William - (20-Mar-2019)

Adrian, William - (18-Mar-2019)

Case: User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Item number:	1255755
Injection date:	3/14/2019 9:35:18 PM	Vial:	65
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023-CN14100045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\14Mar19\65.D		

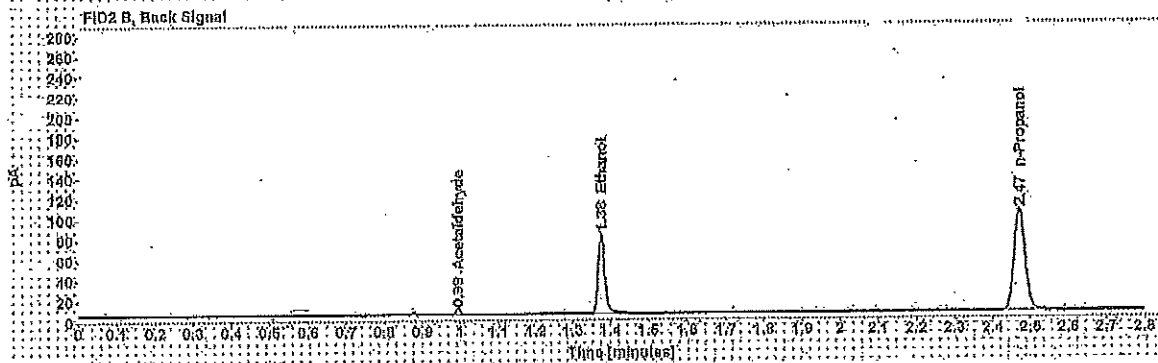
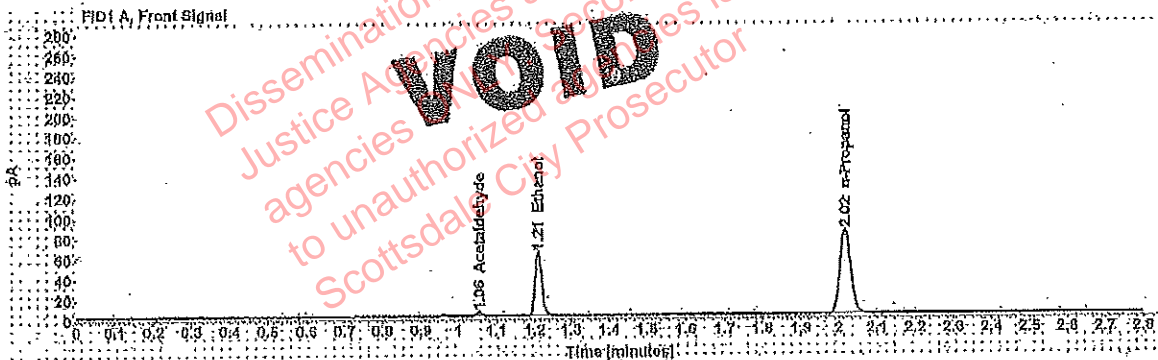


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	0.0000	1.055	4.091
>Ethanol	0.1272	1.210	80.912
n-Propanol	0.0000	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	99.306
n-Propanol	2.471	205.369

Adrian, William - (20-Mar-2019)

Adrian, William - (18-Mar-2019)

Case User: wadrian 3/18/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Item number:	1256755
Injection date:	3/14/2019 9:39:21 PM	Vial:	66
Method:	ethanol quant.M	Sequence:	14Mar19
Instrument:	US14173023 CN14180045	Analyst:	Adrian
Data file:	C:\Chem321\Data\14Mar19\66.D		

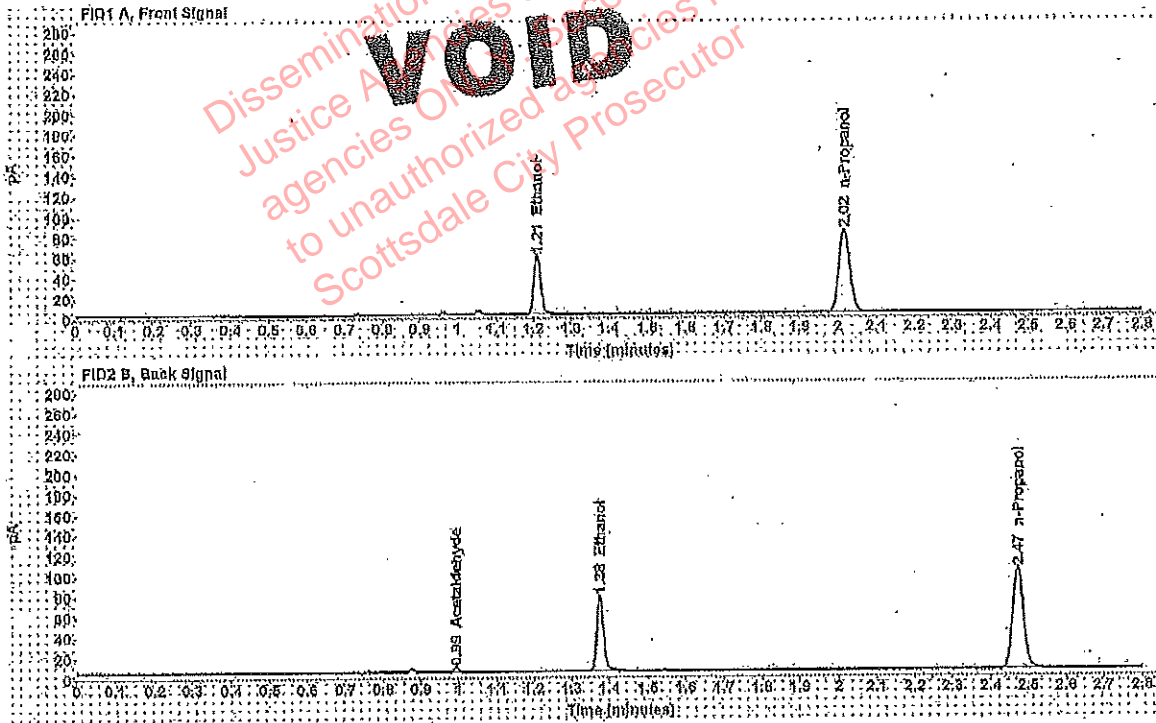


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1212	1.210	75.215
n-Propanol	*****	2.018	164.262

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.448
Ethanol	1.375	93.300
n-Propanol	2.471	201.784

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1255755
Injection date:	3/21/2019 11:33:05 AM	Vial:	12
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\12.D		

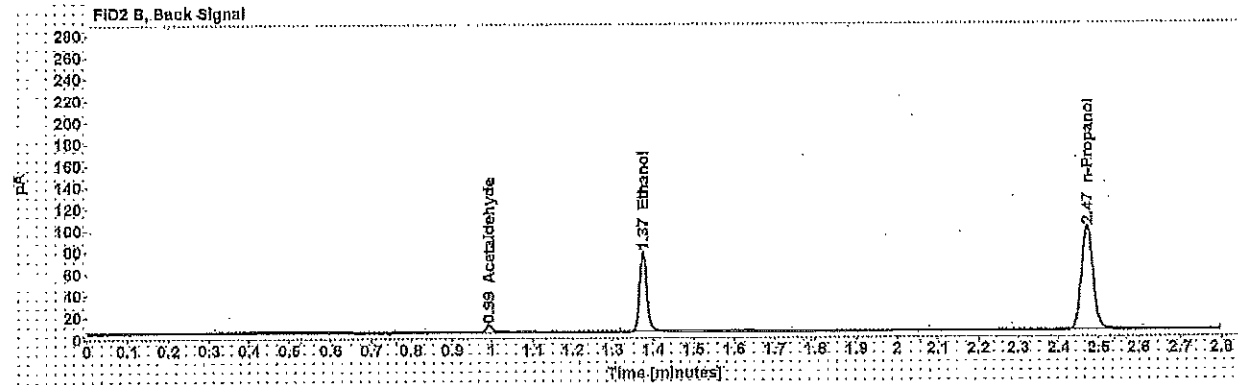
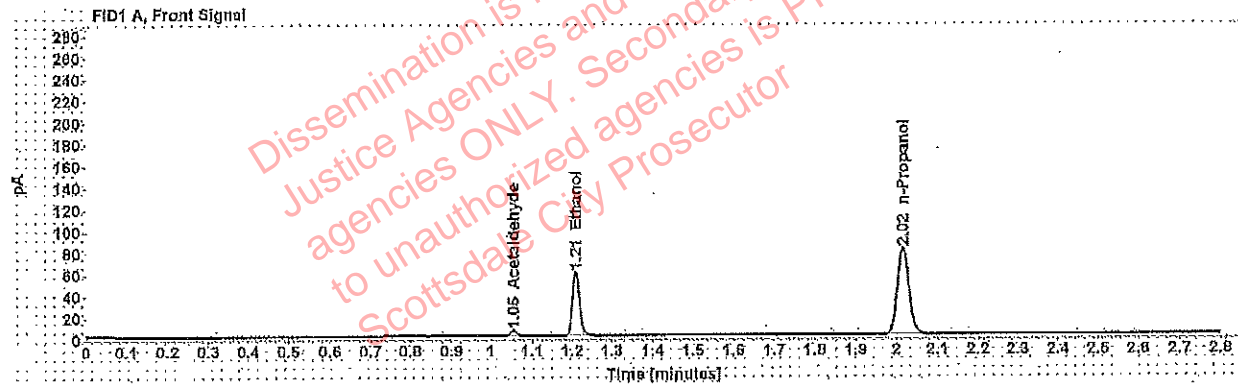


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.031
>Ethanol	0.1243	1.209	75.219
n-Propanol	-----	2.015	160.270

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	6.482
Ethanol	1.375	92.230
n-Propanol	2.470	195.076

Adrian, William - (21-Mar-2019)

Case: [REDACTED] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1255755
Injection date:	3/21/2019 11:37:20 AM	Vial:	13
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\13.D		

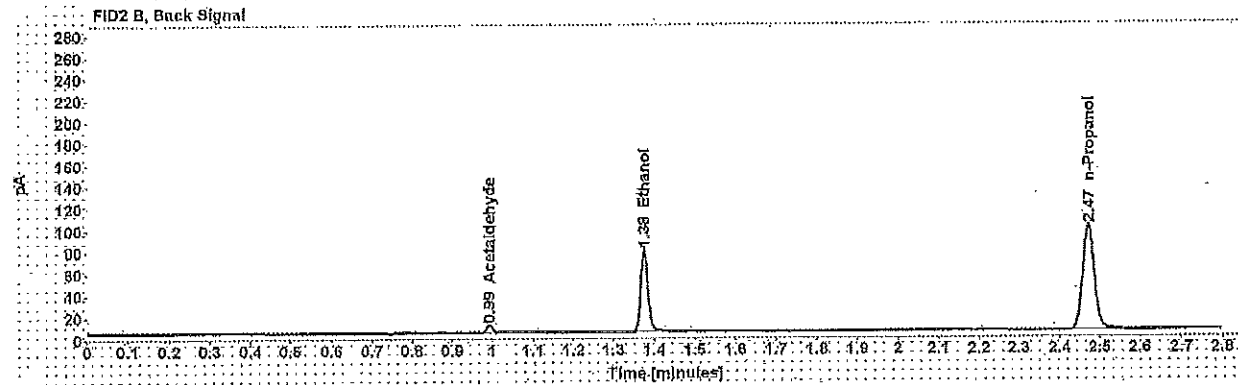
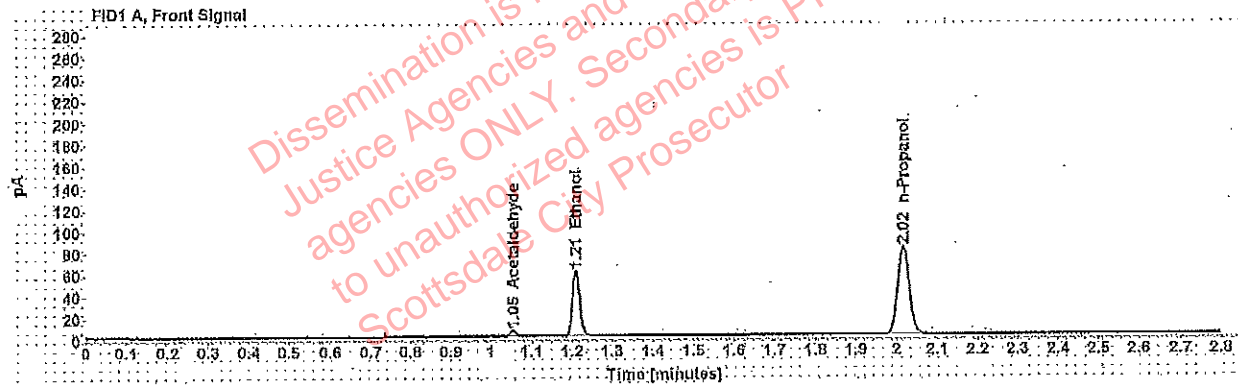


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.365
↳Ethanol	0.1254	1.209	76.772
n-Propanol	-----	2.016	162.131

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.929
Ethanol	1.375	94.285
n-Propanol	2.471	197.219

Adrian, William - (21-Mar-2019)

Case: [redacted] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Item number:	1258588
Injection date:	3/21/2019 11:41:19 AM	Vial:	14
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\Data\21Mar19\14.D		

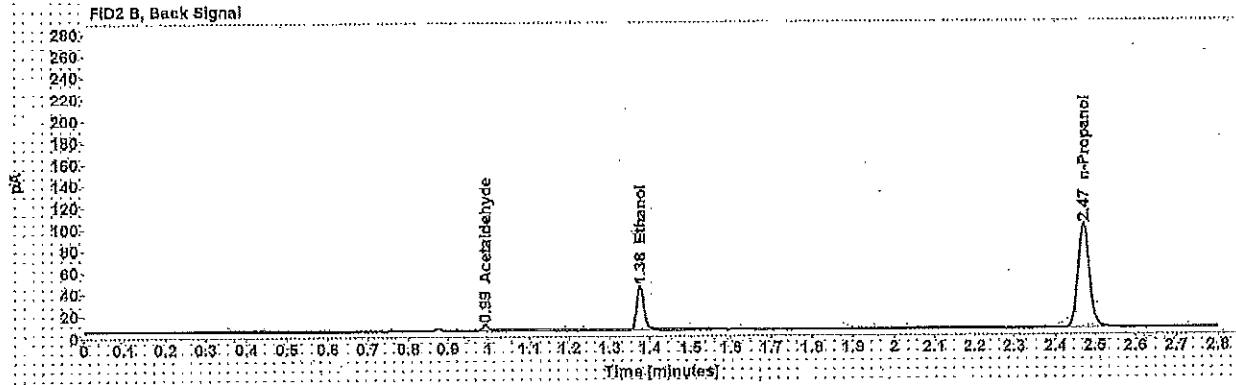
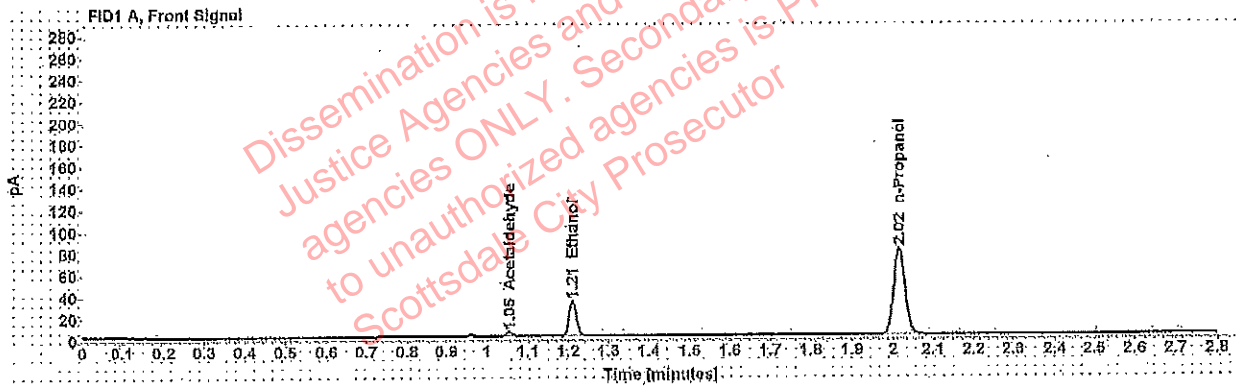


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.175
>Ethanol	0.0690	1.210	41.546
n-Propanol	-----	2.015	160.603

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	5.418
Ethanol	1.375	50.963
n-Propanol	2.470	196.306

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1258588
Injection date:	3/21/2019 11:45:20 AM	Vial:	15
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\15.D		

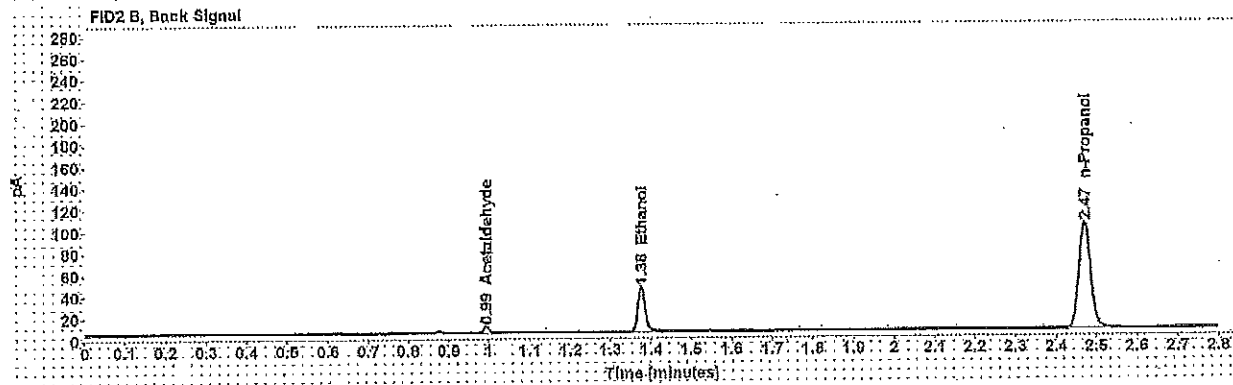
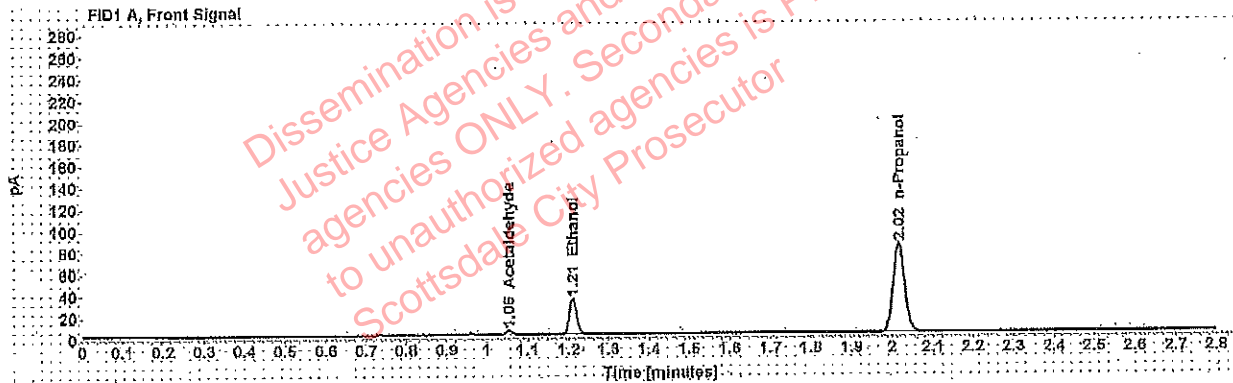


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.166
>Ethanol	0.0690	1.210	42.626
n-Propanol	-----	2.016	164.761

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.468
Ethanol	1.376	52.471
n-Propanol	2.471	201.265

Adrian, William * (21-Mar-2019)

Case: [REDACTED] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1259775
Injection date:	3/21/2019 11:49:19 AM	Vial:	16
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\16.D		

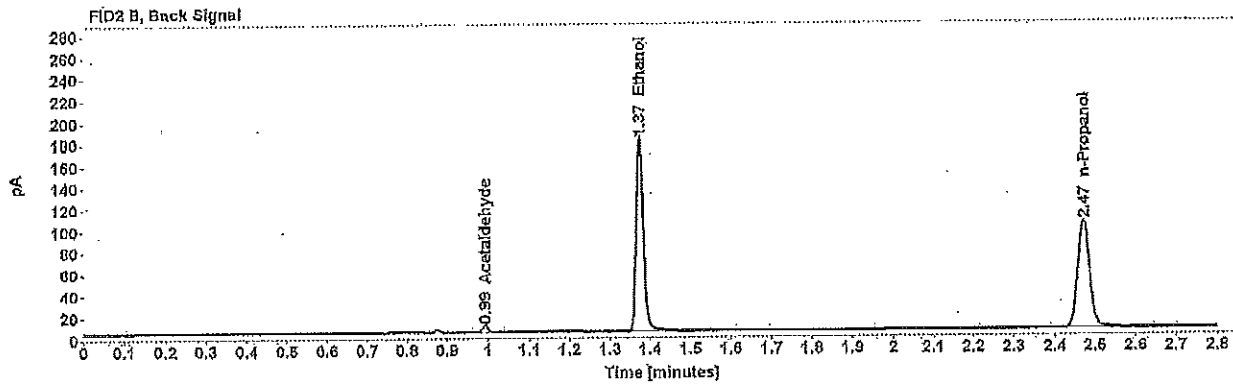
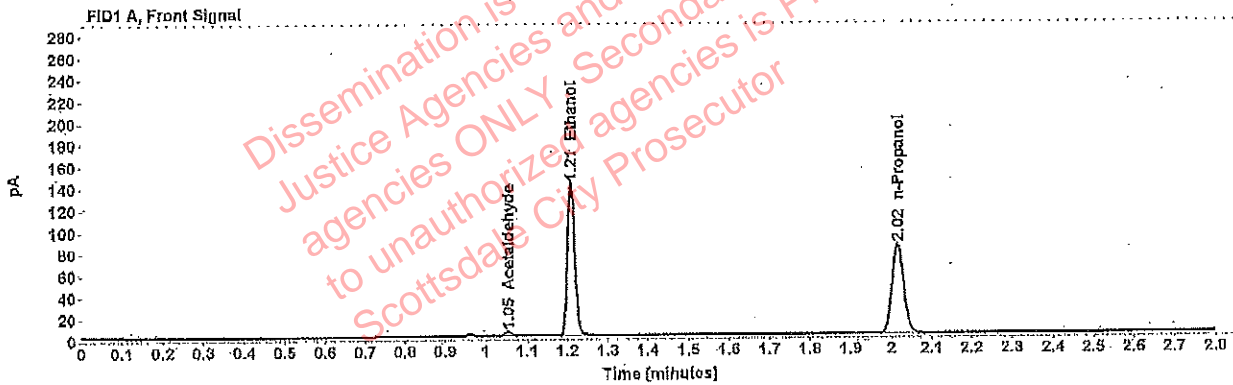


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.364
>Ethanol	0.2854	1.209	179.574
n-Propanol	-----	2.016	165.873

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.708
Ethanol	1.375	222.442
n-Propanol	2.471	201.872

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1259775
Injection date:	3/21/2019 11:53:21 AM	Vial:	17
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\17.D		

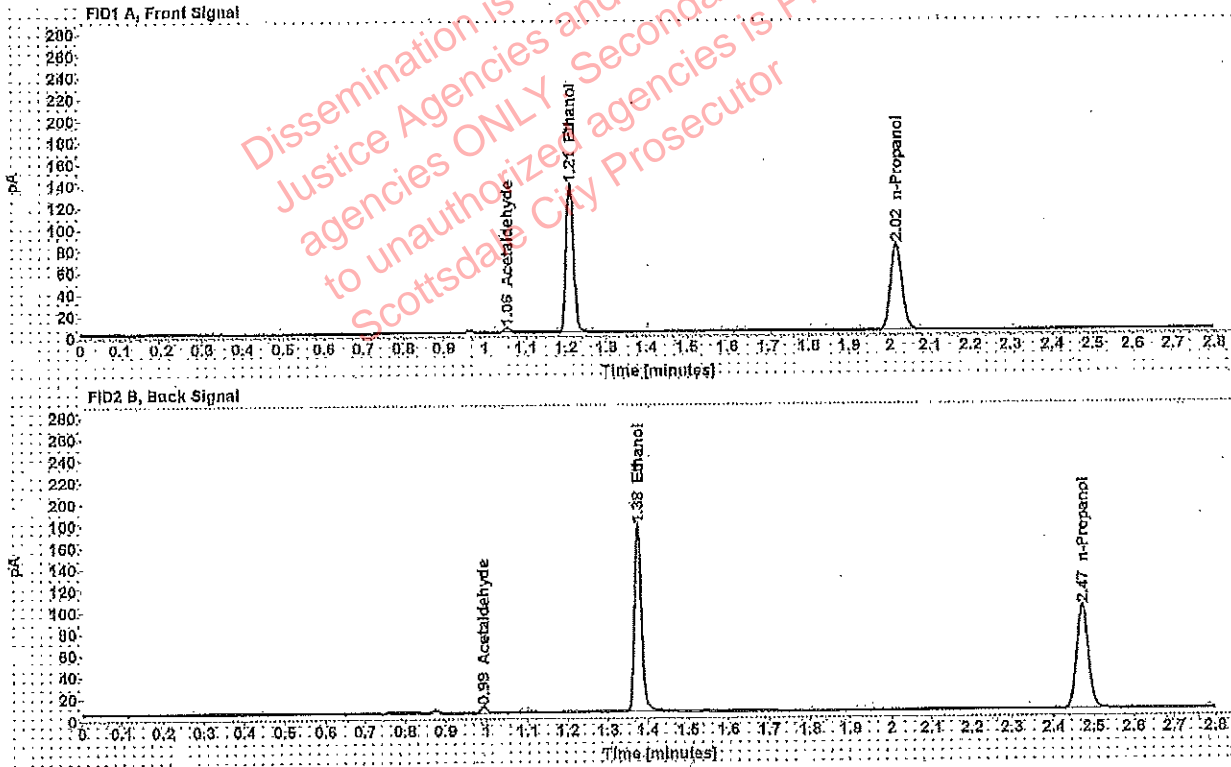


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.366
>Ethanol	0.2869	1.209	174.216
n-Propanol	-----	2.016	160.120

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.716
Ethanol	1.375	216.315
n-Propanol	2.471	194.796

: Adrian, William - (21-Mar-2019)

Case: User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Item number:	1238421
Injection date:	3/21/2019 11:57:22 AM	Vial:	18
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\18.D		

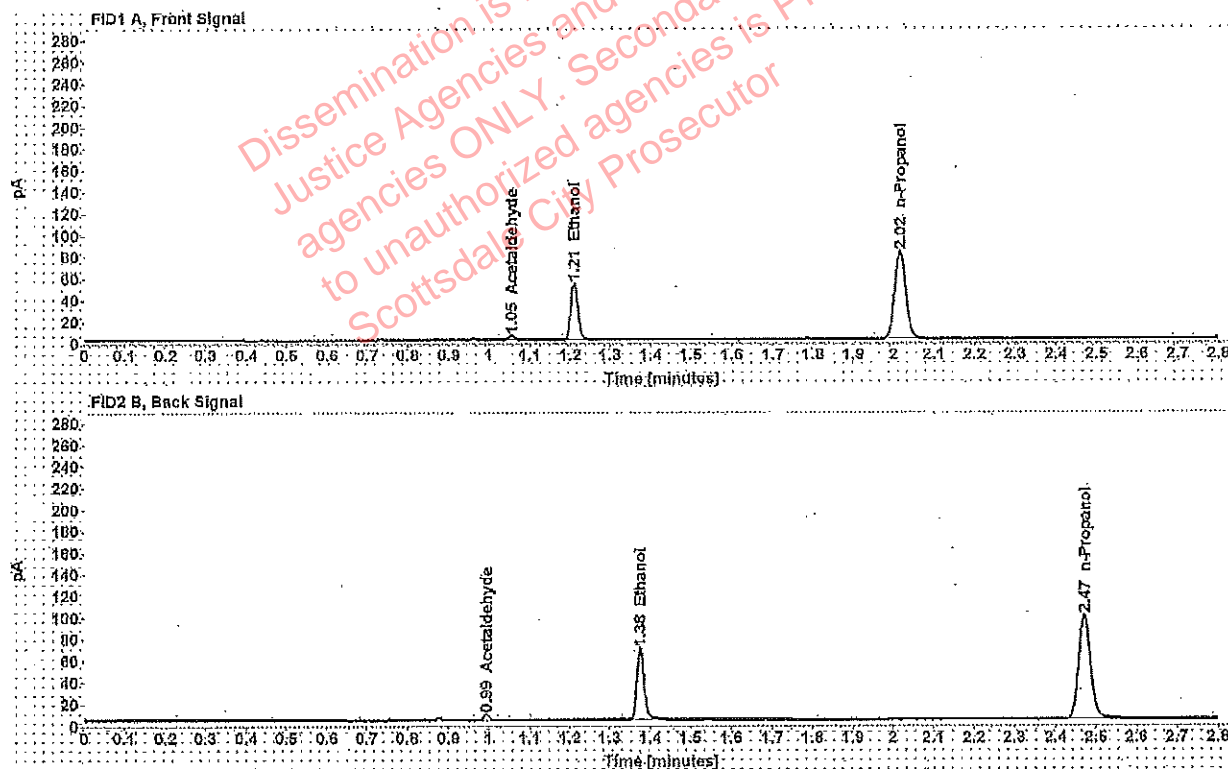


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.941
>Ethanol	0.1099	1.210	67.045
n-Propanol	-----	2.016	161.730

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.119
Ethanol	1.375	82.511
n-Propanol	2.471	197.709

██████████: Adrian, William - (21-Mar-2019)

Case: ██████████ User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	██████████	Item number:	1238421
Injection date:	3/21/2019 12:01:35 PM	Vial:	19
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\1\Data\21Mar19\19.D		

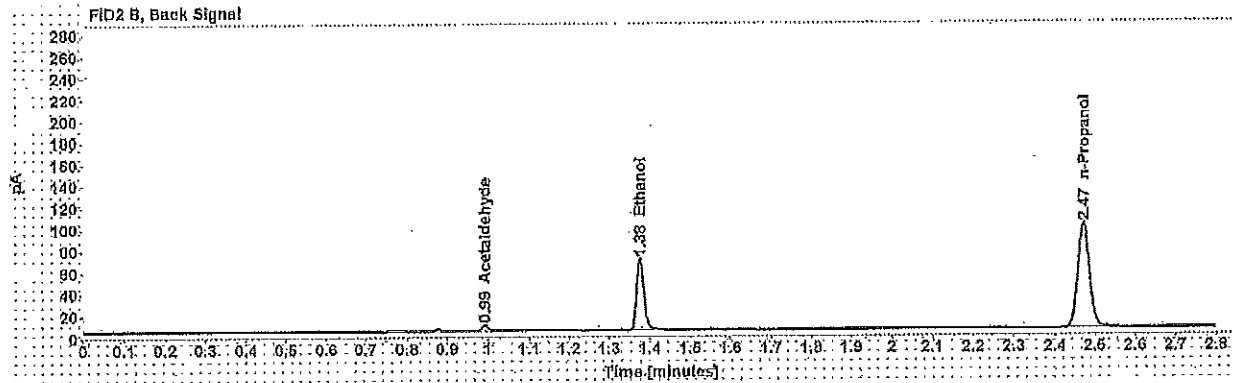
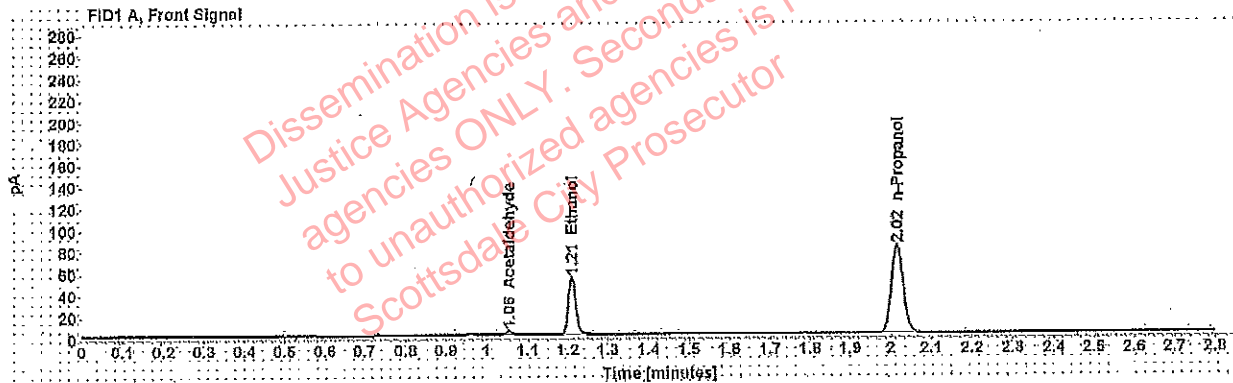


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.048
>Ethanol	0.1111	1.210	67.857
n-Propanol	-----	2.018	161.895

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.295
Ethanol	1.376	83.205
n-Propanol	2.471	197.450

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1258602
Injection date:	3/21/2019 12:09:34 PM	Vial:	21
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14180045	Analyst:	Adrian
Data file:	C:\Chem321\1\Data\21Mar19\21.D		

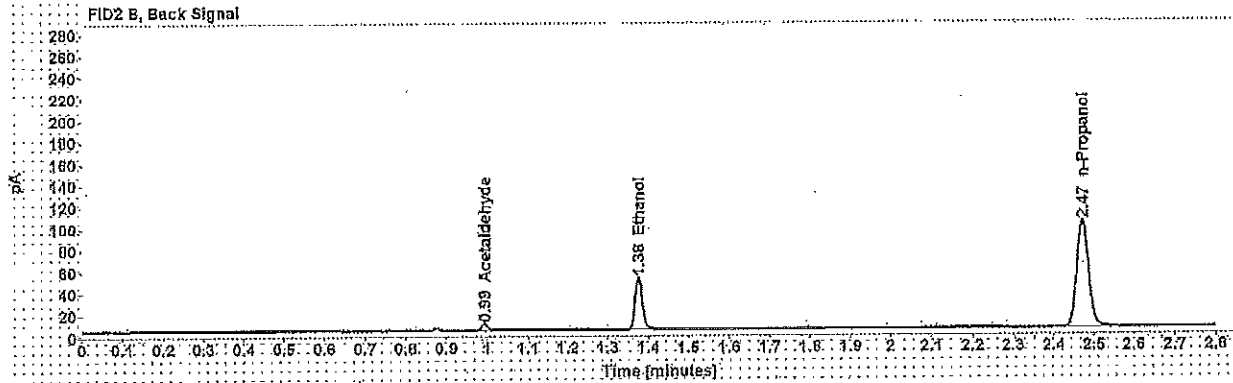
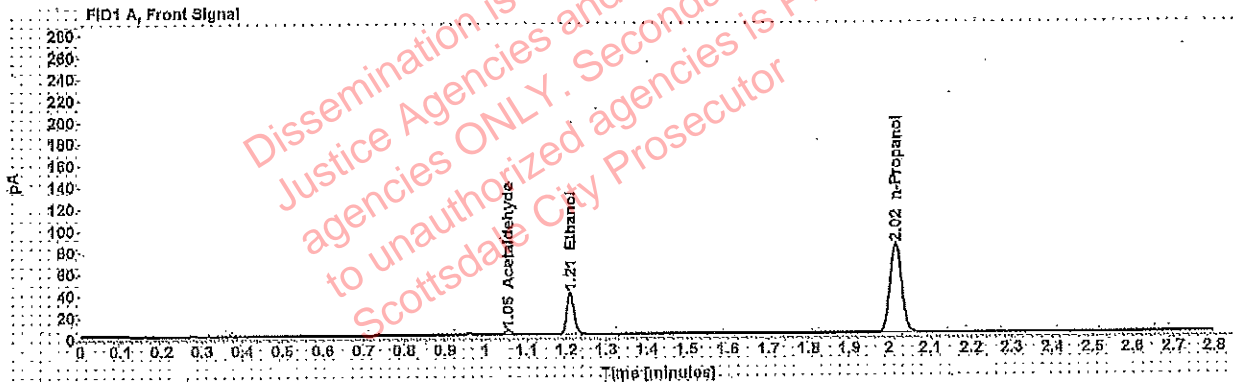


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.376
>Ethanol	0.0795	1.210	49.118
n-Propanol	-----	2.016	164.369

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.707
Ethanol	1.376	60.219
n-Propanol	2.471	200.244

Adrian, William - (21-Mar-2019)

Case: User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Item number:	1258602
Injection date:	3/21/2019 12:13:35 PM	Vial:	22
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\Data\21Mar19\22.D		

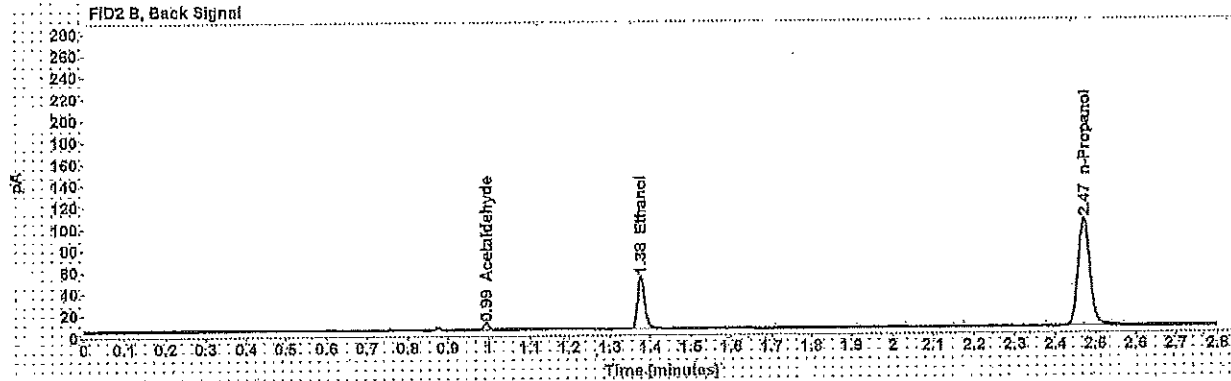
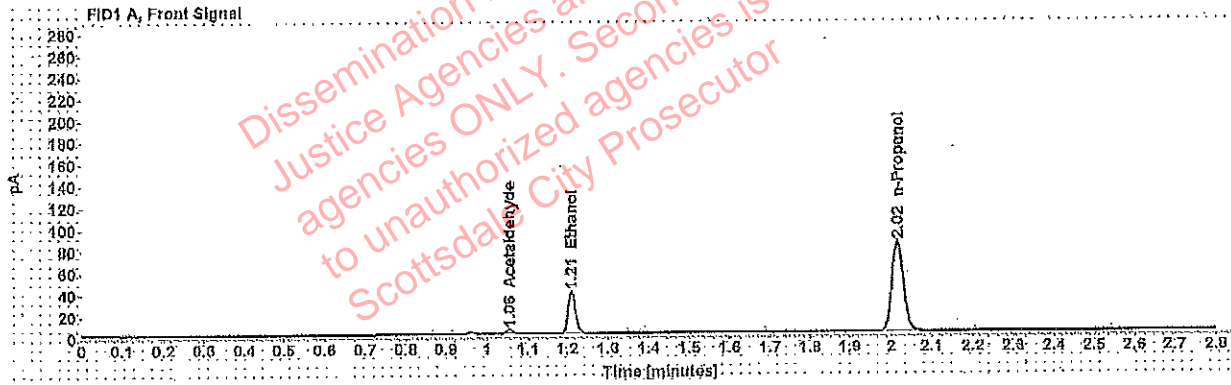


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.218
>Ethanol	0.0796	1.210	49.926
n-Propanol	-----	2.016	166.875

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.540
Ethanol	1.376	61.105
n-Propanol	2.471	203.029

Adrian, William - (21-Mar-2019)

Case: [REDACTED] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1236283
Injection date:	3/21/2019 12:17:34 PM	Vial:	28
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\21Mar19\23.D		

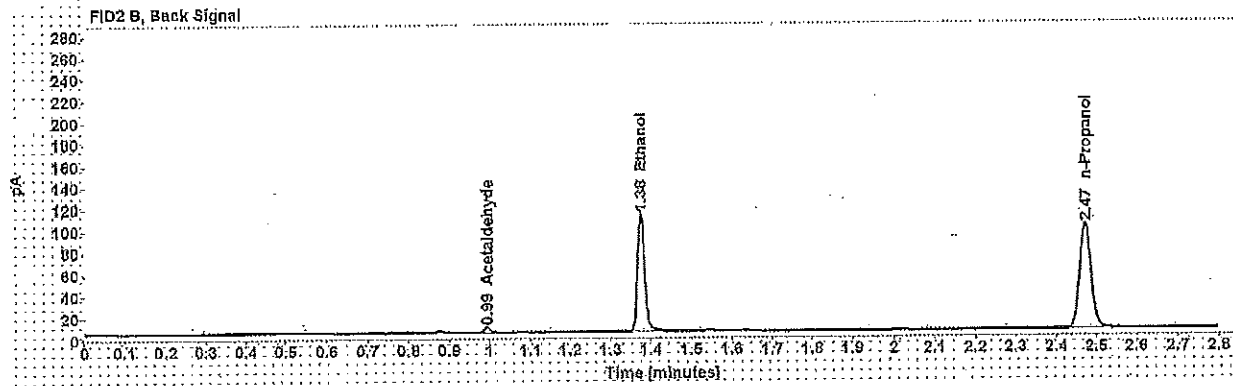
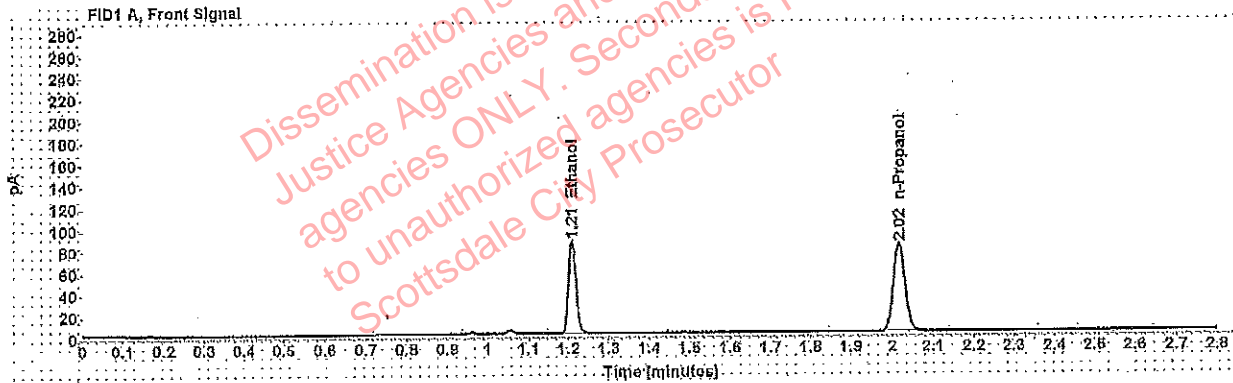


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1790	1.209	110.167
n-Propanol	-----	2.016	162.575

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.439
Ethanol	1.375	136.977
n-Propanol	2.471	198.635

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1236283
Injection date:	3/21/2019 12:21:34 PM	Vial:	24
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\Data\21Mar19\24.D		

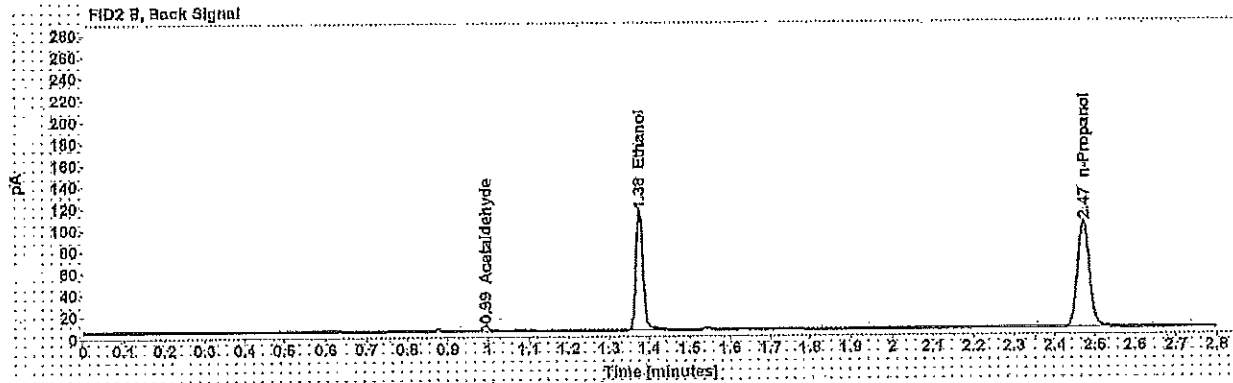
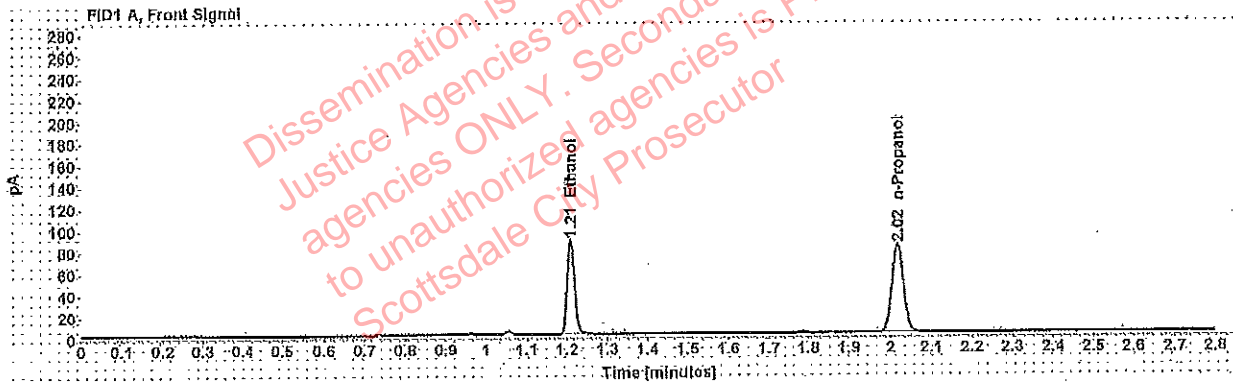


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1801	1.209	111.849
n-Propanol		2.016	164.087

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.537
Ethanol	1.375	138.721
n-Propanol	2.471	200.451

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Item number:	1230683
Injection date:	3/21/2019 12:25:49 PM	Vial:	25
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\25.D		

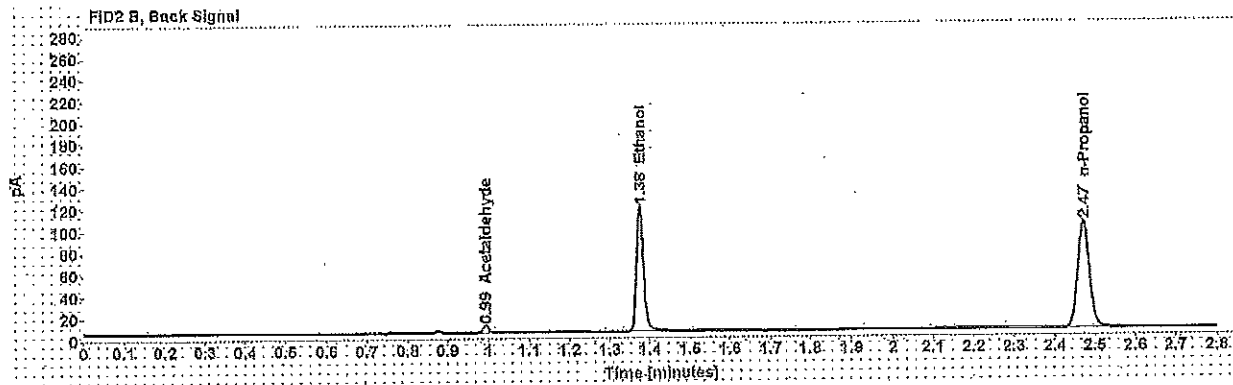
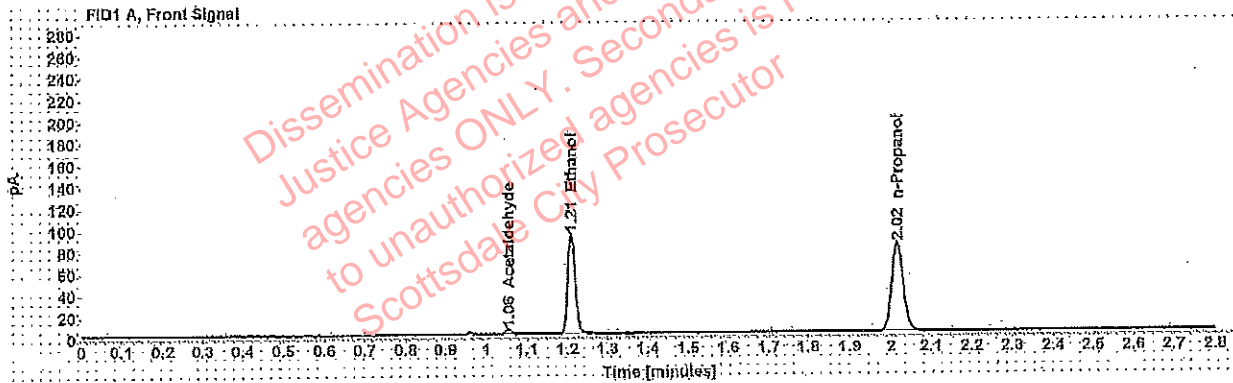


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.536
>Ethanol	0.1883	1.209	117.354
n-Propanol	-----	2.016	164.612

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.937
Ethanol	1.375	145.259
n-Propanol	2.471	201.225

Adrian, William - (21-Mar-2019)

Case: [redacted] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Item number:	1230683
Injection date:	3/21/2019 12:29:50 PM	Vial:	26
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\21Mar19\26.D		

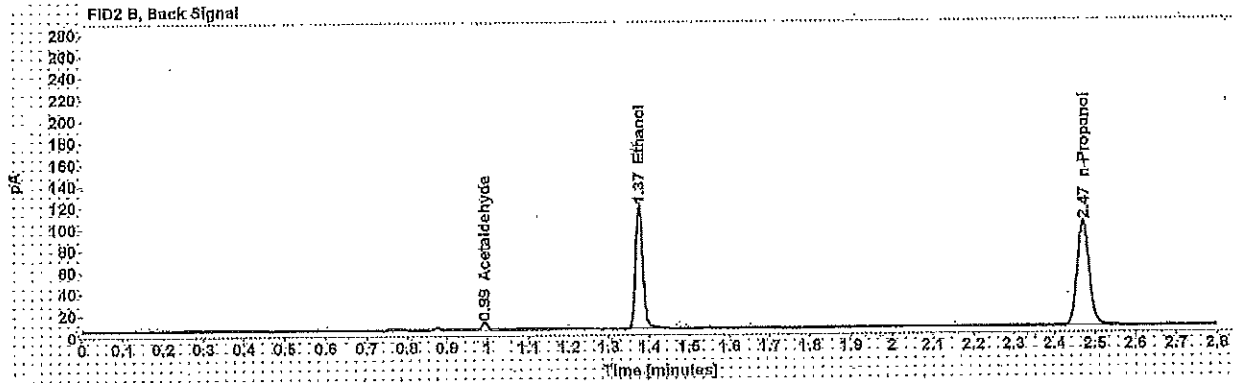
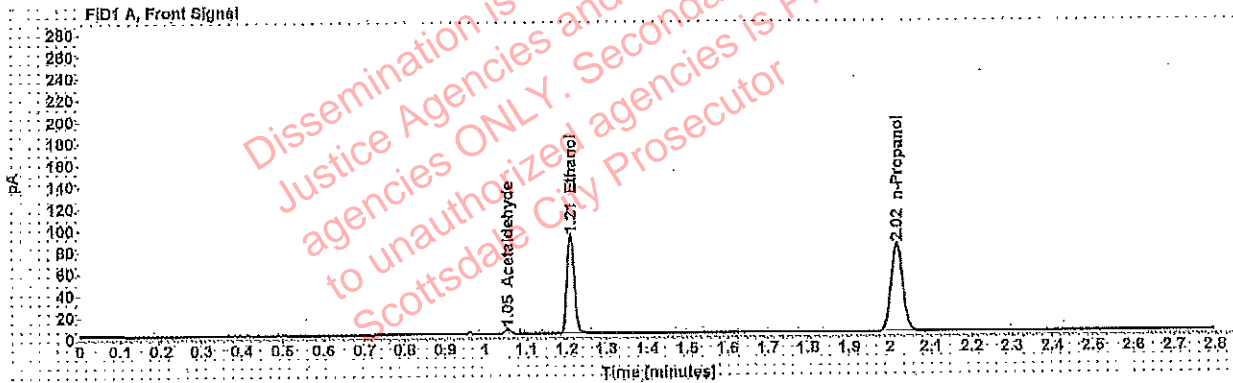


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.761
>Ethanol	0.1885	1.209	115.632
n-Propanol	-----	2.016	162.007

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.187
Ethanol	1.375	143.370
n-Propanol	2.471	197.710

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1265749
Injection date:	3/21/2019 12:33:49 PM	Vial:	27
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\27.D		

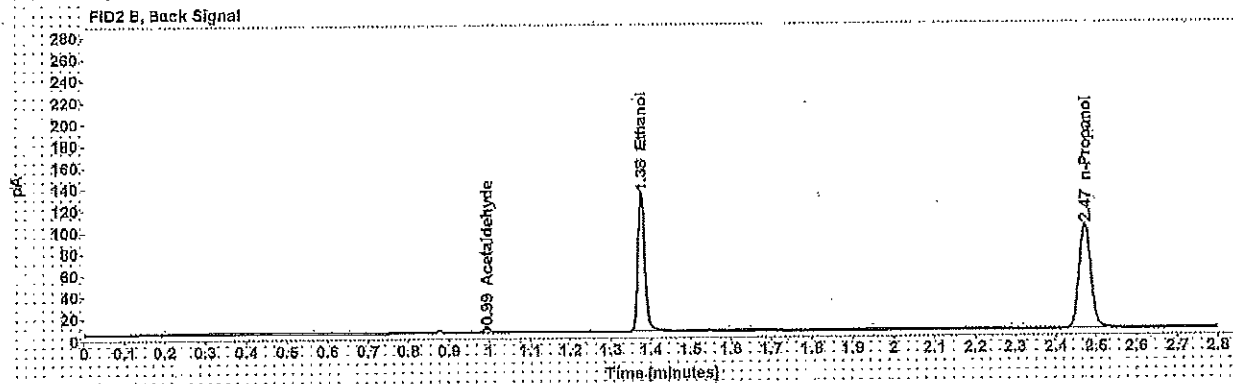
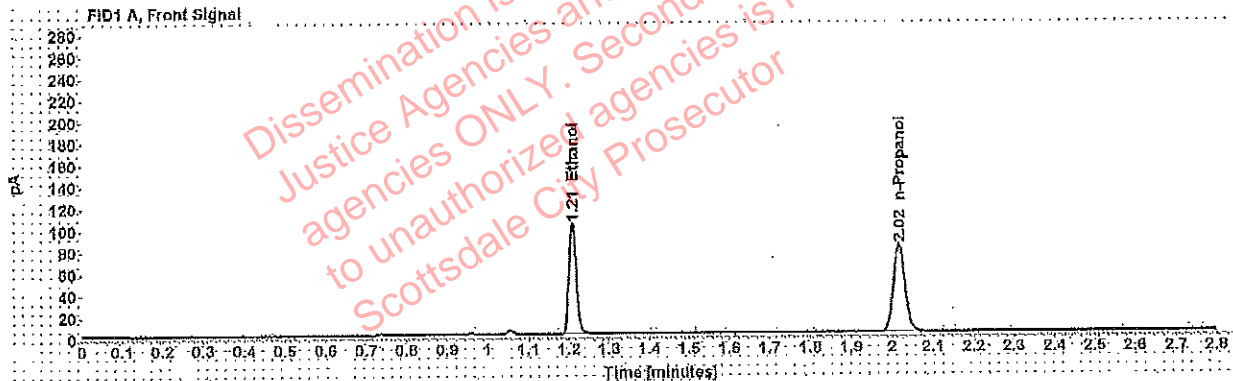


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2121	1.209	130.036
n-Propanol	-----	2.016	161.874

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.615
Ethanol	1.375	161.505
n-Propanol	2.471	197.391

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1255749
Injection date:	3/21/2019 12:37:49 PM	Vial:	28
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\28.D		

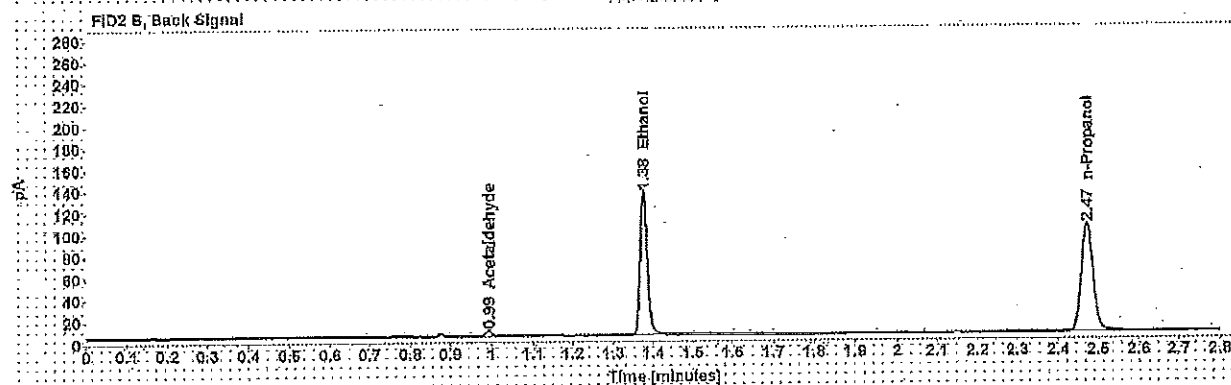
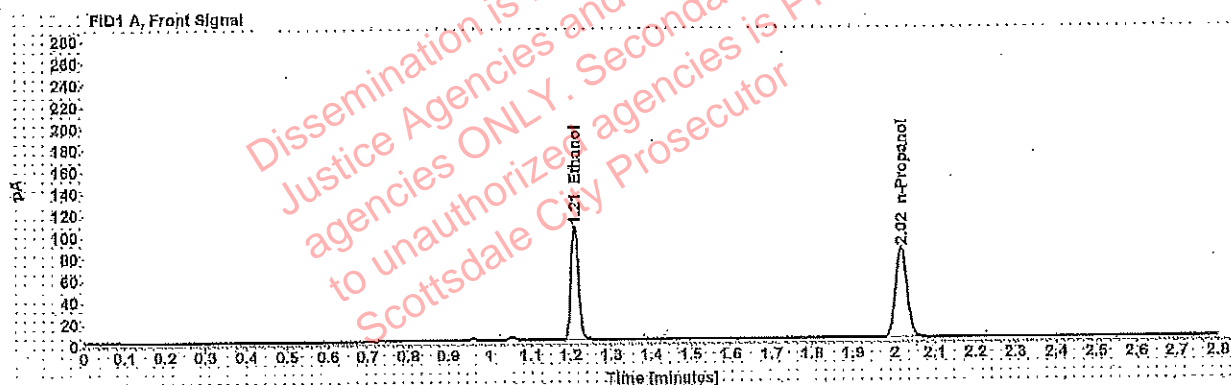


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2121	1.209	133.671
n-Propanol	-----	2.016	166.306

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.452
Ethanol	1.375	165.966
n-Propanol	2.471	203.397

Adrian, William - (21-Mar-2019)

Case: 1 User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Item number:	1260914
Injection date:	3/21/2019 12:41:49 PM	Vial:	29
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\29.D		

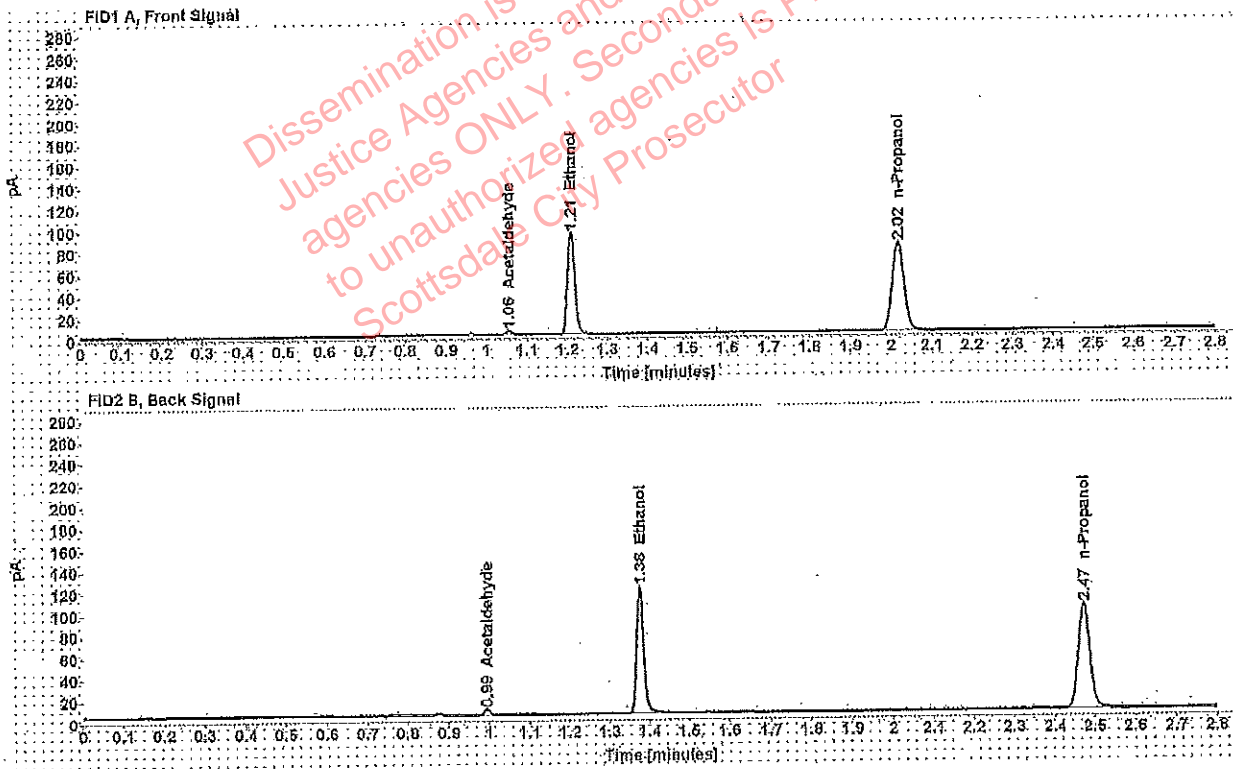


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.861
>Ethanol	0.1934	1.209	119.188
n-Propanol	-----	2.016	162.800

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.029
Ethanol	1.376	147.989
n-Propanol	2.471	198.048

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Item number:	1260914
Injection date:	3/21/2019 12:45:49 PM	Vial:	30
Method:	ethanol.quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14100045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\30.D		

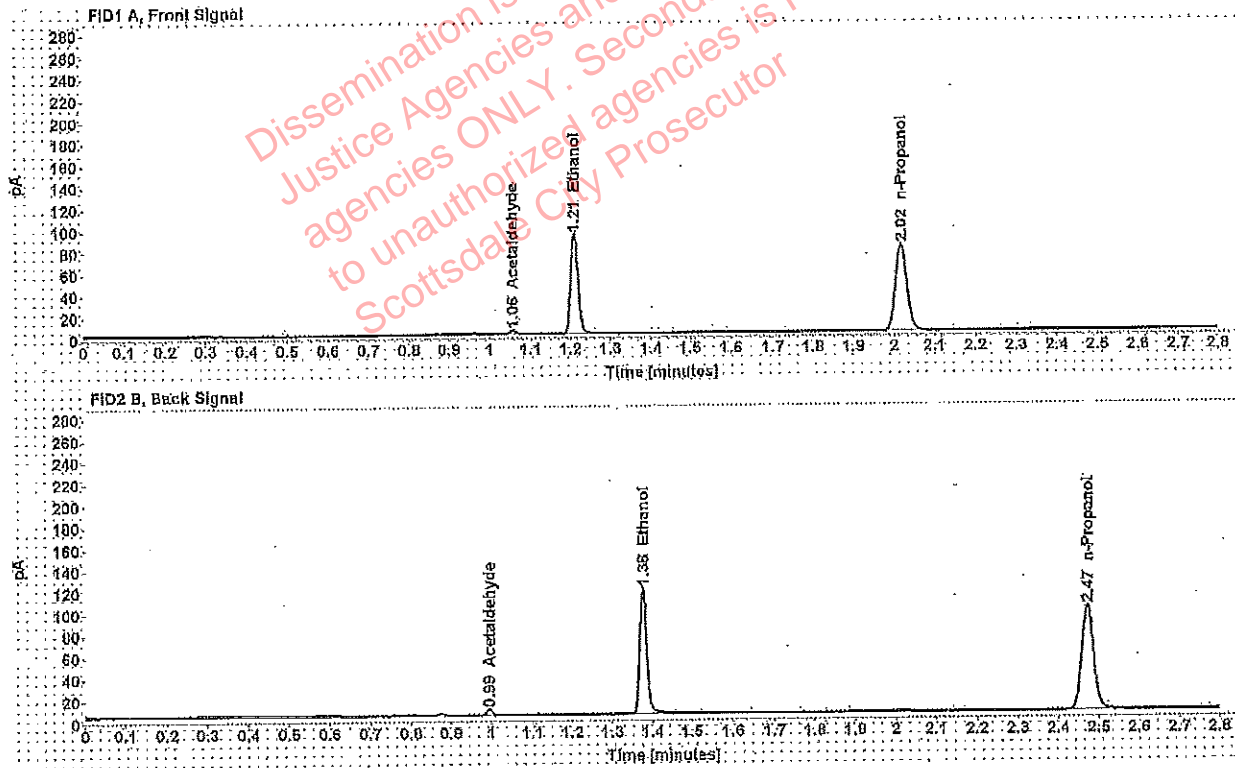


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3,792
Etanol	0.1933	1.210	118,152
n-Propanol	-----	2.016	161,460

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4,948
Etanol	1.376	146,367
n-Propanol	2.472	196,492

Adrian, William - (21-Mar-2019)

Case: [REDACTED] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1267628
Injection date:	3/21/2019 12:54:04 PM	Vial:	32
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\32.D		

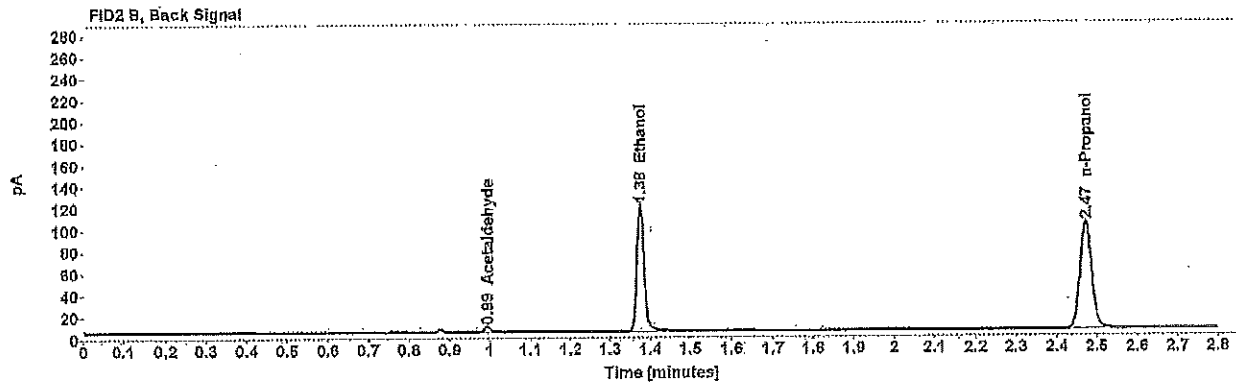
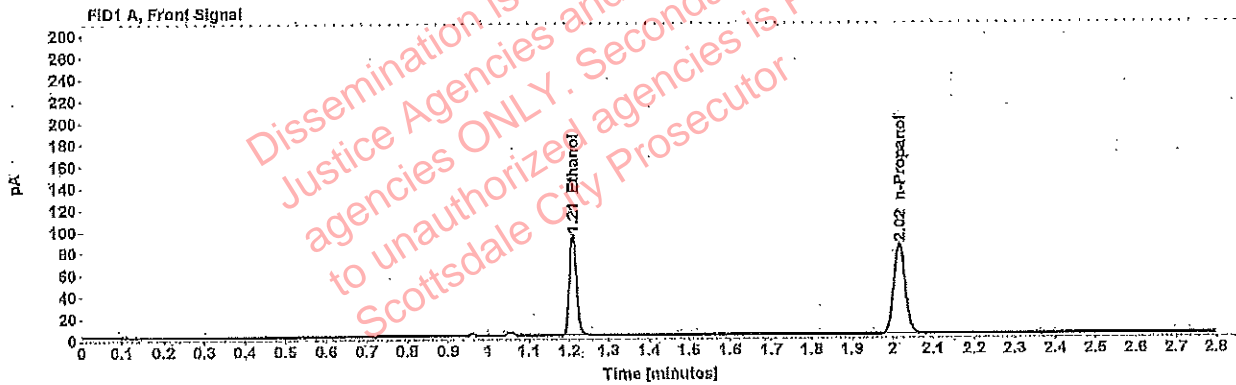


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1680	1.209	118.031
n-Propanol	-----	2.018	165.857

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.463
Ethanol	1.375	146.373
n-Propanol	2.471	202.406

Case: [REDACTED] : Adrian, William » (21-Mar-2019)

User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1257629
Injection date:	3/21/2019 12:58:04 PM	Vial:	33
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\21Mar19\33.D		

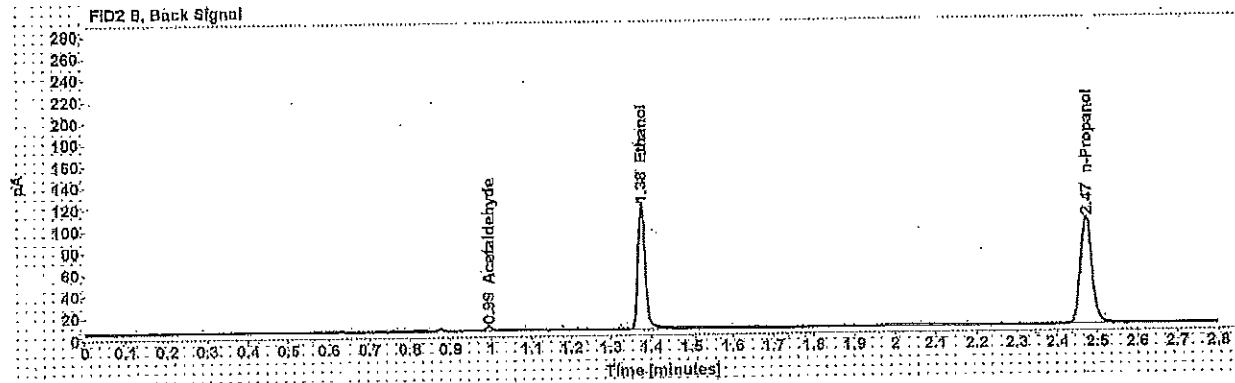
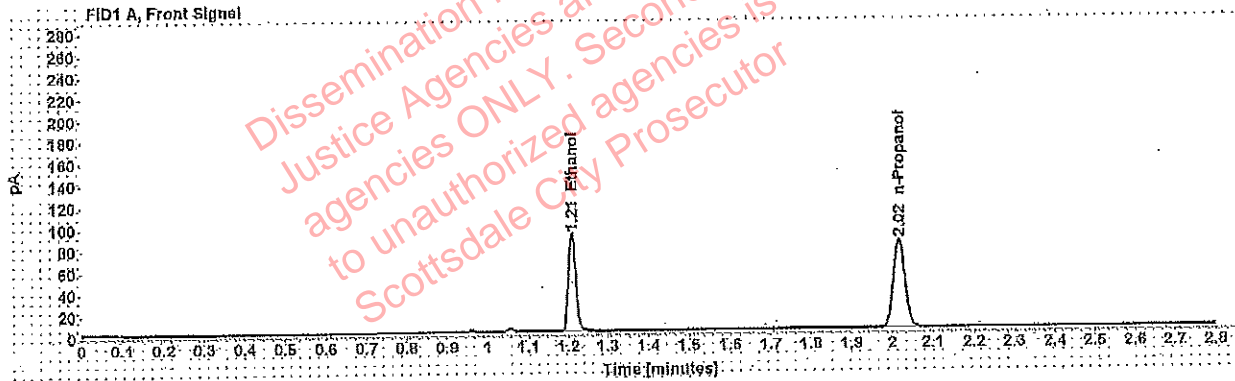


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1861	1.209	115.593
n-Propanol	-----	2.016	164.078

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.928
Ethanol	1.375	143.739
n-Propanol	2.471	200.019

Adrian, William - (21-Mar-2019)

Case: User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Item number:	1259626
Injection date:	3/21/2019 1:02:05 PM	Vial:	34
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\21Mar19\34.D		

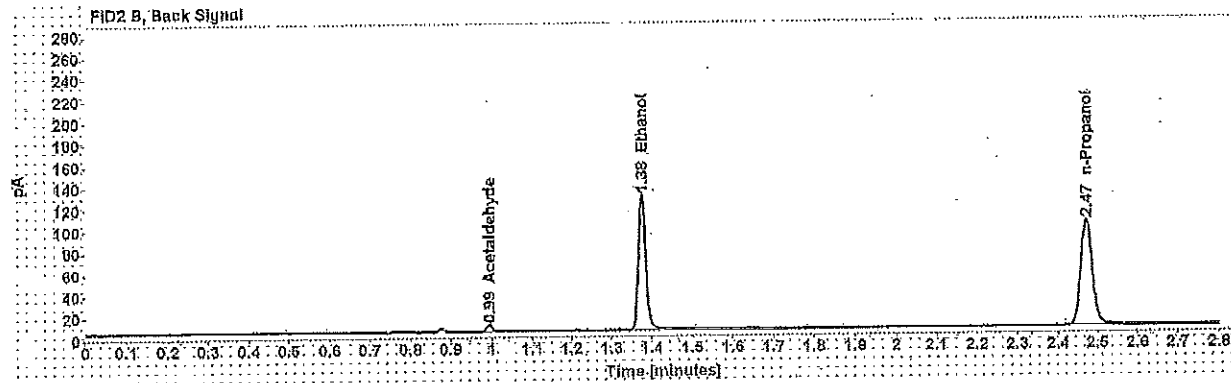
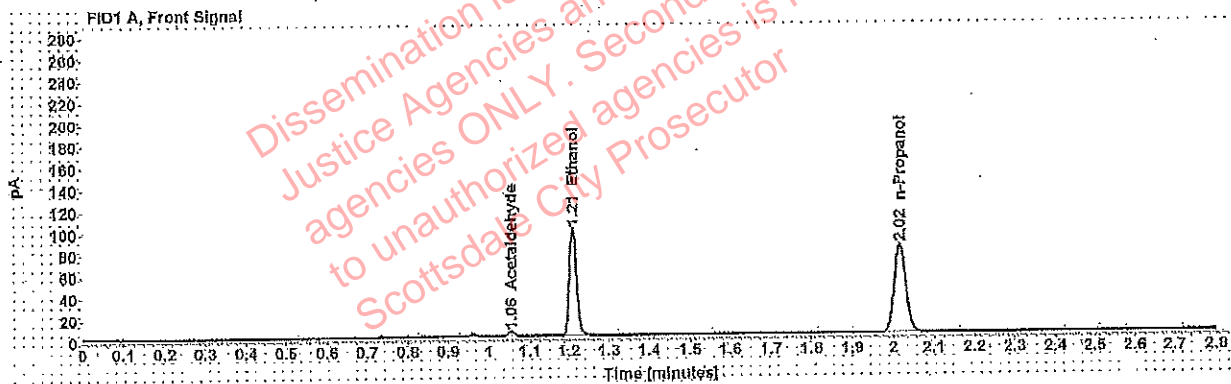


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.467
>Ethanol	0.2042	1.209	126.513
n-Propanol	-----	2.016	163.612

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.860
Ethanol	1.375	157.081
n-Propanol	2.471	199.796

Adrian, William - (21-Mar-2019)

Case [redacted] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Item number:	1259626
Injection date:	3/21/2019 1:06:04 PM	Vial:	35
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\35.D		

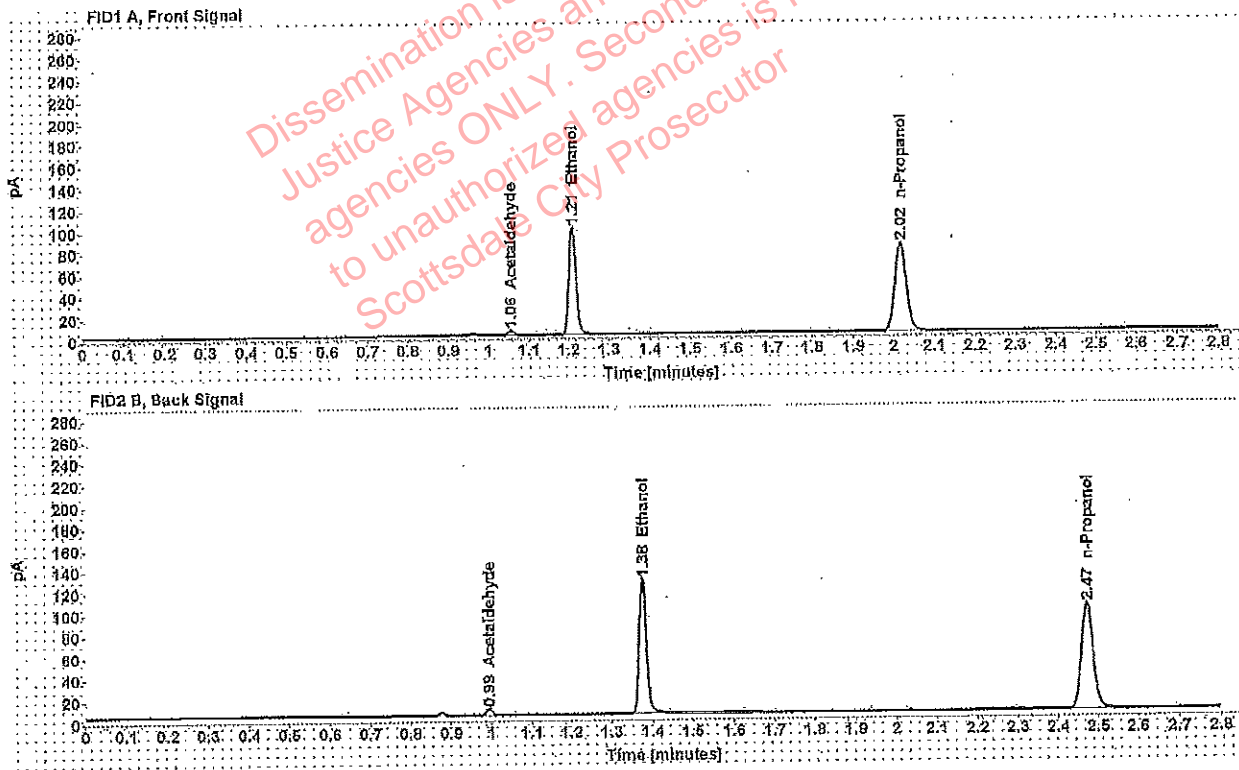


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.414
>Ethanol	0.2043	1.209	128,496
n-Propanol	-----	2.016	163,495

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.830
Ethanol	1.376	157,033
n-Propanol	2.471	199,626

: Adrian, William * (21-Mar-2019)

Case: [REDACTED] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1261548
Injection date:	3/21/2019 1:10:05 PM	Vial:	36
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\36.D		

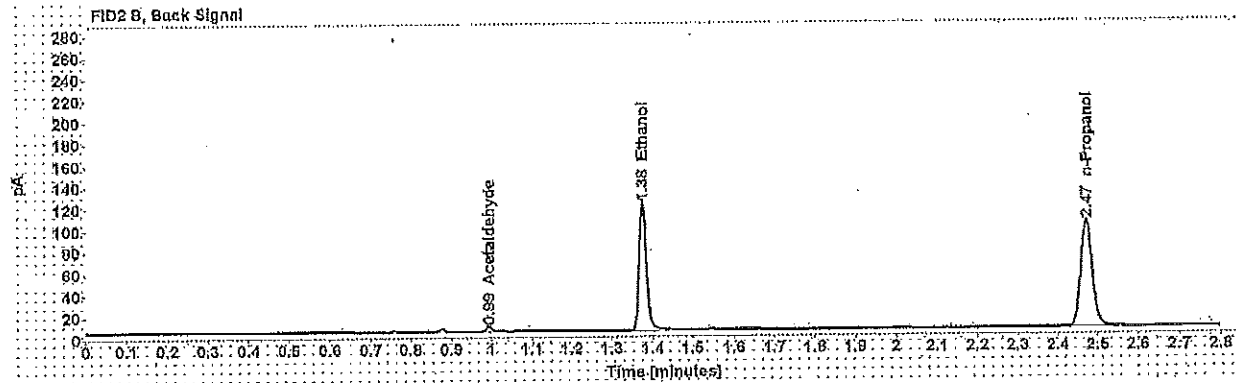
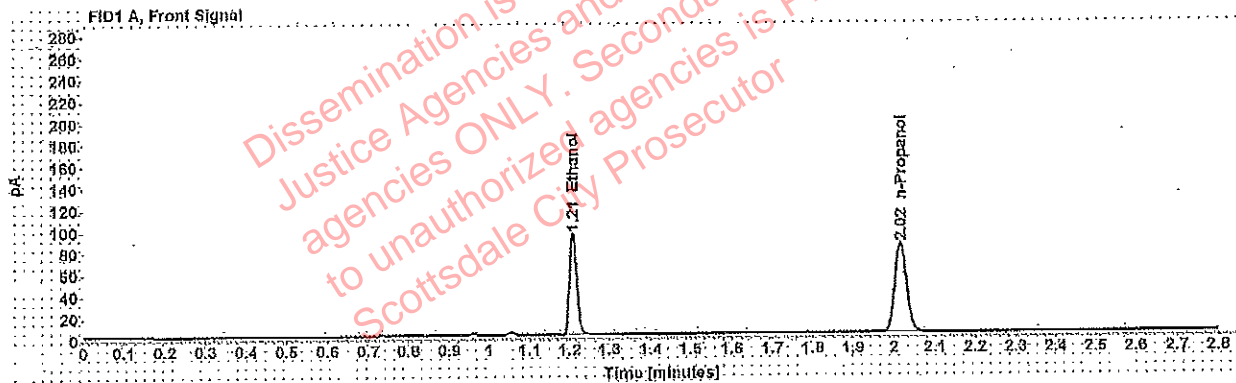


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1913	1.209	119.431
n-Propanol	-----	2.016	164.878

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.097
Ethanol	1.375	148.154
n-Propanol	2.471	201.360

Case: [REDACTED] : Adrian, William - (21-Mar-2019)

User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1261548
Injection date:	3/21/2019 1:14:20 PM	Vial:	37
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\37.D		

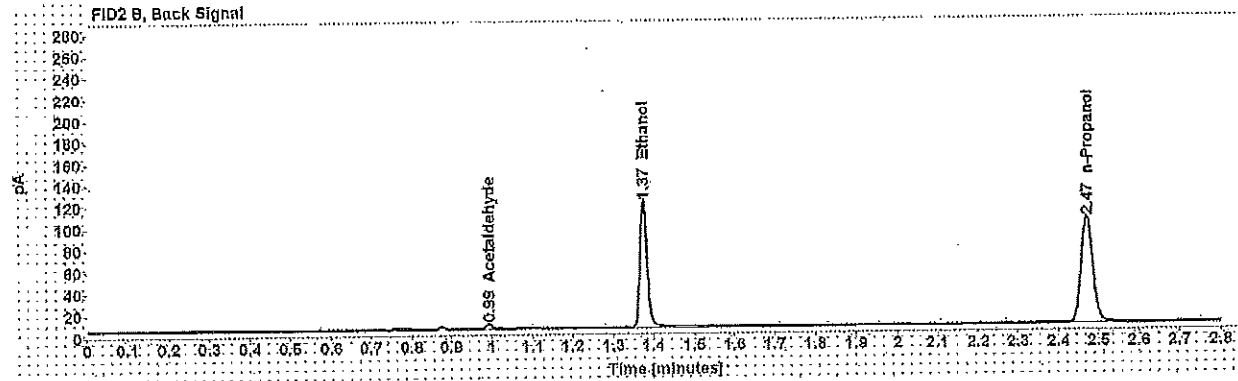
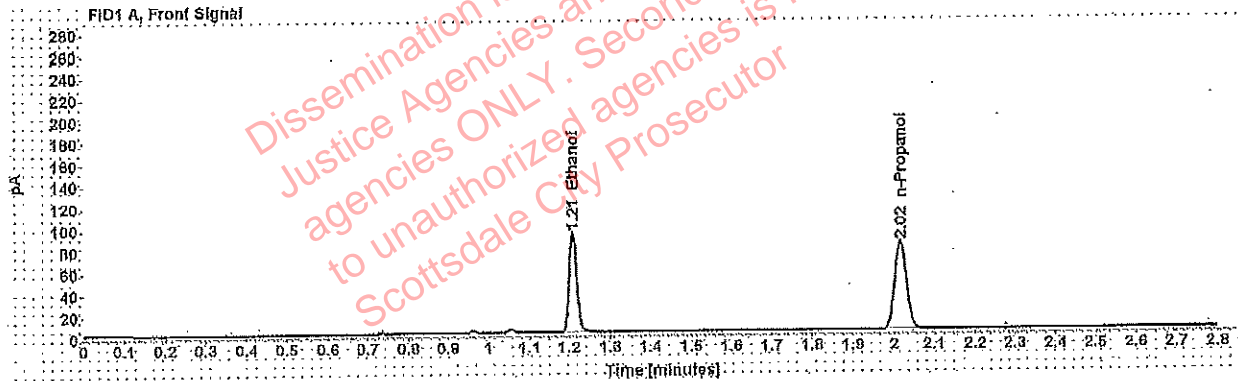


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1908	1.209	117.869
n-Propanol	-----	2.016	163.193

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.248
Ethanol	1.375	146.160
n-Propanol	2.471	199.148

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1257258
Injection date:	3/21/2019 1:18:19 PM	Vial:	38
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\38.D		

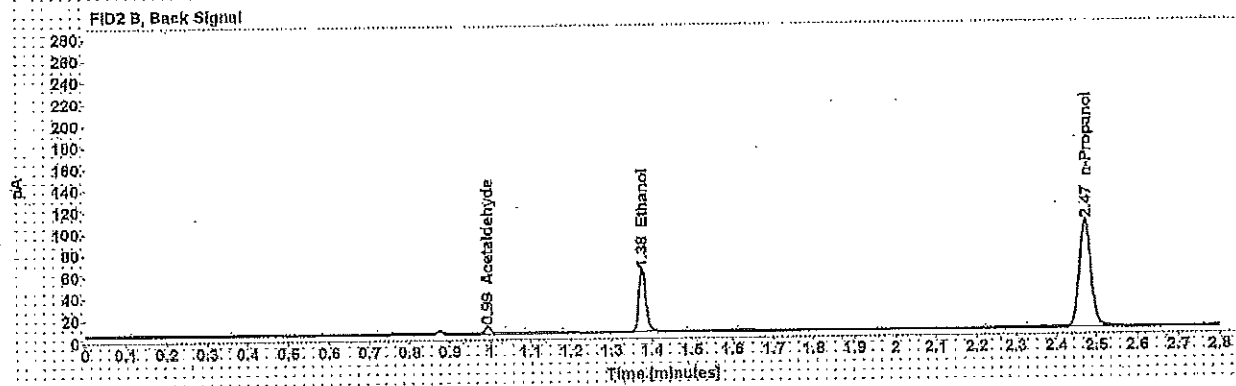
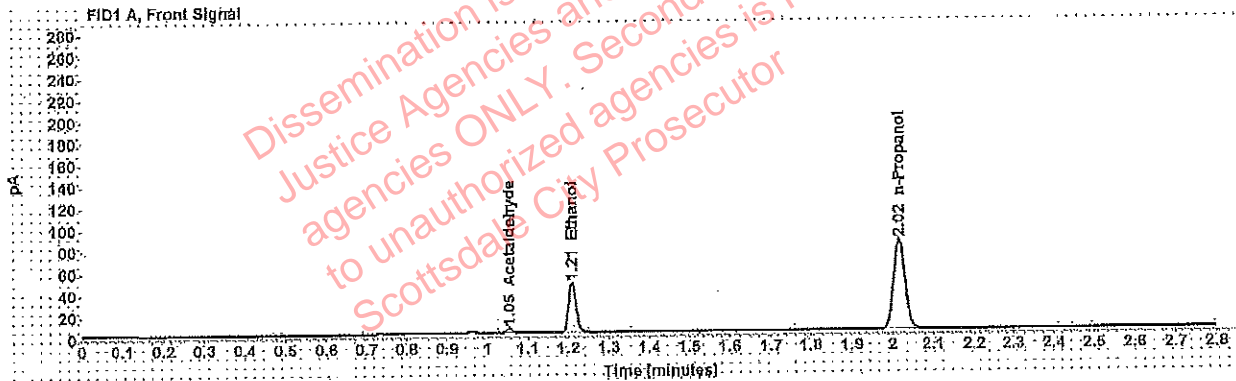


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.688
>Ethanol	0.0945	1.210	58.961
n-Propanol	-----	2.015	165.718

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.113
Ethanol	1.375	72.434
n-Propanol	2.471	202.553

: Adrian, William - (21-Mar-2019)

Case [redacted] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Item number:	1257258
Injection date:	3/21/2019 1:22:19 PM	Vial:	39
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\21Mar19\39.D		

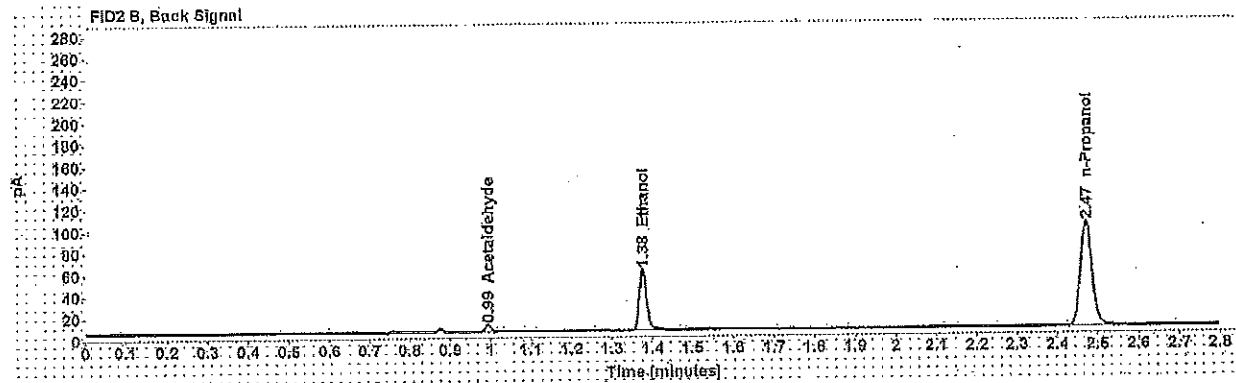
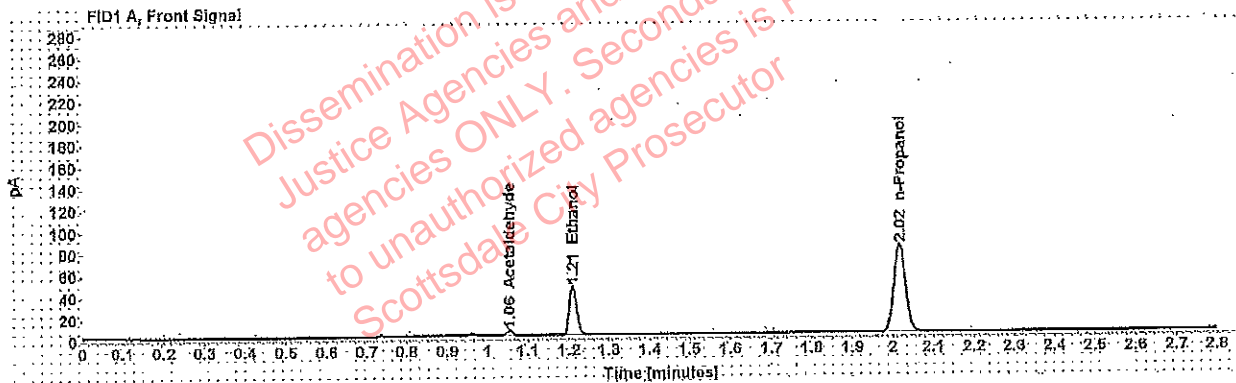


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.856
>Ethanol	0.0946	1.210	57.645
n-Propanol	-----	2.018	161.751

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.364
Ethanol	1.376	70.976
n-Propanol	2.471	197.472

Adrian, William - (21-Mar-2019)

Case: [REDACTED] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	346-01A
Injection date:	3/21/2019 1:26:19 PM	Vial:	40
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	G:\Chem321\1\Data\21Mar19\40.D		

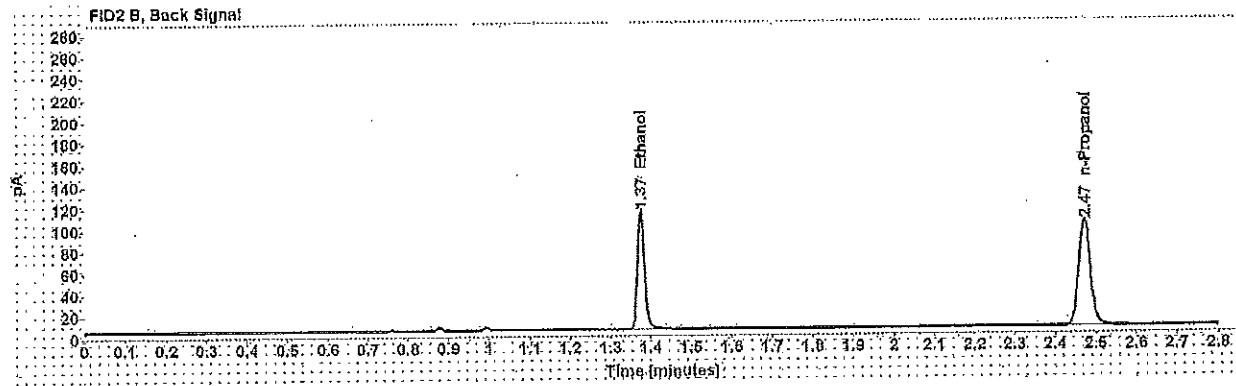
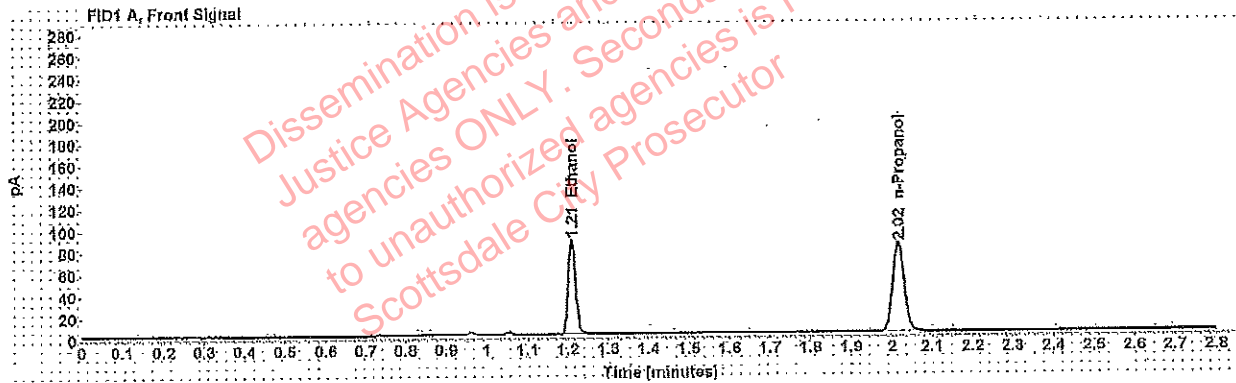


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1781	1.209	110.836
n-Propanol	2.016	164.425

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

Compound	Time (min)	Peak Area
Ethanol	1.375	137.942
n-Propanol	2.471	200.587

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	346-01A
Injection date:	3/21/2019 1:30:19 PM	Vial:	41
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\41.D		

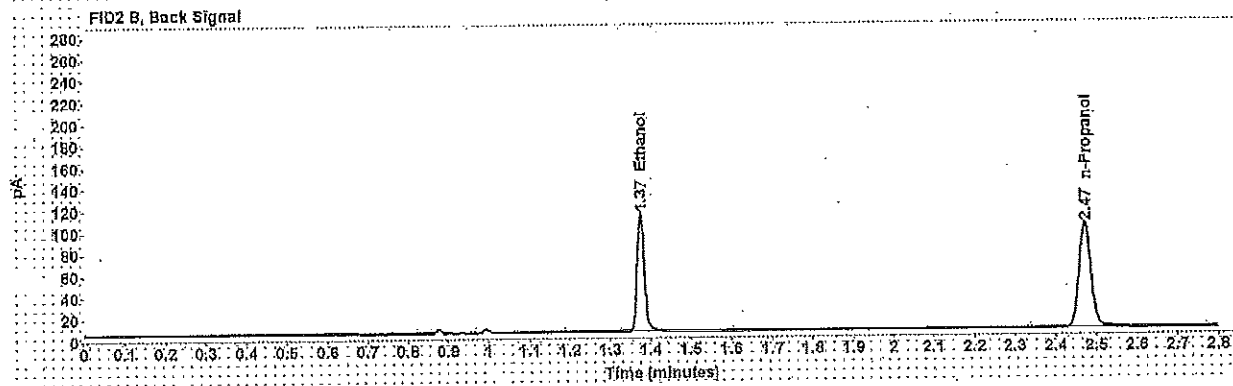
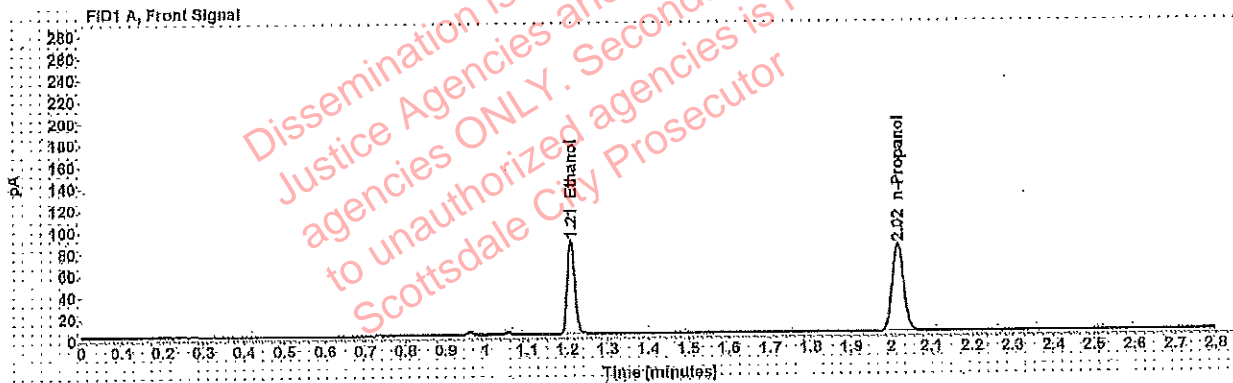


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1803	1.209	110.504
n-Propanol	-----	2.016	161.954

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

Compound	Time (min)	Peak Area
Ethanol	1.375	137.288
n-Propanol	2.471	197.959

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Item number:	349-1A
Injection date:	3/21/2019 1:38:34 PM	Vial:	43
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14180045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\43.D		

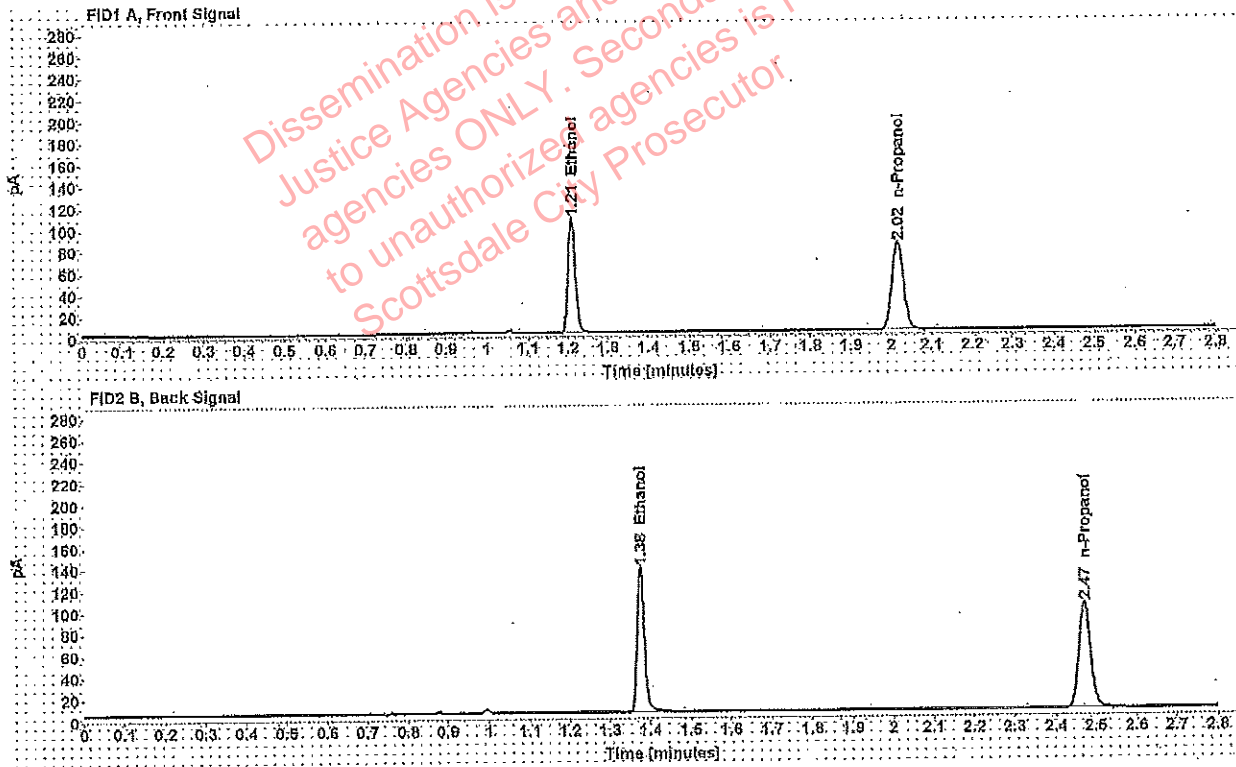


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2196	1.209	135.777
n-Propanol	-----	2.016	163.223

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

Compound	Time (min)	Peak Area
Ethanol	1.375	168.526
n-Propanol	2.471	199.718

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Item number:	349-1A
Injection date:	3/21/2019 1:42:35 PM	Vial:	44
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\21Mar19\44.D		

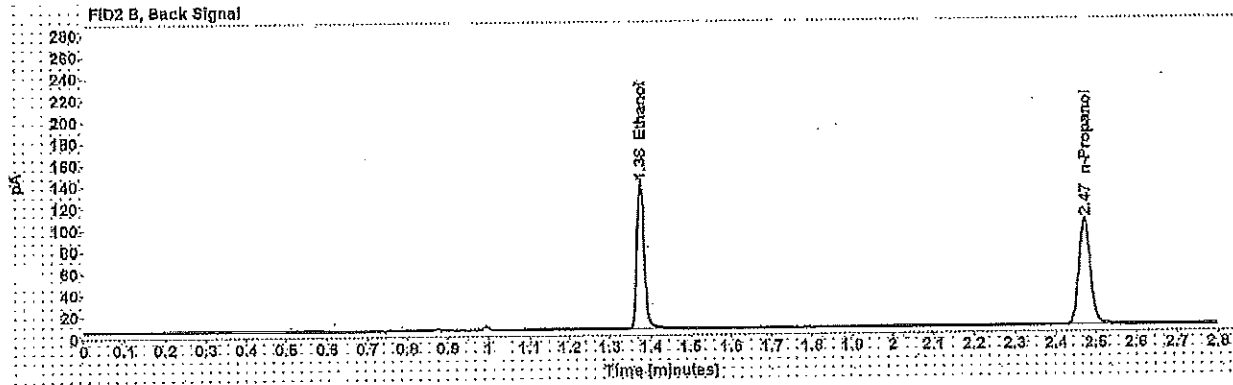
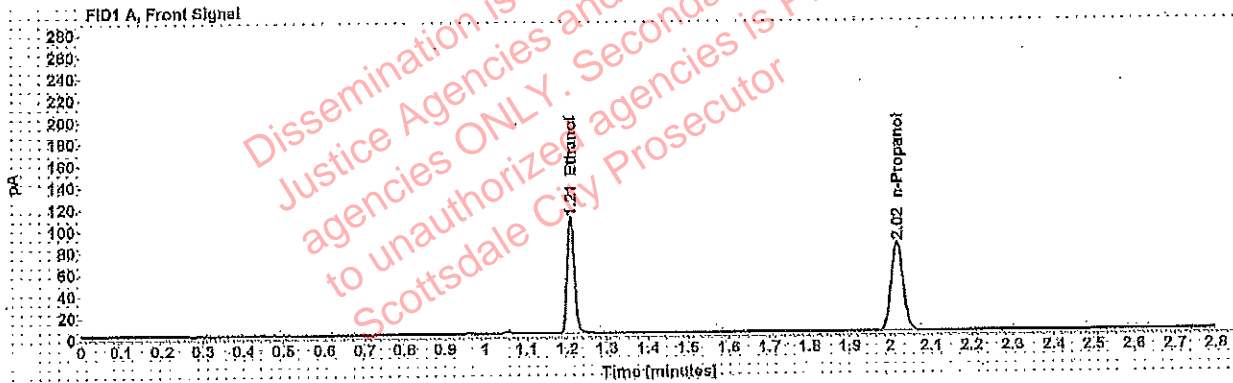


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2194	1.209	136.662
n-Propanol	-----	2.016	164.422

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

Compound	Time (min)	Peak Area
Ethanol	1.375	170.003
n-Propanol	2.471	200.966

Adrian, William - (21-Mar-2019)

Case [redacted] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Item number:	339-01A
Injection date:	3/21/2019 1:46:34 PM	Vial:	45
Method:	ethanol.quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem321\1\Data\21Mar19\45.D		

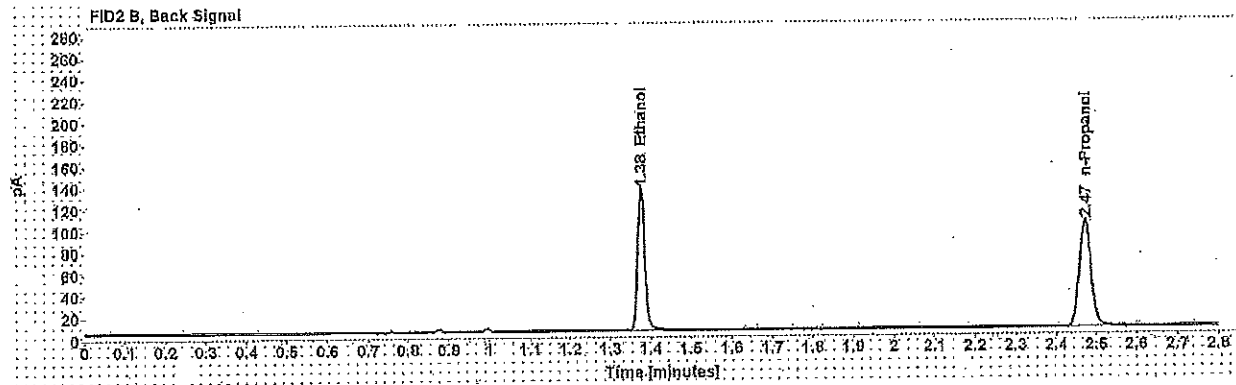
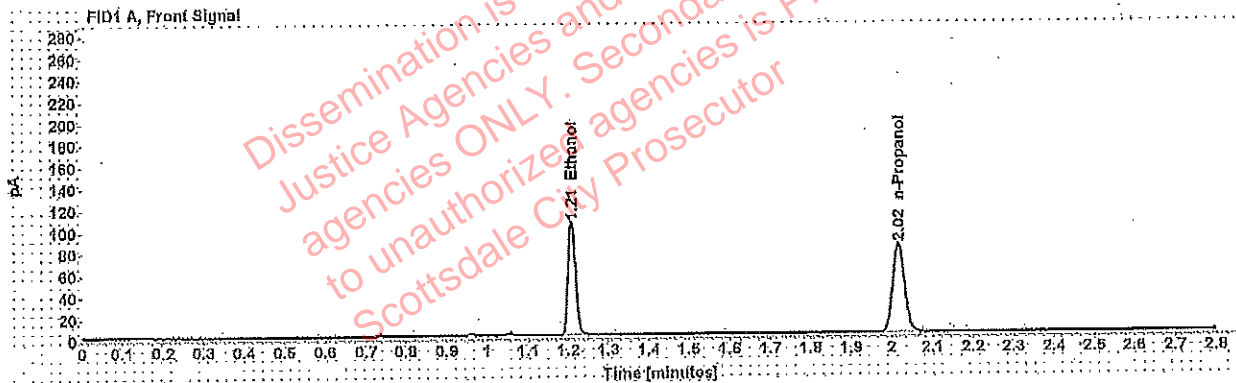


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2144	1.209	133.283
n-Propanol	-----	2.016	164.058

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

Compound	Time (min)	Peak Area
Ethanol	1.375	165.323
n-Propanol	2.471	200.704

Adrian, William - (21-Mar-2019)

Case: [REDACTED] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	339-01A
Injection date:	3/21/2019 1:50:34 PM	Vial:	46
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\21Mar19\46.D		

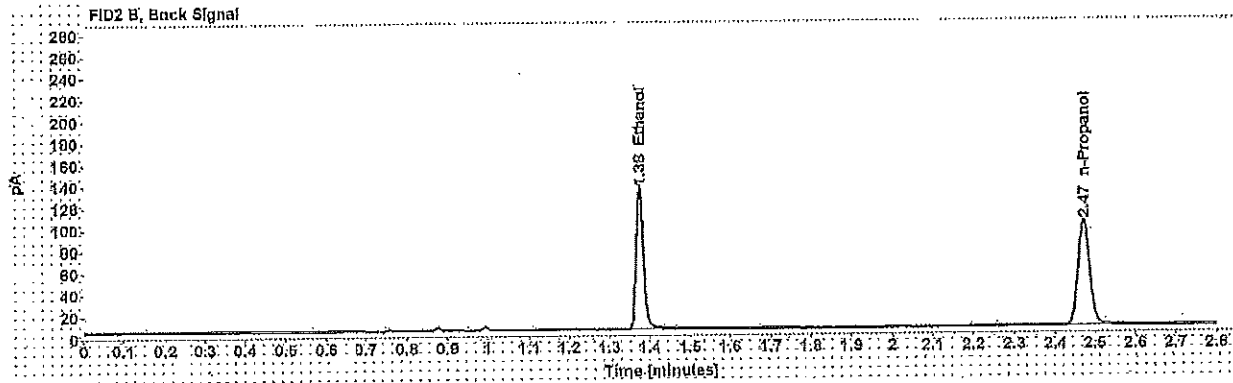
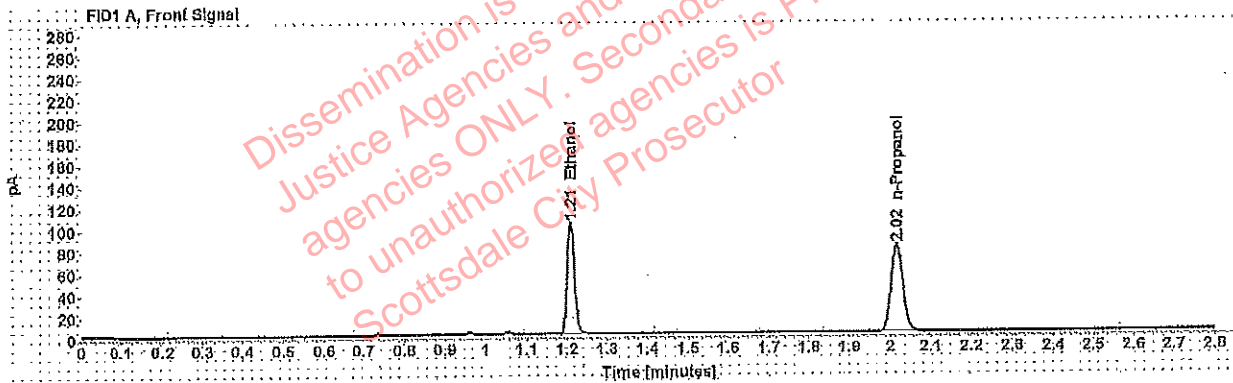


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2150	1.209	131.921
n-Propanol	-----	2.016	161.975

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

Compound	Time (min)	Peak Area
Ethanol	1.375	165.389
n-Propanol	2.471	197.859

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1260875
Injection date: 3/21/2019 1:54:36 PM	Vial: 47
Method: ethanol quant.M	Sequence: 21Mar19
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\21Mar19\47.D	

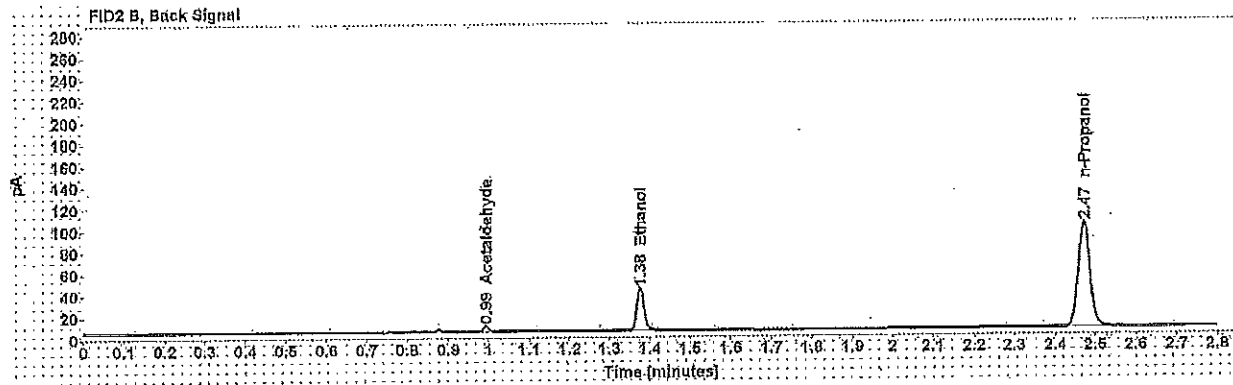
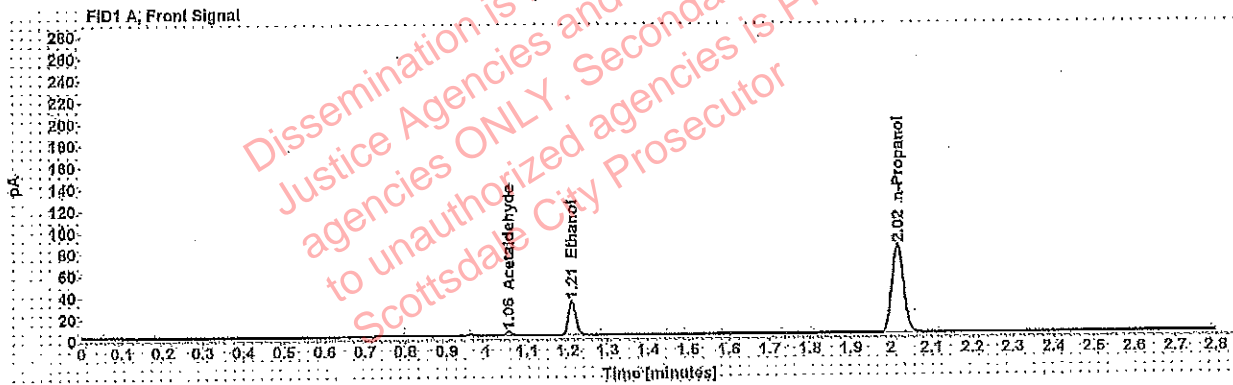


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1,055	3,838
>Ethanol	0,0662	1,210	40,478
n-Propanol	-----	2,016	163,058

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

Compound	Time (min)	Peak Area
Acetaldehyde	0,993	5,035
Ethanol	1,376	49,658
n-Propanol	2,471	199,483

Adrian, William - (21-Mar-2019)

Case: [REDACTED] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1260875
Injection date:	3/21/2019 1:58:34 PM	Vial:	48
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14180045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\21Mar19\48.D		

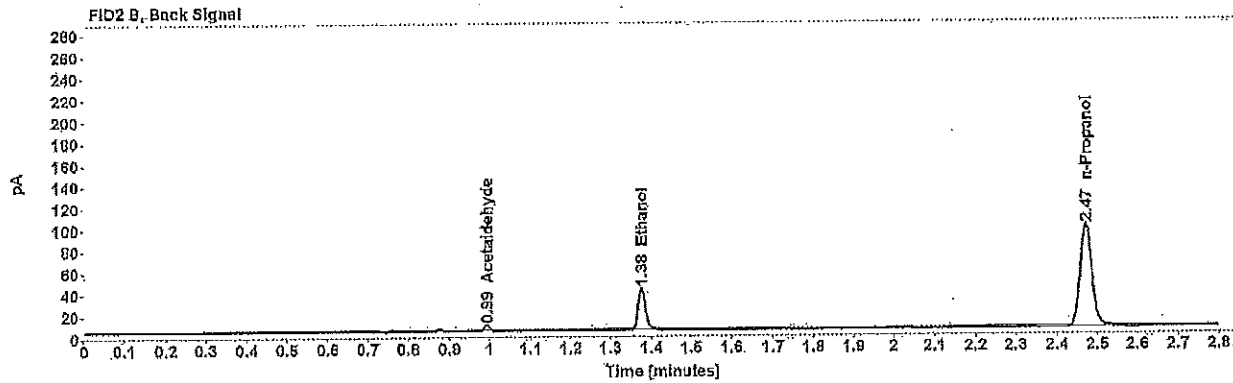
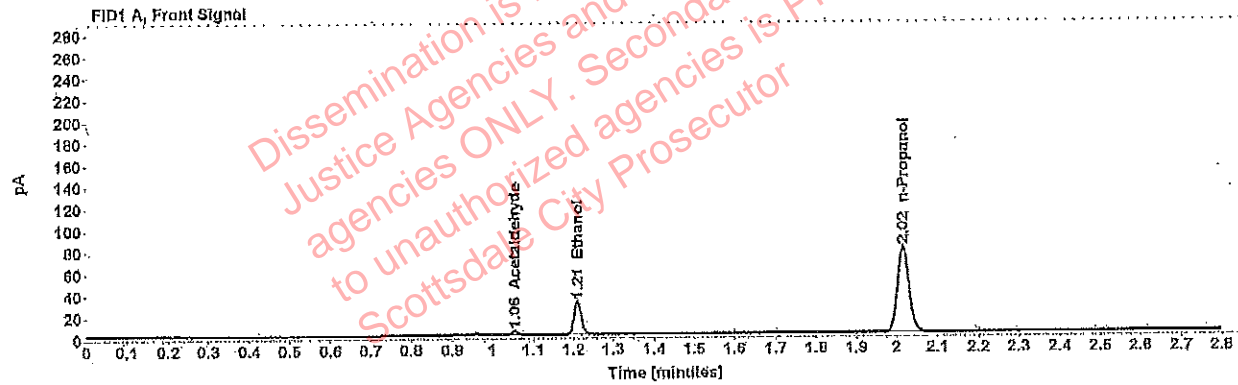


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	*****	1.055	3.750
>Ethanol	0.0658	1.210	39.077
n-Propanol	*****	2.016	158.382

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.915
Ethanol	1.376	48.066
n-Propanol	2.471	193.637

Adrian, William * (21-Mar-2019)

Case: [REDACTED] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1261044
Injection date:	3/21/2019 2:02:49 PM	Vial:	49
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\49.D		

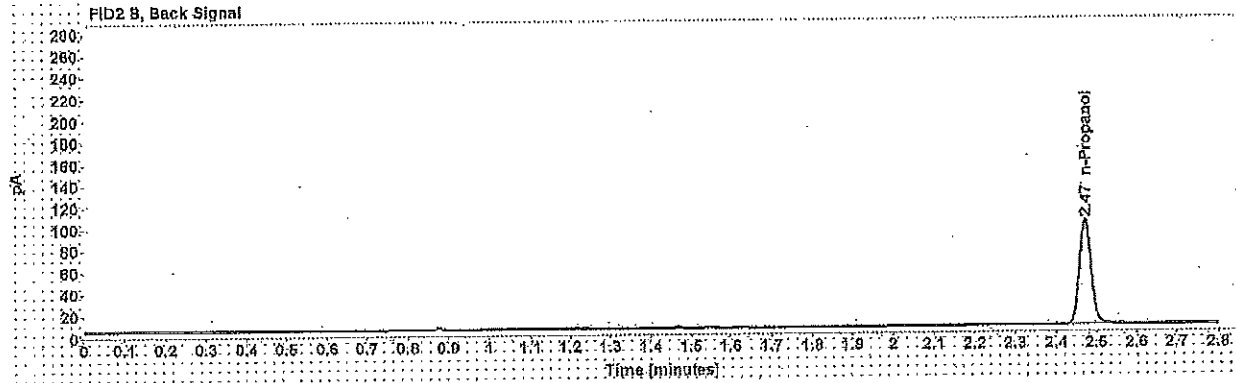
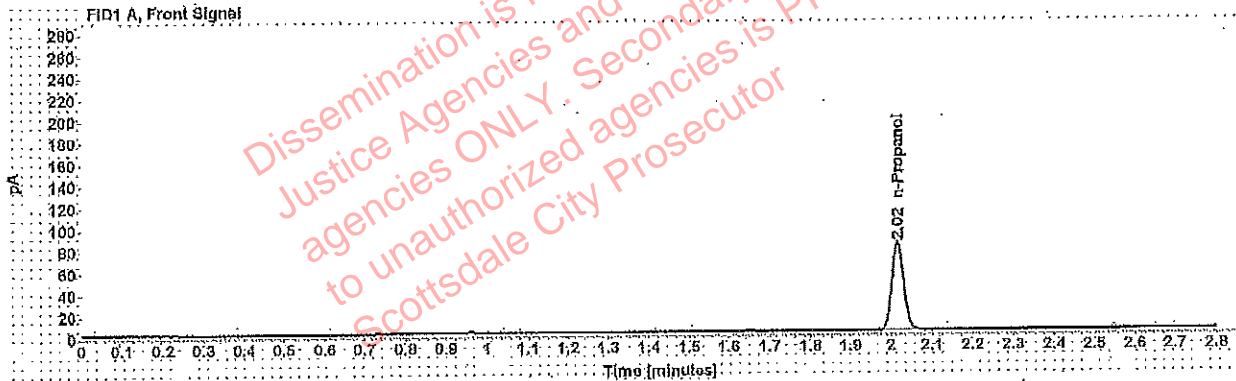


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	163,068

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

Compound	Time (min)	Peak Area
n-Propanol	2.471	199,450

Adrian, William (21-Mar-2019)

Case: [redacted] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Item number:	1261044
Injection date:	3/21/2019 2:06:49 PM	Vial:	50
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\50.D		

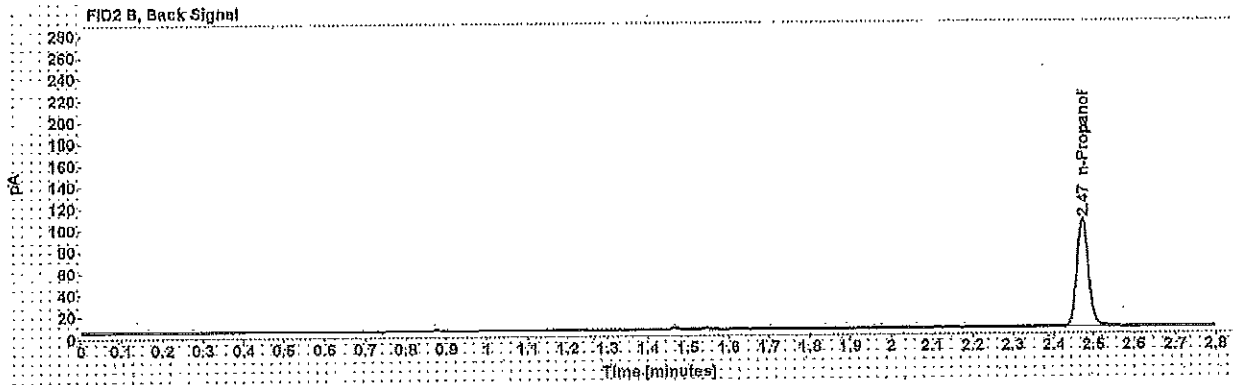


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	165.878

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

Compound	Time (min)	Peak Area
n-Propanol	2.472	203.124

: Adrian, William * (21-Mar-2019)

Case [redacted] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Item number:	1231705
Injection date:	3/21/2019 2:10:49 PM	Vial:	51
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	G:\Chem32\1\Data\21Mar19\51.D		

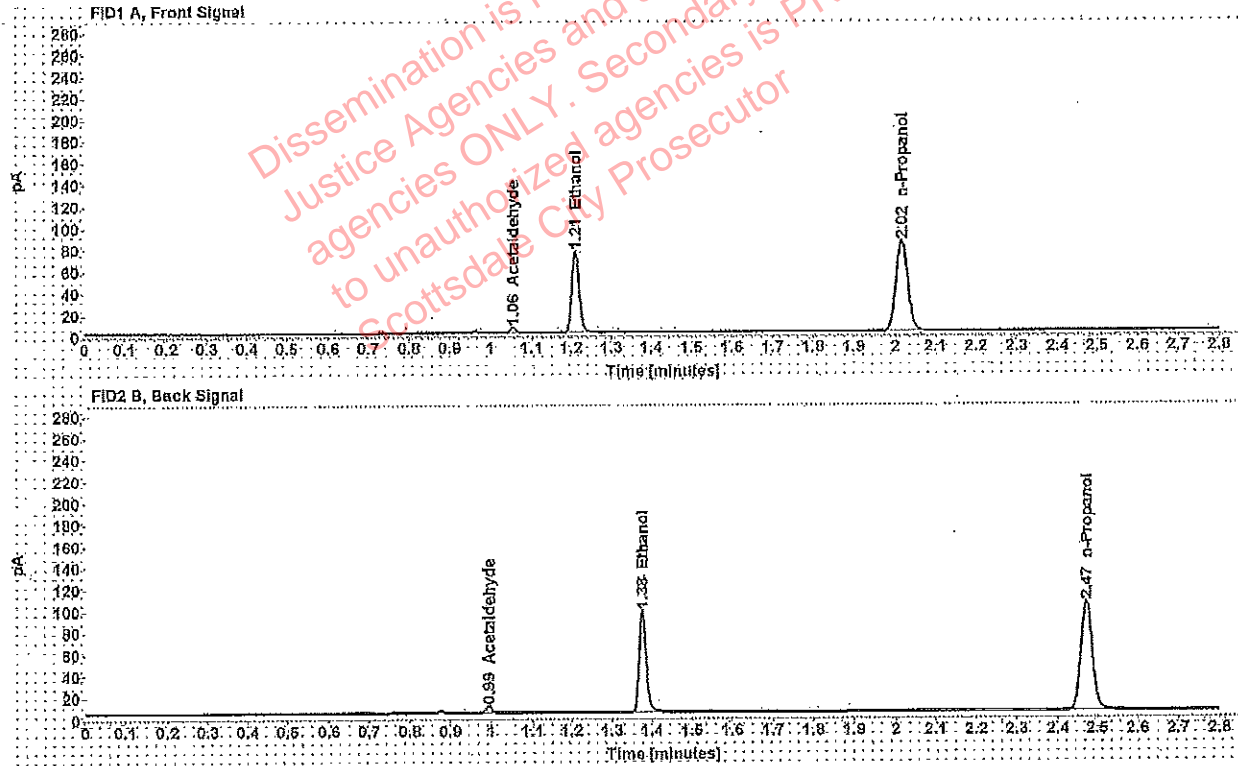


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.694
>Ethanol	0.1506	1.210	95.533
n-Propanol	-----	2.016	167.739

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.166
Ethanol	1.376	117.828
n-Propanol	2.472	205.700

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1231705
Injection date:	3/21/2019 2:14:49 PM	Vial:	52
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\52.D		

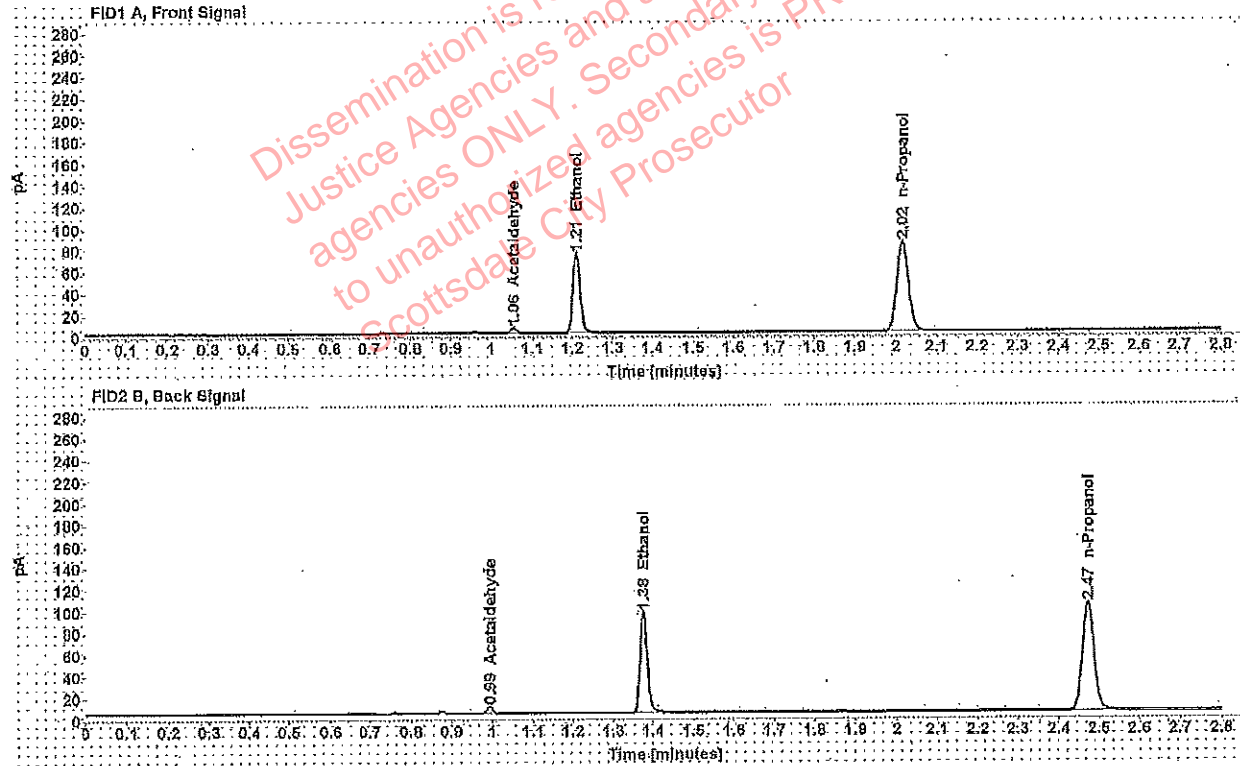


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4,648
>Ethanol	0.1497	1.210	94,485
n-Propanol	-----	2.016	166,907

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6,091
Ethanol	1.376	117,435
n-Propanol	2.472	204,409

Adrian, William - (21-Mar-2019)

Case: [REDACTED] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1233841
Injection date:	3/21/2019 2:22:49 PM	Vial:	54
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\21Mar19\54.D		

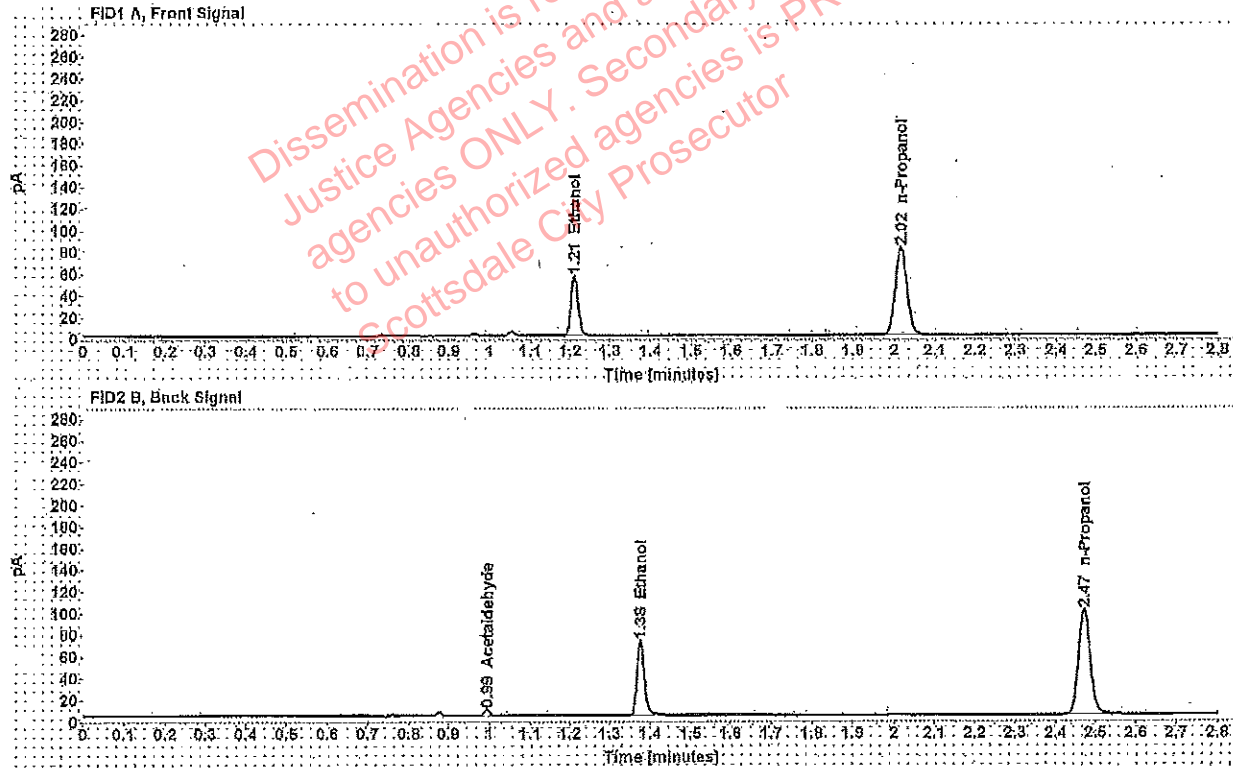


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1144	1.210	70.053
n-Propanol	-----	2.016	162.338

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.906
Ethanol	1.376	88.519
n-Propanol	2.472	198.528

Adrian, William * (21-Mar-2019)

Case: [REDACTED] User: wadrian 3/21/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1233841
Injection date:	3/21/2019 2:27:05 PM	Vial:	55
Method:	ethanol quant.M	Sequence:	21Mar19
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\21Mar19\55.D		

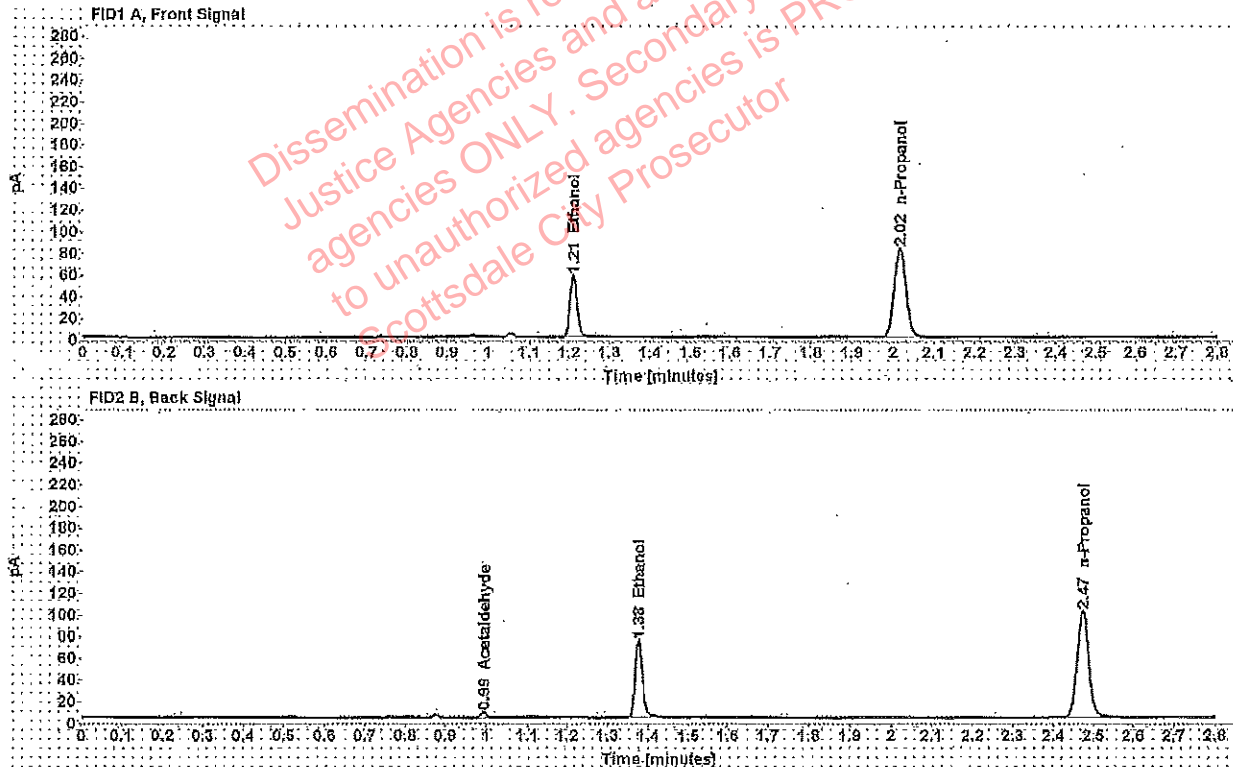


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1172	1.210	72.905
n-Propanol	-----	2.016	164.881

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.433
Ethanol	1.376	89.735
n-Propanol	2.471	201.664