

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 05/14/2019 SEQUENCE NAME 14May19

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	0.403 g/dL	Lipomed 08012015-C
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
9	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/13
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	0.080 g/dL	Lipomed 28082014-B
64	Aqueous control	0.150 g/dL	0.151 g/dL	Lipomed 09022015-C
73	Aqueous control	0.400 g/dL	0.407 g/dL	Lipomed 08012015-C
74	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
75	Blood control	0.198 g/dL	0.198 g/dL	ACQ 407041529/13
76	Blank	Not detected	Not detected	SPD lab 040919WB

SUBJECT SAMPLES

Subjects in the sequence 25 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected. This run also included four proficiency samples at positions 56-63.

Run valid Run invalid WABIS70 5/15/19 Analyst
 Run valid Run invalid KOSECKI 5/16/19 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

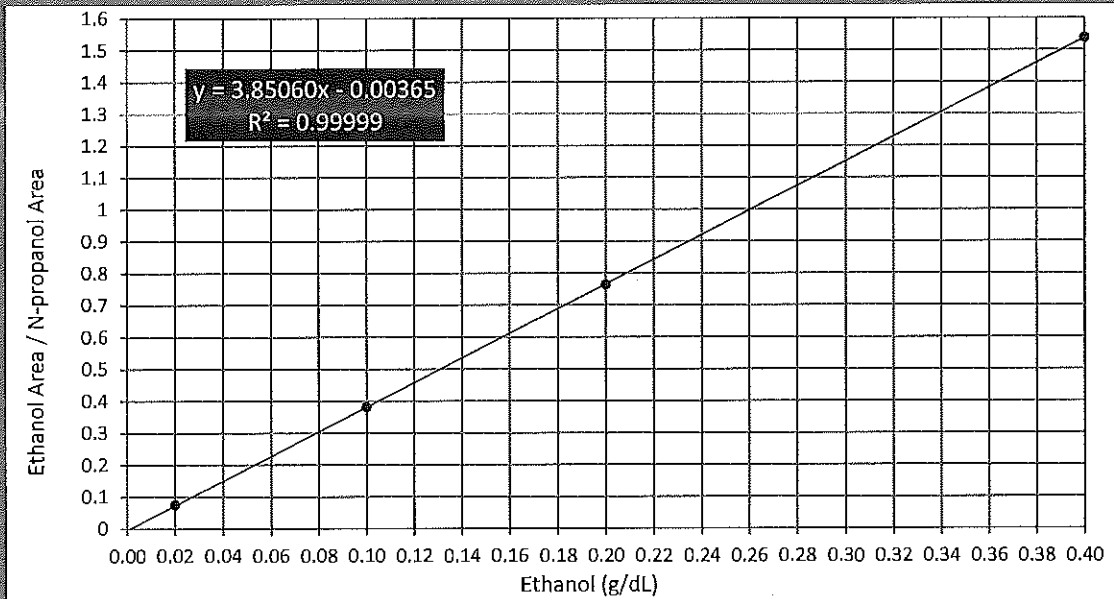
SEQUENCE NAME: 14May19

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 Lipomed 08012015-C	7	0.403	0.400	0.75	0.003
0.040 Lipomed 09022015-A	8	0.040	0.040	0.00	0.000
0.198 ACQ 407041529/13	9	0.199	0.198	0.51	0.001
0.080 Lipomed 28082014-B	20	0.080	0.080	0.00	0.000
0.150 Lipomed 09022015-C	31	0.152	0.150	1.33	0.002
0.198 ACQ 407041529/13	42	0.199	0.198	0.51	0.001
0.080 Lipomed 28082014-B	53	0.080	0.080	0.00	0.000
0.150 Lipomed 09022015-C	64	0.151	0.150	0.67	0.001
0.400 Lipomed 08012015-C	73	0.407	0.400	1.75	0.007
0.040 Lipomed 09022015-A	74	0.040	0.040	0.00	0.000
0.198 ACQ 407041529/13	75	0.198	0.198	0.00	0.000
blank 040919WB	76	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.906	159.810	0.075
0.100	61.593	161.466	0.381
0.200	124.906	163.438	0.764
0.400	248.901	161.872	1.538

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: FN03241604	Vial: 1
Description: 0.020 calibrator	Sequence: 14May19
Method: ethanol quant.M	Injection date: 5/14/2019 2:33:20 PM
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\rsdtest3\14May19\1.D	

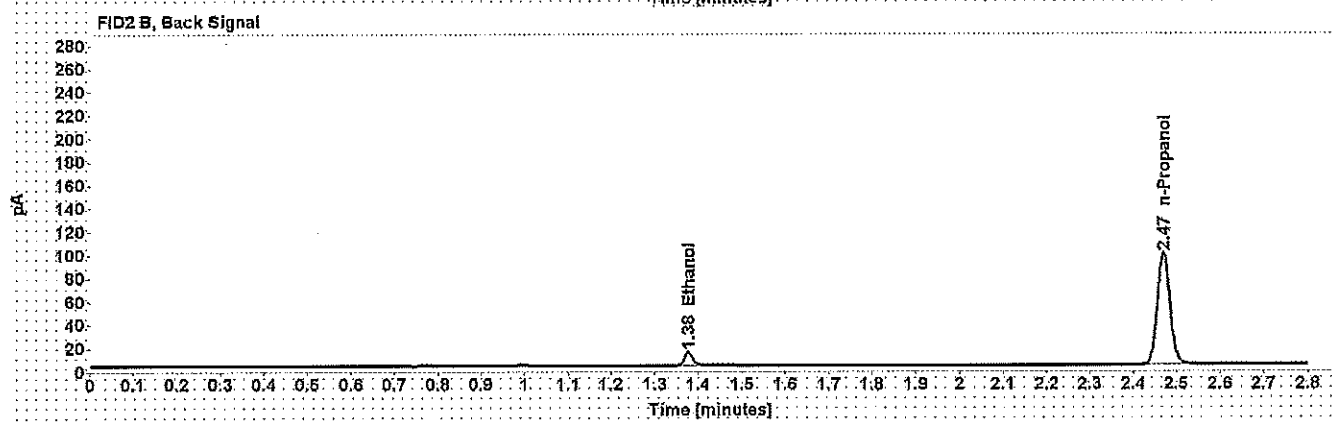
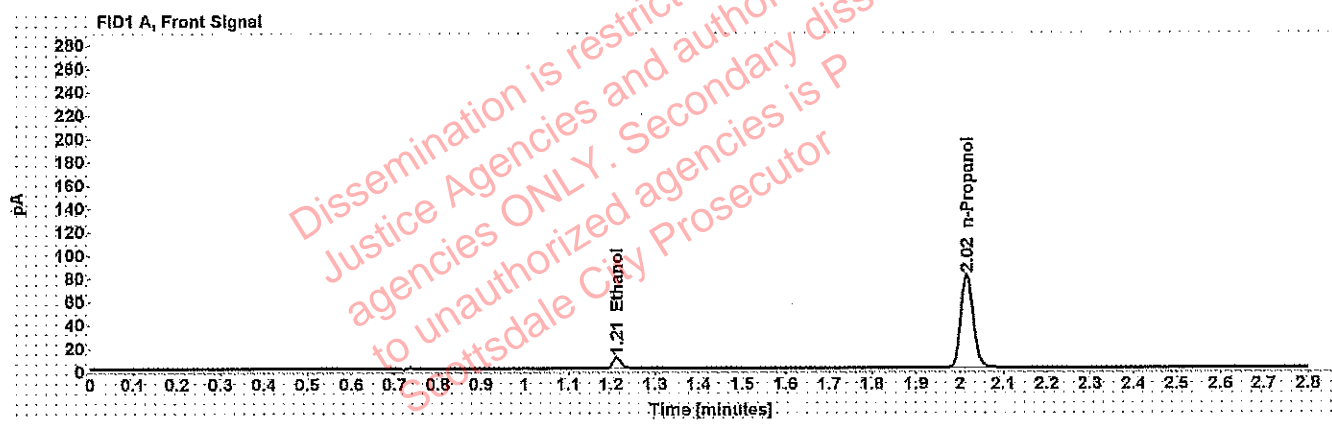


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.906
n-Propanol	2.016	159.810

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

Compound	Time (min)	Peak Area
Ethanol	1.377	14.595
n-Propanol	2.470	195.718

Scottsdale Police Department Crime Lab Volatiles Analysis

WAA

Sample: FN06181501	Vial: 2
Description: 0.100 calibrator	Sequence: 14May19
Method: ethanol quant.M	Injection date: 5/14/2019 2:37:21 PM
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\rsdtest3\14May19\2.D	

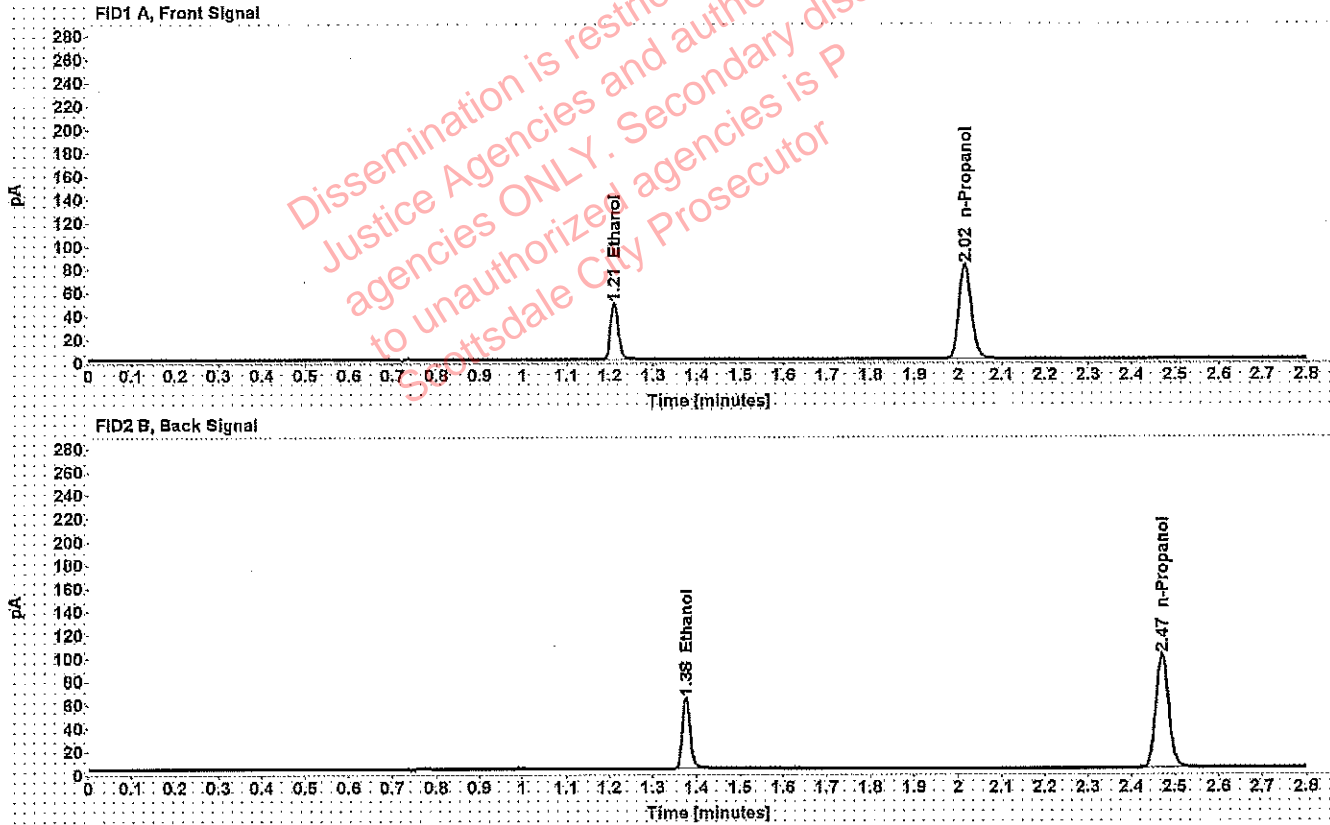


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	61.593
n-Propanol	2.016	161.466

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

Compound	Time (min)	Peak Area
Ethanol	1.376	76.047
n-Propanol	2.470	198.297

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	FN07201502	Vial:	3
Description:	0.200 calibrator	Sequence:	14May19
Method:	ethanol quant.M	Injection date:	5/14/2019 2:41:20 PM
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\rstdtest3\14May19\3.D		

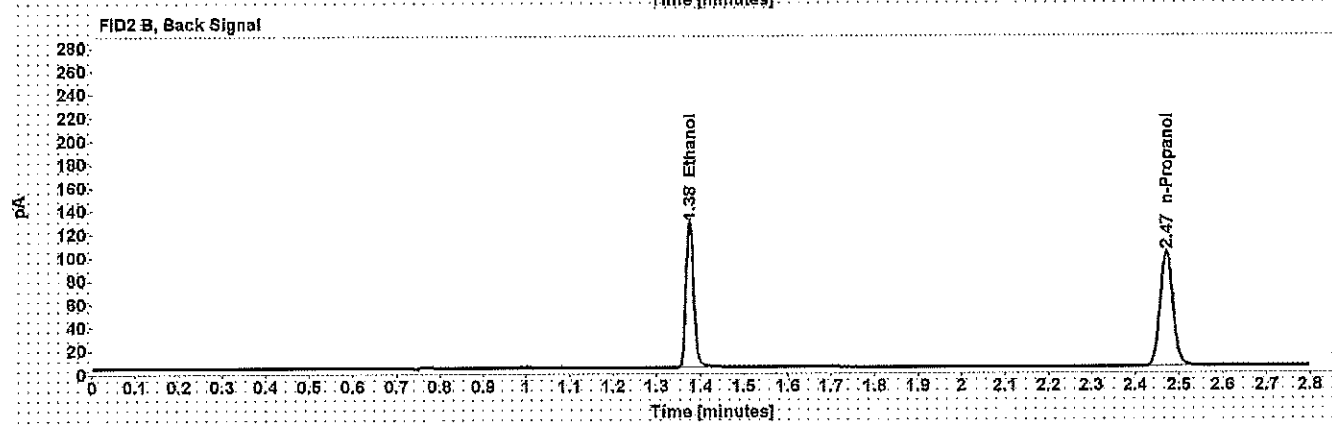
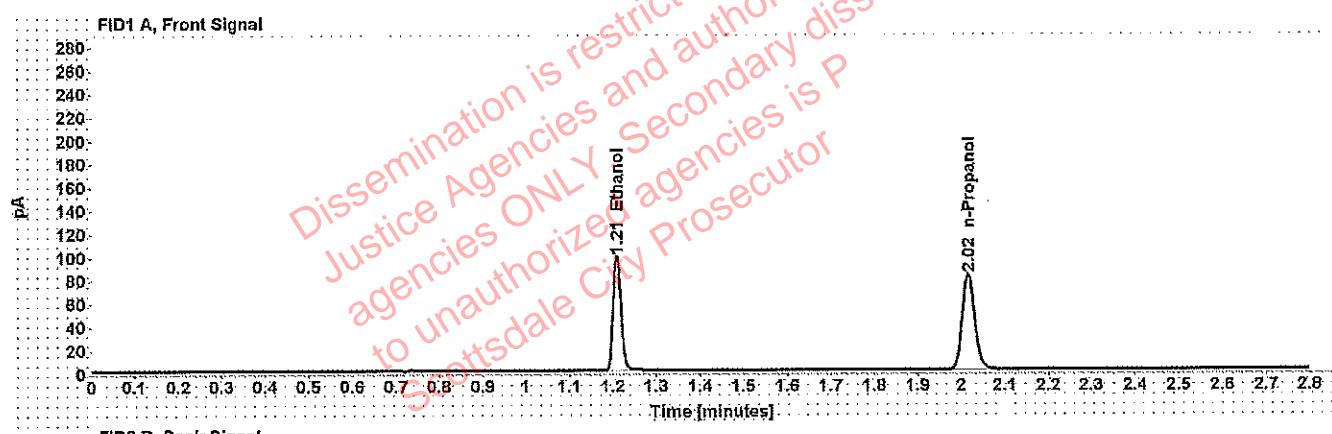


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	124.906
n-Propanol	2.016	163.438

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

Compound	Time (min)	Peak Area
Ethanol	1.375	154.960
n-Propanol	2.470	200.783

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	FN11191402	Vial:	4
Description:	0.400 calibrator	Sequence:	14May19
Method:	ethanol quant.M	Injection date:	5/14/2019 2:45:19 PM
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\4.D		

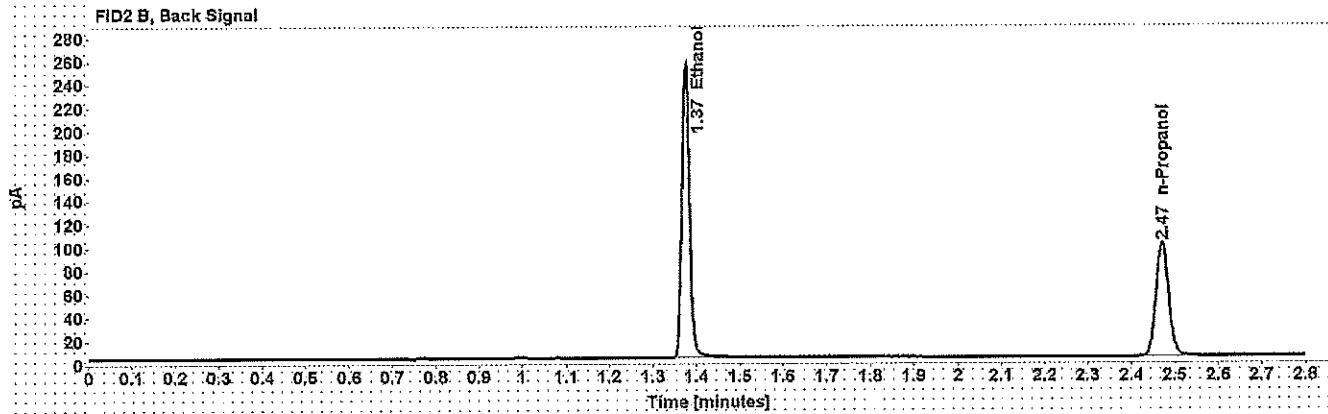
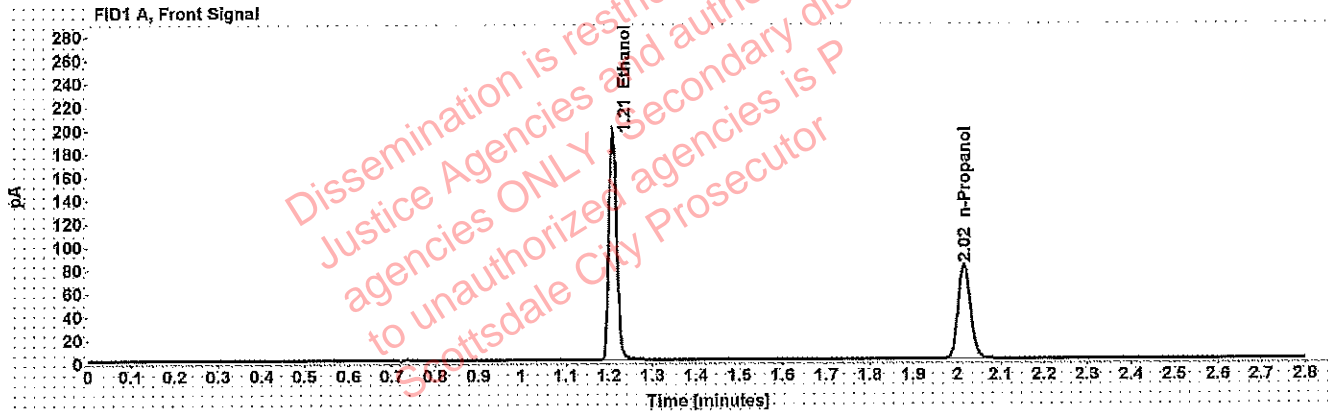


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	248.901
n-Propanol	2.016	161.872

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

Compound	Time (min)	Peak Area
Ethanol	1.375	310.985
n-Propanol	2.470	198.986

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	121118	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 2:49:20 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\5.D	Analyst:	Adrian

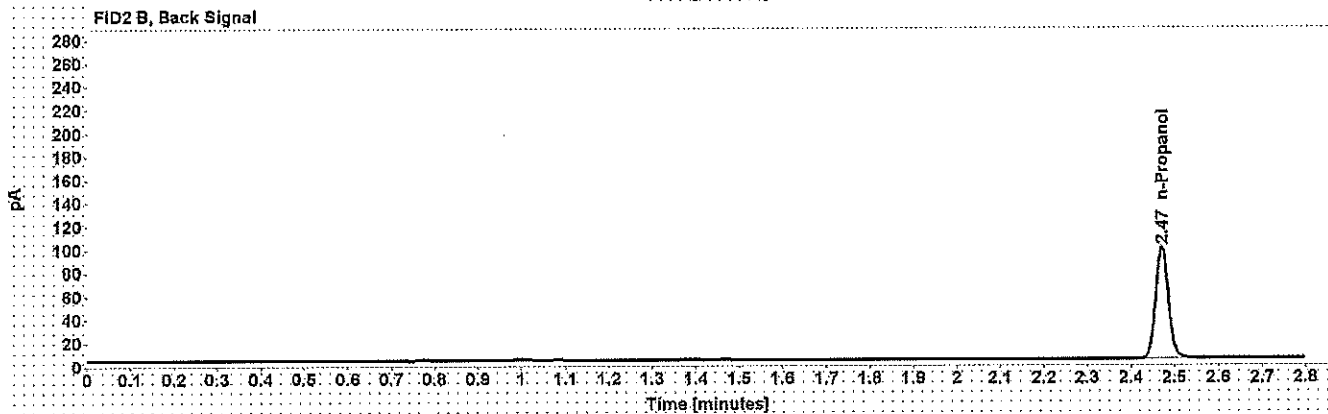
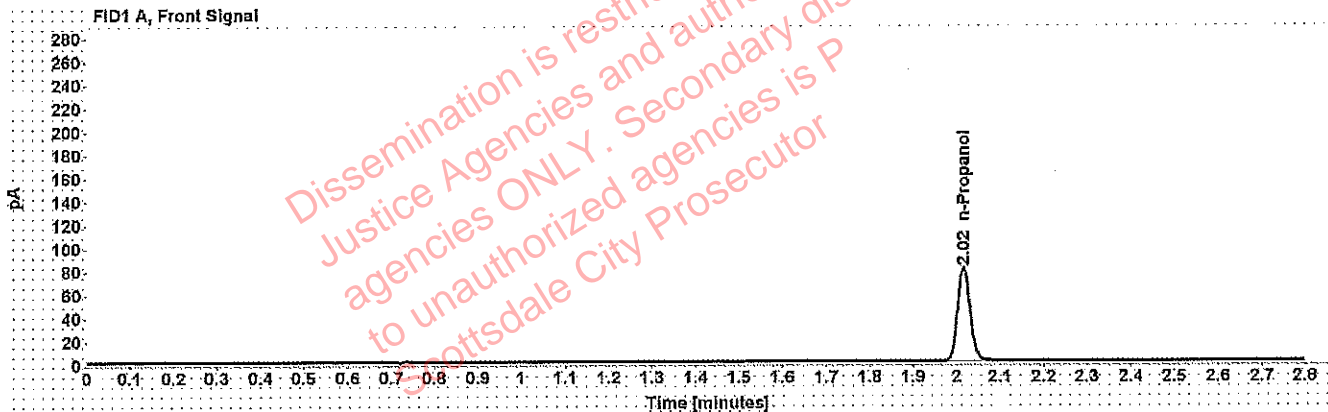


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.016	159.961

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	196.176

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	020917	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 2:53:19 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\6.D	Analyst:	Adrian

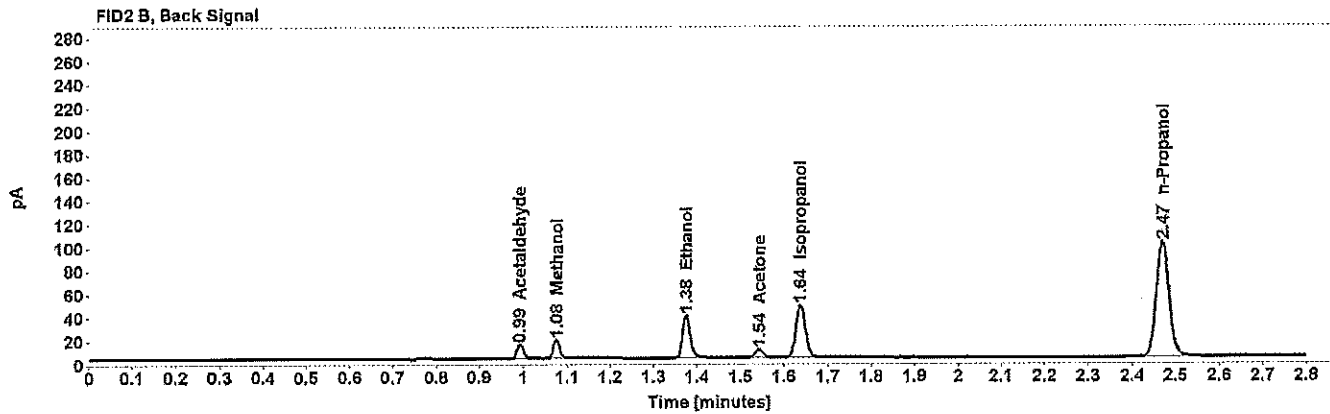
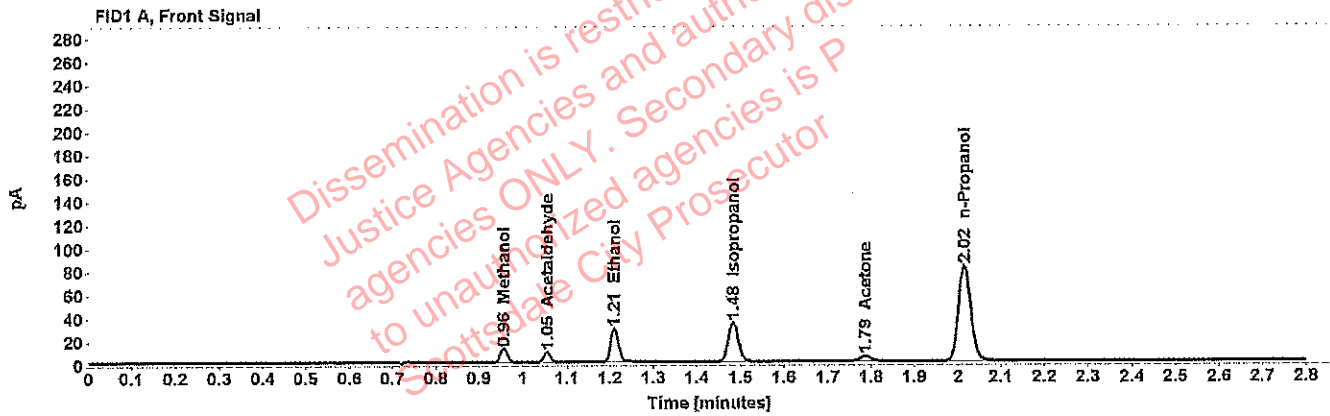


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	13.353
Acetaldehyde	-----	1.055	9.244
>Ethanol	0.0592	1.210	36.808
Isopropanol	-----	1.483	53.967
Acetone	-----	1.785	7.505
n-Propanol	-----	2.015	164.141

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	11.971
Methanol	1.076	16.955
Ethanol	1.375	45.409
Acetone	1.543	8.997
Isopropanol	1.637	67.882
n-Propanol	2.469	201.734

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	08012015-C	Vial:	7
Description:	0.400 WABIS 70 5/20/19	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 2:57:34 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\7.D	Analyst:	Adrian

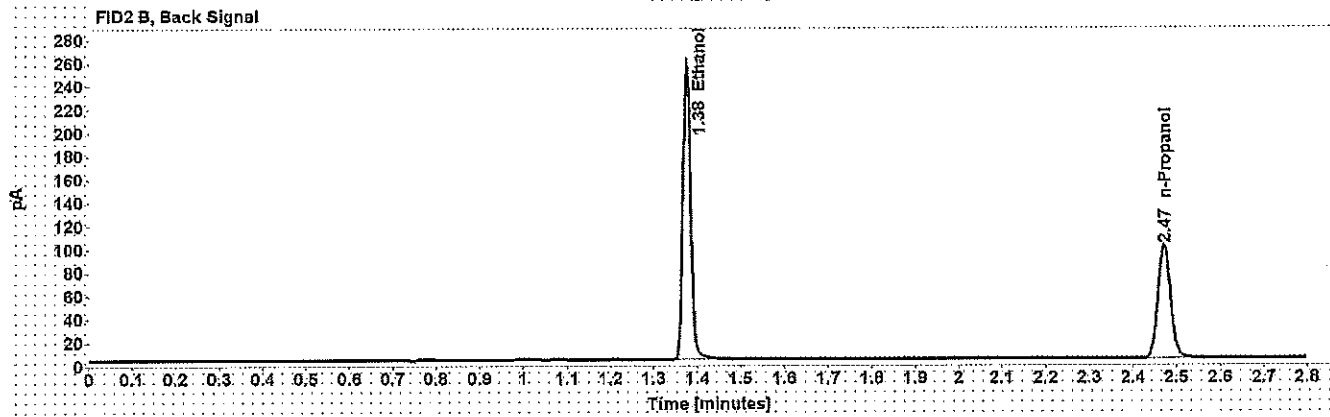
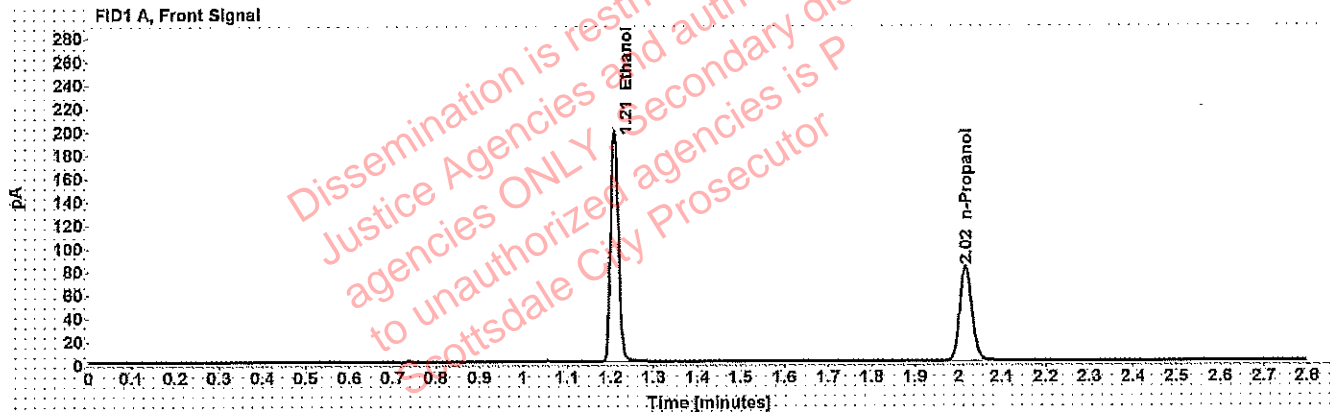


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4033	1.209	251.196
n-Propanol	-----	2.016	162.115

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

Compound	Time (min)	Peak Area
Ethanol	1.375	313.730
n-Propanol	2.471	198.964

Scottsdale Police Department Crime Lab Volatiles Analysis

4/8

Sample:	09022015-A	Vial:	8
Description:	0.040 wAB 1570 5/20/19	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 3:01:34 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\8.D	Analyst:	Adrian

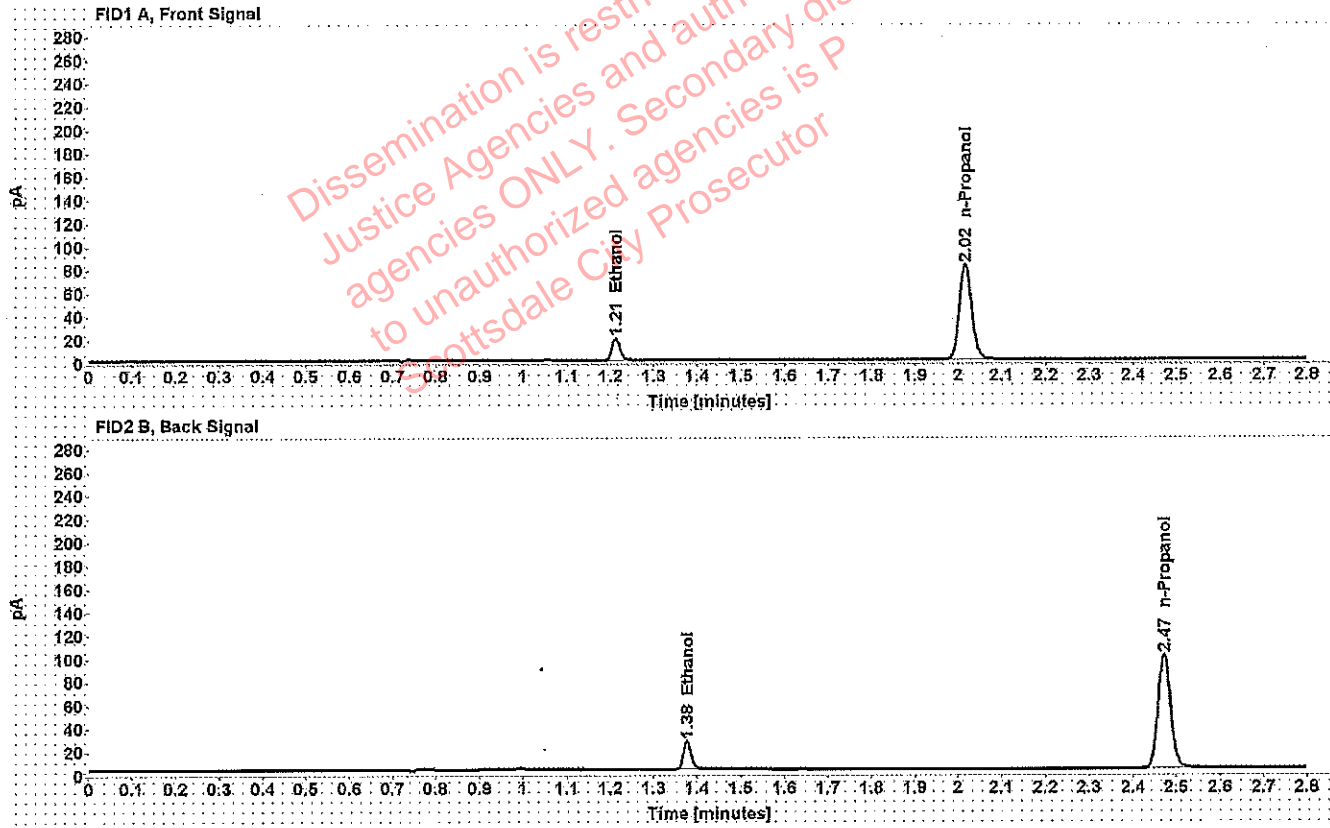


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0402	1.212	24.524
n-Propanol	-----	2.017	162.201

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

Compound	Time (min)	Peak Area
Ethanol	1.378	30.172
n-Propanol	2.472	199.334

Scottsdale Police Department Crime Lab Volatiles Analysis

W4

Sample:	407041529/13	Vial:	9
Description:	0.198	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 3:05:34 PM
Data file:	C:\Chem32\1\Data\rstdtest3\14May19\9.D	Analyst:	Adrian

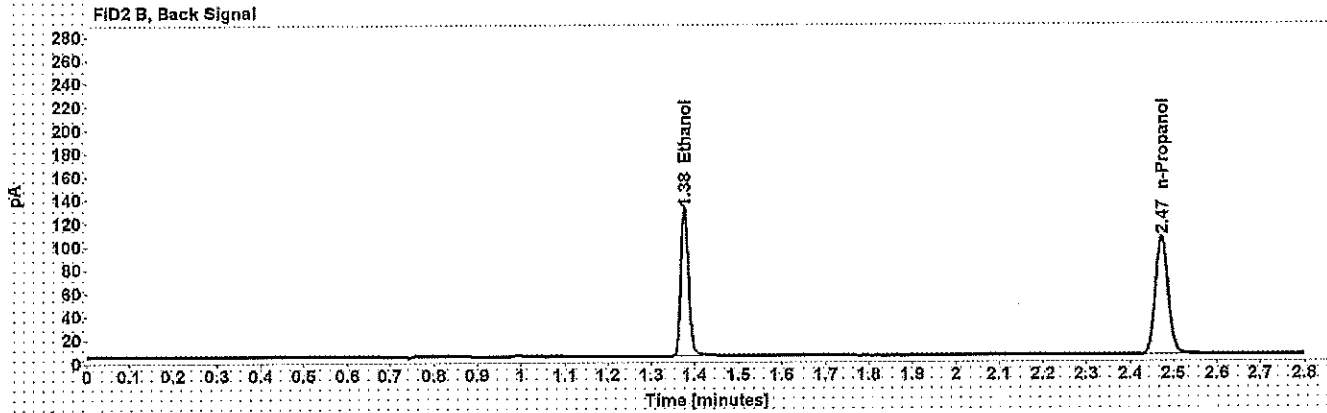
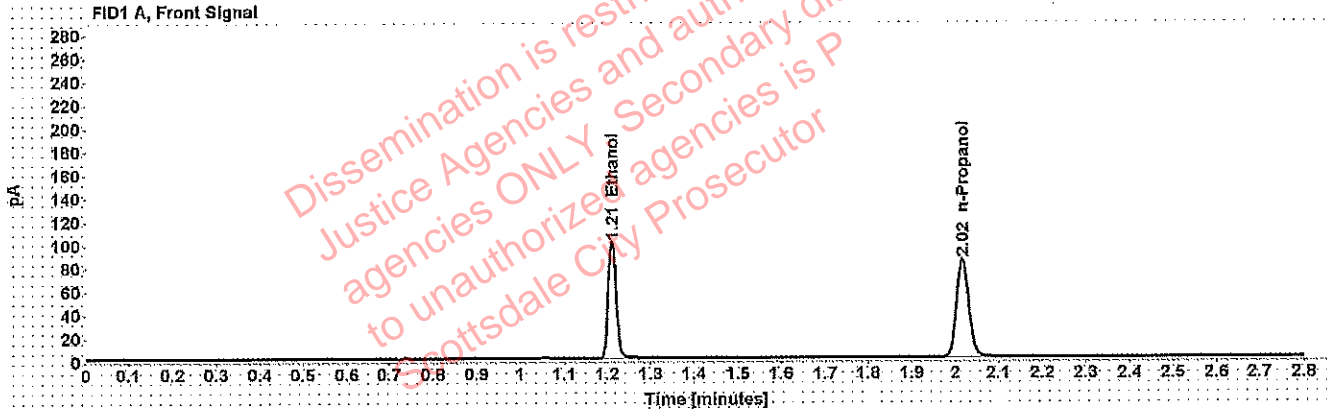


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1993	1.211	128.313
n-Propanol	-----	2.017	168.007

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

Compound	Time (min)	Peak Area
Ethanol	1.377	159.914
n-Propanol	2.472	206.594

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	28082014-B	Vial:	20
Description:	0.080 WABIS 70 5/20/19	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 3:50:05 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\20.D	Analyst:	Adrian

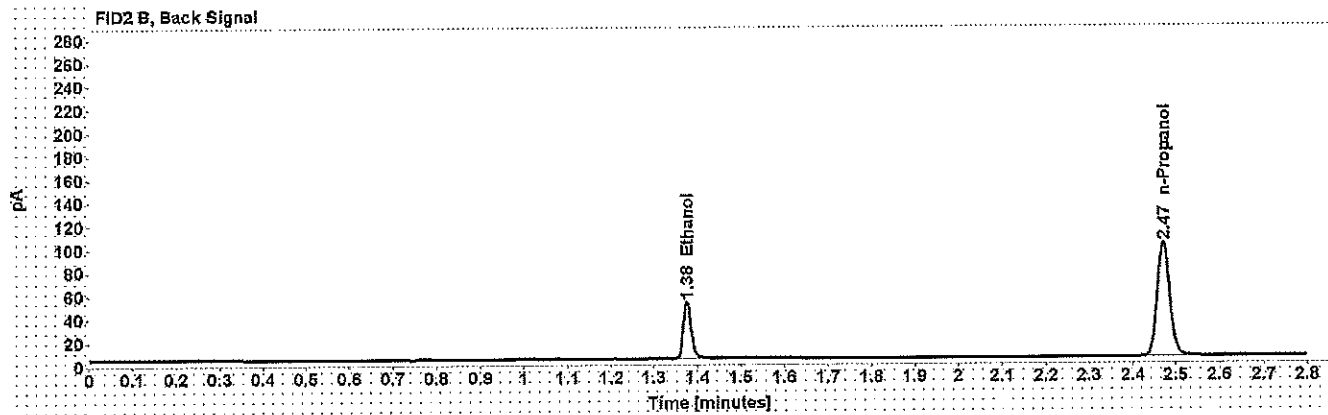
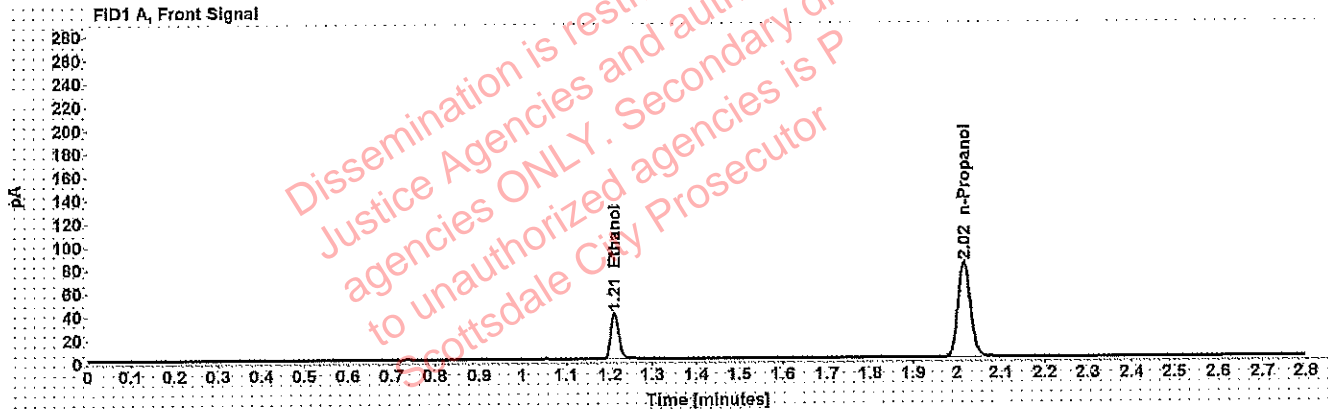


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0805	1.210	49.864
n-Propanol	-----	2.016	162.702

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

Compound	Time (min)	Peak Area
Ethanol	1.376	61.486
n-Propanol	2.471	199.344

Scottsdale Police Department Crime Lab Volatiles Analysis

AA

Sample:	09022015-C	Vial:	31
Description:	0.150 WAB1570 5/20/19	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 4:34:35 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\31.D	Analyst:	Adrian

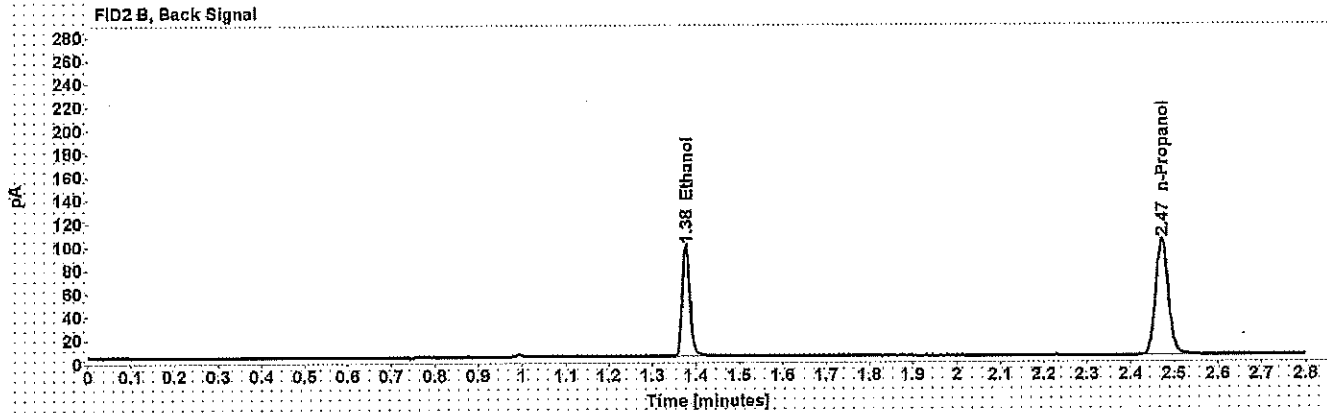
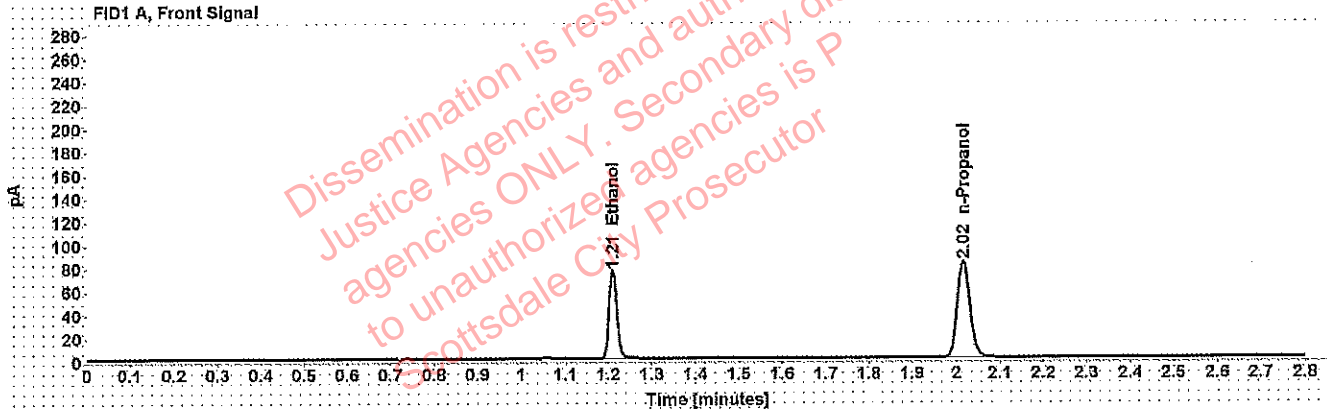


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1523	1.210	96.465
n-Propanol	-----	2.017	165.559

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

Compound	Time (min)	Peak Area
Ethanol	1.376	119.049
n-Propanol	2.471	203.112

Scottsdale Police Department Crime Lab Volatiles Analysis

WAA

Sample: 407041529/13	Vial: 42
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 14May19
Instrument: US14173023 CN14160045	Injection date: 5/14/2019 5:18:49 PM
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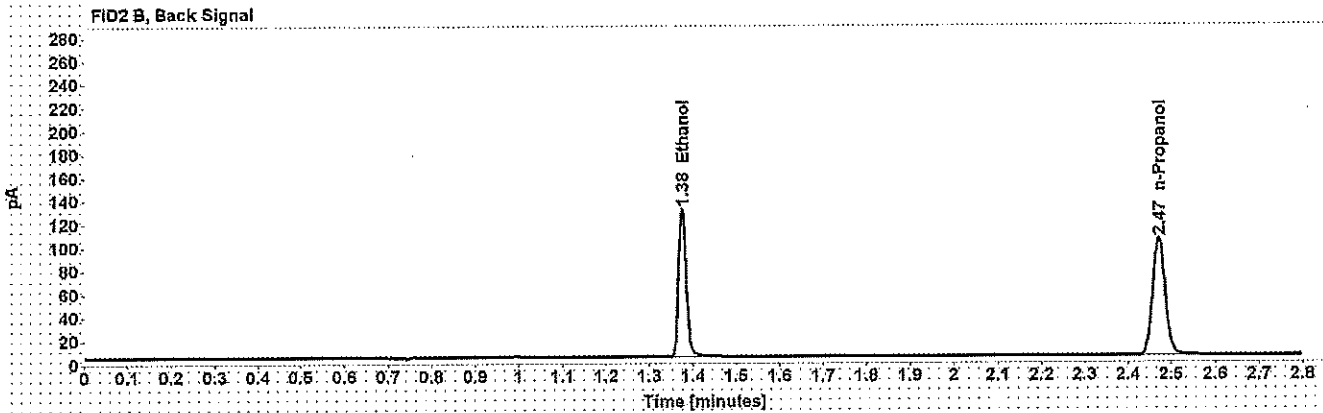
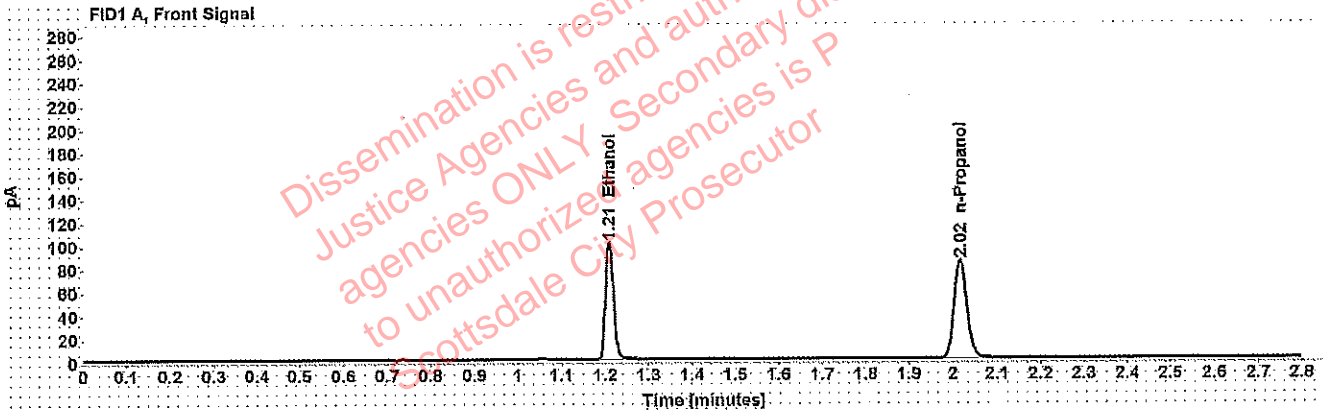


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1997	1.210	128.406
n-Propanol	-----	2.016	167.766

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

Compound	Time (min)	Peak Area
Ethanol	1.376	160.466
n-Propanol	2.471	206.532

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	28082014-B	Vial:	53
Description:	0.080 ^{WAB1570} 5/20/19	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 6:03:19 PM
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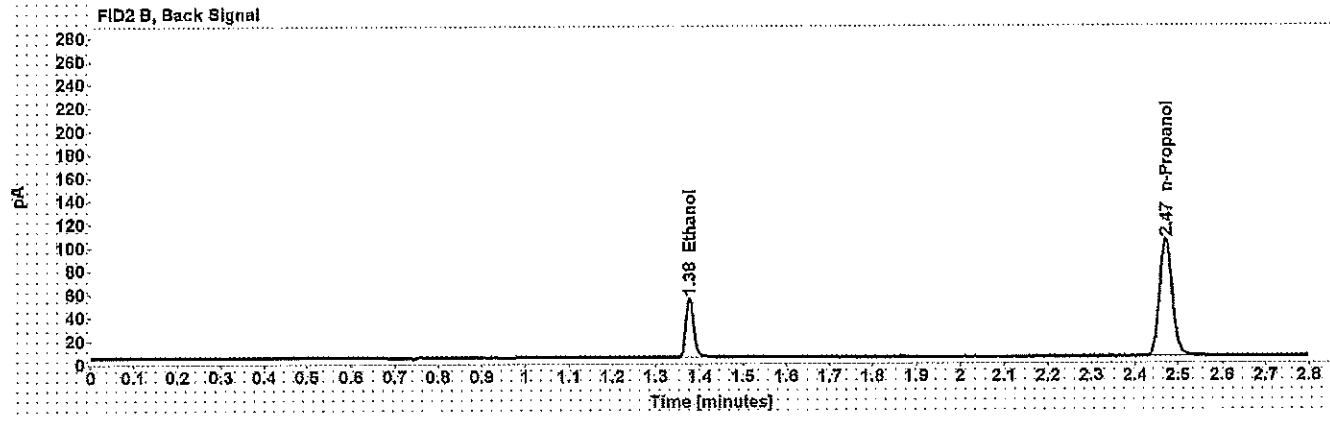
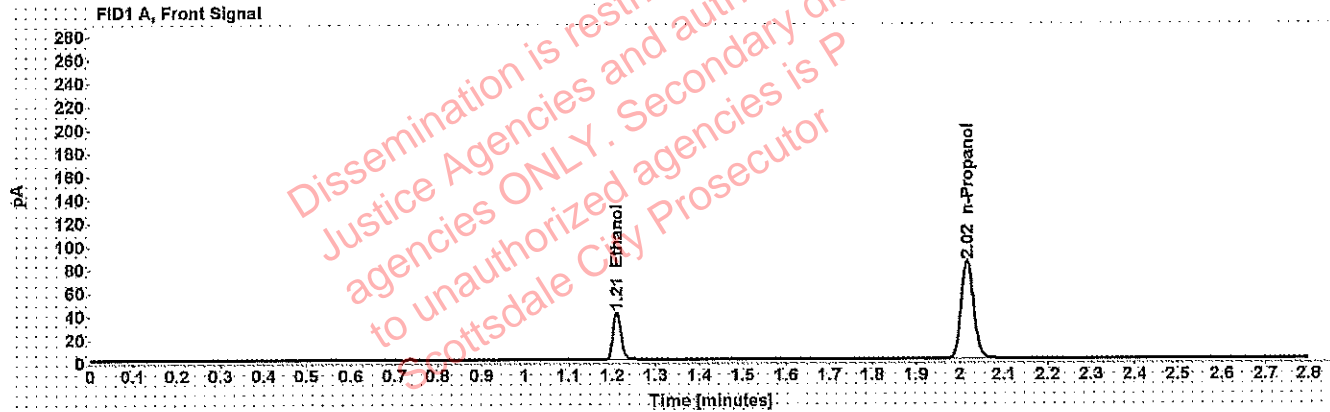


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0809	1.211	51.651
n-Propanol	-----	2.016	167.783

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

Compound	Time (min)	Peak Area
Ethanol	1.377	63.852
n-Propanol	2.471	206.090

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	09022015-C	Vial:	64
Description:	0.150 ^{WAB1570} _{5/16/19}	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 6:47:49 PM
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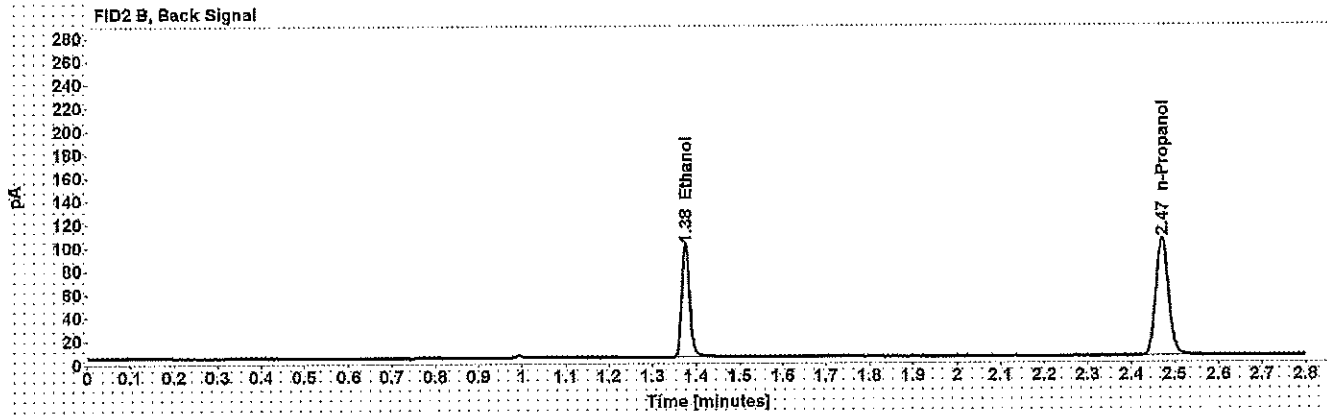
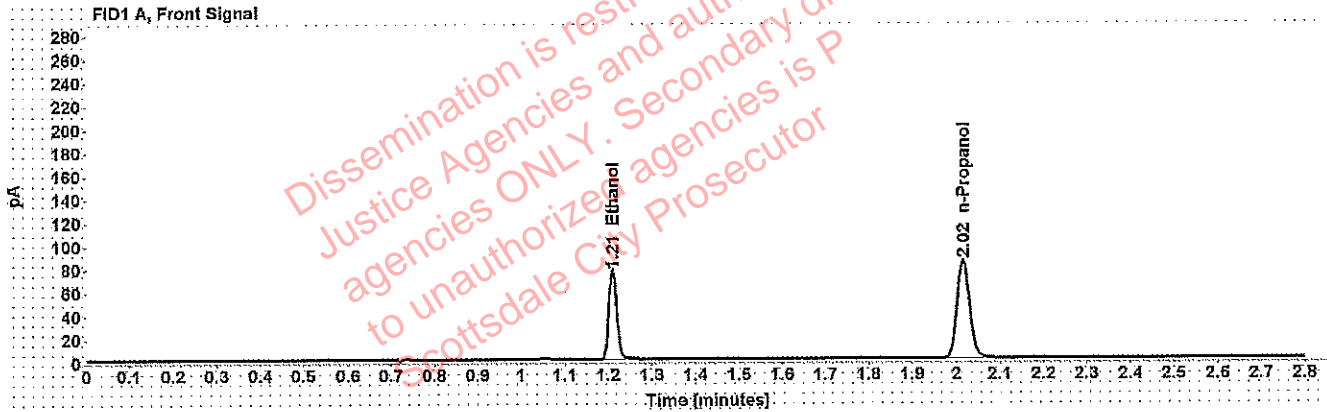


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1516	1.210	97.330
n-Propanol	-----	2.016	167.834

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

Compound	Time (min)	Peak Area
Ethanol	1.375	120.365
n-Propanol	2.470	208.732

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	08012015-C	Vial:	73
Description:	0.40g WAB1579 5/20/19	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 7:24:20 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\73.D	Analyst:	Adrian

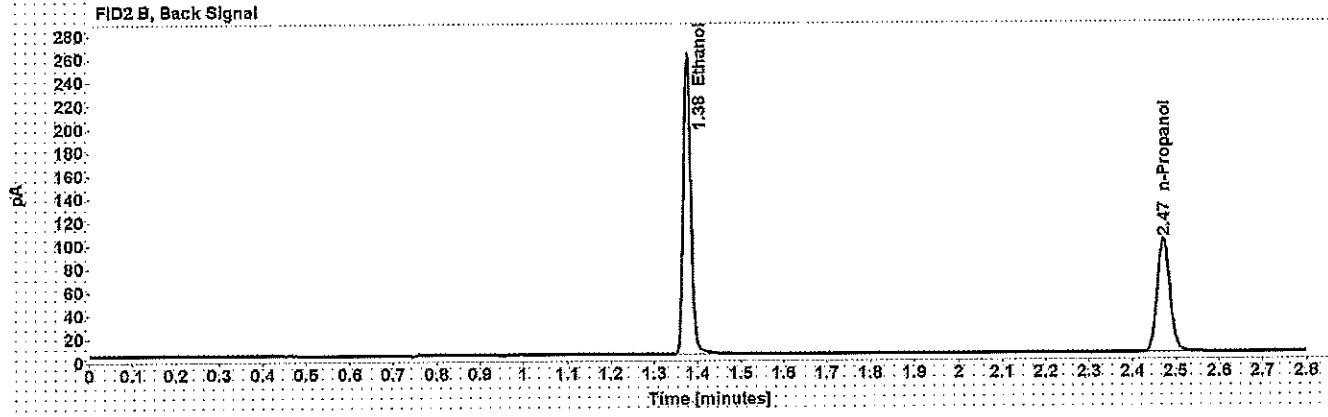
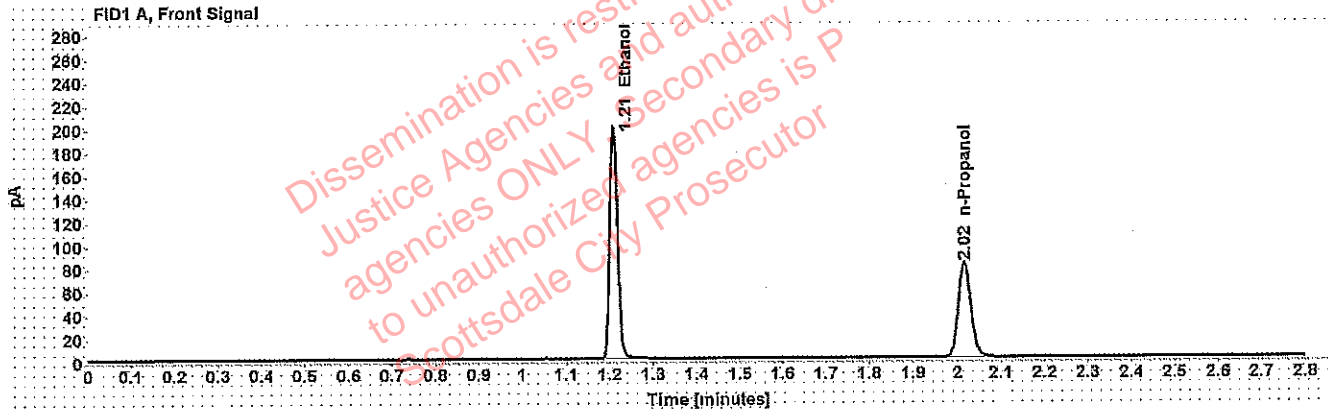


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4076	1.209	254.131
n-Propanol	-----	2.016	162.294

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

Compound	Time (min)	Peak Area
Ethanol	1.376	317.870
n-Propanol	2.471	200.073

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	09022015-A	Vial:	74
Description:	0.040 ^{WA B1570} 5/20/19	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 7:28:20 PM
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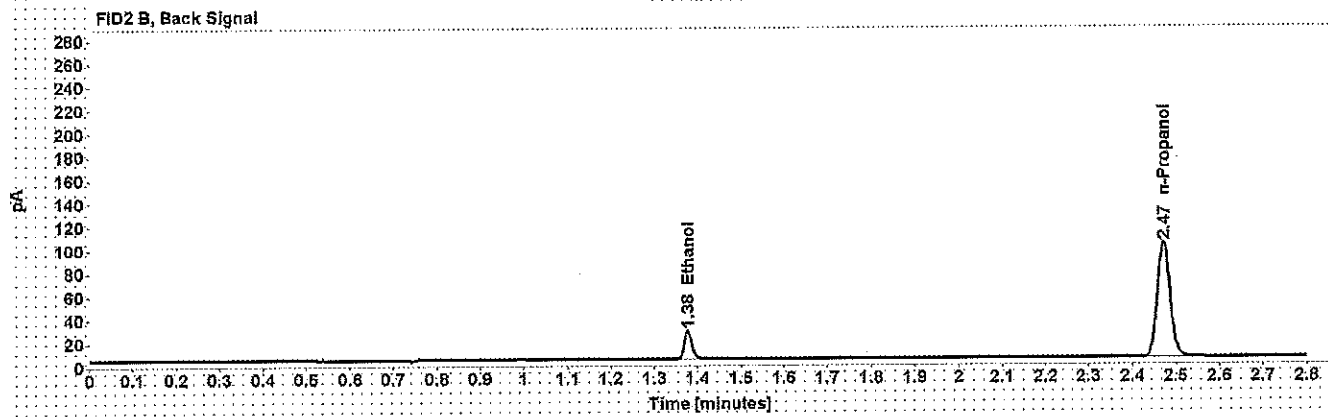
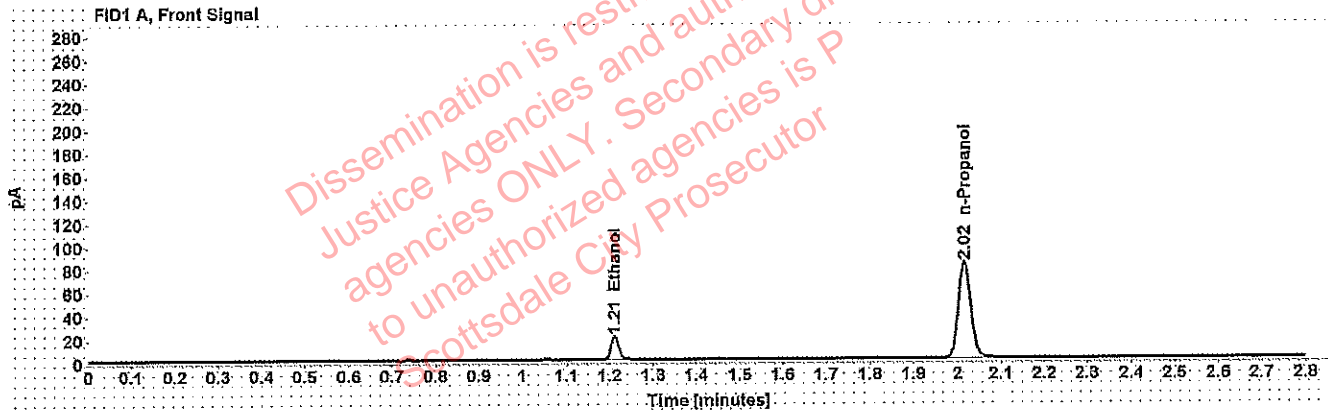


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0402	1.211	24.876
n-Propanol	-----	2.016	164.546

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

Compound	Time (min)	Peak Area
Ethanol	1.377	30.767
n-Propanol	2.471	202.247

Scottsdale Police Department Crime Lab Volatiles Analysis

144

Sample:	407041529/13	Vial:	75
Description:	0.198	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 7:32:21 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\75.D	Analyst:	Adrian

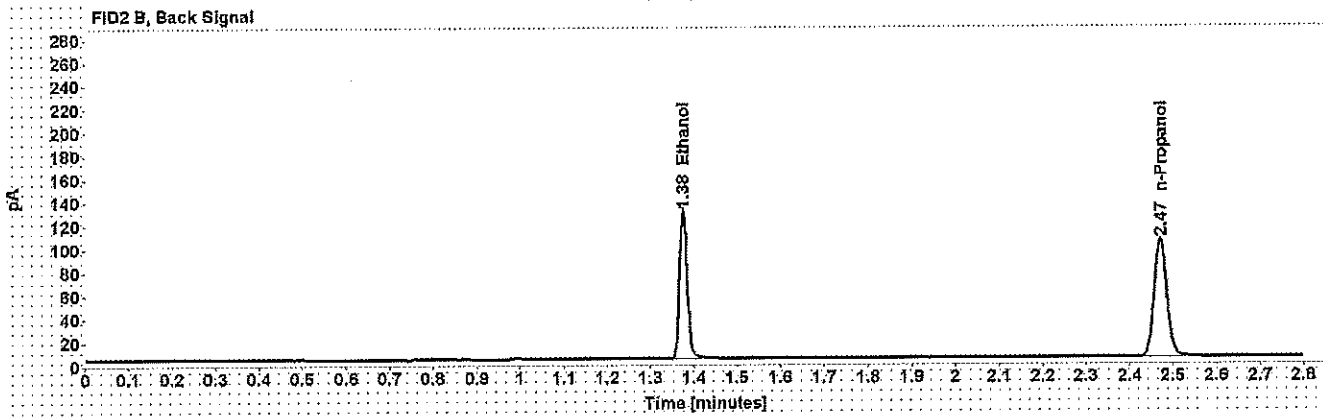
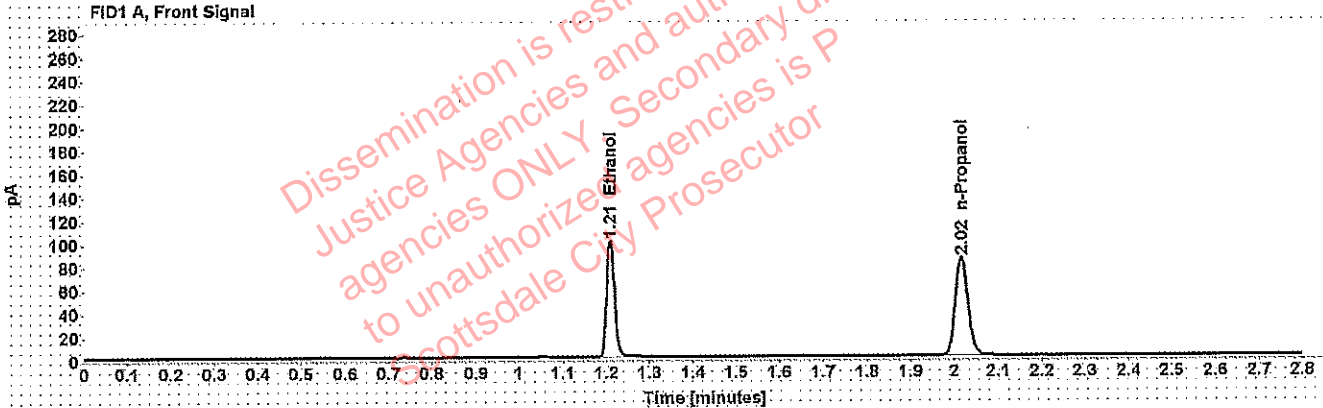


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1980	1.209	127.570
n-Propanol	-----	2.016	168.116

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

Compound	Time (min)	Peak Area
Ethanol	1.375	159.633
n-Propanol	2.471	207.010

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	040919WB	Vial:	76
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 7:36:20 PM
Data file:	C:\Chem32\1\Data\rstdtest3\14May19\76.D	Analyst:	Adrian

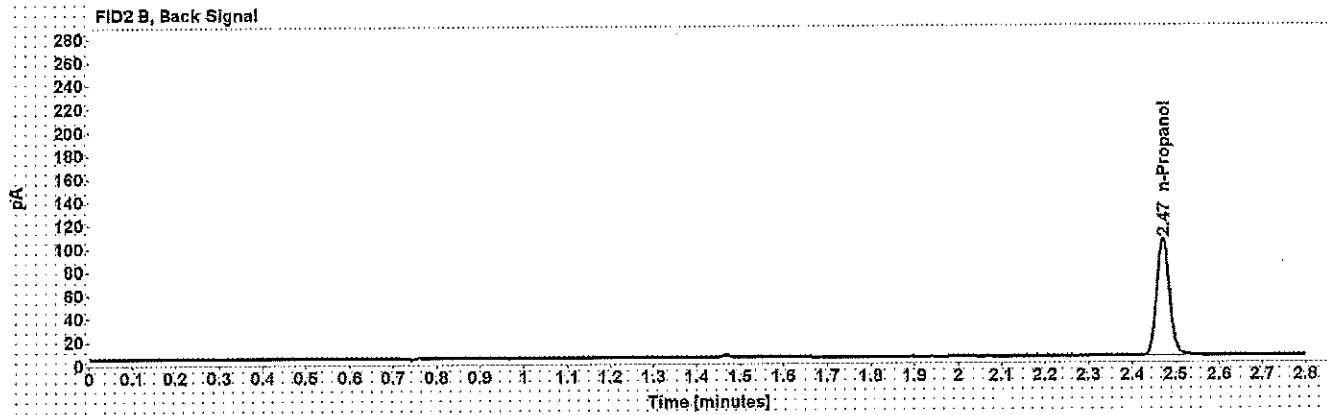


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	166.670

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

Compound	Time (min)	Peak Area
n-Propanol	2.471	205.150

Sequence Summary

Sequence name: 14May19 Instrument: US14173023 CN14160045 Analyst: Adrian

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03241604	0.020 calibrator	Calibration		ethanol quant.M
2	FN06181501	0.100 calibrator	Calibration		ethanol quant.M
3	FN07201502	0.200 calibrator	Calibration		ethanol quant.M
4	FN11191402	0.400 calibrator	Calibration		ethanol quant.M
5	121118	Negative	Control		ethanol quant.M
6	020917	Volatiles mix	Control		ethanol quant.M
7	08012015-C	0.400 WAB1570 5/20/19	Control		ethanol quant.M
8	09022015-A	0.040 WAB1570 5/20/19	Control		ethanol quant.M
9	407041529/13	0.198	Control		ethanol quant.M
10			Sample		ethanol quant.M
11			Sample		ethanol quant.M
12			Sample		ethanol quant.M
13			Sample		ethanol quant.M
14			Sample		ethanol quant.M
15			Sample		ethanol quant.M
16			Sample		ethanol quant.M
17			Sample		ethanol quant.M
18			Sample		ethanol quant.M
19			Sample		ethanol quant.M
20	28082014-B	0.080 WAB1570 5/20/19	Control		ethanol quant.M
21			Sample		ethanol quant.M
22			Sample		ethanol quant.M
23			Sample		ethanol quant.M
24			Sample		ethanol quant.M
25			Sample		ethanol quant.M
26			Sample		ethanol quant.M
27			Sample		ethanol quant.M
28			Sample		ethanol quant.M
29			Sample		ethanol quant.M
30			Sample		ethanol quant.M
31	09022015-C	0.150 WAB1570 5/20/19	Control		ethanol quant.M
32			Sample		ethanol quant.M
33			Sample		ethanol quant.M
34			Sample		ethanol quant.M
35			Sample		ethanol quant.M
36			Sample		ethanol quant.M
37			Sample		ethanol quant.M
38			Sample		ethanol quant.M
39			Sample		ethanol quant.M
40			Sample		ethanol quant.M
41			Sample		ethanol quant.M
42	407041529/13	0.198	Control		ethanol quant.M
43			Sample		ethanol quant.M
44			Sample		ethanol quant.M
45			Sample		ethanol quant.M
46			Sample		ethanol quant.M
47			Sample		ethanol quant.M

Sequence Summary

4/4 May 19 WLA B1570
9/5/19

48			Sample		ethanol quant.M
49			Sample		ethanol quant.M
50			Sample		ethanol quant.M
51			Sample		ethanol quant.M
52			Sample		ethanol quant.M
53	28082014-B	0.080 WAB1570 5/20/19	Control		ethanol quant.M
54			Sample		ethanol quant.M
55			Sample		ethanol quant.M
56			Sample		ethanol quant.M
57			Sample		ethanol quant.M
58			Sample		ethanol quant.M
59			Sample		ethanol quant.M
60			Sample		ethanol quant.M
61			Sample		ethanol quant.M
62			Sample		ethanol quant.M
63			Sample		ethanol quant.M
64	09022015-C	0.150 WAB1570 5/20/19	Control		ethanol quant.M
65			Sample		ethanol quant.M
66			Sample		ethanol quant.M
67			Sample		ethanol quant.M
68			Sample		ethanol quant.M
69			Sample		ethanol quant.M
70			Sample		ethanol quant.M
71			Sample		ethanol quant.M
72			Sample		ethanol quant.M
73	08012015-C	0.400 WAB1570 5/20/19	Control		ethanol quant.M
74	09022015-A	0.040 WAB1570 5/20/19	Control		ethanol quant.M
75	407041529/13	0.198	Control		ethanol quant.M
76	040919WB	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory

Summary of Cases

SEQUENCE NAME: 14May19

ANALYST: Adrian W4

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1138	0.1144	0.11410	0.26	0.00030
12 13	0.2373	0.2360	0.23665	0.27	0.00065
14 15	0.1518	0.1522	0.15200	0.13	0.00020
16 17	0.2669	0.2668	0.26685	0.02	0.00005
18 19	0.1279	0.1286	0.12825	0.27	0.00035
21 22	0.1105	0.1102	0.11035	0.14	0.00015
23 24	0.1130	0.1131	0.11305	0.04	0.00005
25 26	0.0924	0.0922	0.09230	0.11	0.00010
27 28	0.0627	0.0624	0.06255	0.24	0.00015
29 30	0.1625	0.1630	0.16275	0.15	0.00025
32 33	0.1382	0.1397	0.13895	0.54	0.00075
34 35	0.0785	0.0795	0.07900	0.63	0.00050
36 37	0.1182	0.1174	0.11780	0.34	0.00040
38 39	0.1759	0.1768	0.17635	0.26	0.00045
40 41	0.1757	0.1769	0.17630	0.34	0.00060
43 44	0.1933	0.1946	0.19395	0.34	0.00065
45 46	0.1506	0.1515	0.15105	0.30	0.00045
47 48	0.2436	0.2440	0.24380	0.08	0.00020
49 50	0.1517	0.1514	0.15155	0.10	0.00015
51 52	0.1510	0.1512	0.15110	0.07	0.00010
54 55	0.2042	0.2068	0.20550	0.63	0.00130
56 57	0.0799	0.0791	0.07950	0.50	0.00040
58 59	0.1526	0.1515	0.15205	0.36	0.00055
60 61	0.2497	0.2501	0.24990	0.08	0.00020
62 63	0.0361	0.0361	0.03610	0.00	0.00000
65 66	0.2900	0.2892	0.28960	0.14	0.00040
67 68	0.2029	0.2008	0.20185	0.52	0.00105
69 70	0.1154	0.1126	0.11400	1.23	0.00140
71 72	0.3037	0.3072	0.30545	0.57	0.00175

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 3:09:34 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\10.D	Analyst:	Adrian

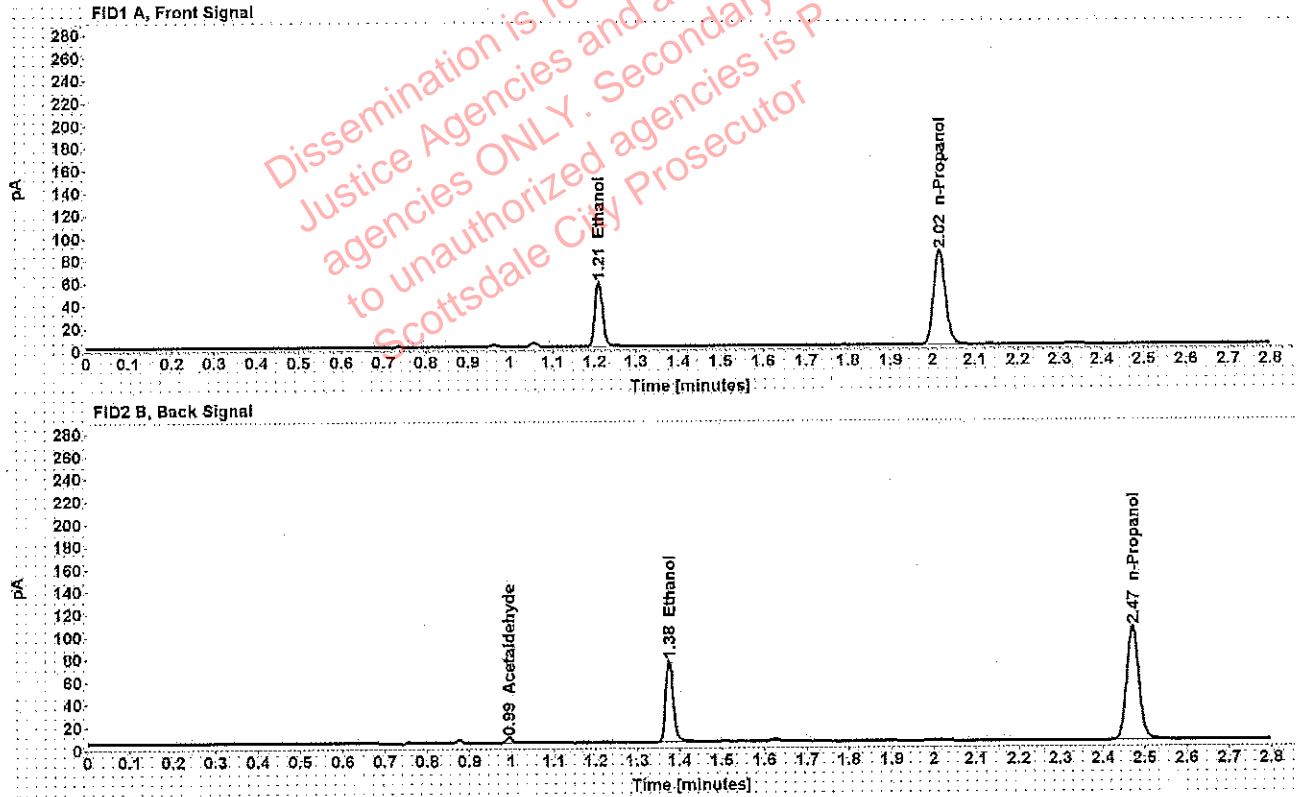


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1138	1.210	73.081
n-Propanol	-----	2.016	168.119

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.645
Ethanol	1.376	90.401
n-Propanol	2.471	206.029

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 3:13:35 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\11.D	Analyst:	Adrian

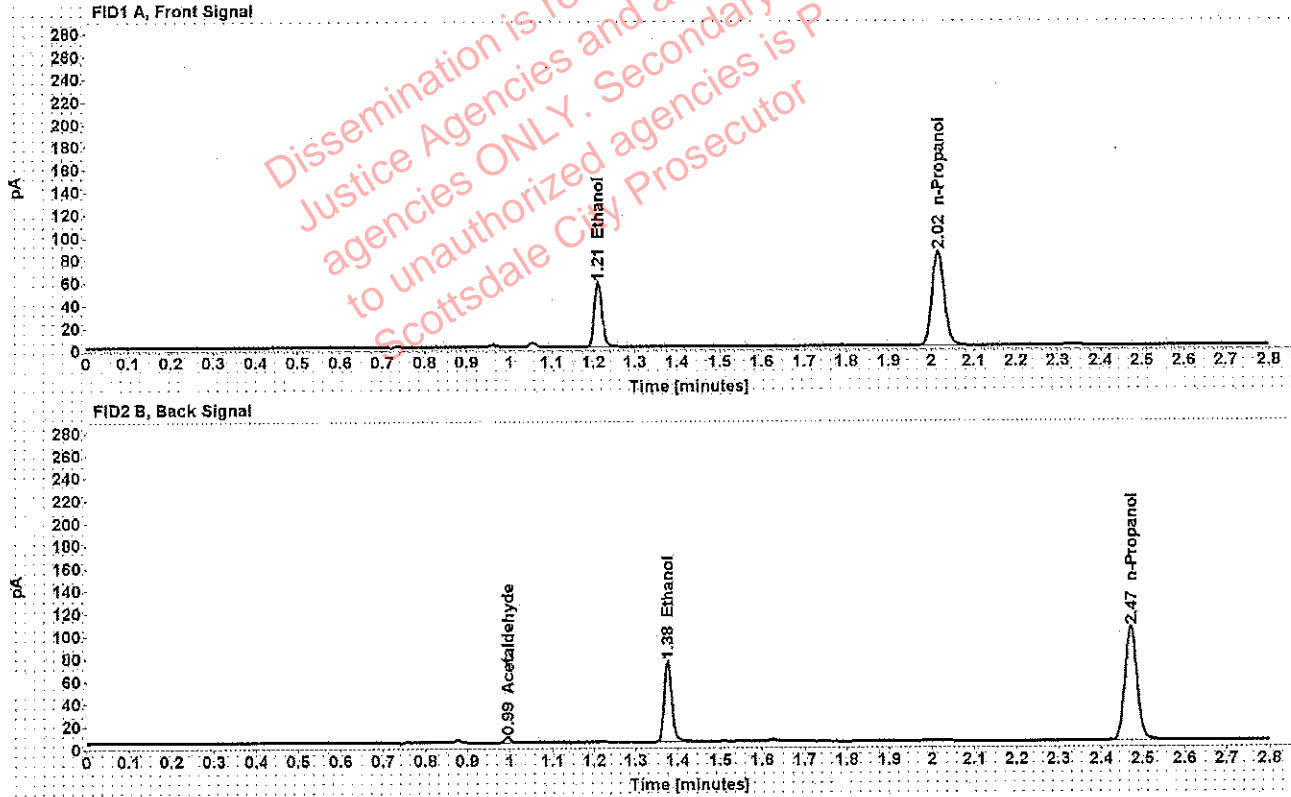


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1144	1.210	72.725
n-Propanol	-----	2.016	166.420

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.577
Ethanol	1.376	89.846
n-Propanol	2.471	205.473

Adrian, William - (15-May-2019)

Case: User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	12
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 3:17:34 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\12.D	Analyst:	Adrian

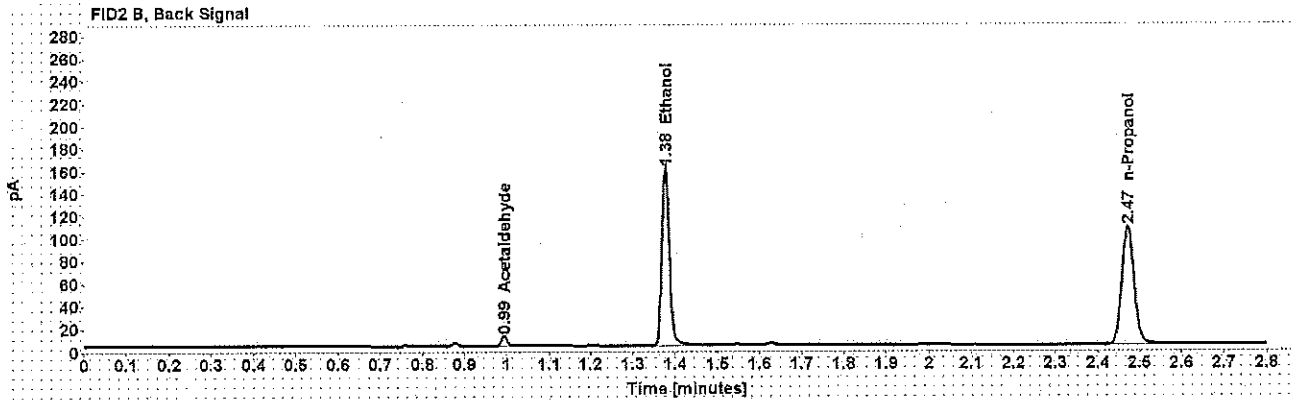
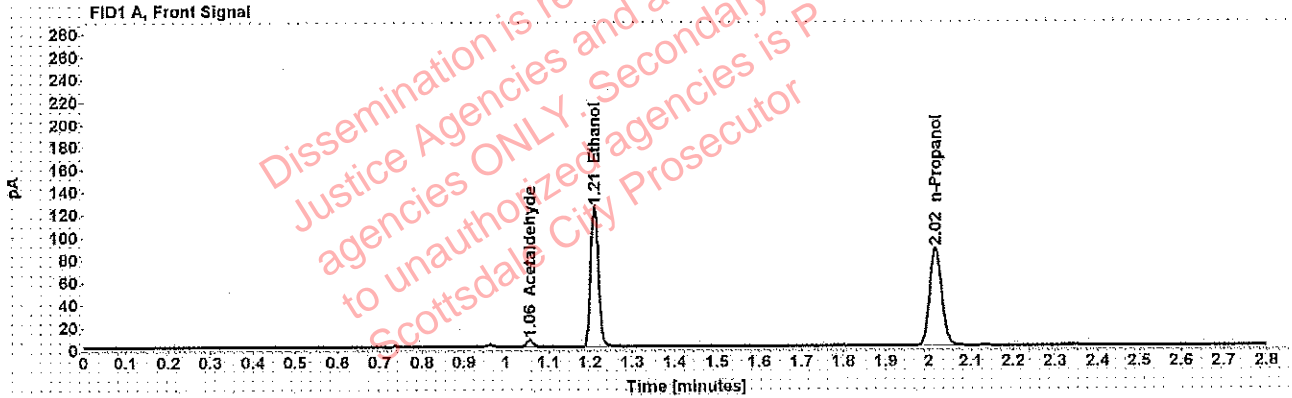


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	6.472
>Ethanol	0.2373	1.210	158.566
n-Propanol	-----	2.016	174.211

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	8.468
Ethanol	1.376	199.197
n-Propanol	2.472	213.357

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 3:21:49 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\13.D	Analyst:	Adrian

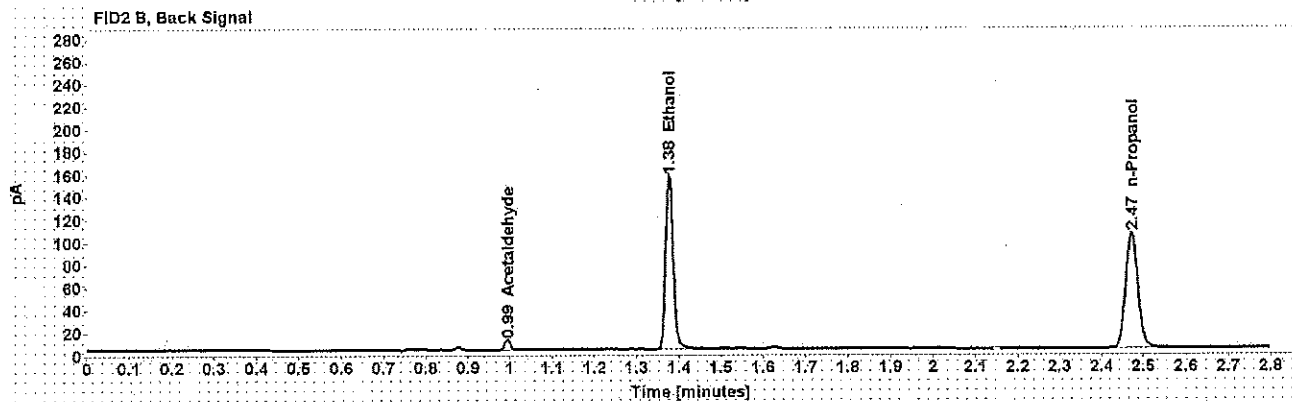
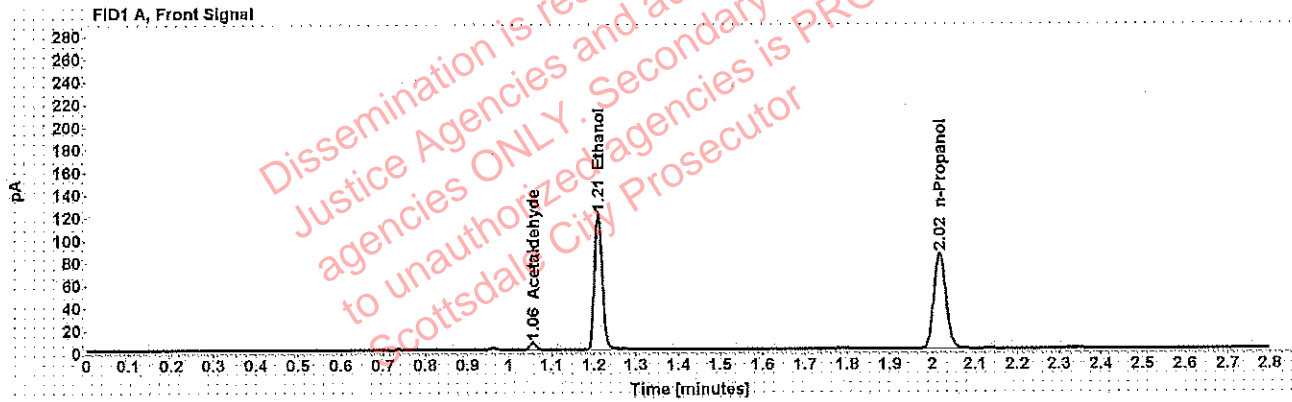


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	6.355
>Ethanol	0.2360	1.210	154.765
n-Propanol	-----	2.017	170.991

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	8.300
Ethanol	1.377	193.901
n-Propanol	2.472	209.150

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 3:25:50 PM
Data file:	C:\Chem32\11\Data\rsdtest3\14May19\14.D	Analyst:	Adrian

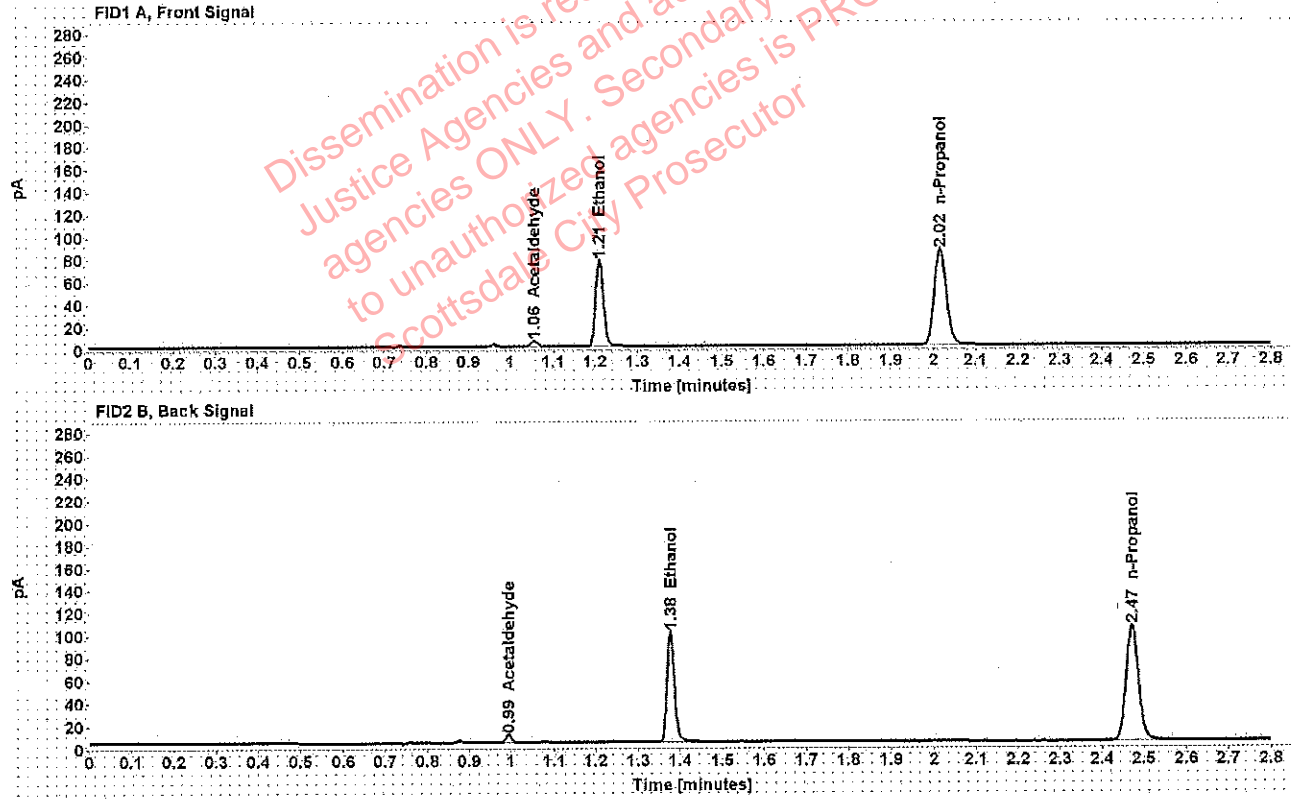


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	5.070
>Ethanol	0.1518	1.210	98.382
n-Propanol	-----	2.017	169.390

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.689
Ethanol	1.377	121.517
n-Propanol	2.472	207.569

: Adrian, William - (15-May-2019)

Case: [REDACTED] User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 3:29:51 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\15.D	Analyst:	Adrian

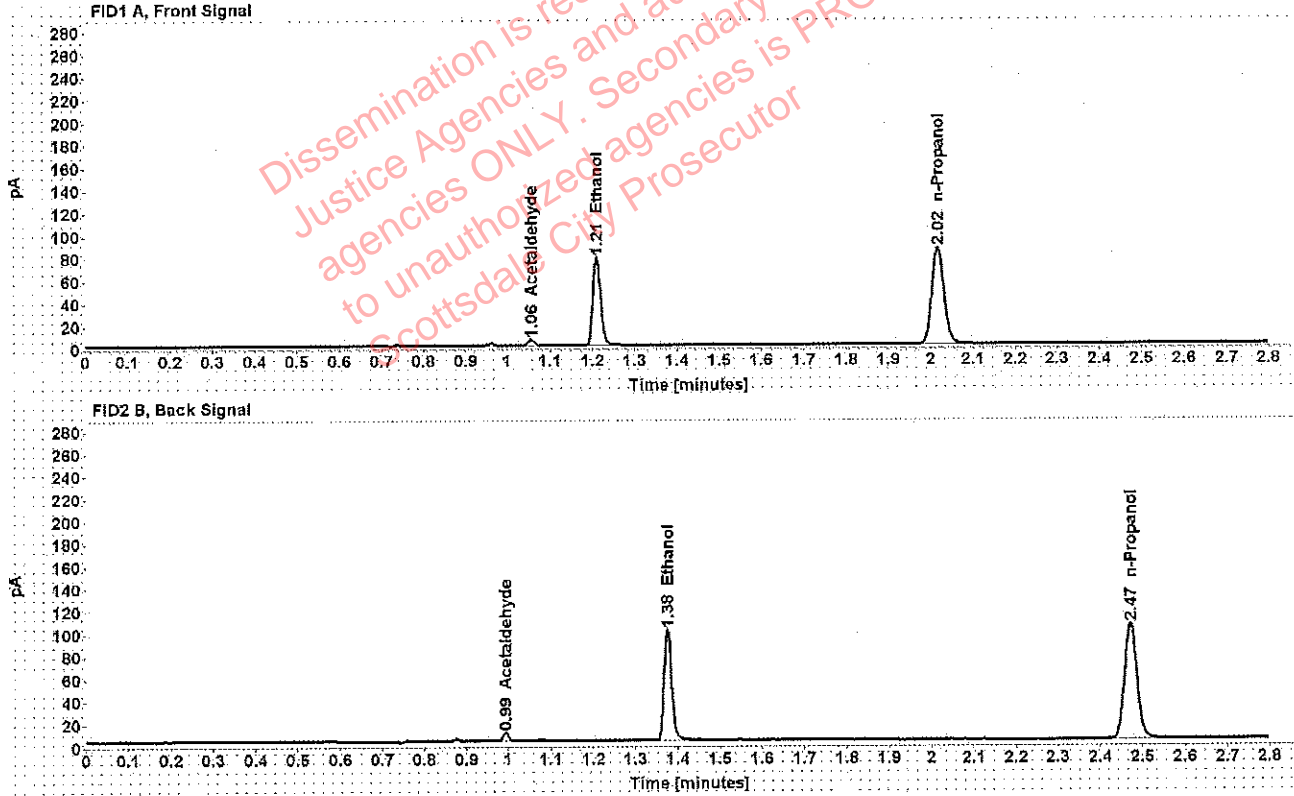


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	5.176
>Ethanol	0.1522	1.210	99.488
n-Propanol	-----	2.016	170.810

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.816
Ethanol	1.376	122.987
n-Propanol	2.471	208.954

Adrian, William - (01-May-2019)

Adrian, William - (01-May-2019)

Case: User: wadrian 5/1/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	14
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr19
Instrument:	US14173023 CN14160045	Injection date:	4/30/2019 6:49:13 PM
Data file:	C:\Chem32\1\Data\30Apr19\14.D	Analyst:	Adrian

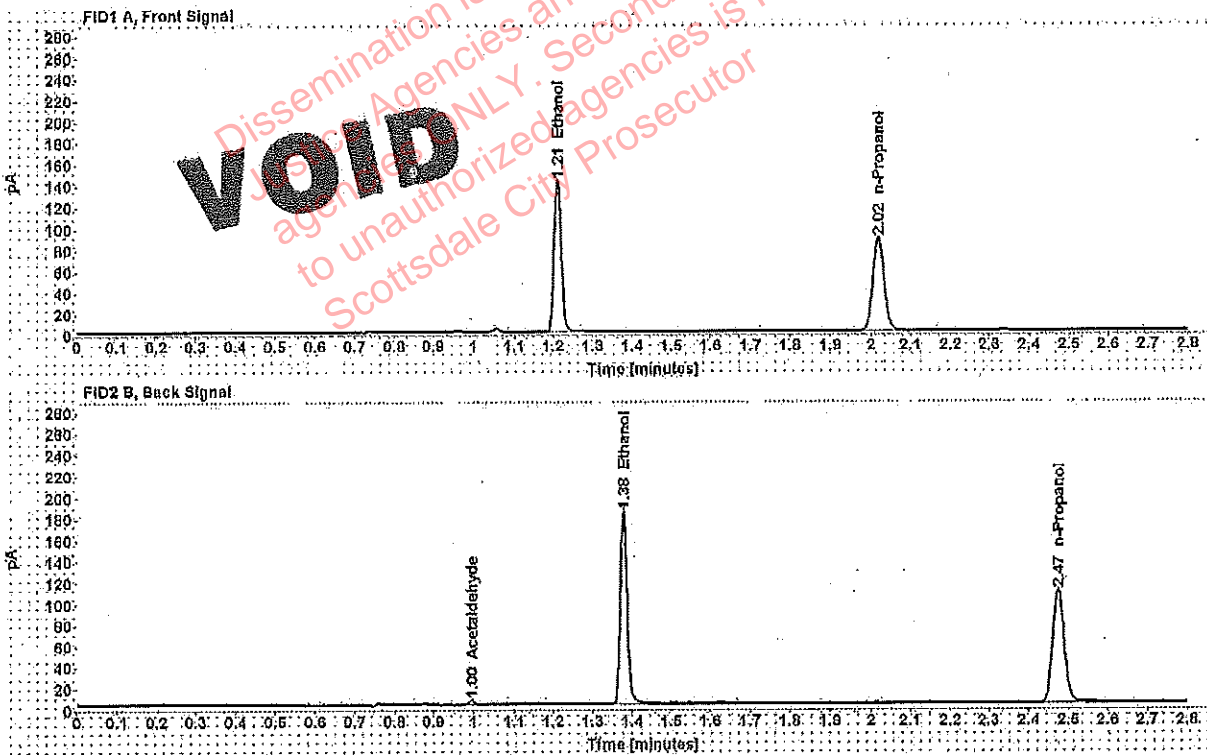


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2714	1.211	183.814
n-Propanol	-----	2.018	176.954

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	3.753
Ethanol	1.378	230.388
n-Propanol	2.474	217.635

Adrian, William - (01-May-2019)

Adrian, William - (01-May-2019)

Case User: wadrian 5/1/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	15
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	30Apr19
Instrument:	US14173023 CN14160045	Injection date:	4/30/2019 6:53:11 PM
Data file:	C:\Chem32\1\Data\30Apr19\15.D	Analyst:	Adrian

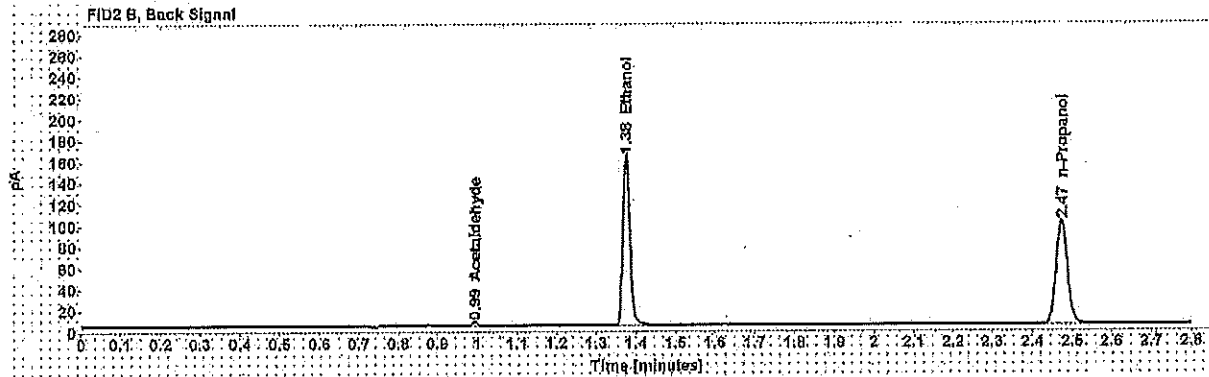
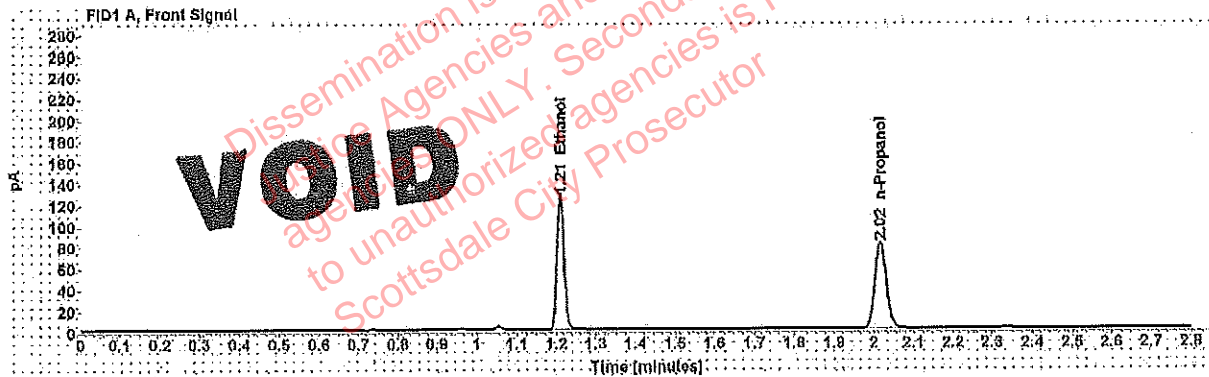


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2600	1.210	160.681
n-Propanol	-----	2.017	101.650

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.011
Ethanol	1.376	201.765
n-Propanol	2.472	198.810

Adrian, William - (15-May-2019)

Case: User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	16
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 3:33:50 PM
Data file:	C:\Chem321\1\Data\rsctest3\14May19\16.D	Analyst:	Adrian

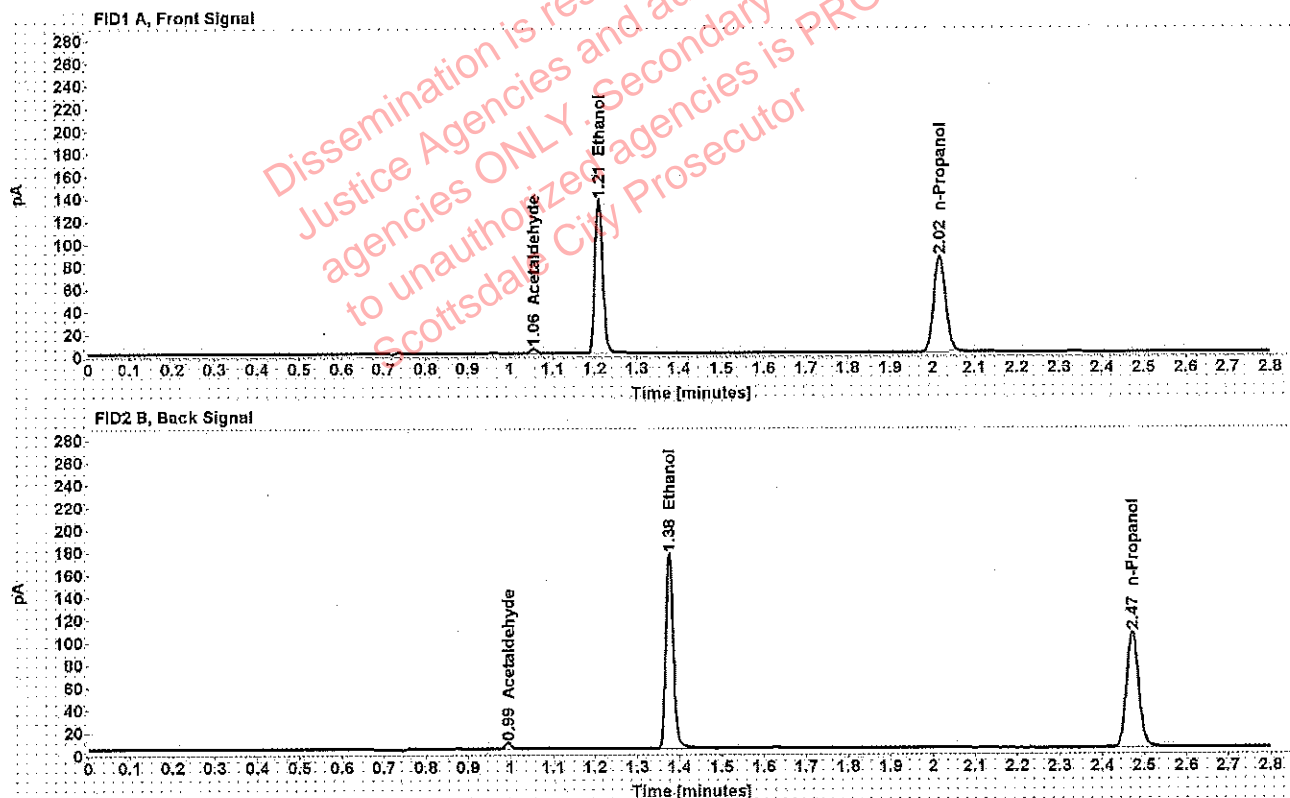


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.988
>Ethanol	0.2669	1.210	173.796
n-Propanol	-----	2.016	169.723

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.261
Ethanol	1.376	218.316
n-Propanol	2.471	208.609

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 3:37:50 PM
Data file:	C:\Chem32\1\Data\rstdtest3\14May19\17.D	Analyst:	Adrian

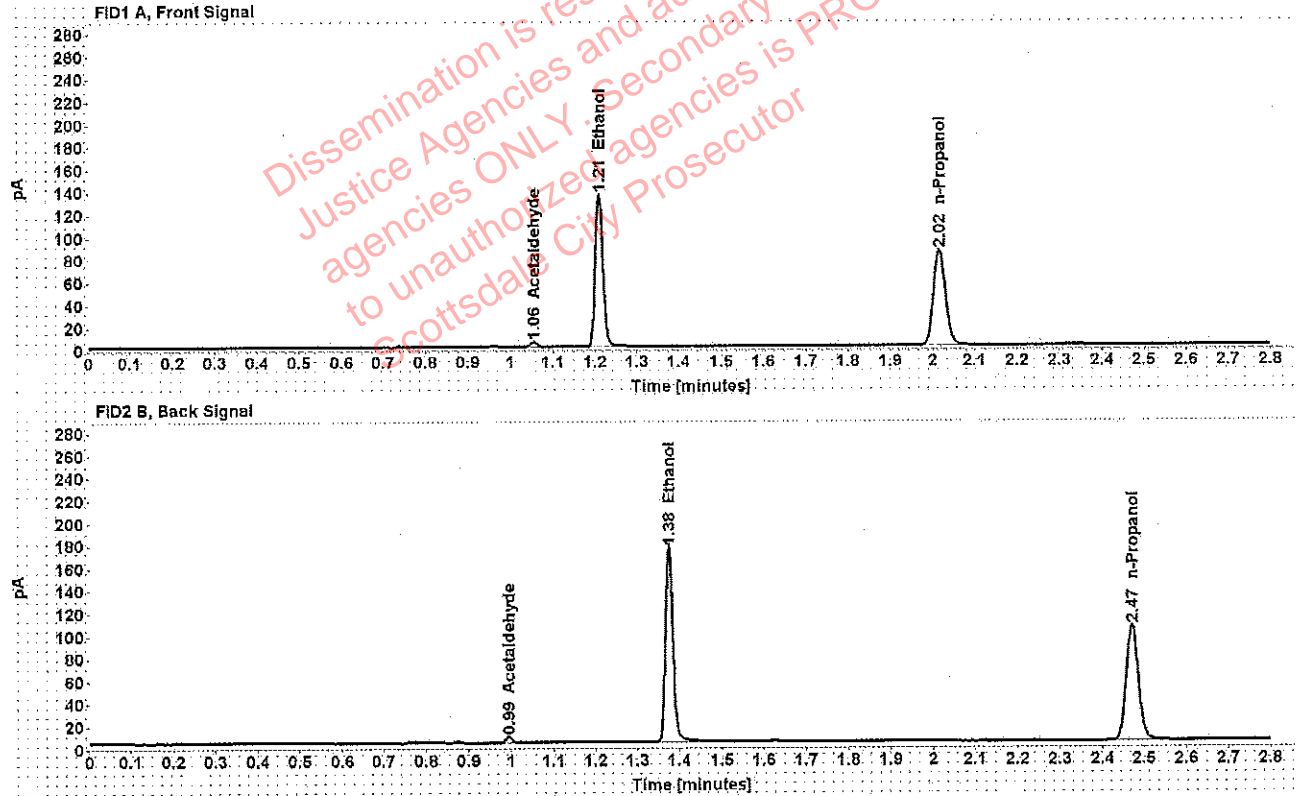


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.098
>Ethanol	0.2668	1.209	173.085
n-Propanol	-----	2.016	169.064

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.333
Ethanol	1.375	218.176
n-Propanol	2.471	208.233

Adrian, William - (15-May-2019)

Case: [REDACTED] User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 3:41:49 PM
Data file:	C:\Chem32\1\Data\rstdtest3\14May19\18.D	Analyst:	Adrian

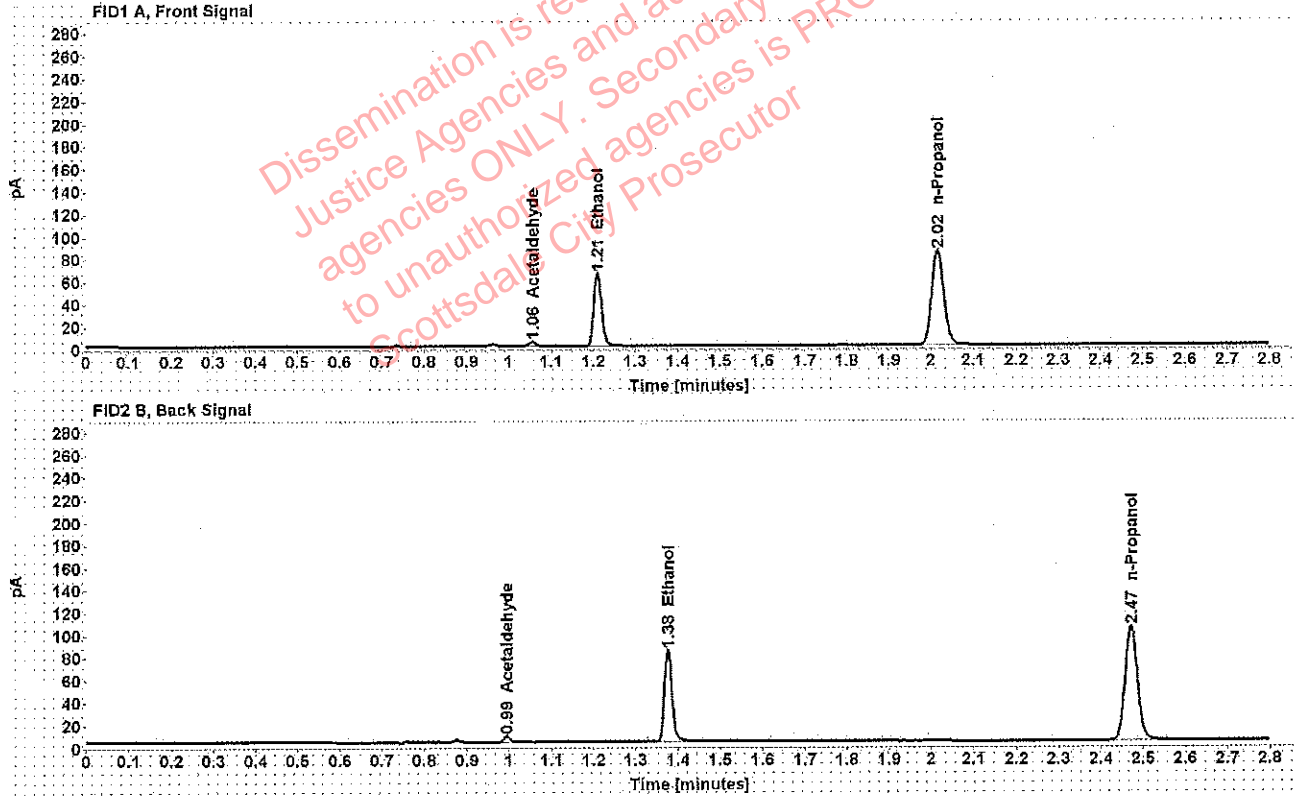


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.947
>Ethanol	0.1279	1.210	82.392
n-Propanol	-----	2.016	168.517

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.177
Ethanol	1.376	101.885
n-Propanol	2.471	207.308

[REDACTED]: Adrian, William - (15-May-2019)

Case: [REDACTED] User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 3:46:04 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\19.D	Analyst:	Adrian

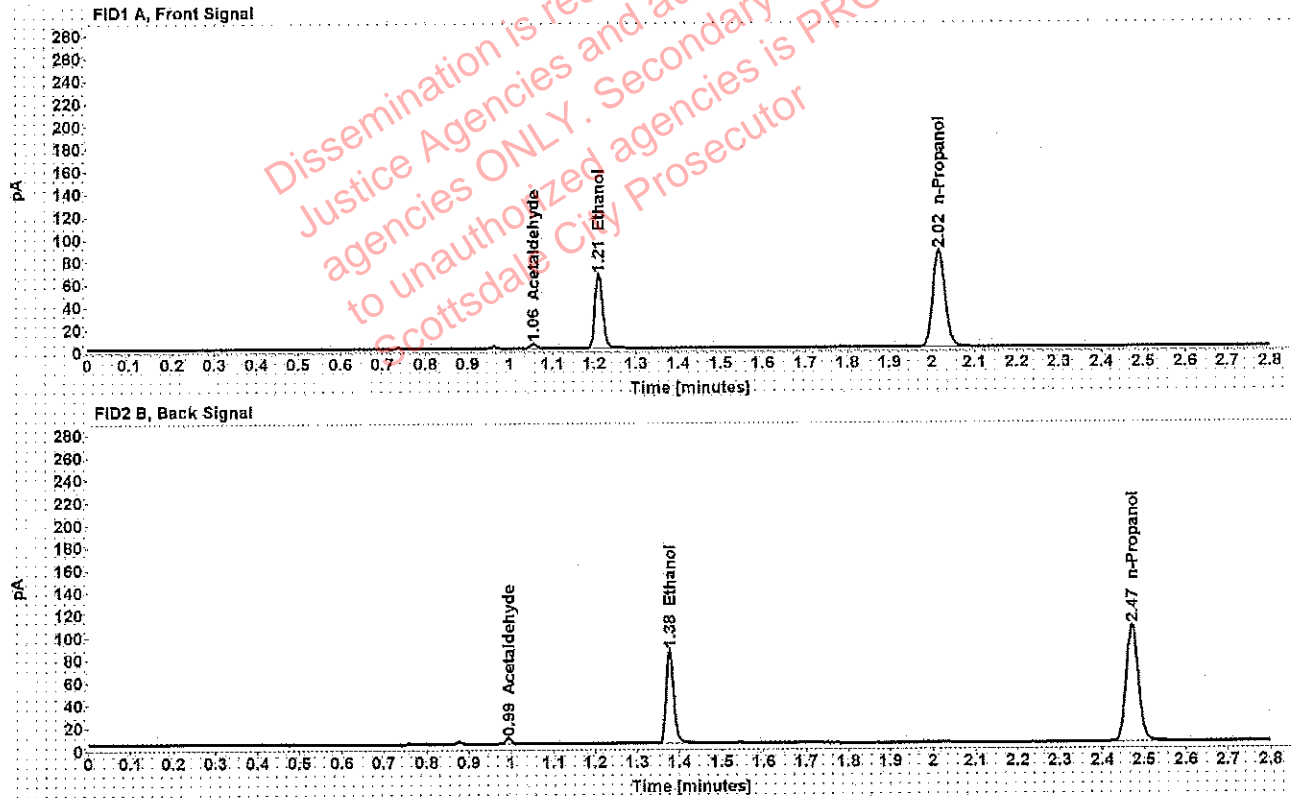


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.006
>Ethanol	0.1286	1.210	84.063
n-Propanol	-----	2.016	171.027

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.297
Ethanol	1.377	103.309
n-Propanol	2.471	210.276

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol.quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 3:54:04 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\21.D	Analyst:	Adrian

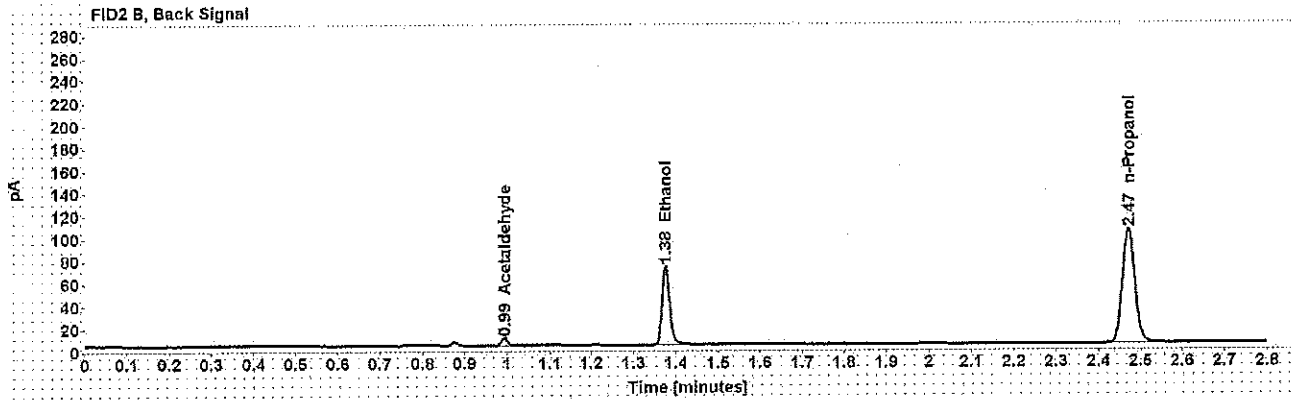
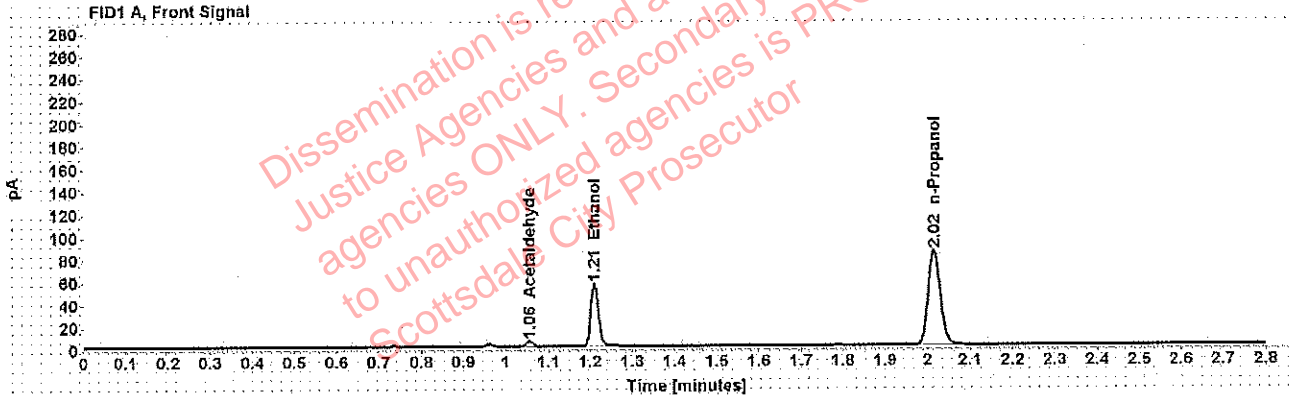


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.808
>Ethanol	0.1105	1.210	70.878
n-Propanol	-----	2.016	168.012

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.328
Ethanol	1.376	87.536
n-Propanol	2.471	206.430

Case: [REDACTED]: Adrian, William - (15-May-2019)

User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 3:58:04 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\22.D	Analyst:	Adrian

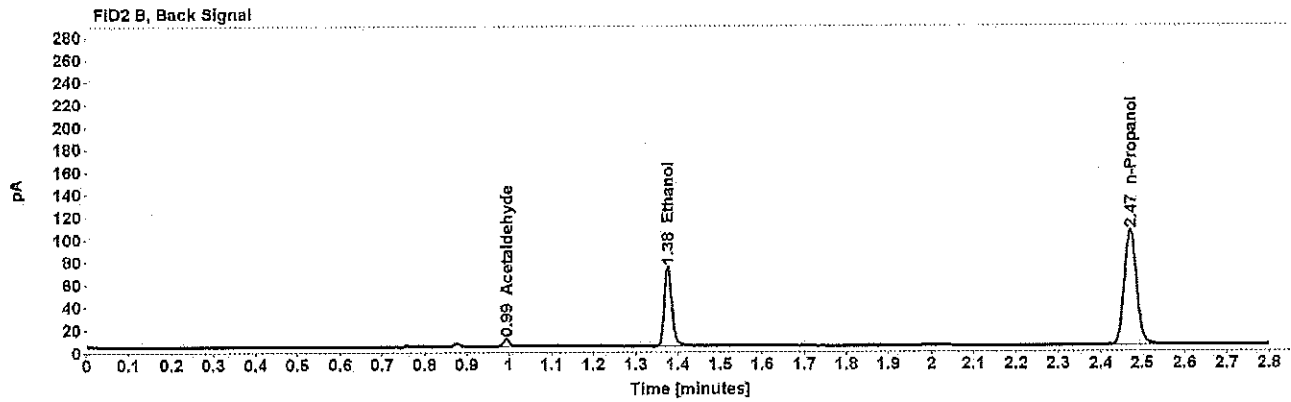
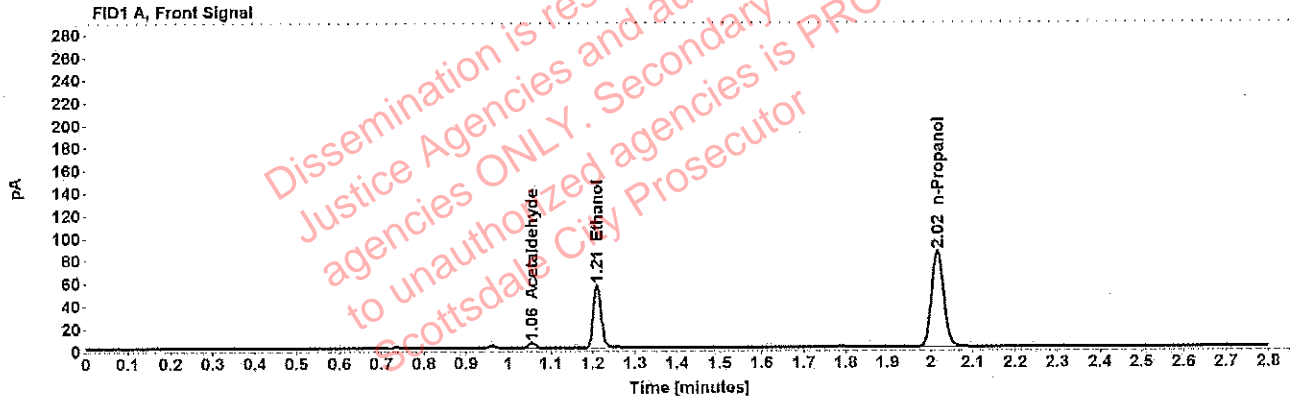


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.901
>Ethanol	0.1102	1.210	71.341
n-Propanol	-----	2.016	169.646

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.436
Ethanol	1.376	87.747
n-Propanol	2.471	208.323

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 4:02:04 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\23.D	Analyst:	Adrian

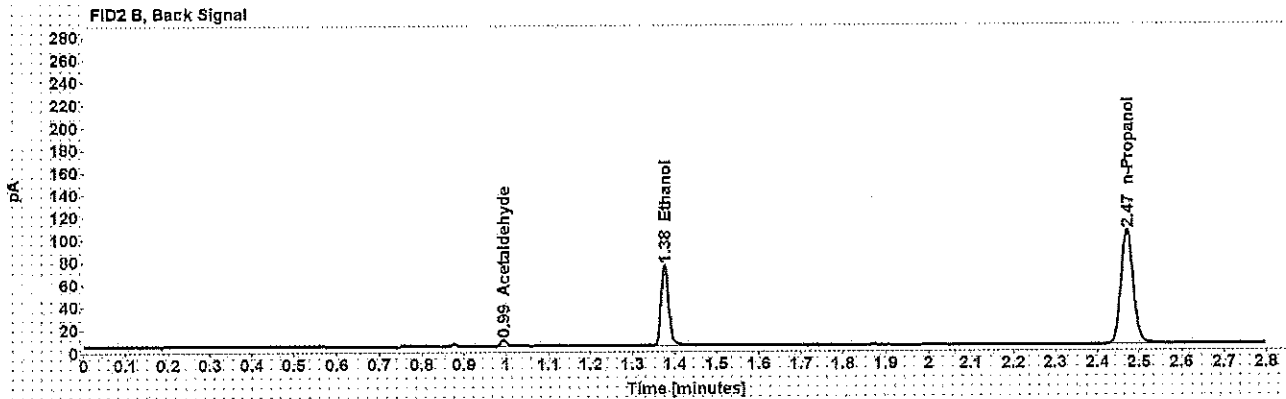
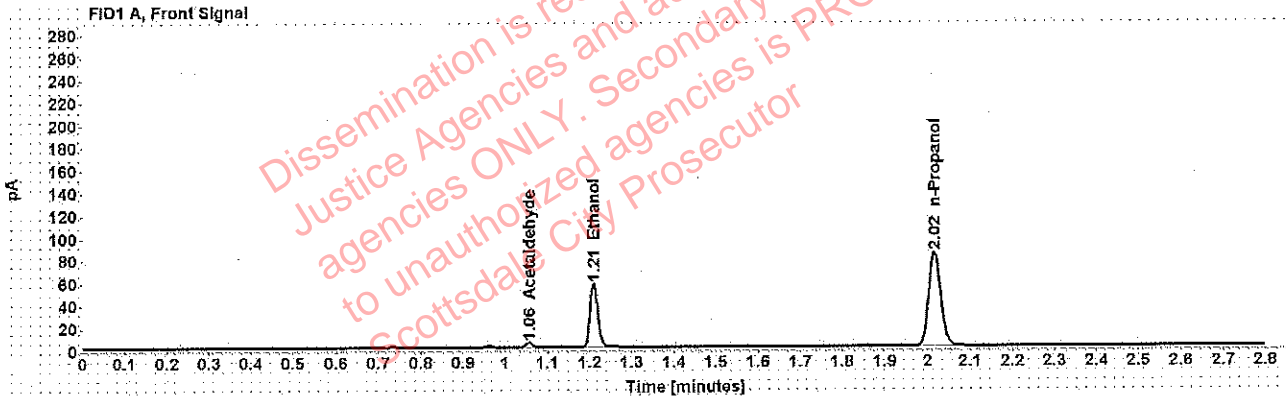


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.134
>Ethanol	0.1130	1.210	72.241
n-Propanol	-----	2.016	167.446

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.430
Ethanol	1.376	89.150
n-Propanol	2.471	205.873

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 4:06:04 PM
Data file:	C:\Chem32\11\Data\rsdtest3\14May19\24.D	Analyst:	Adrian

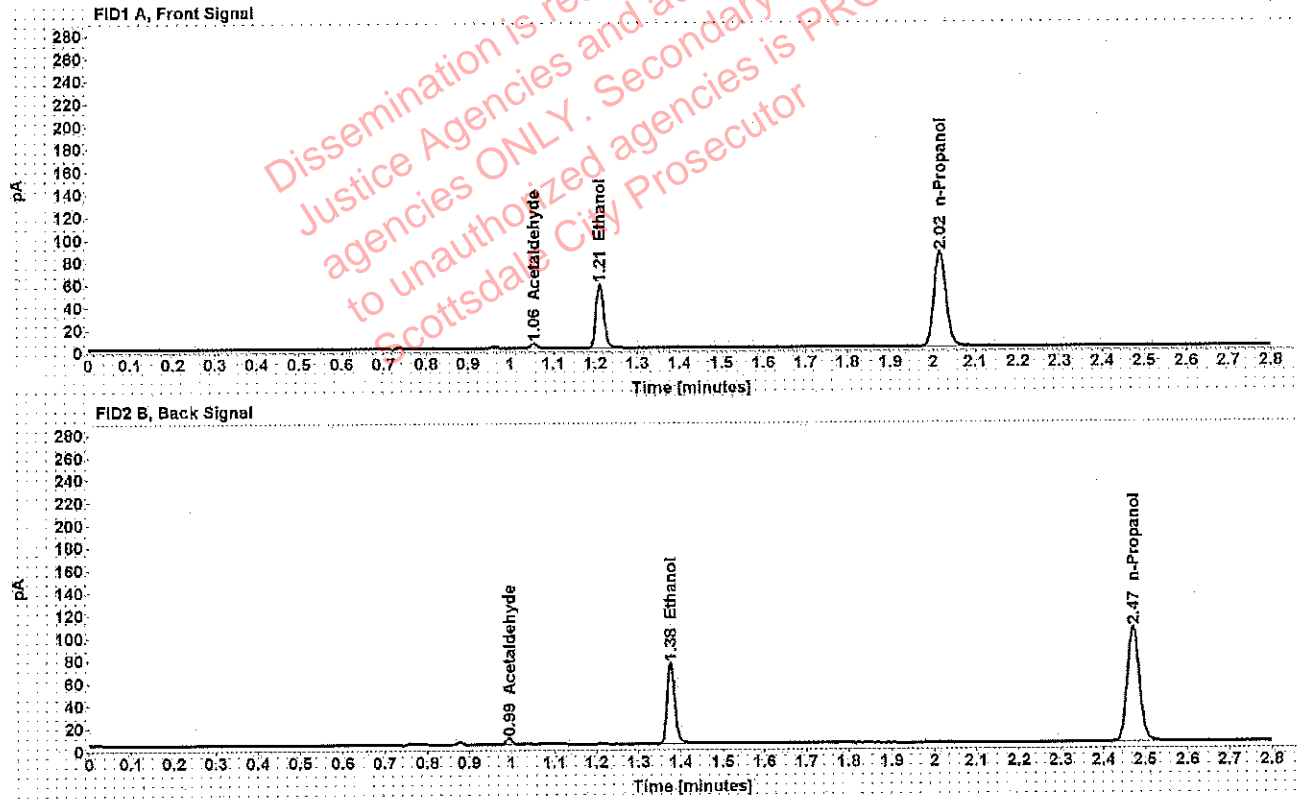


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.096
>Ethanol	0.1131	1.210	72.692
n-Propanol	-----	2.016	168.304

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.381
Ethanol	1.376	89.692
n-Propanol	2.471	206.545

[REDACTED]: Adrian, William - (15-May-2019)

Case: [REDACTED] User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 4:10:20 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\25.D	Analyst:	Adrian

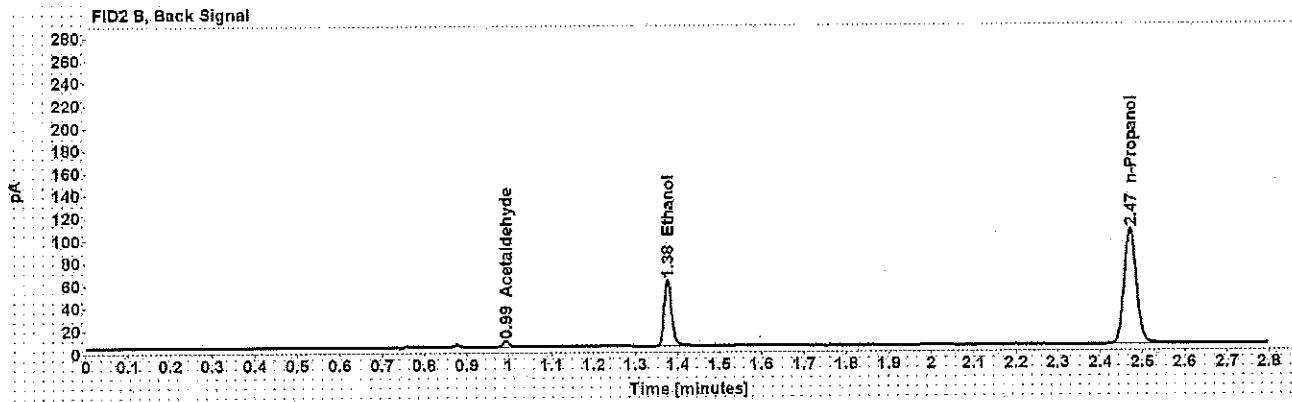
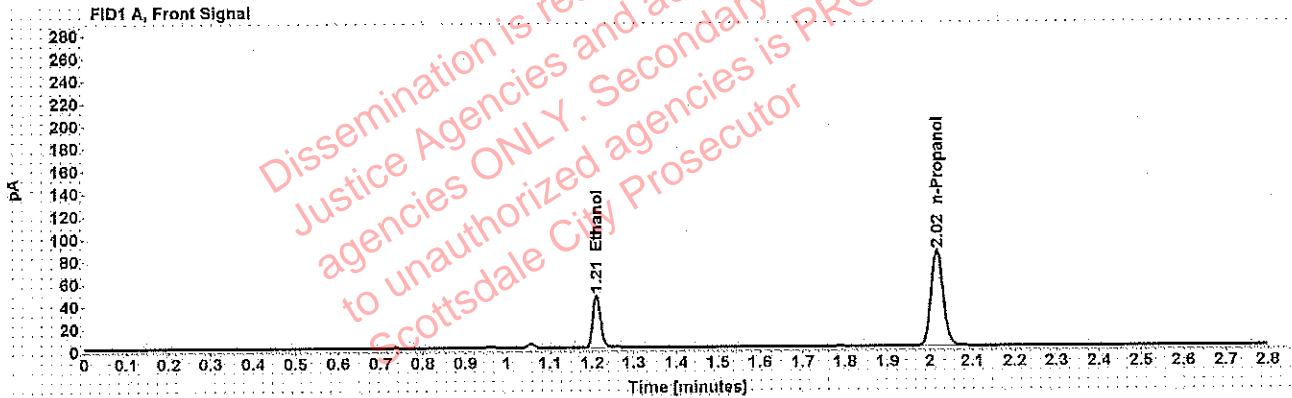


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0924	1.210	59.727
n-Propanol	-----	2.016	169.682

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.821
Ethanol	1.376	73.360
n-Propanol	2.471	208.157

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol.quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 4:14:20 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\26.D	Analyst:	Adrian

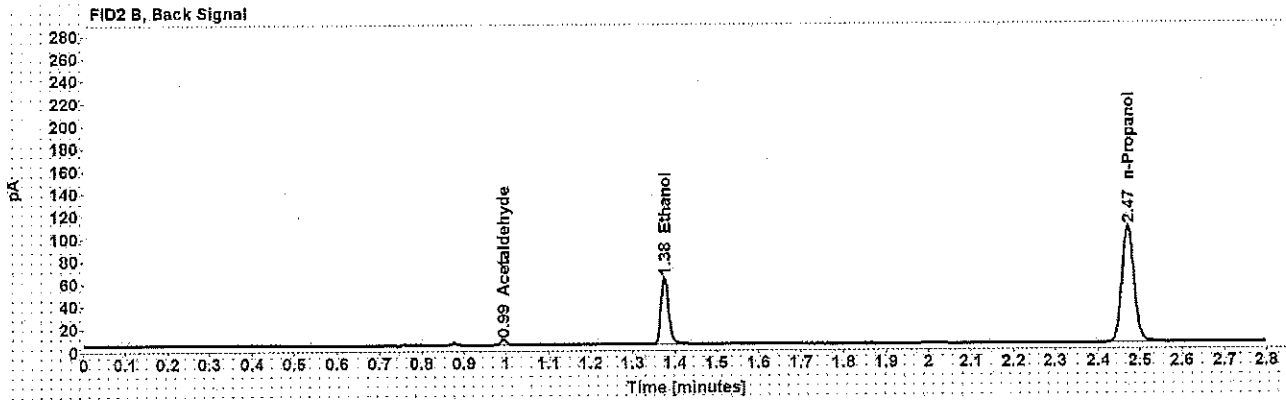
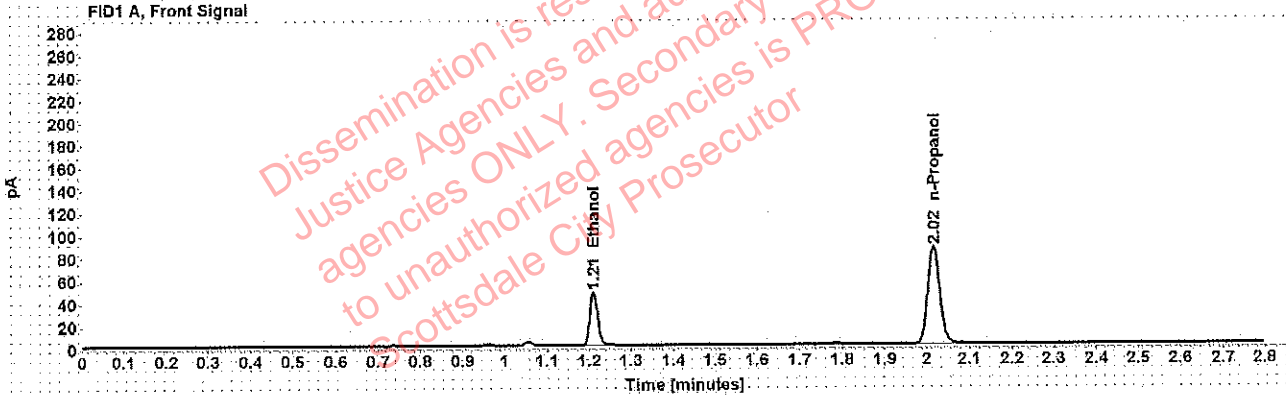


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0922	1.210	60.251
n-Propanol	-----	2.016	171.526

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.747
Ethanol	1.376	74.252
n-Propanol	2.471	210.791

Case: [REDACTED] : Adrian, William - (15-May-2019)

User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 4:18:21 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\27.D	Analyst:	Adrian

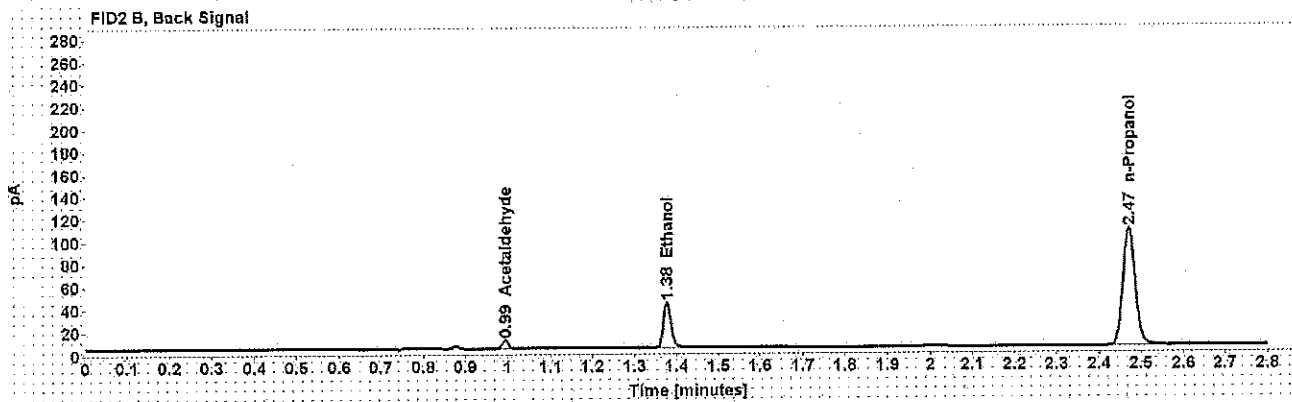
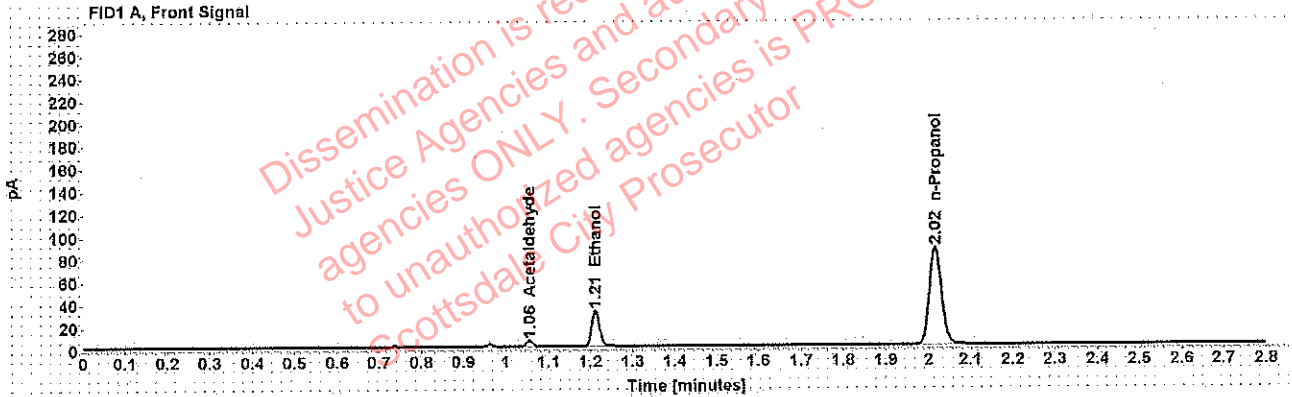


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	5.316
>Ethanol	0.0627	1.211	40.893
n-Propanol	-----	2.016	171.942

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.973
Ethanol	1.377	51.324
n-Propanol	2.471	211.341

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 4:22:19 PM
Data file:	C:\Chem32\1\Data\rstdtest3\14May19\28.D	Analyst:	Adrian

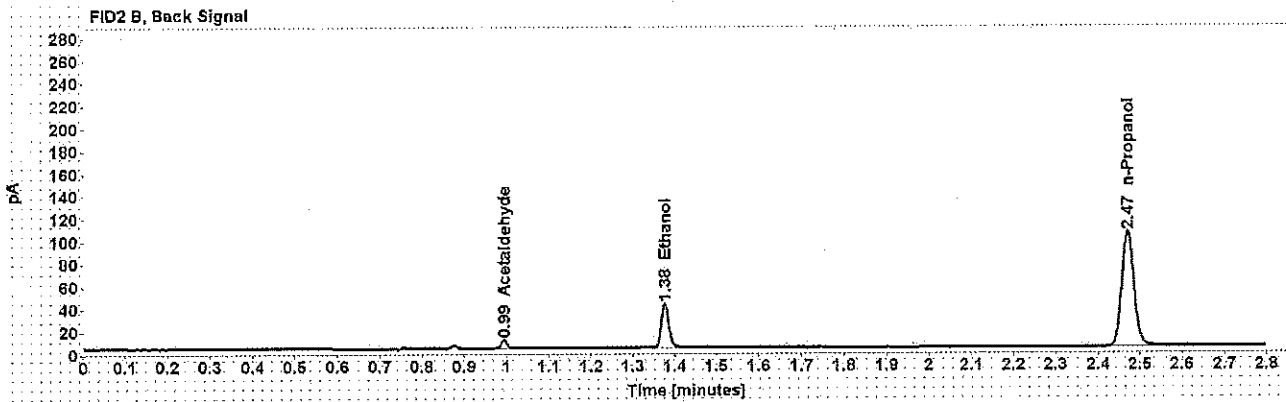
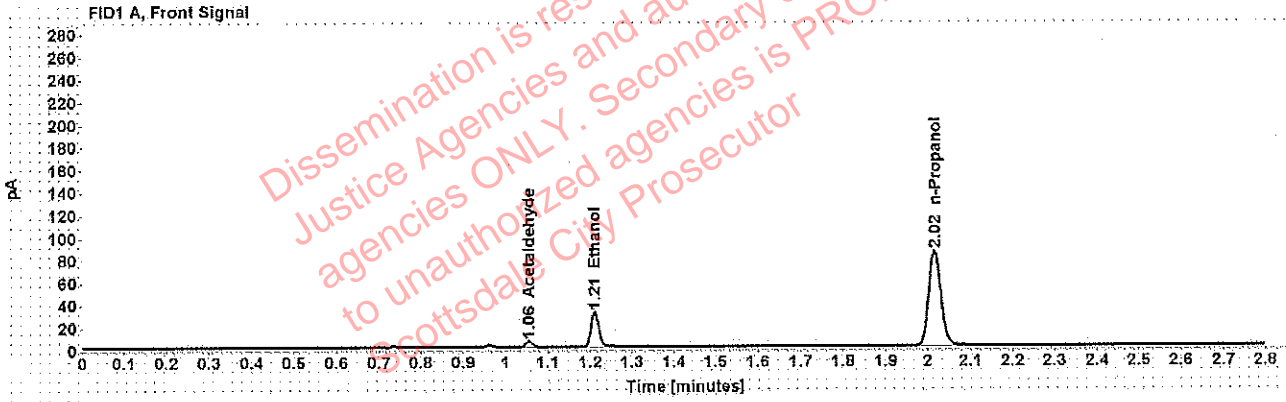


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.319
>Ethanol	0.0624	1.211	39.967
n-Propanol	-----	2.016	168.838

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.985
Ethanol	1.376	50.076
n-Propanol	2.470	207.460

[REDACTED]: Adrian, William - (15-May-2019)

Case: [REDACTED] User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 4:26:20 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\29.D	Analyst:	Adrian

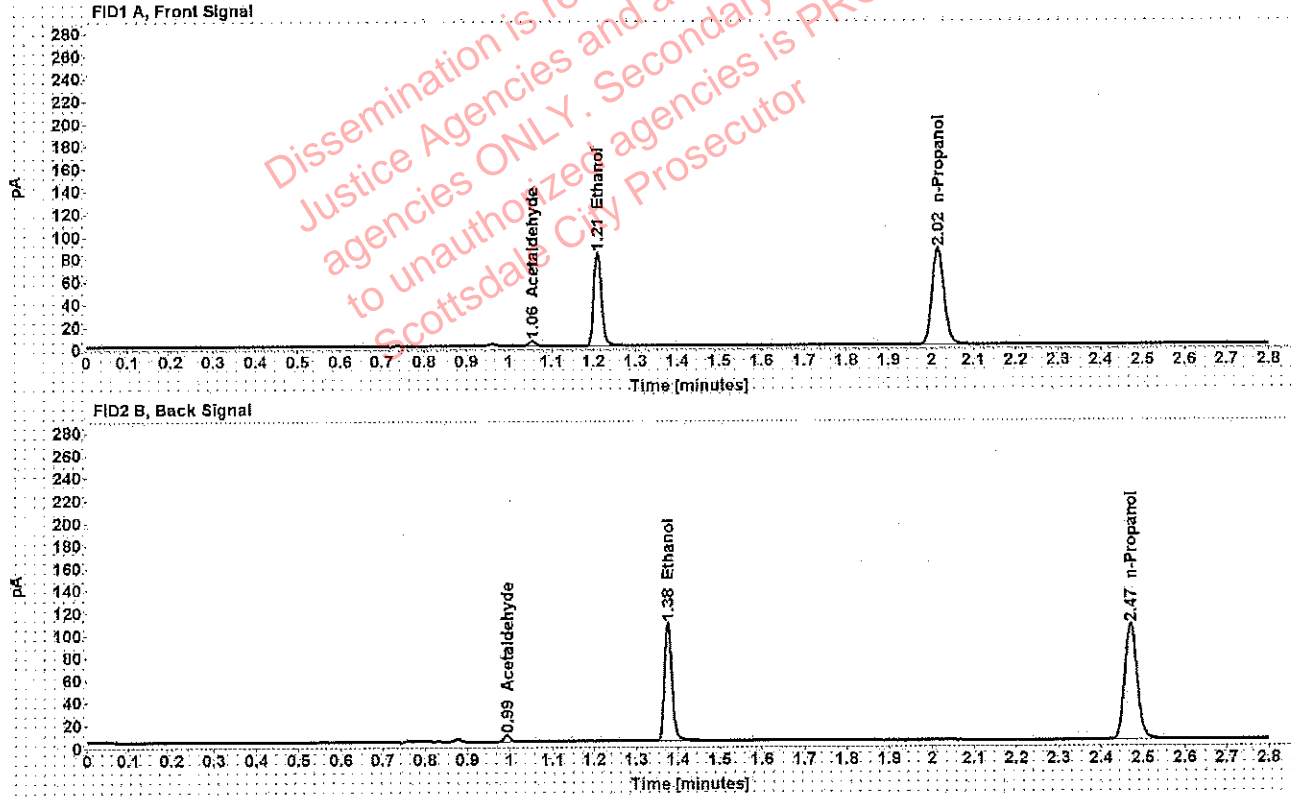


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.218
>Ethanol	0.1625	1.210	105.679
n-Propanol	-----	2.016	169.852

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.530
Ethanol	1.375	130.777
n-Propanol	2.470	208.935

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 4:30:19 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\30.D	Analyst:	Adrian

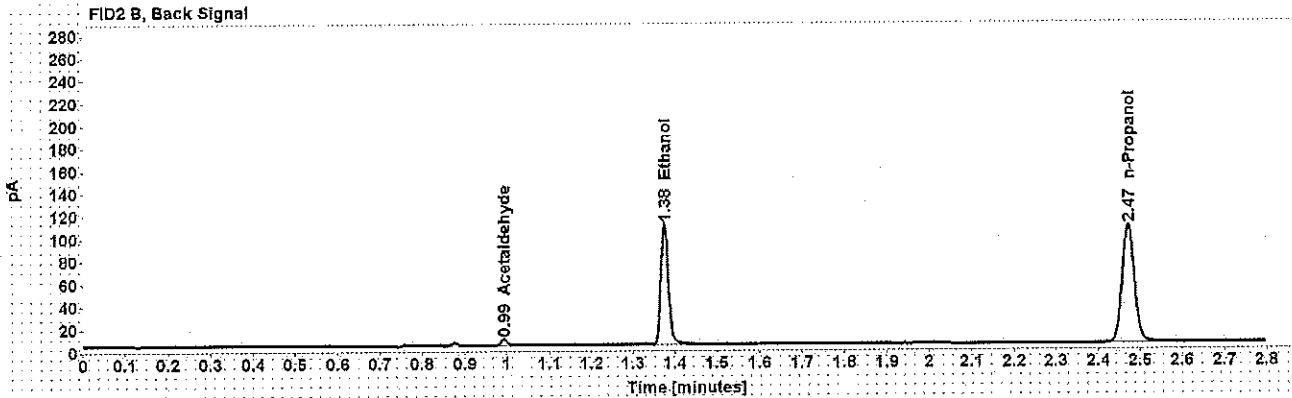
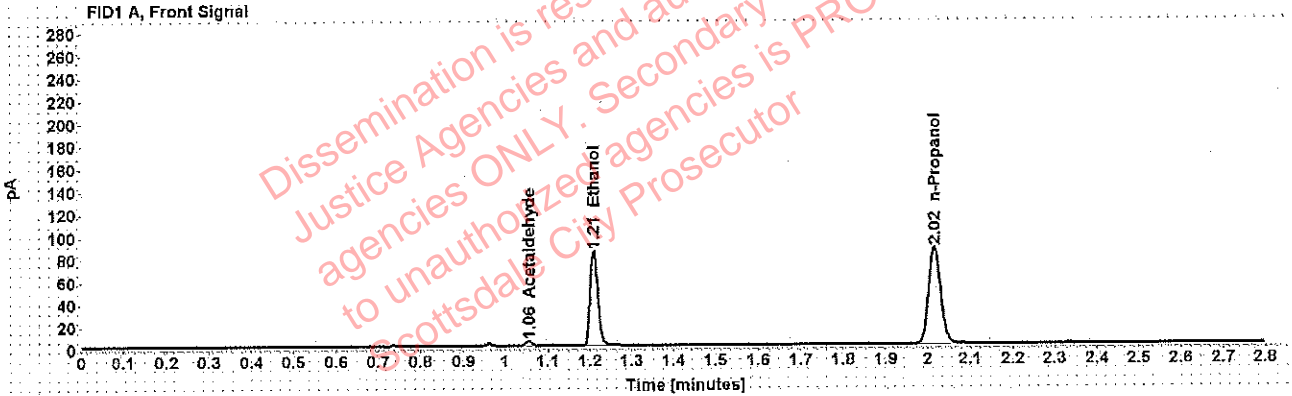


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.306
>Ethanol	0.1630	1.210	107.768
n-Propanol	-----	2.016	172.757

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.634
Ethanol	1.375	133.613
n-Propanol	2.471	212.456

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Vial:	32
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 4:38:36 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\32.D	Analyst:	Adrian

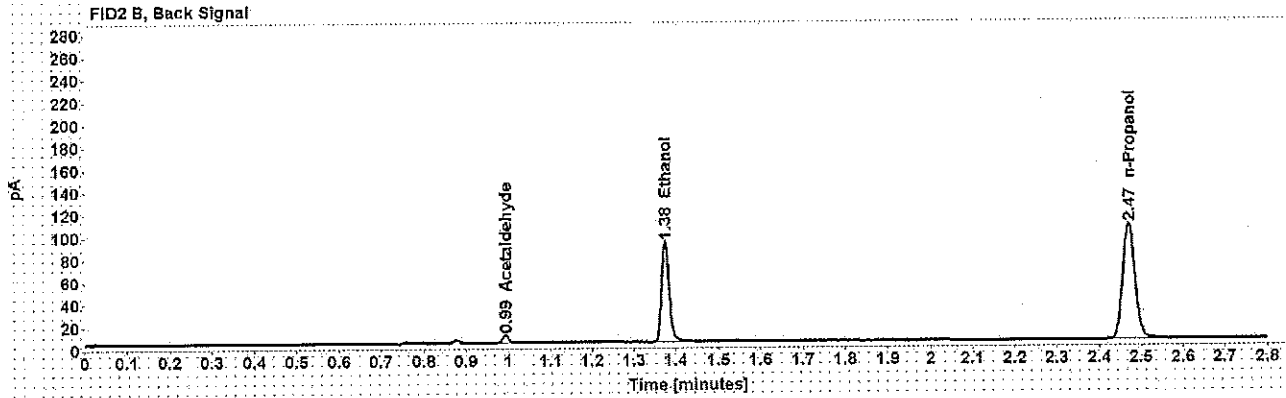
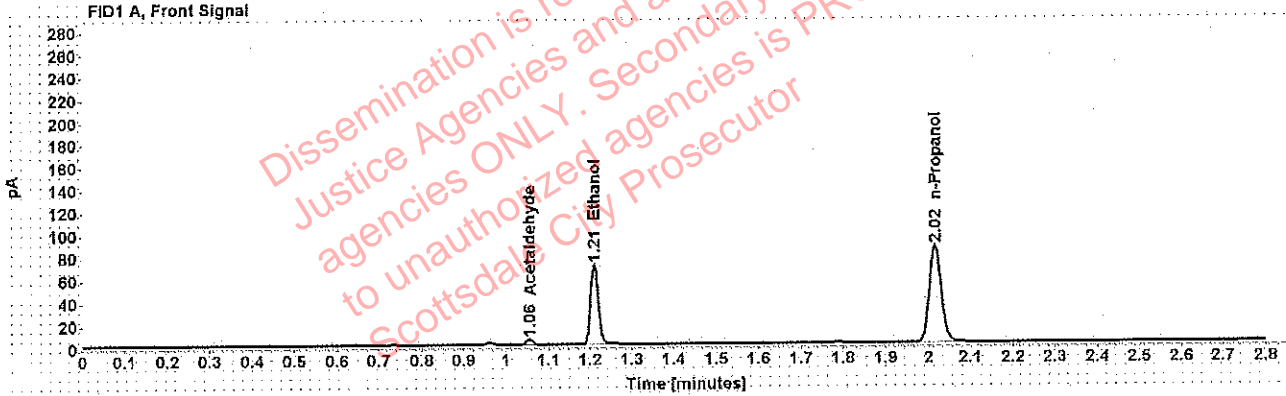


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.054
>Ethanol	0.1382	1.210	90.272
n-Propanol	-----	2.016	170.847

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.642
Ethanol	1.375	111.357
n-Propanol	2.471	209.881

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Vial:	33
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 4:42:34 PM
Data file:	C:\Chem32\1\Data\rstdtest3\14May19\33.D	Analyst:	Adrian

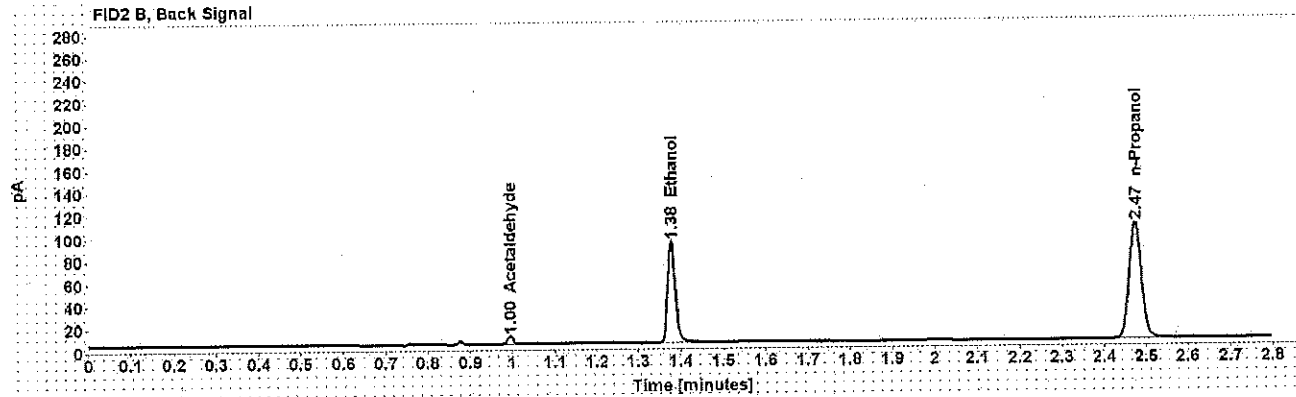
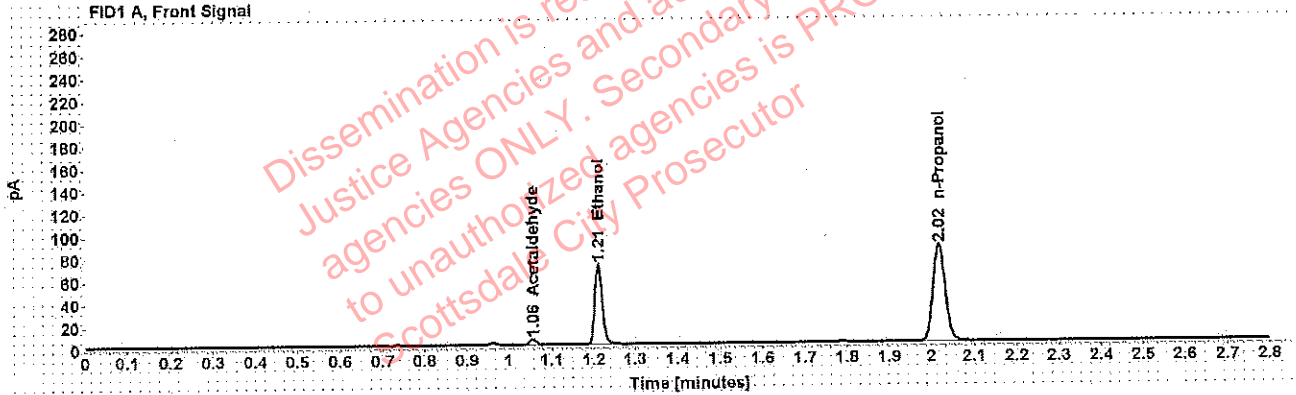


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	5.012
>Ethanol	0.1397	1.212	91.376
n-Propanol	-----	2.018	171.050

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	6.512
Ethanol	1.379	112.785
n-Propanol	2.473	210.169

Case: [REDACTED] : Adrian, William - (15-May-2019)

User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 4:46:34 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\34.D	Analyst:	Adrian

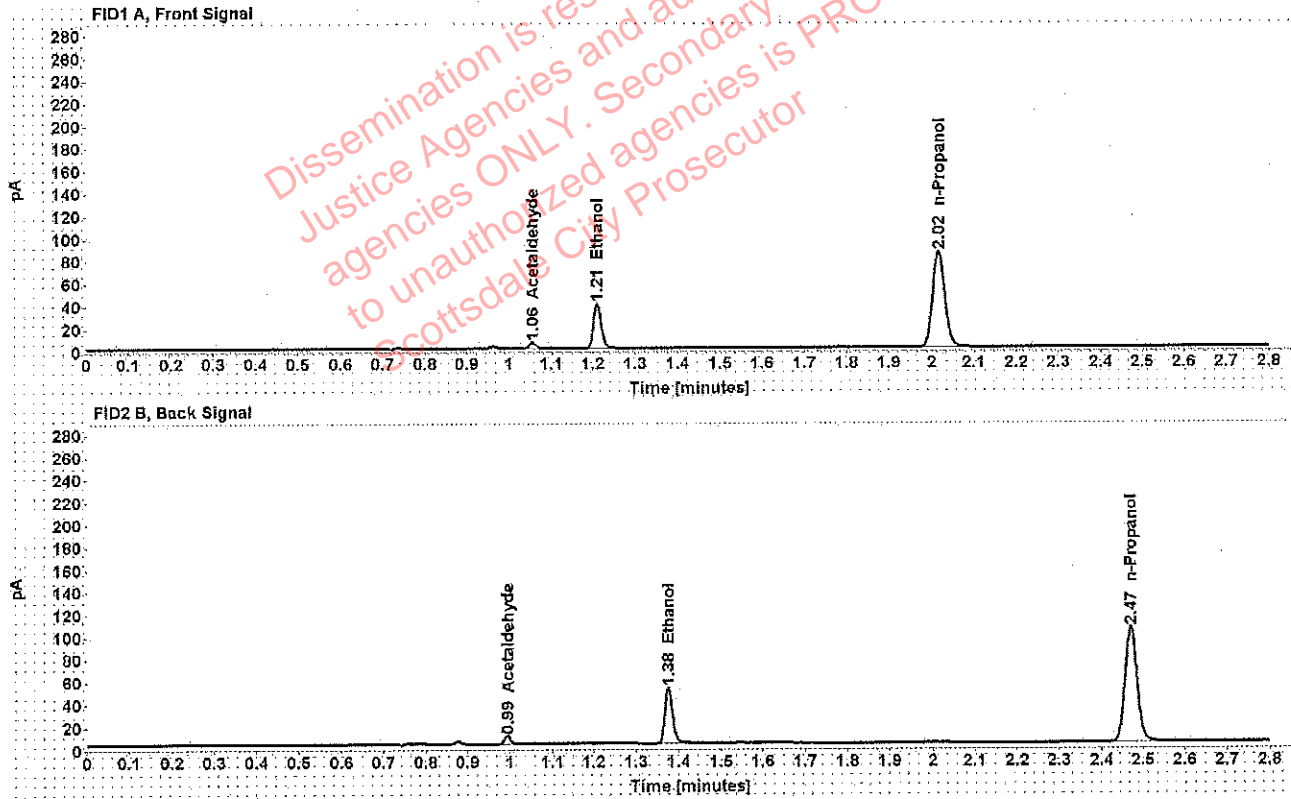


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.257
>Ethanol	0.0785	1.210	50.566
n-Propanol	-----	2.016	169.383

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.889
Ethanol	1.376	63.368
n-Propanol	2.470	208.019

: Adrian, William - (15-May-2019)

Case: User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	35
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 4:50:35 PM
Data file:	C:\Chem32\1\Data\rstdtest3\14May19\35.D	Analyst:	Adrian

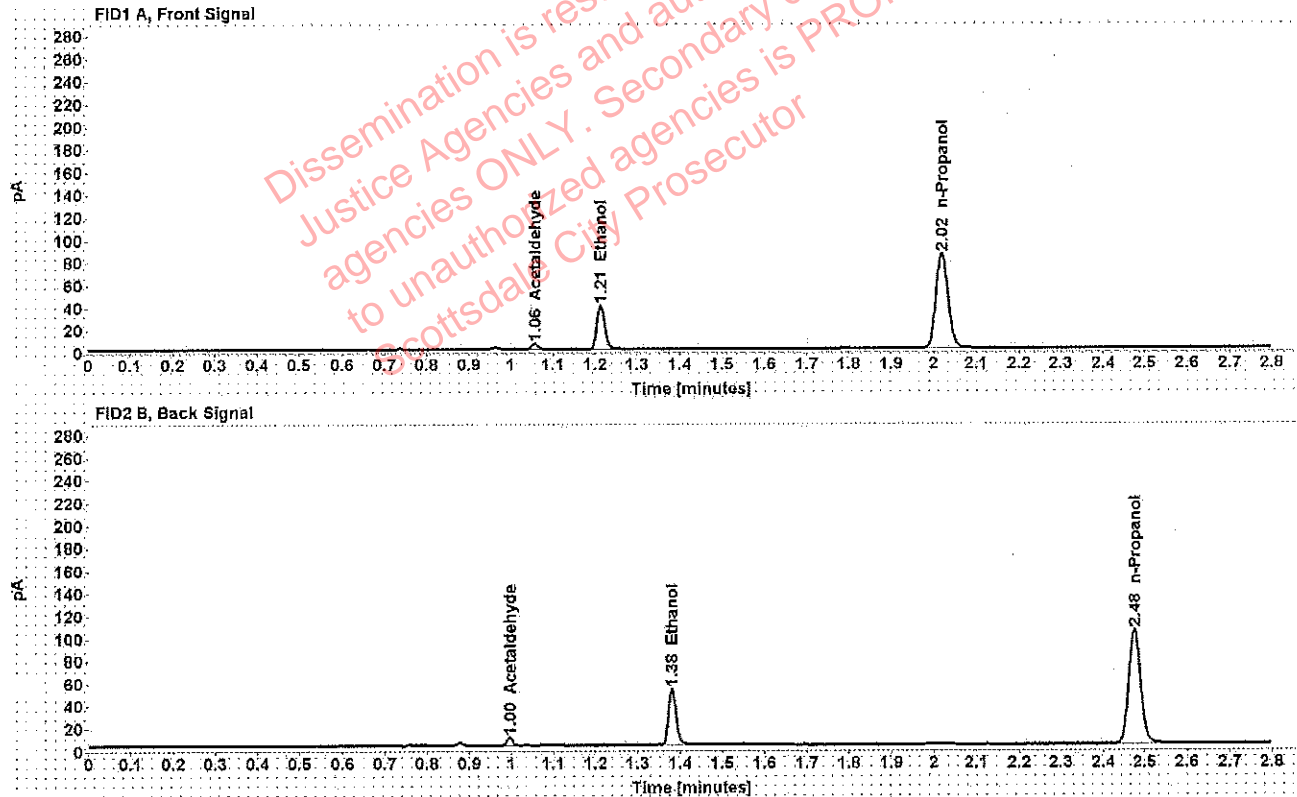


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.057	5.062
>Ethanol	0.0795	1.213	51.129
n-Propanol	-----	2.019	168.992

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.996	6.629
Ethanol	1.381	63.385
n-Propanol	2.475	207.506

[REDACTED] : Adrian, William - (15-May-2019)

Case: [REDACTED] User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 4:54:34 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\36.D	Analyst:	Adrian

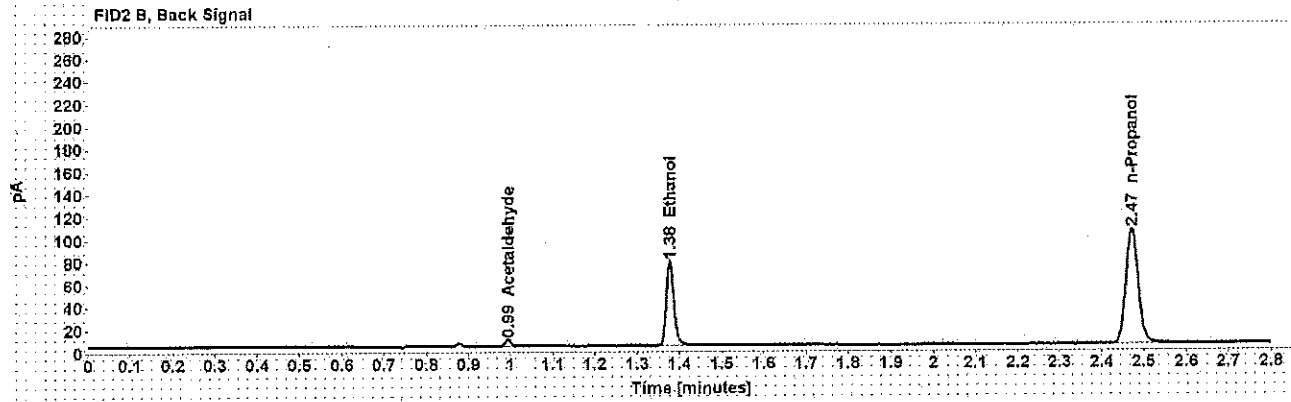
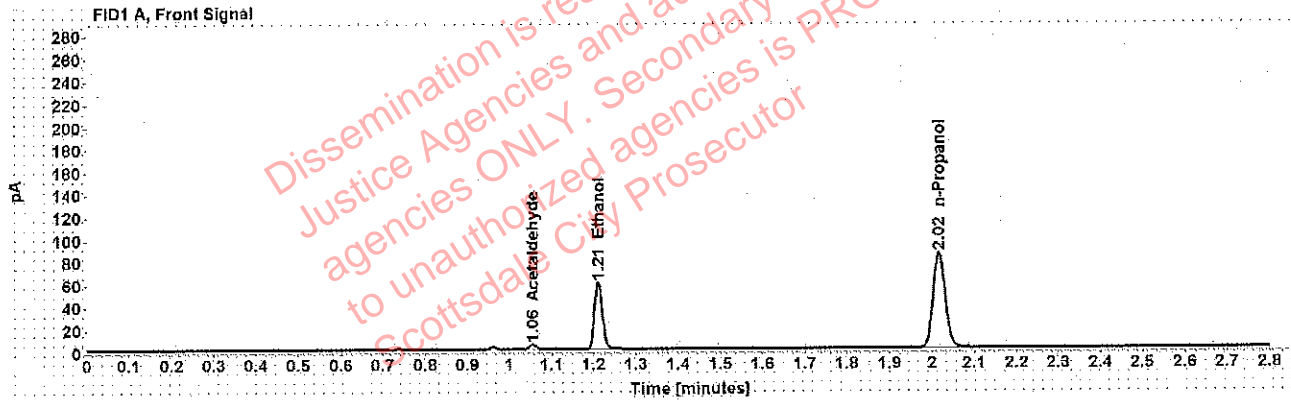


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.491
>Ethanol	0.1182	1.211	76.298
n-Propanol	-----	2.017	168.962

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.878
Ethanol	1.377	94.178
n-Propanol	2.472	207.506

Adrian, William - (15-May-2019)

Case: [REDACTED] User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 4:58:49 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\37.D	Analyst:	Adrian

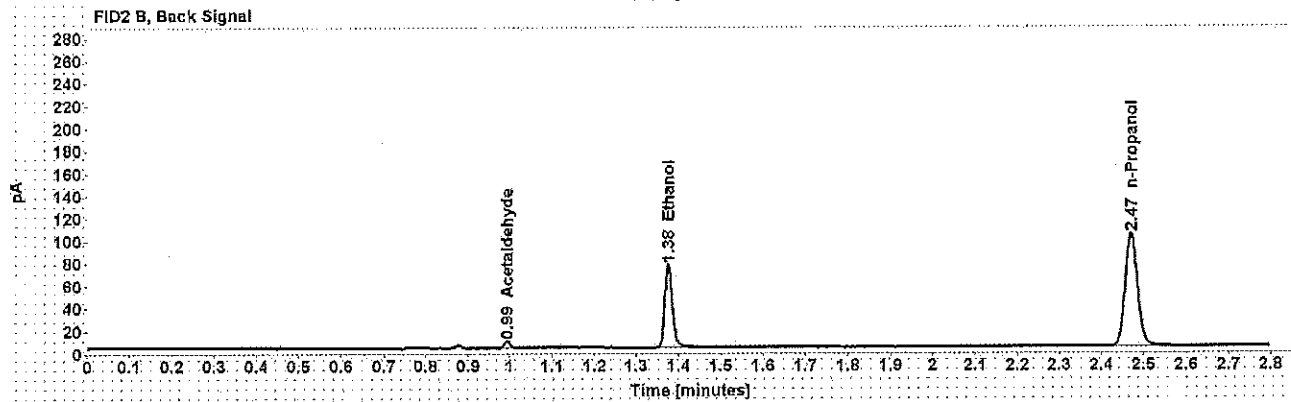
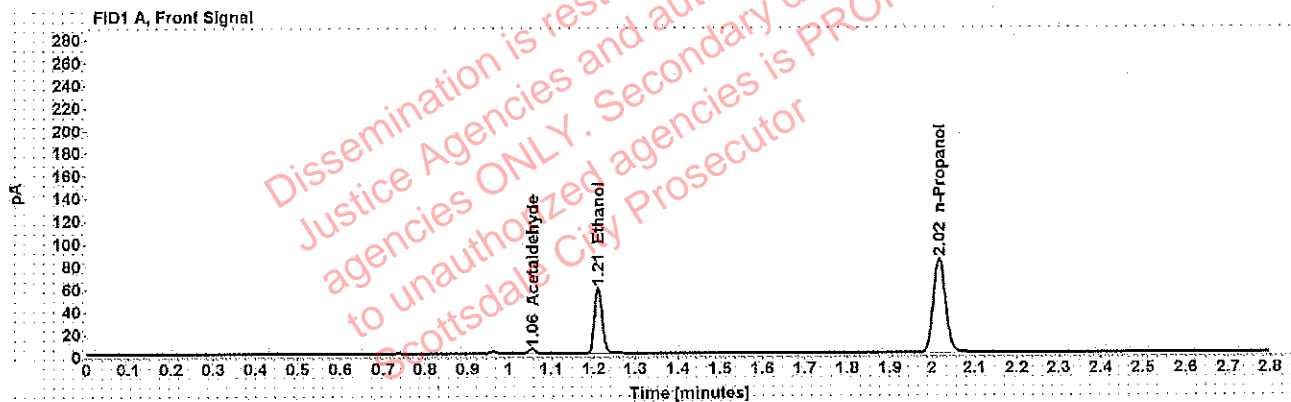


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.398
>Ethanol	0.1174	1.210	74.796
n-Propanol	-----	2.016	166.814

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.784
Ethanol	1.376	92.034
n-Propanol	2.471	204.998

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 5:02:51 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\38.D	Analyst:	Adrian

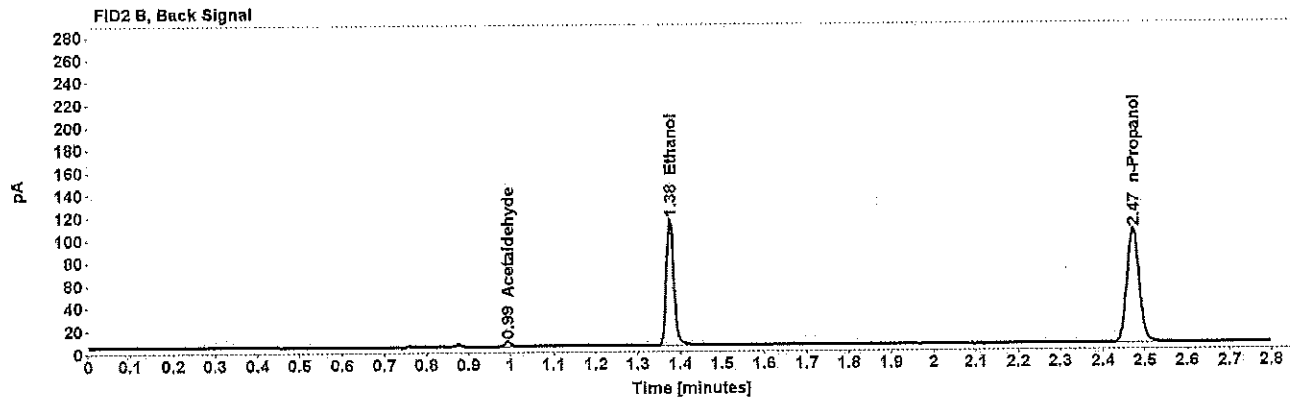
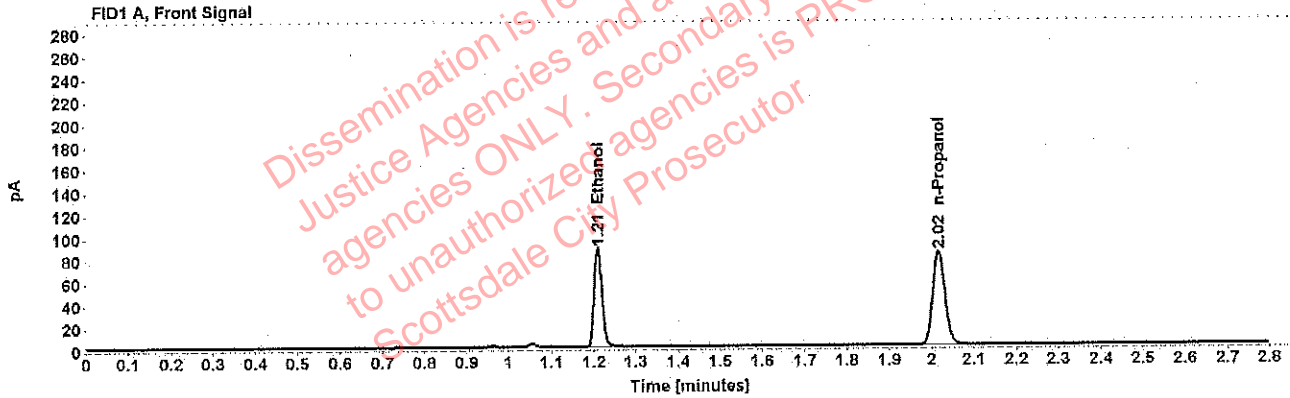


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1759	1.210	112.539
n-Propanol	-----	2.016	167.058

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.414
Ethanol	1.376	139.443
n-Propanol	2.471	205.170

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 5:06:51 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\39.D	Analyst:	Adrian

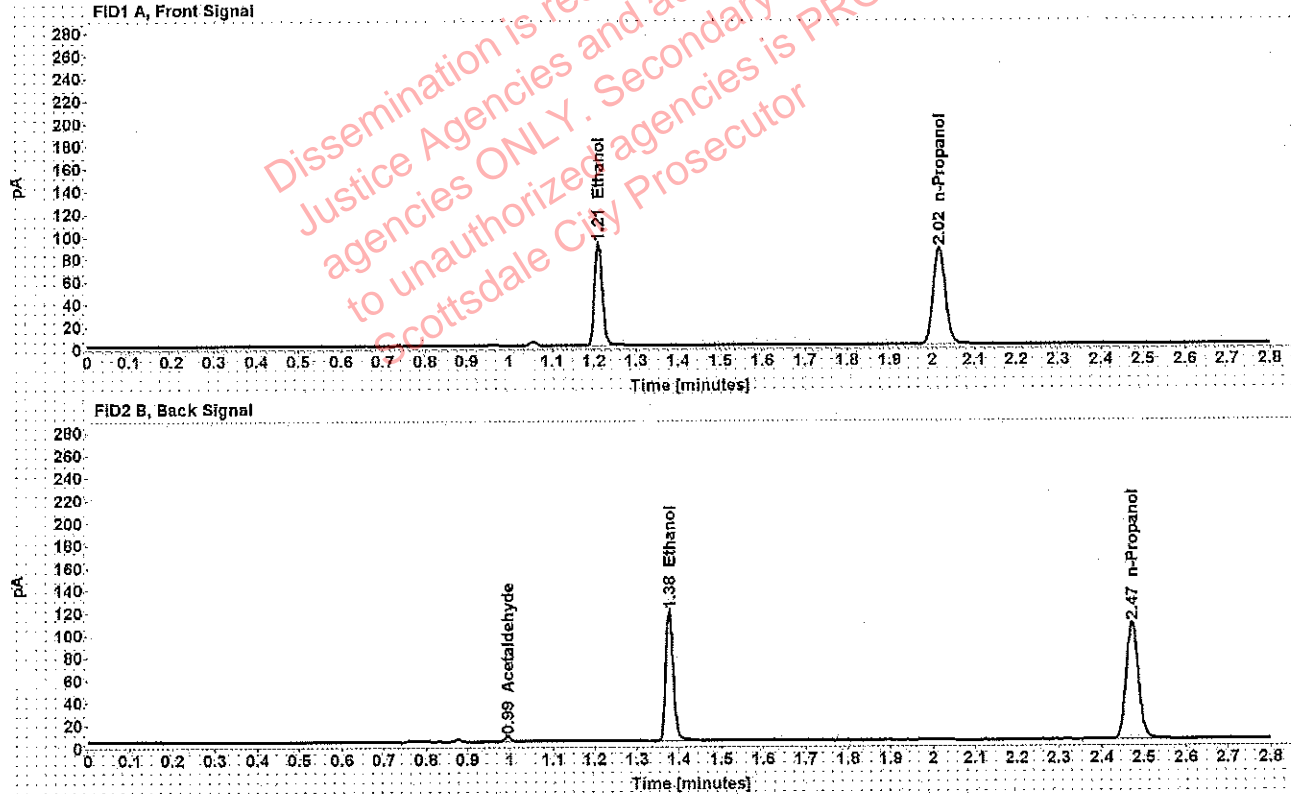


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1768	1.210	116.856
n-Propanol	-----	2.017	172.613

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.522
Ethanol	1.376	144.562
n-Propanol	2.472	211.998

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 5:10:49 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\40.D	Analyst:	Adrian

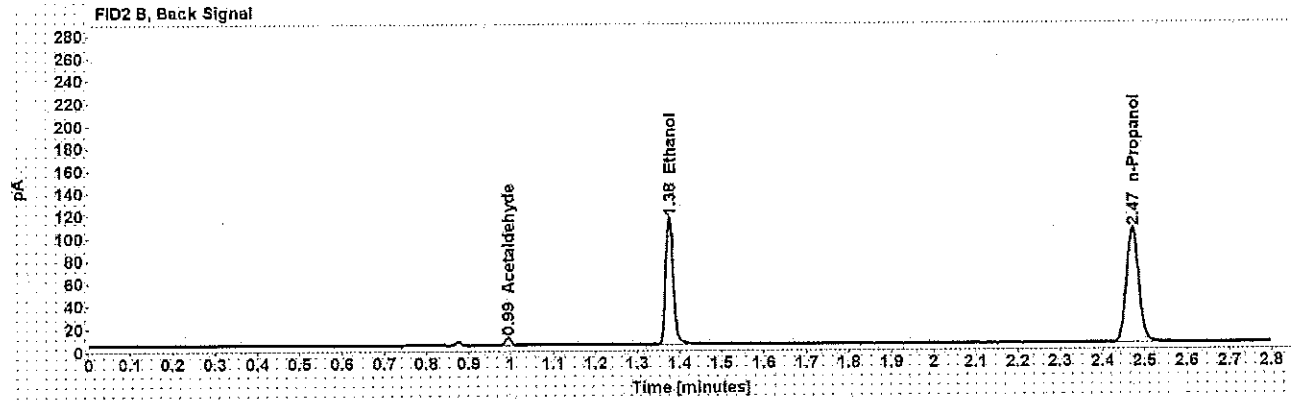
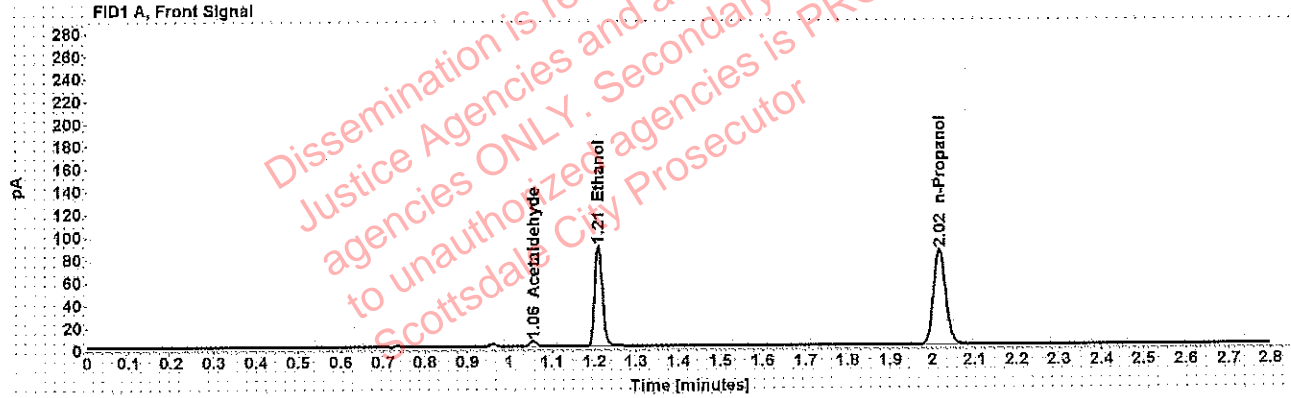


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.992
>Ethanol	0.1757	1.210	113.423
n-Propanol	-----	2.016	168.567

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.557
Ethanol	1.375	140.264
n-Propanol	2.471	207.415

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 5:14:49 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\41.D	Analyst:	Adrian

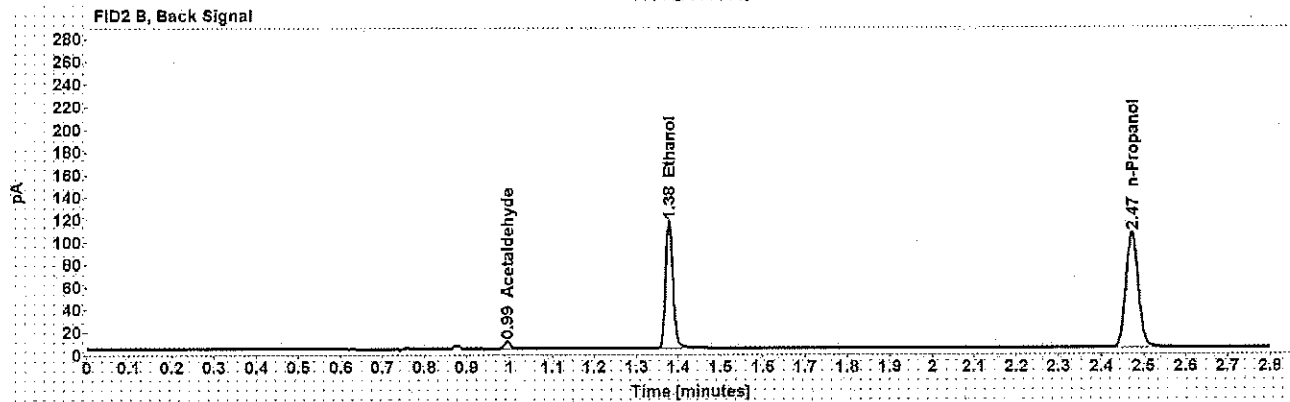
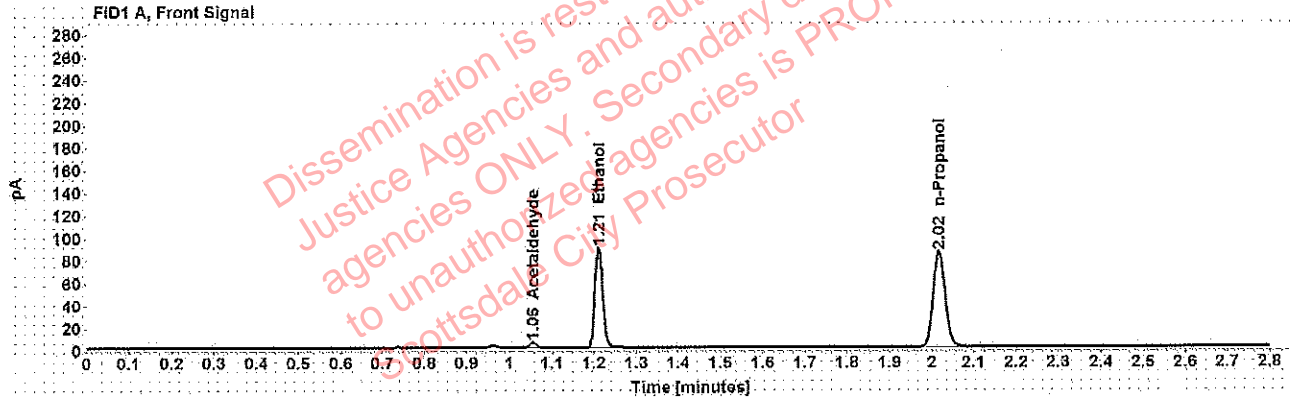


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.910
>Ethanol	0.1769	1.211	114.939
n-Propanol	-----	2.017	169.609

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	6.432
Ethanol	1.377	142.008
n-Propanol	2.472	208.875

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 5:23:05 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\43.D	Analyst:	Adrian

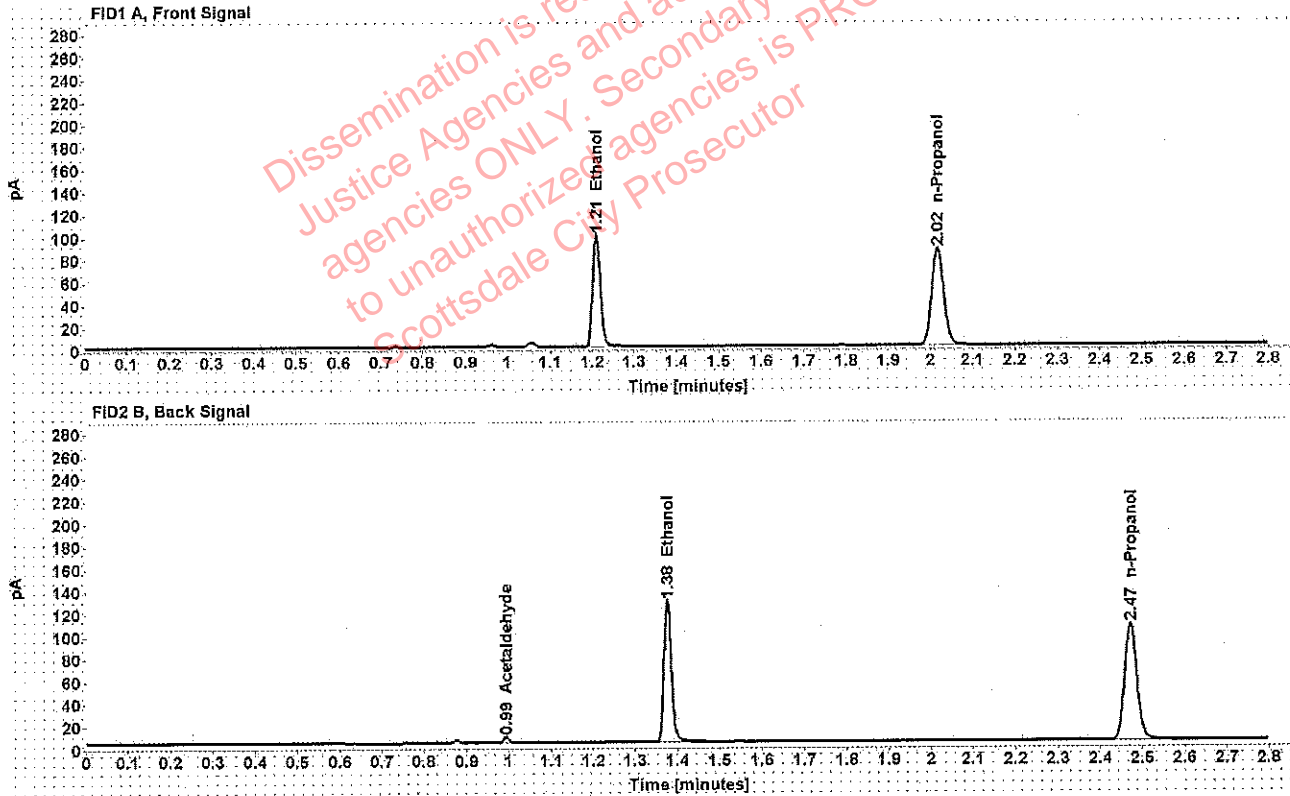


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1933	1.210	127.473
n-Propanol	-----	2.017	172.060

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.931
Ethanol	1.377	157.900
n-Propanol	2.472	211.778

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 5:27:05 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\44.D	Analyst:	Adrian

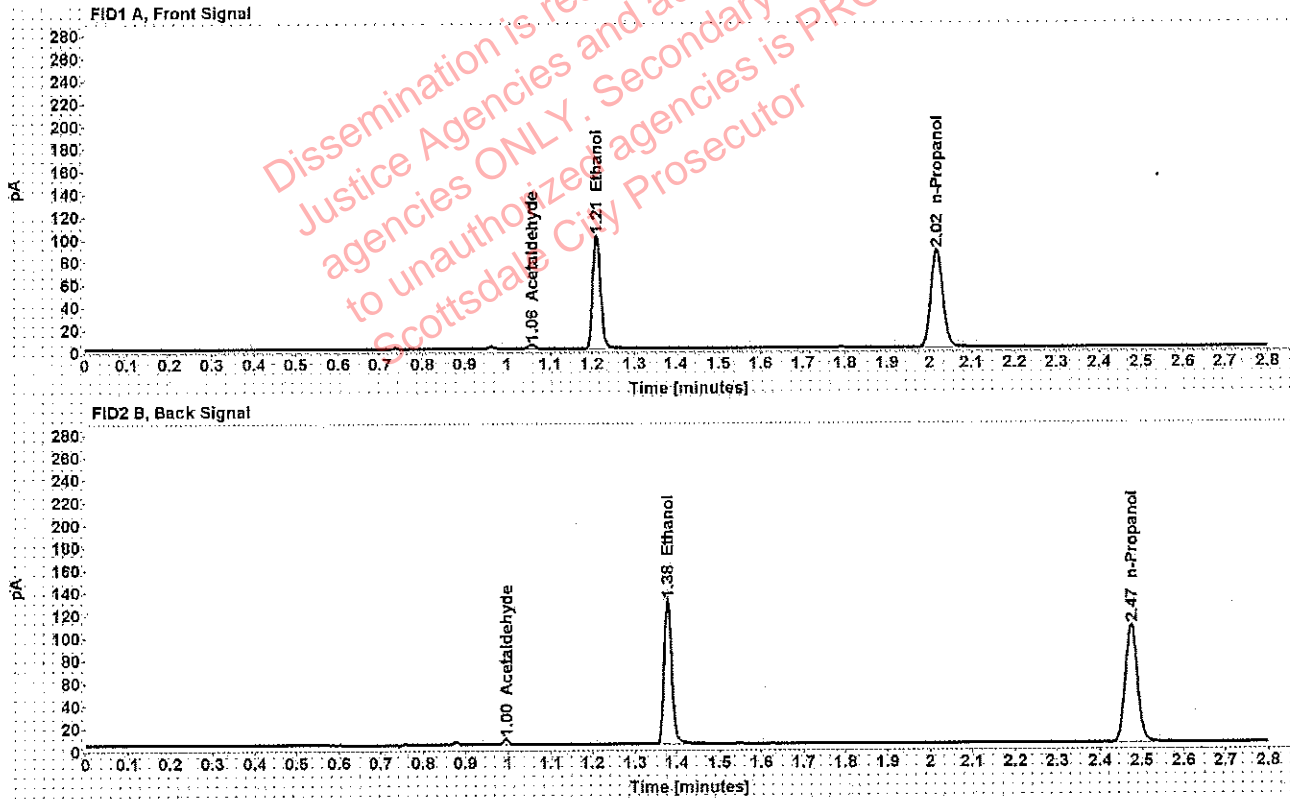


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.783
>Ethanol	0.1946	1.211	129.279
n-Propanol	-----	2.018	173.395

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	4.893
Ethanol	1.378	160.449
n-Propanol	2.474	213.530

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 5:31:05 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\45.D	Analyst:	Adrian

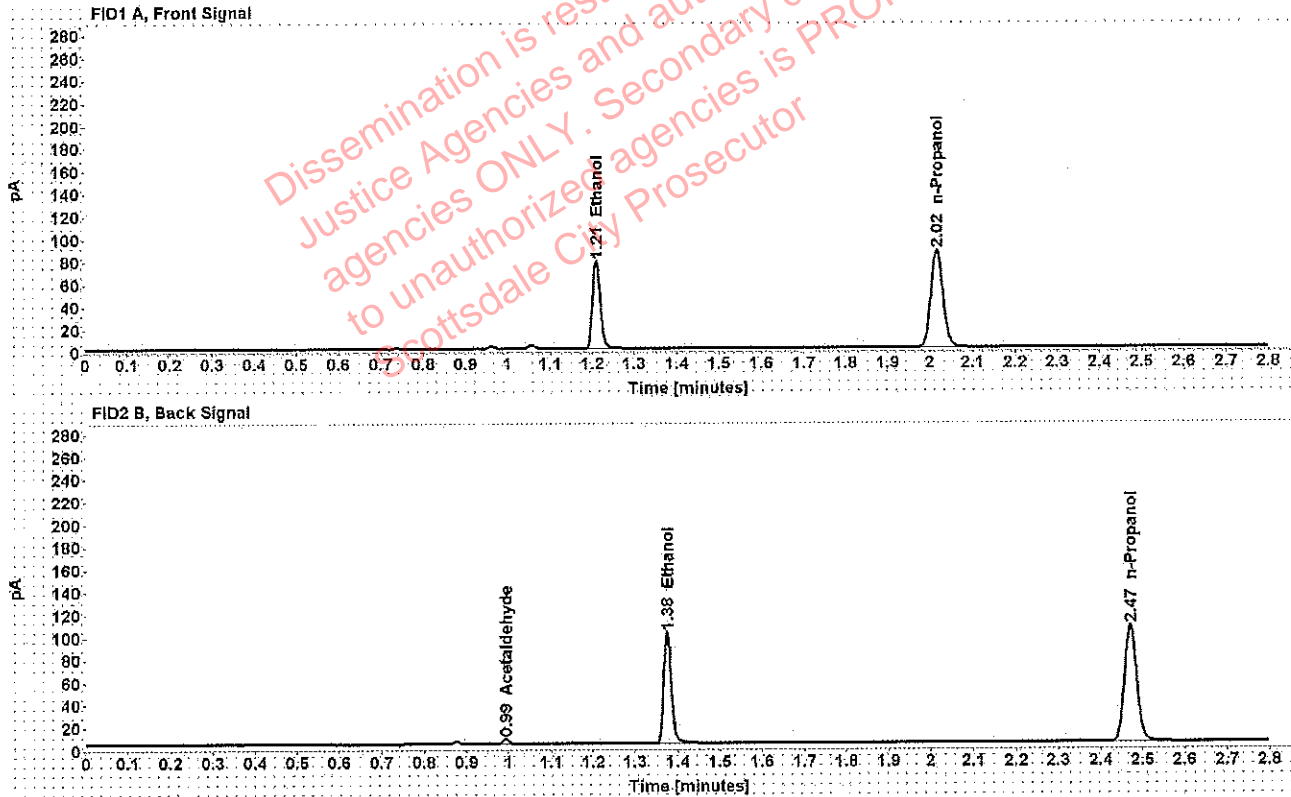


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1506	1.210	99.662
n-Propanol	-----	2.016	172.923

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.326
Ethanol	1.376	123.540
n-Propanol	2.471	212.906

Adrian, William - (15-May-2019)

Case: [REDACTED] User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 5:35:06 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\46.D	Analyst:	Adrian

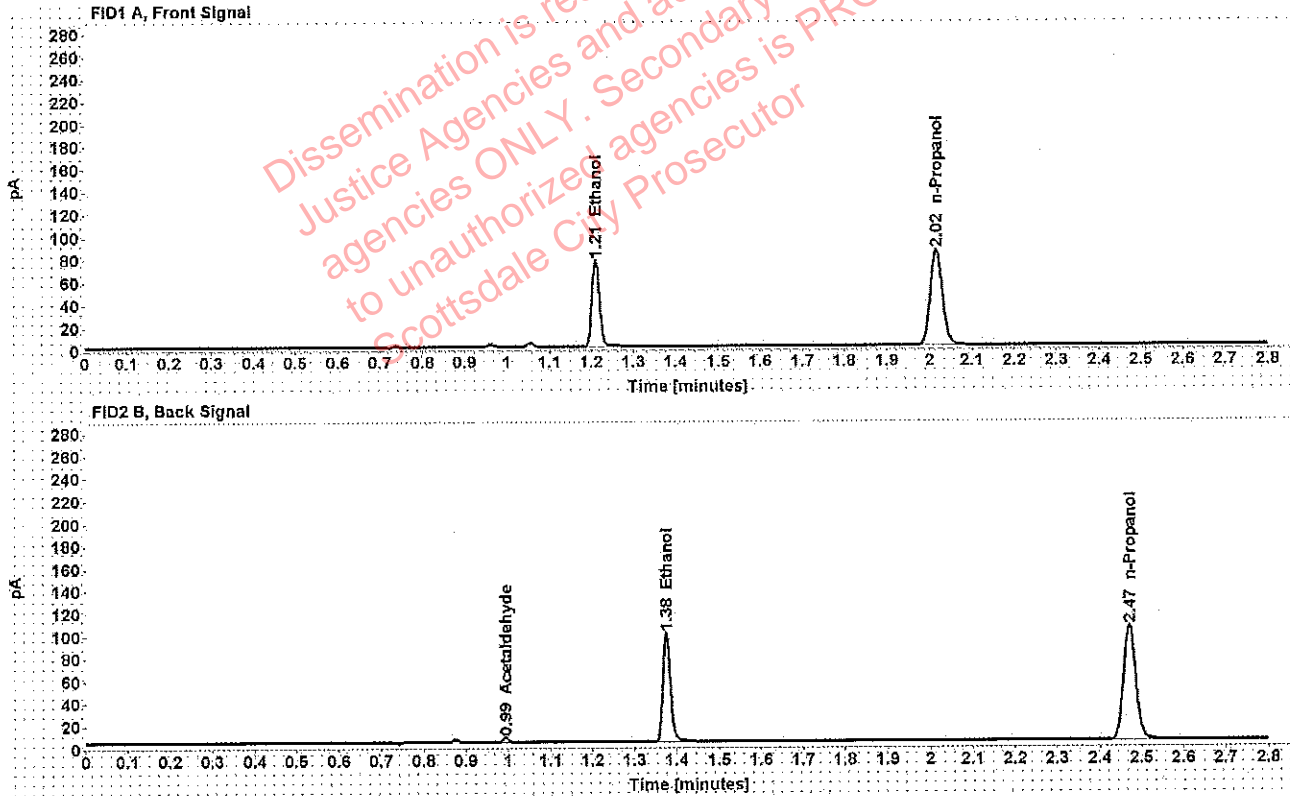


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1515	1.210	97.952
n-Propanol	-----	2.016	168.953

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.221
Ethanol	1.375	121.101
n-Propanol	2.471	207.835

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 5:39:06 PM
Data file:	C:\Chem32\1\Data\rstest3\14May19\47.D	Analyst:	Adrian

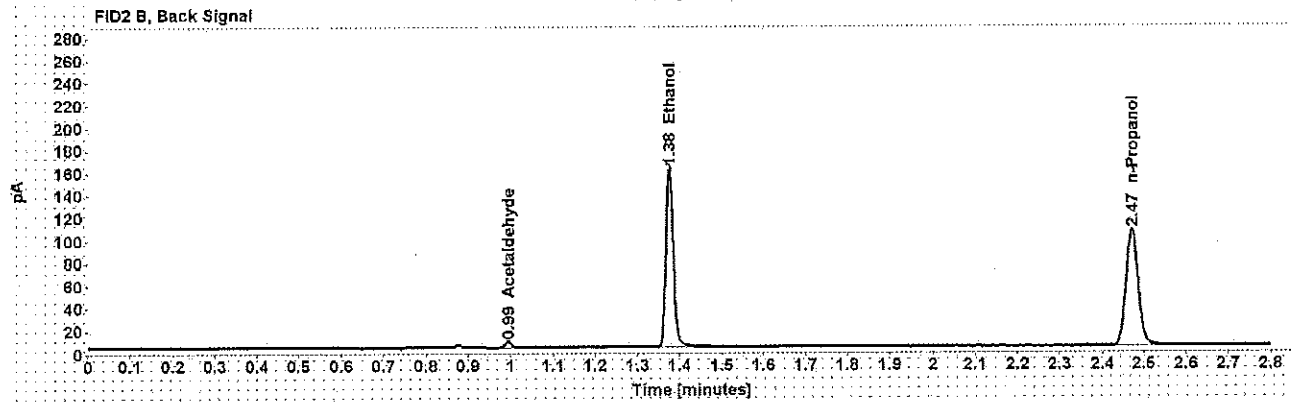
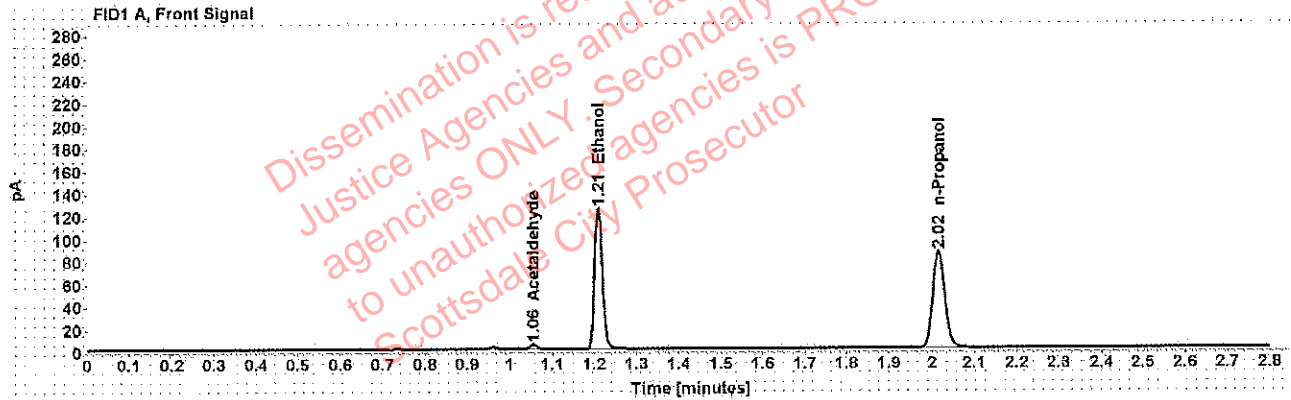


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.021
>Etanol	0.2436	1.209	159.792
n-Propanol	-----	2.016	170.997

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.286
Ethanol	1.376	198.926
n-Propanol	2.471	210.583

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 5:43:05 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\48.D	Analyst:	Adrian

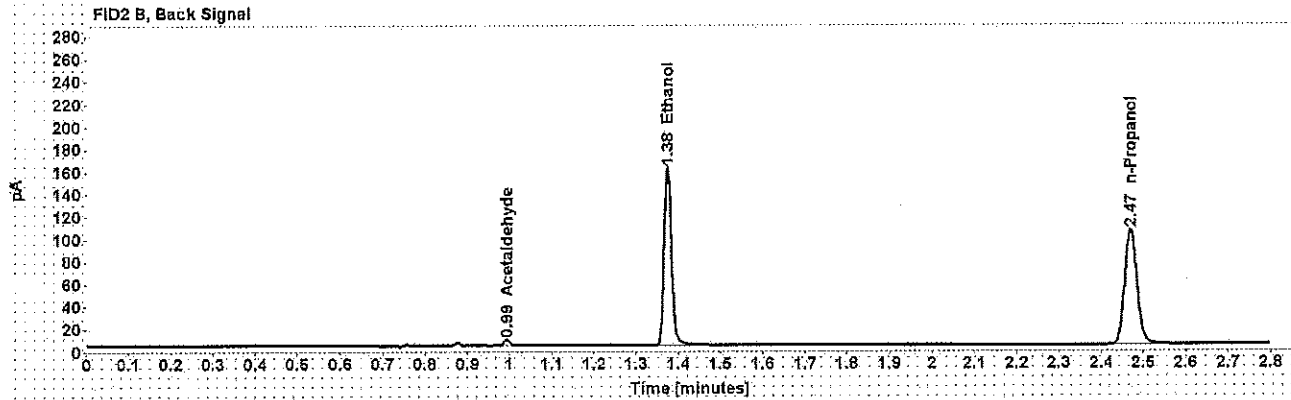
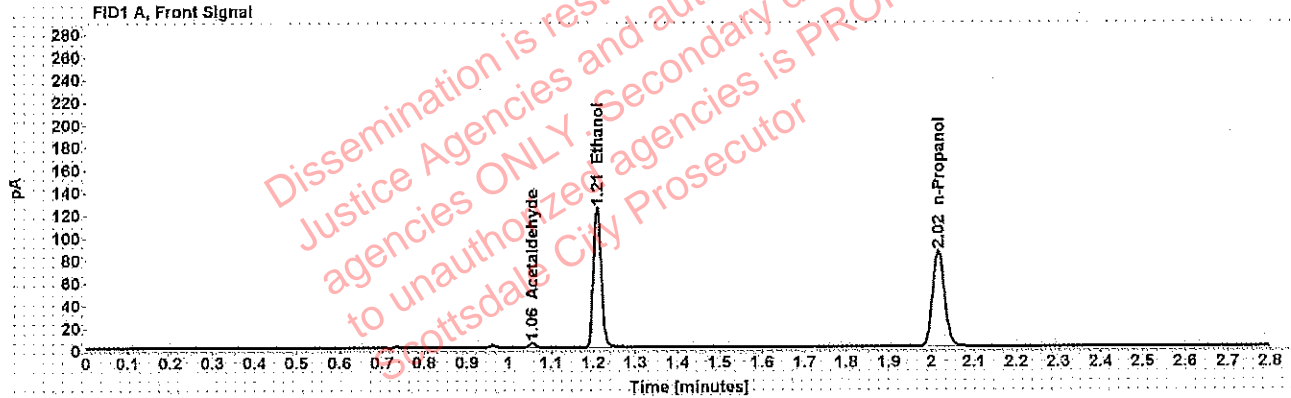


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.032
>Ethanol	0.2440	1.209	158.765
n-Propanol	-----	2.016	169.633

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.292
Ethanol	1.375	197.883
n-Propanol	2.470	208.844

Adrian, William - (15-May-2019)

Case: User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	49
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 5:47:20 PM
Data file:	C:\Chem32\1\Data\rsctest3\14May19\49.D	Analyst:	Adrian

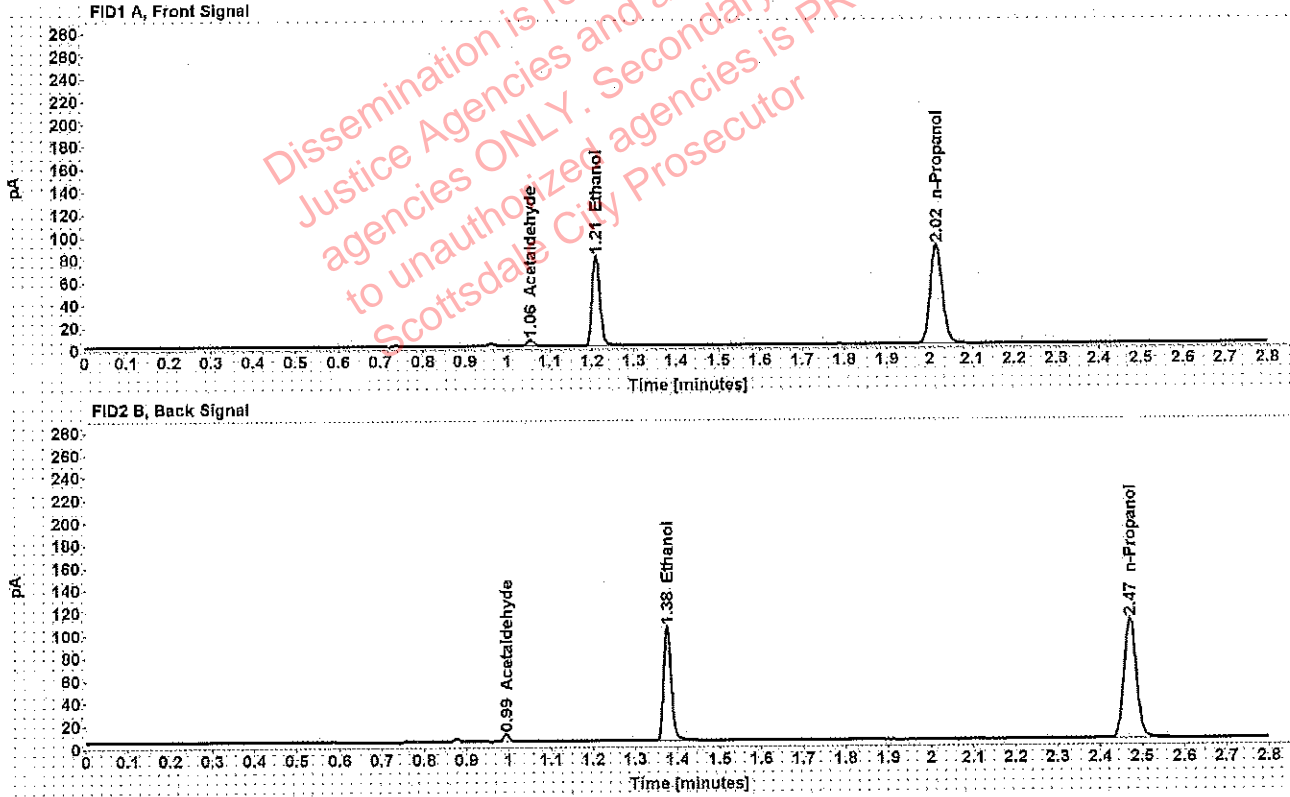


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.169
>Ethanol	0.1517	1.210	101.936
n-Propanol	-----	2.016	175.547

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.772
Ethanol	1.375	125.849
n-Propanol	2.470	216.068

Adrian, William - (15-May-2019)

Case: [redacted] User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Vial:	50
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 5:51:19 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\50.D	Analyst:	Adrian

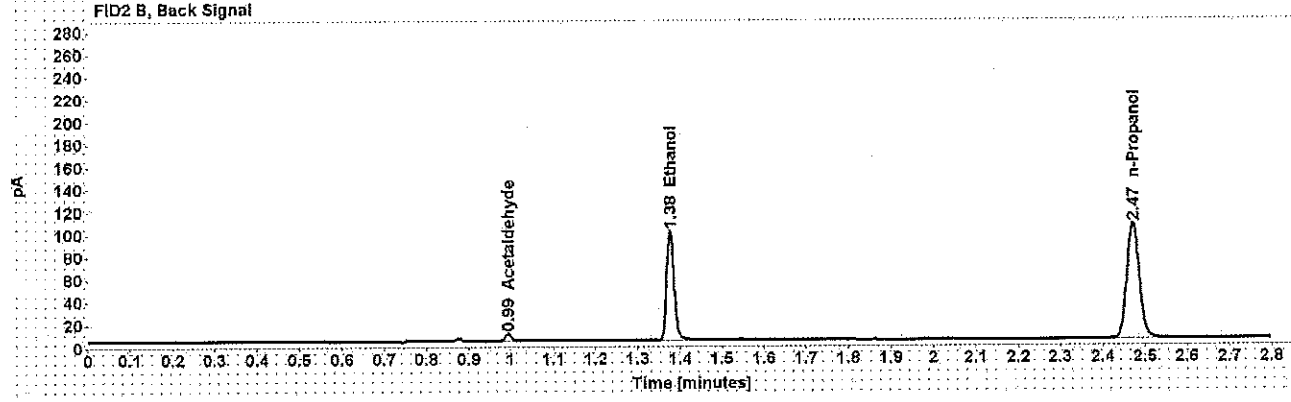
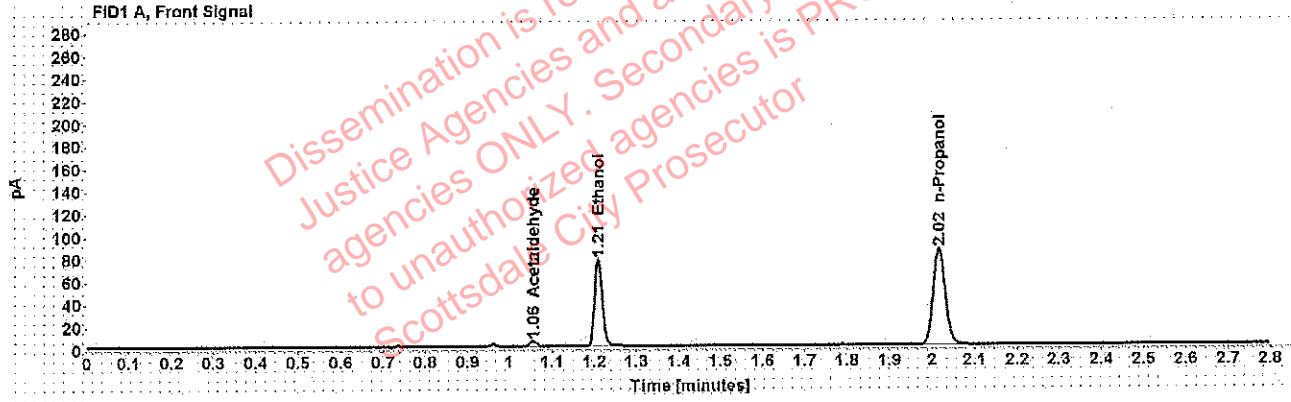


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.034
>Ethanol	0.1514	1.210	98.423
n-Propanol	-----	2.016	169.851

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.575
Ethanol	1.376	121.720
n-Propanol	2.471	209.350

Adrian, William - (15-May-2019)

Case: [REDACTED] User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 5:55:19 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\51.D	Analyst:	Adrian

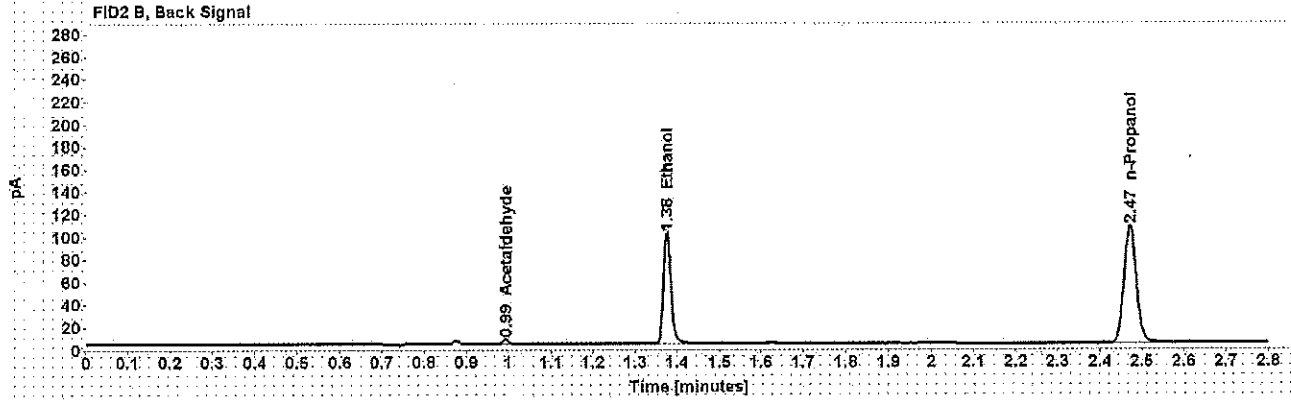
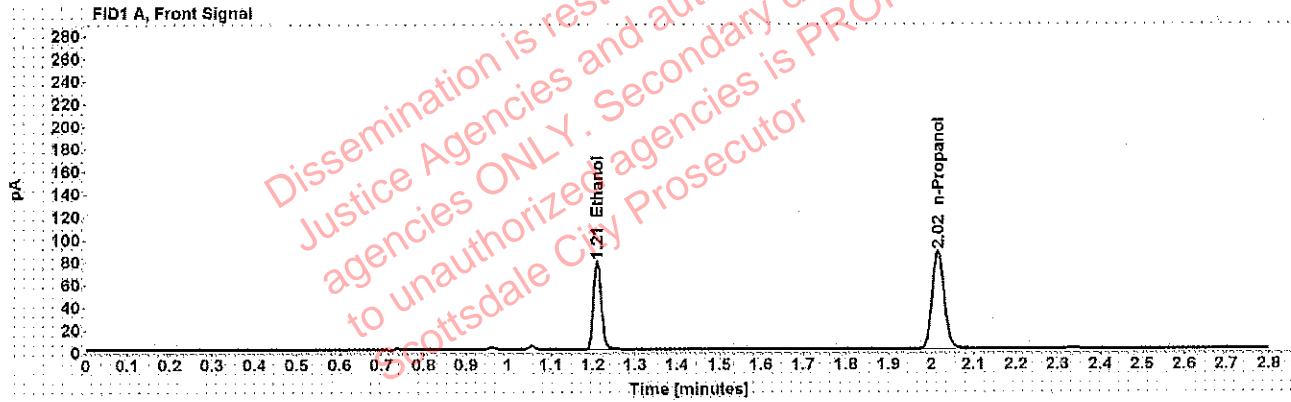


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1510	1.210	99.819
n-Propanol	-----	2.016	172.736

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.939
Ethanol	1.376	123.661
n-Propanol	2.471	212.739

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	52
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 5:59:20 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\52.D	Analyst:	Adrian

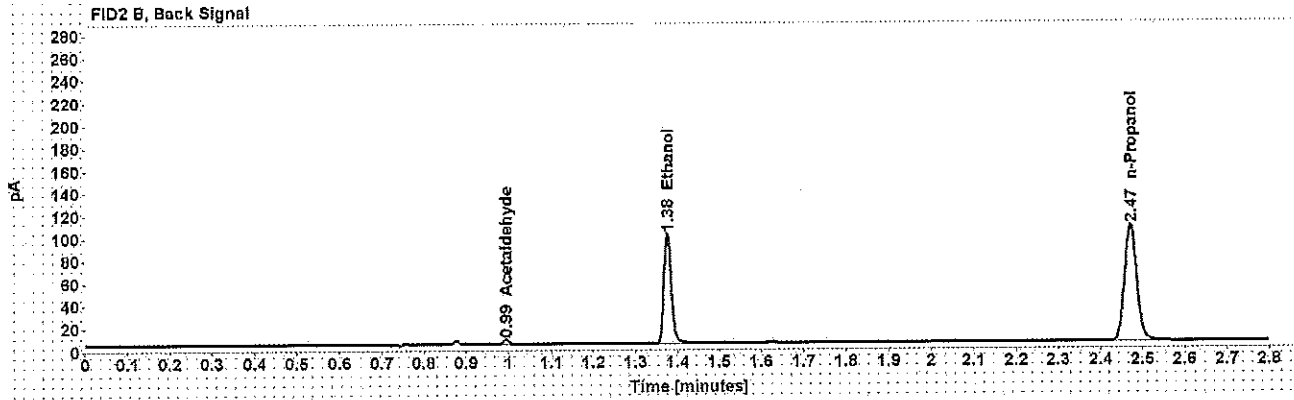
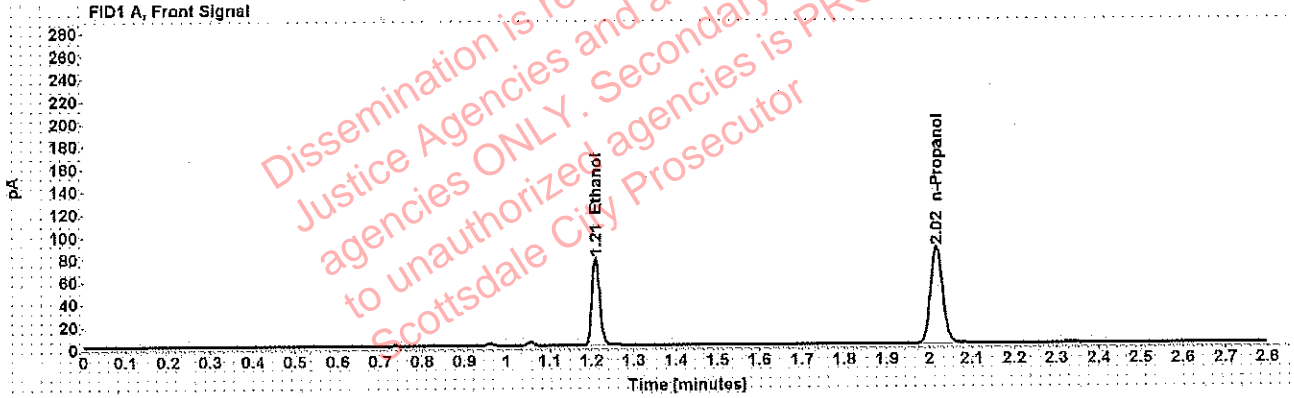


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1512	1.210	99.081
n-Propanol	-----	2.016	171.268

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.065
Ethanol	1.376	123.008
n-Propanol	2.471	211.056

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	54
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 6:07:19 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\54.D	Analyst:	Adrian

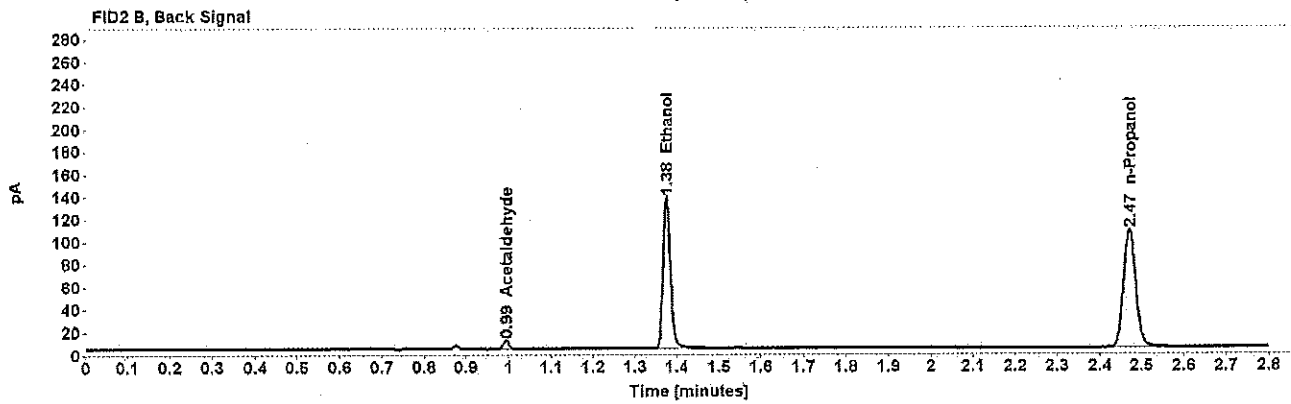
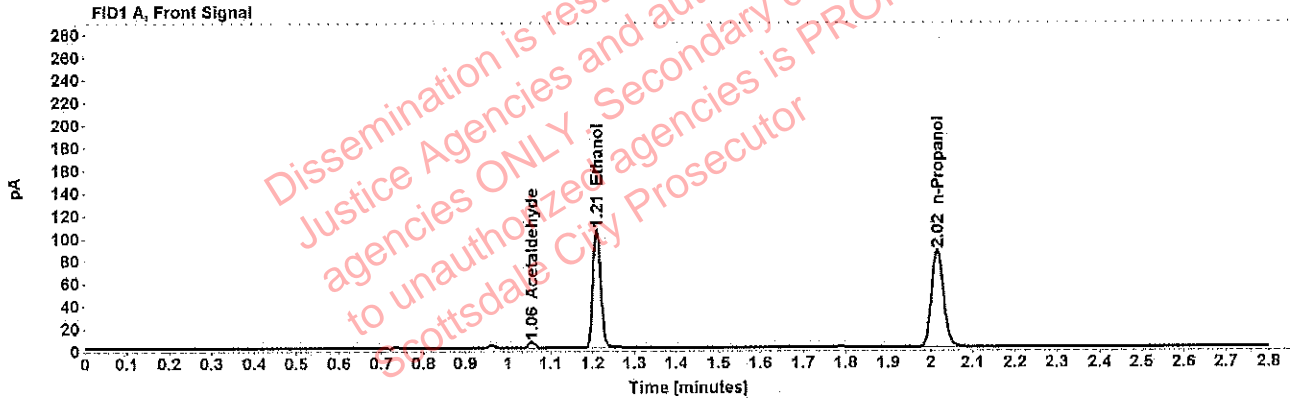


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.498
>Ethanol	0.2042	1.209	134.918
n-Propanol	-----	2.016	172.417

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	7.172
Ethanol	1.375	167.071
n-Propanol	2.471	212.067

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	55
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 6:11:34 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\55.D	Analyst:	Adrian

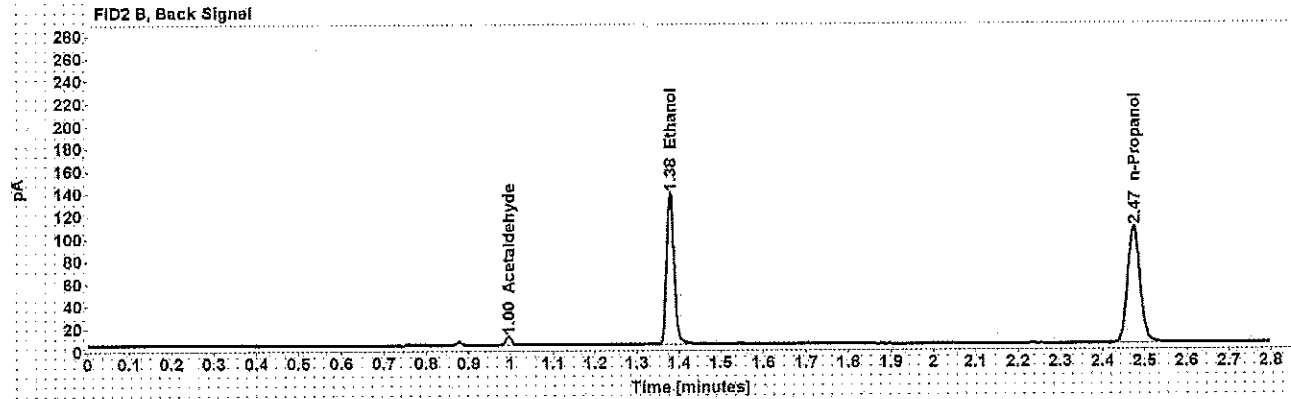
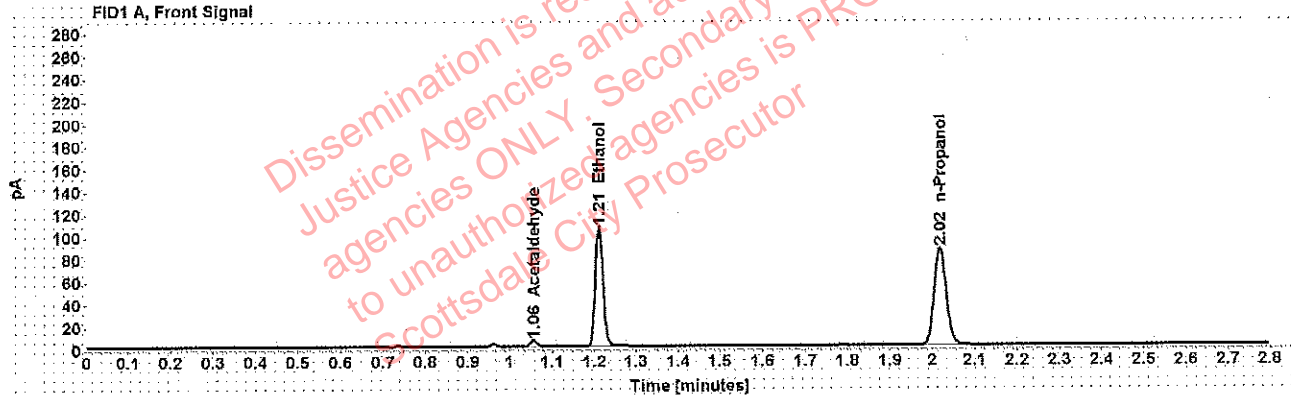


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	5.392
>Ethanol	0.2068	1.211	136.363
n-Propanol	-----	2.018	172.069

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	6.995
Ethanol	1.379	168.531
n-Propanol	2.474	211.327

[REDACTED]: Adrian, William - (15-May-2019)

Case: [REDACTED] User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	56
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 6:15:34 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\56.D	Analyst:	Adrian

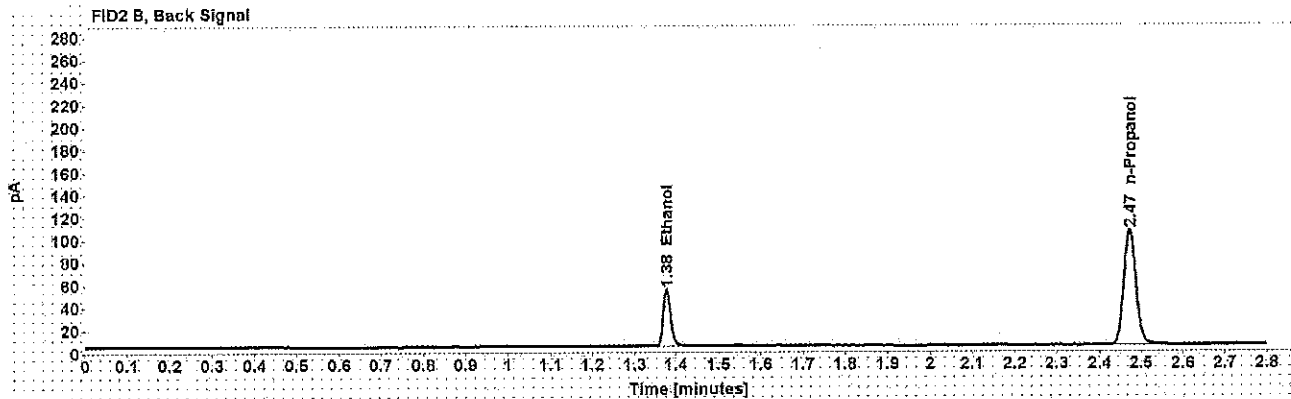
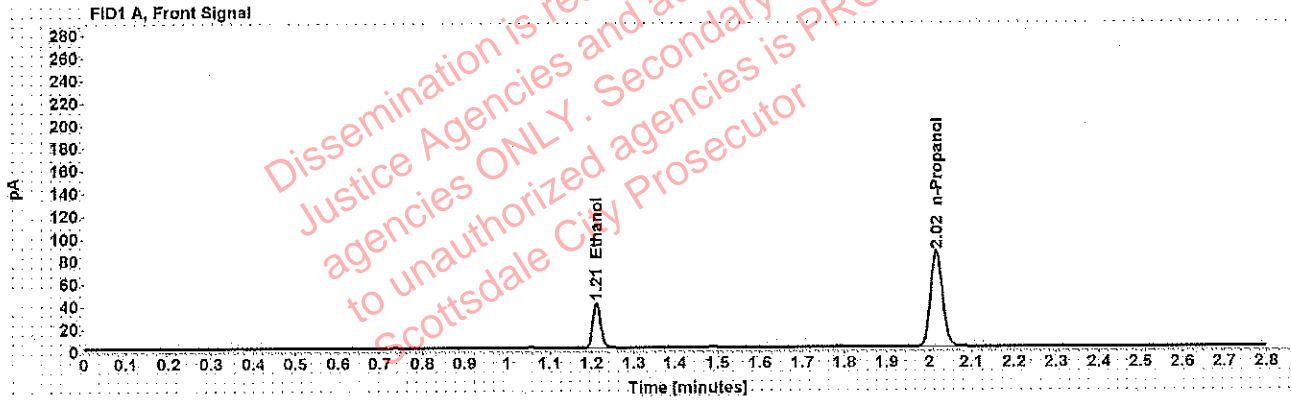


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0799	1.211	51.734
n-Propanol	-----	2.017	170.091

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

Compound	Time (min)	Peak Area
Ethanol	1.378	63.687
n-Propanol	2.472	208.975

Adrian, William - (15-May-2019)

Case: [REDACTED] User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	57
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 6:19:36 PM
Data file:	C:\Chem32\1\Data\rstdtest3\14May19\57.D	Analyst:	Adrian

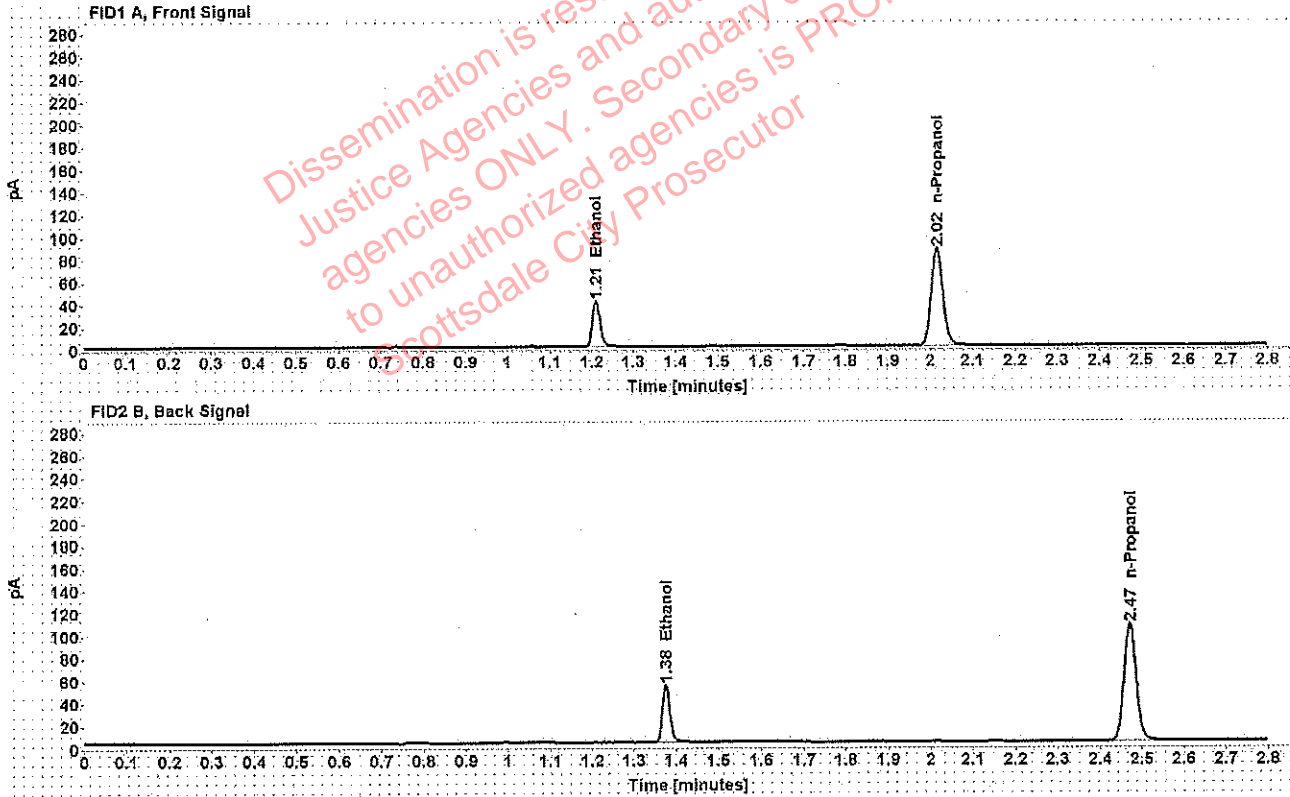


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0791	1.210	51.860
n-Propanol	-----	2.016	172.434

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

Compound	Time (min)	Peak Area
Ethanol	1.376	64.030
n-Propanol	2.470	211.989

Adrian, William - (15-May-2019)

Case: [REDACTED] User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	58
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 6:23:35 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\58.D	Analyst:	Adrian

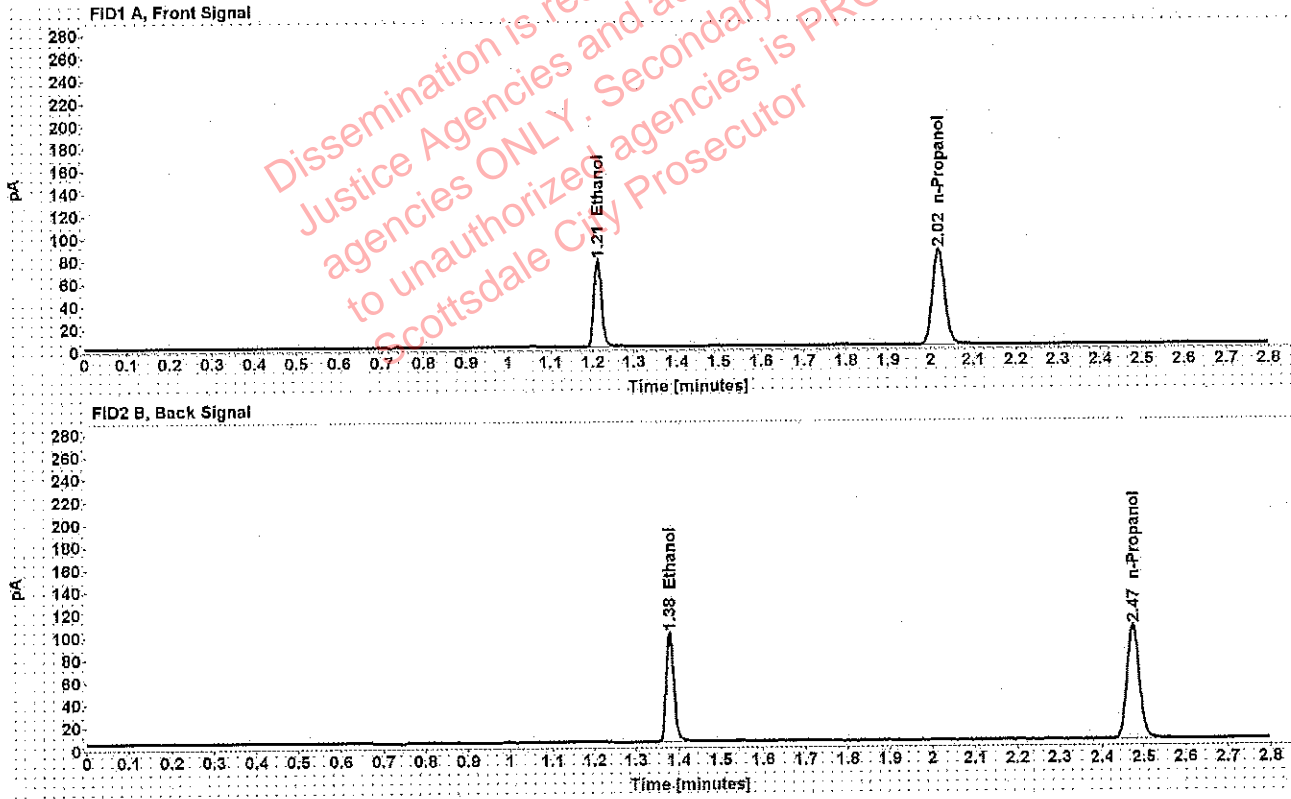


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1526	1.212	98.740
n-Propanol	-----	2.018	169.079

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

Compound	Time (min)	Peak Area
Ethanol	1.379	121.940
n-Propanol	2.474	207.808

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	59
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 6:27:36 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\59.D	Analyst:	Adrian

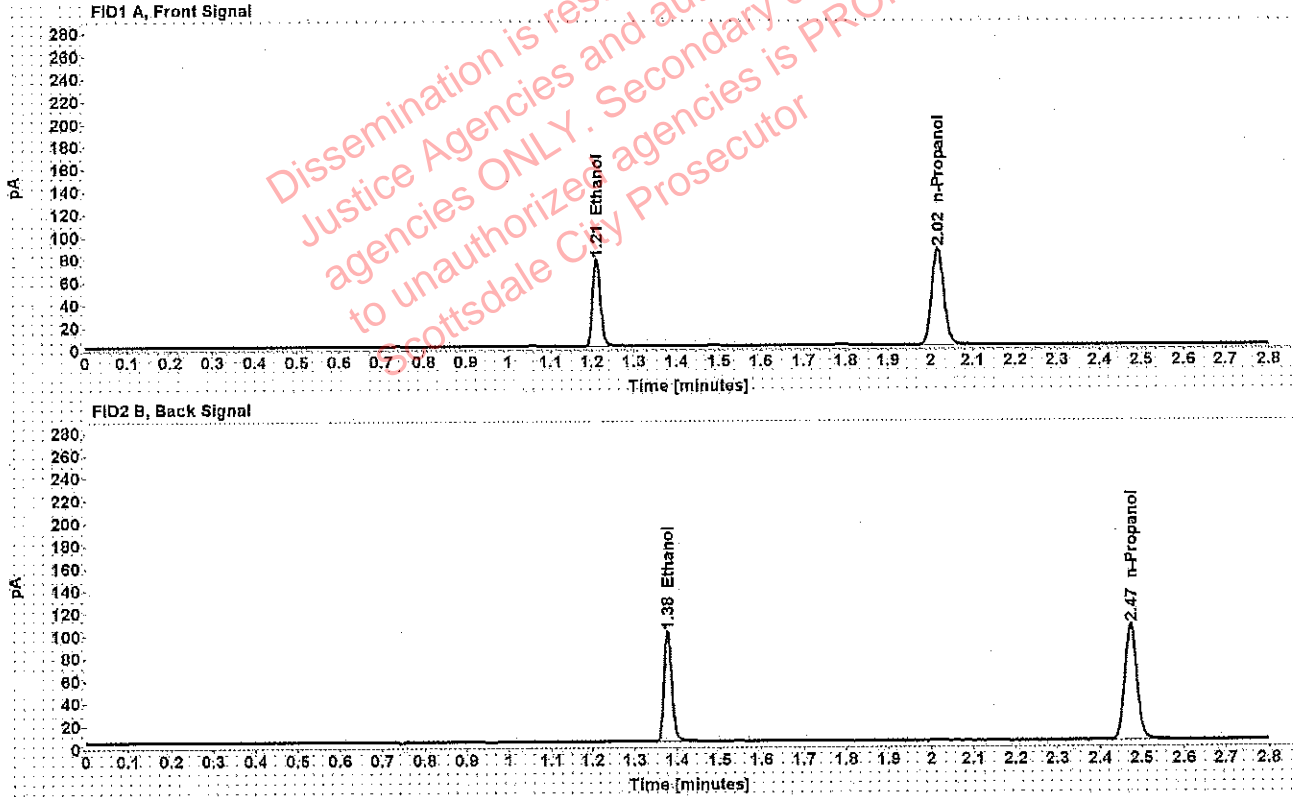


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1515	1.211	99.177
n-Propanol	-----	2.017	171.070

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

Compound	Time (min)	Peak Area
Ethanol	1.377	122.517
n-Propanol	2.472	210.485

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	60
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 6:31:35 PM
Data file:	C:\Chem32\1\Data\rstdtest3\14May19\60.D	Analyst:	Adrian

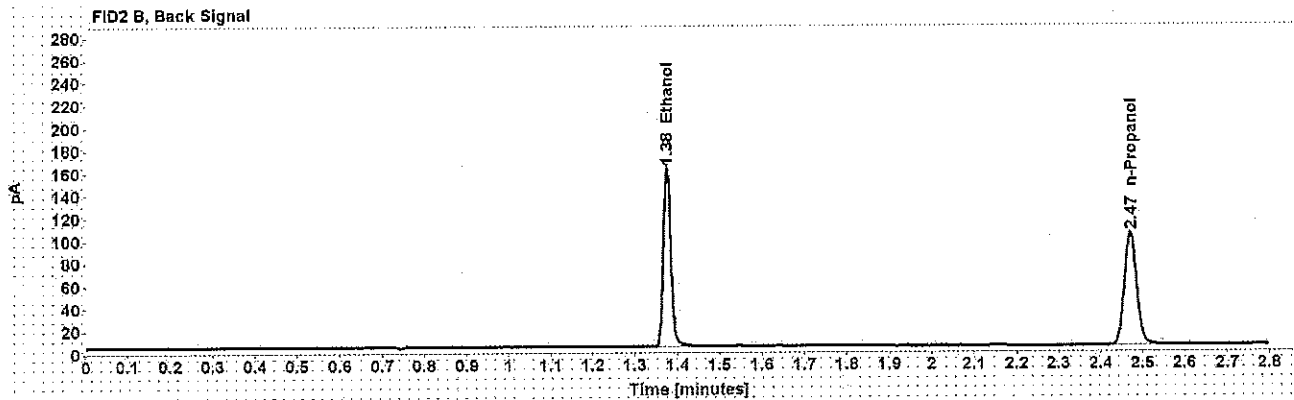
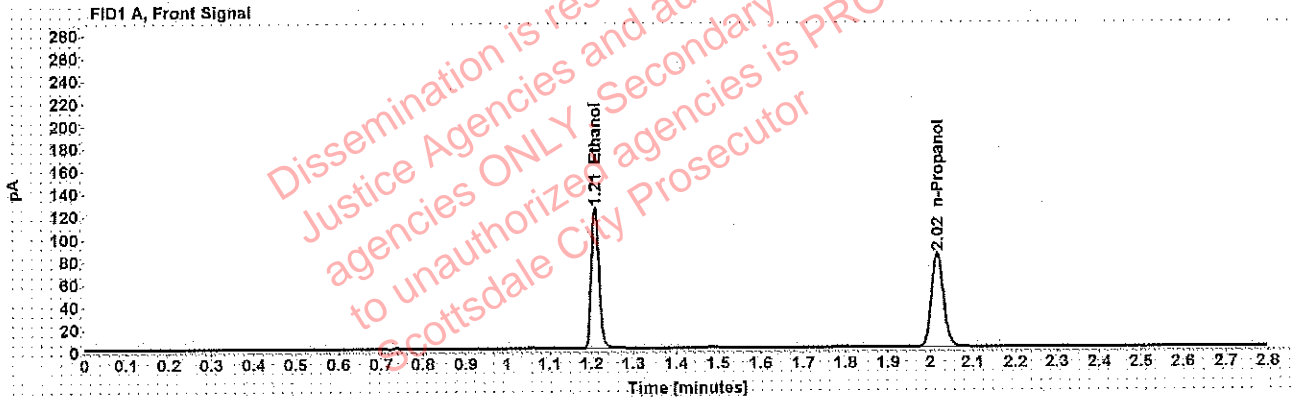


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2497	1.209	159.019
n-Propanol	-----	2.016	165.989

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

Compound	Time (min)	Peak Area
Ethanol	1.375	197.161
n-Propanol	2.471	204.659

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	61
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 6:35:50 PM
Data file:	C:\Chem32\1\Data\rstdtest3\14May19\61.D	Analyst:	Adrian

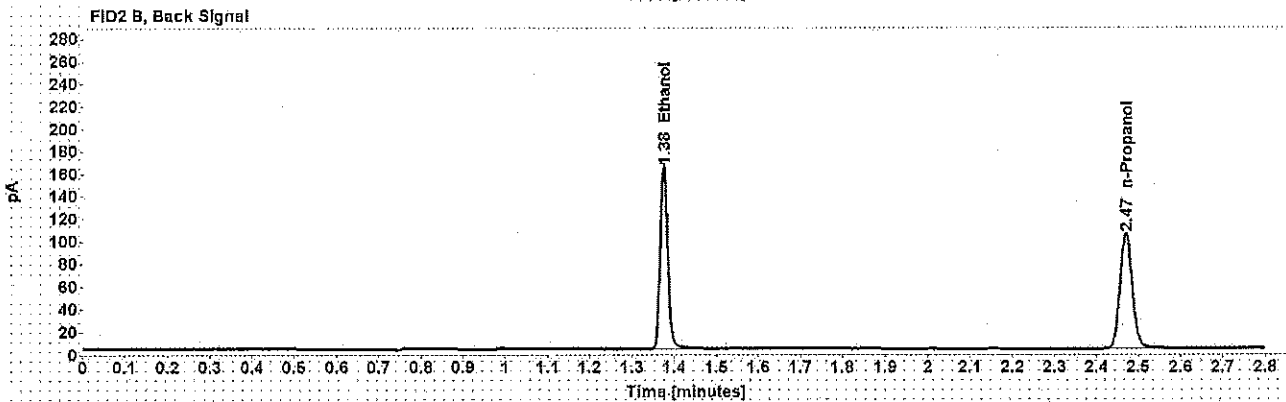
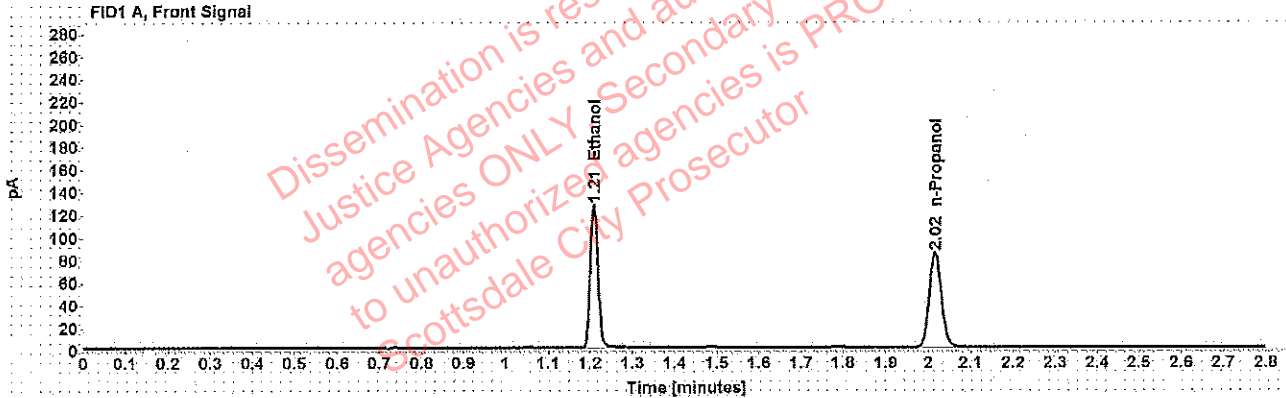


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2501	1.209	161.677
n-Propanol	-----	2.016	168.549

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

Compound	Time (min)	Peak Area
Ethanol	1.375	200.957
n-Propanol	2.471	207.628

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	62
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 6:39:51 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\62.D	Analyst:	Adrian

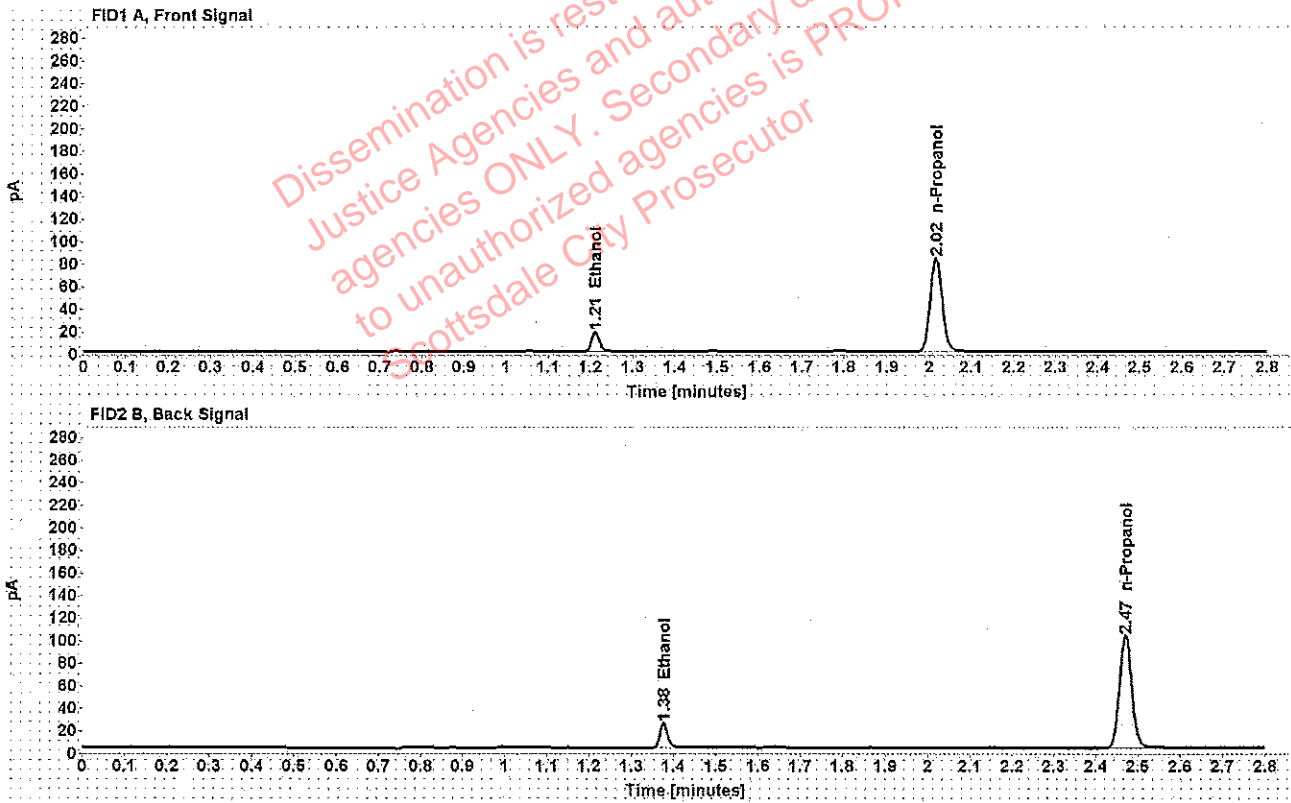


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0361	1.211	22.517
n-Propanol	-----	2.016	166.240

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

Compound	Time (min)	Peak Area
Ethanol	1.377	27.820
n-Propanol	2.470	204.334

Adrian, William - (15-May-2019)

Case: [REDACTED] User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	63
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 6:43:50 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\63.D	Analyst:	Adrian

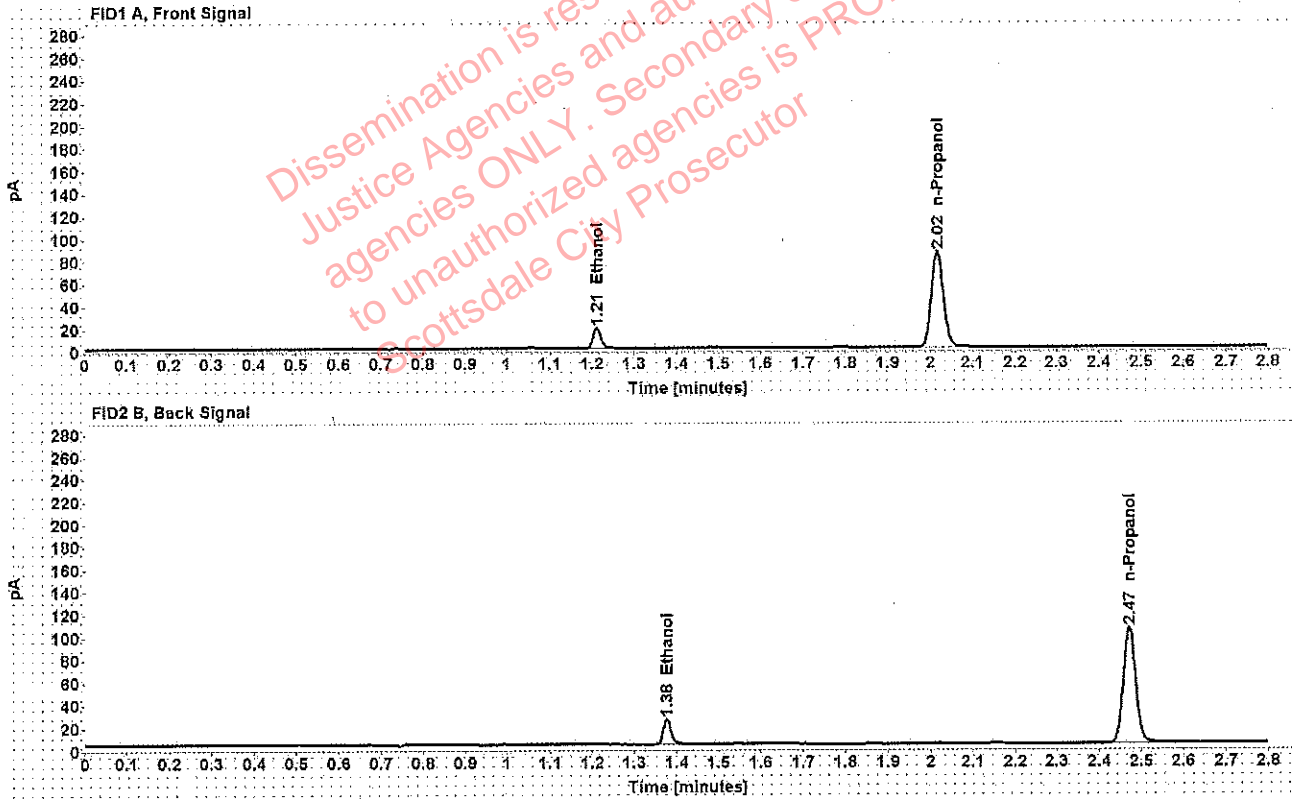


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0361	1.211	23.029
n-Propanol	-----	2.016	170.051

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

Compound	Time (min)	Peak Area
Ethanol	1.377	28.395
n-Propanol	2.470	209.196

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	65
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 6:51:50 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\65.D	Analyst:	Adrian

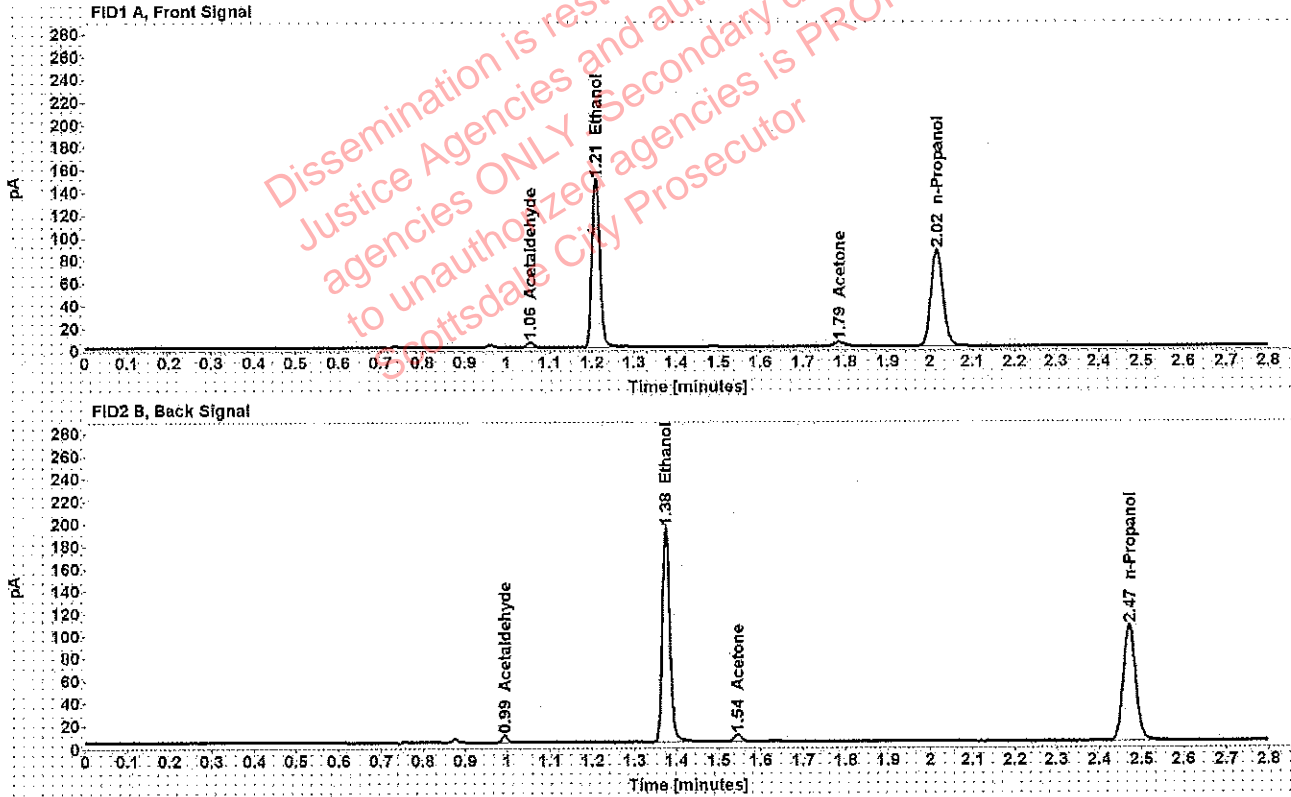


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.515
>Ethanol	0.2900	1.209	190.397
Acetone	-----	1.786	6.712
n-Propanol	-----	2.016	171.076

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.918
Ethanol	1.375	239.284
Acetone	1.544	9.608
n-Propanol	2.471	210.877

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	66
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 6:55:49 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\66.D	Analyst:	Adrian

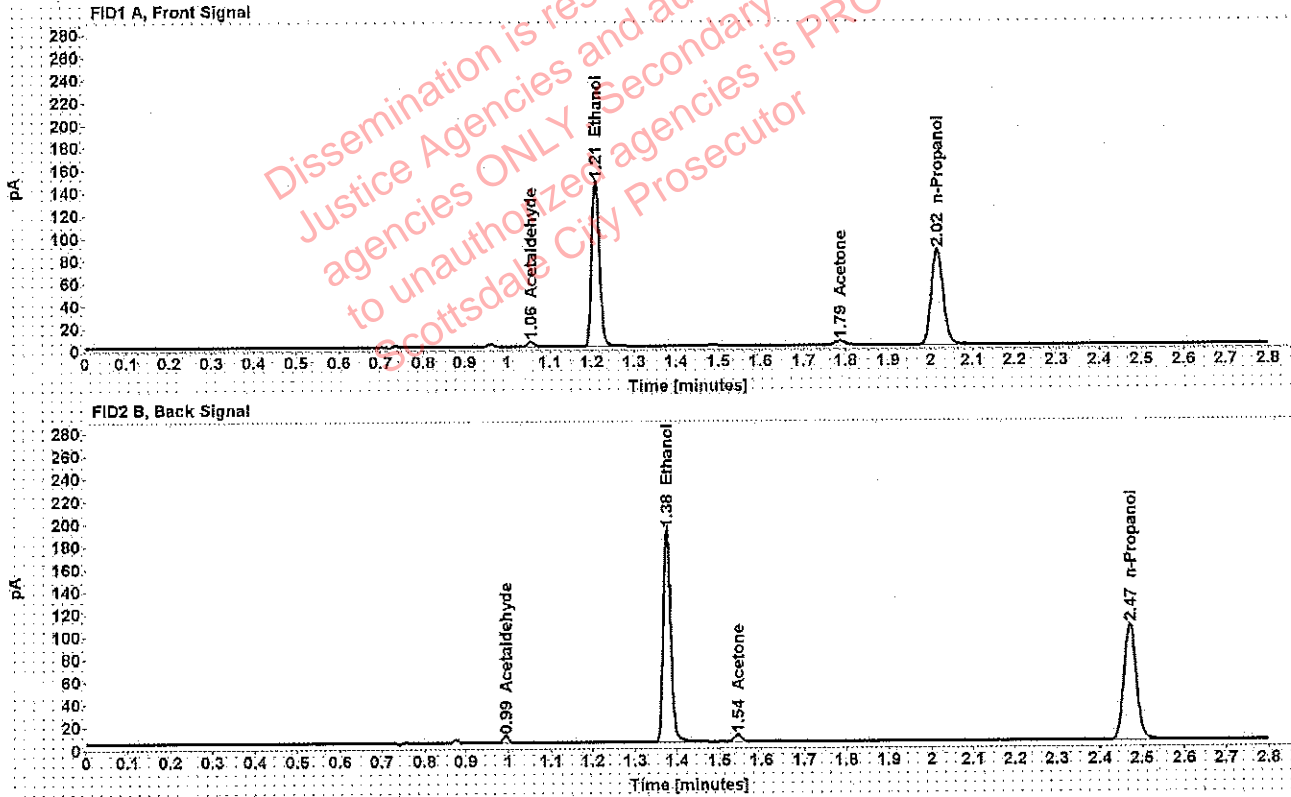


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.607
>Ethanol	0.2892	1.209	188.701
Acetone	-----	1.786	6.697
n-Propanol	-----	2.016	170.009

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.064
Ethanol	1.375	237.108
Acetone	1.544	9.002
n-Propanol	2.471	209.470

[REDACTED] : Adrian, William - (15-May-2019)

Case: [REDACTED] User: wadrian 5/15/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	67
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 7:00:05 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\67.D	Analyst:	Adrian

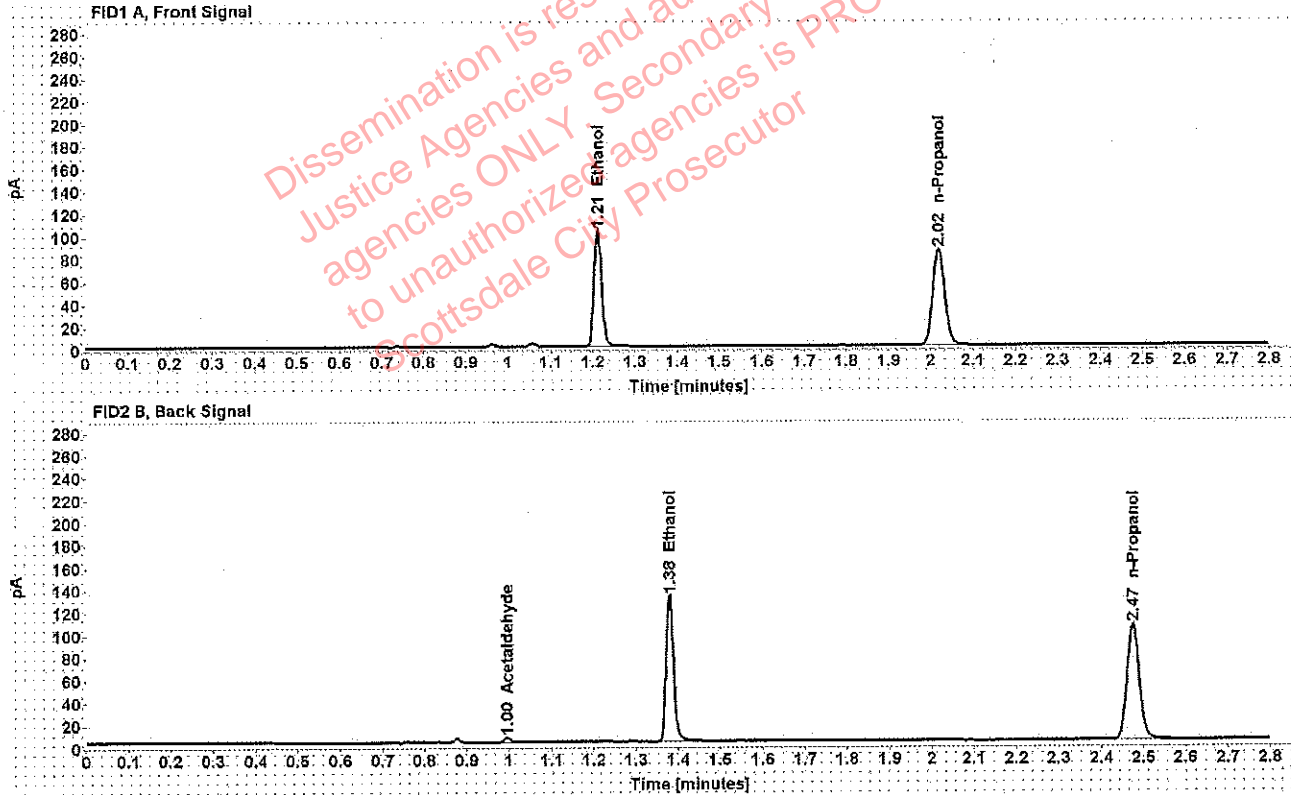


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2029	1.212	132.318
n-Propanol	-----	2.018	170.135

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.996	3.810
Ethanol	1.379	165.956
n-Propanol	2.474	210.128

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	68
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 7:04:04 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\68.D	Analyst:	Adrian

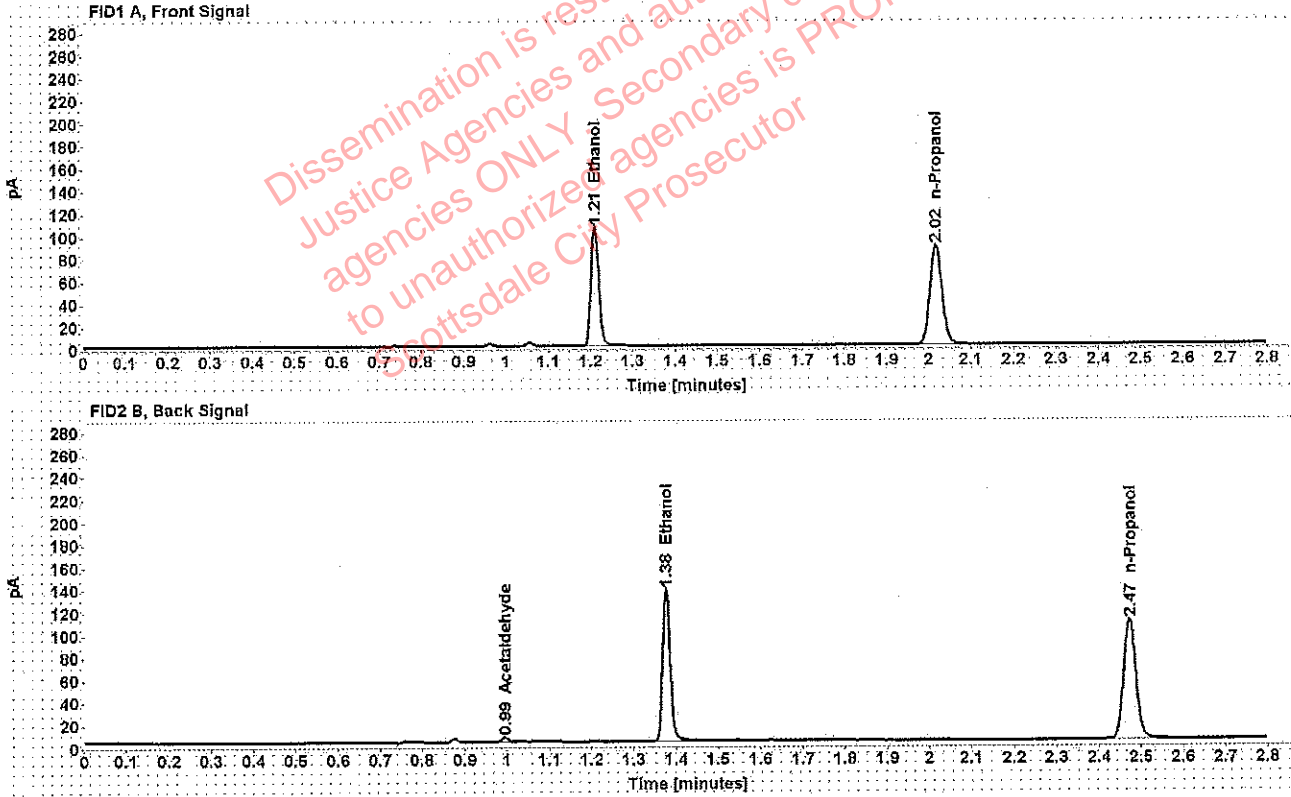


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2008	1.210	135.680
n-Propanol	-----	2.017	176.281

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	3.897
Ethanol	1.377	170.703
n-Propanol	2.472	217.568

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	69
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 7:08:05 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\69.D	Analyst:	Adrian

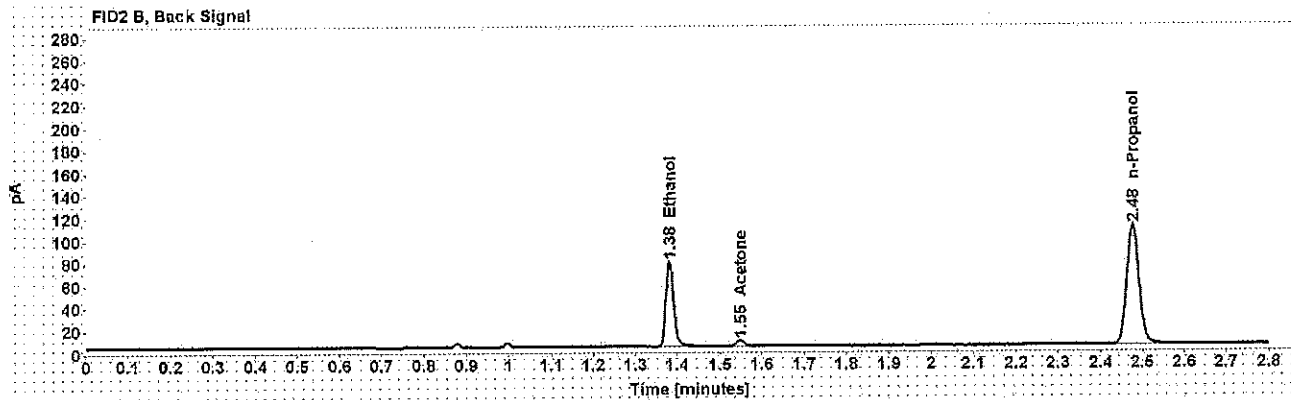
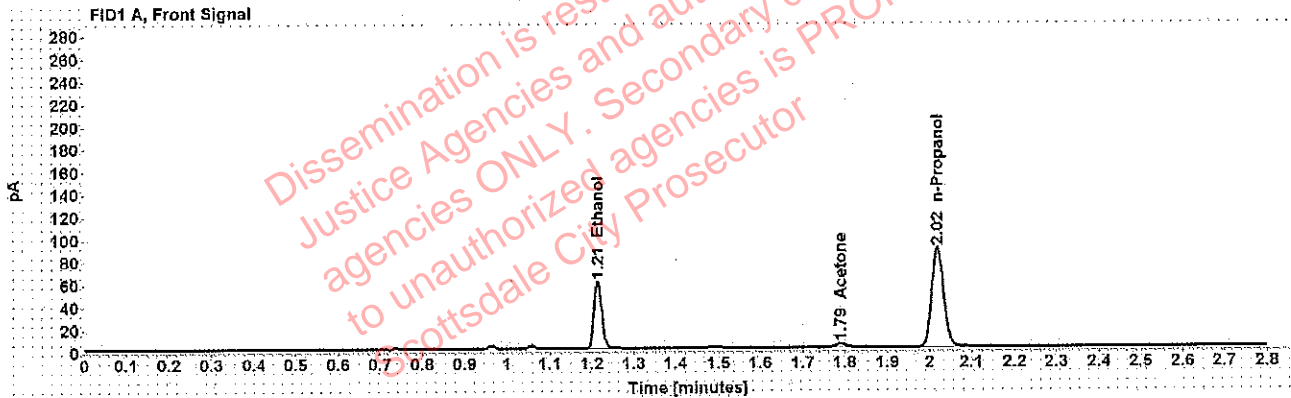


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1154	1.214	77.577
Acetone	-----	1.790	5.513
n-Propanol	-----	2.020	175.961

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

Compound	Time (min)	Peak Area
Ethanol	1.382	98.011
Acetone	1.548	6.553
n-Propanol	2.477	216.497

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	70
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 7:12:04 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\70.D	Analyst:	Adrian

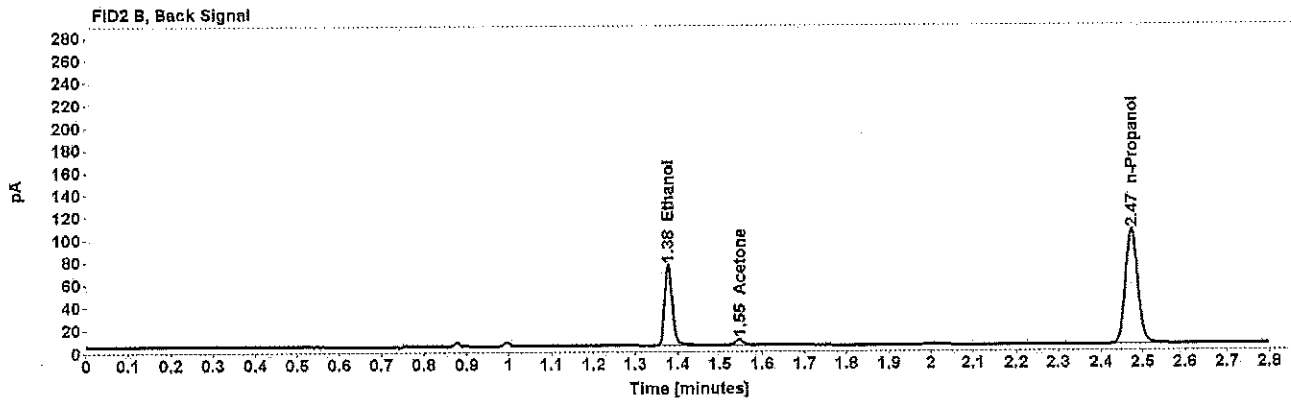
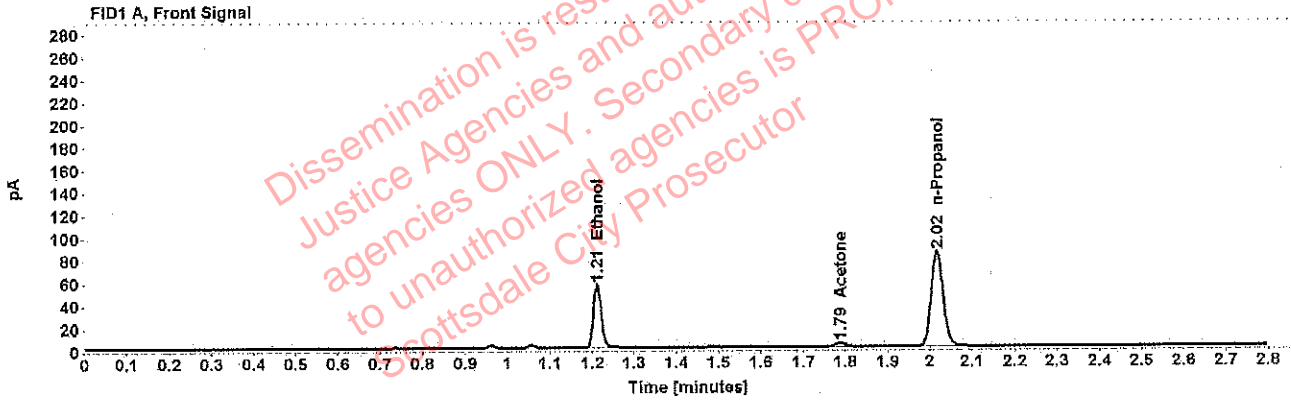


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1126	1.211	72.089
Acetone	-----	1.788	5.483
n-Propanol	-----	2.017	167.660

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

Compound	Time (min)	Peak Area
Ethanol	1.378	89.208
Acetone	1.545	6.594
n-Propanol	2.473	206.143

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	71
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 7:16:04 PM
Data file:	C:\Chem32\1\1Data\rsdtest3\14May19\71.D	Analyst:	Adrian

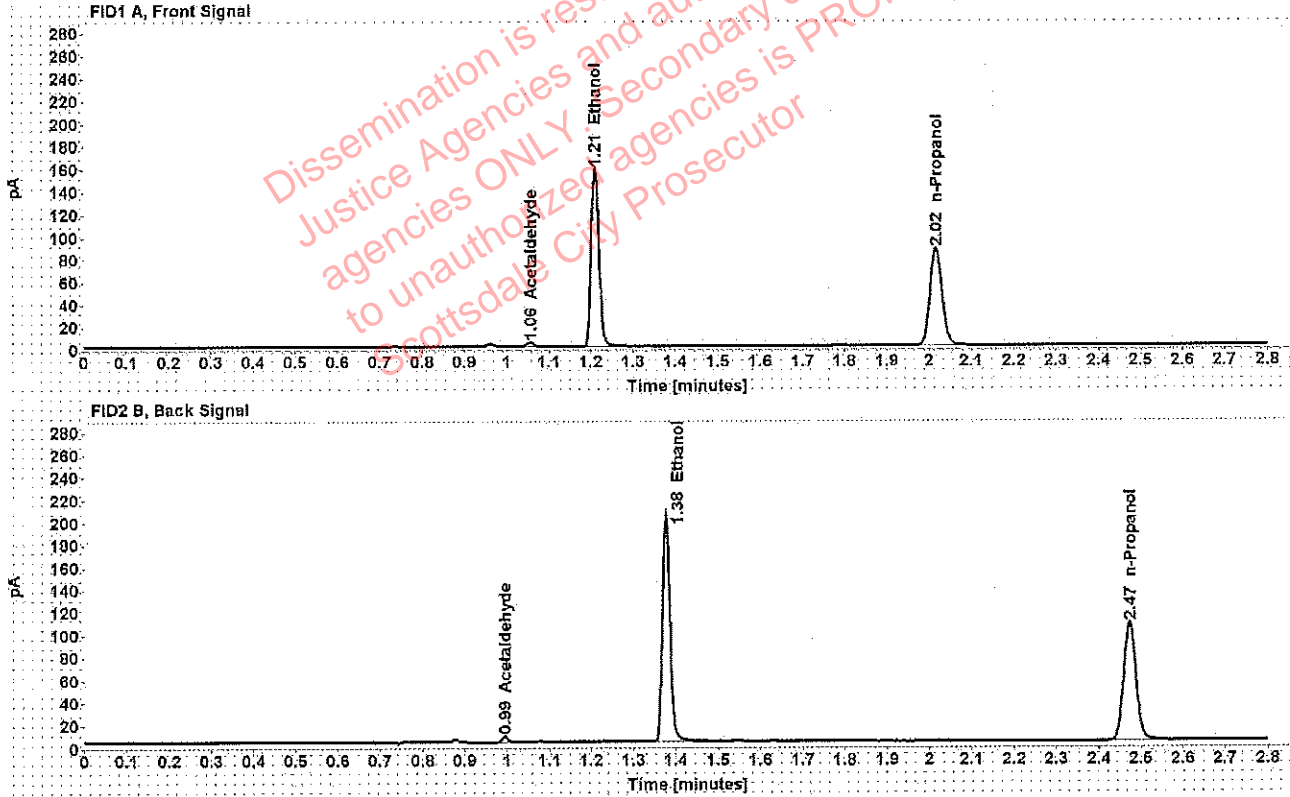


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.809
>Ethanol	0.3037	1.210	202.228
n-Propanol	-----	2.017	173.472

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	4.996
Ethanol	1.377	254.374
n-Propanol	2.472	214.106

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	72
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14May19
Instrument:	US14173023 CN14160045	Injection date:	5/14/2019 7:20:05 PM
Data file:	C:\Chem32\1\Data\rsdtest3\14May19\72.D	Analyst:	Adrian

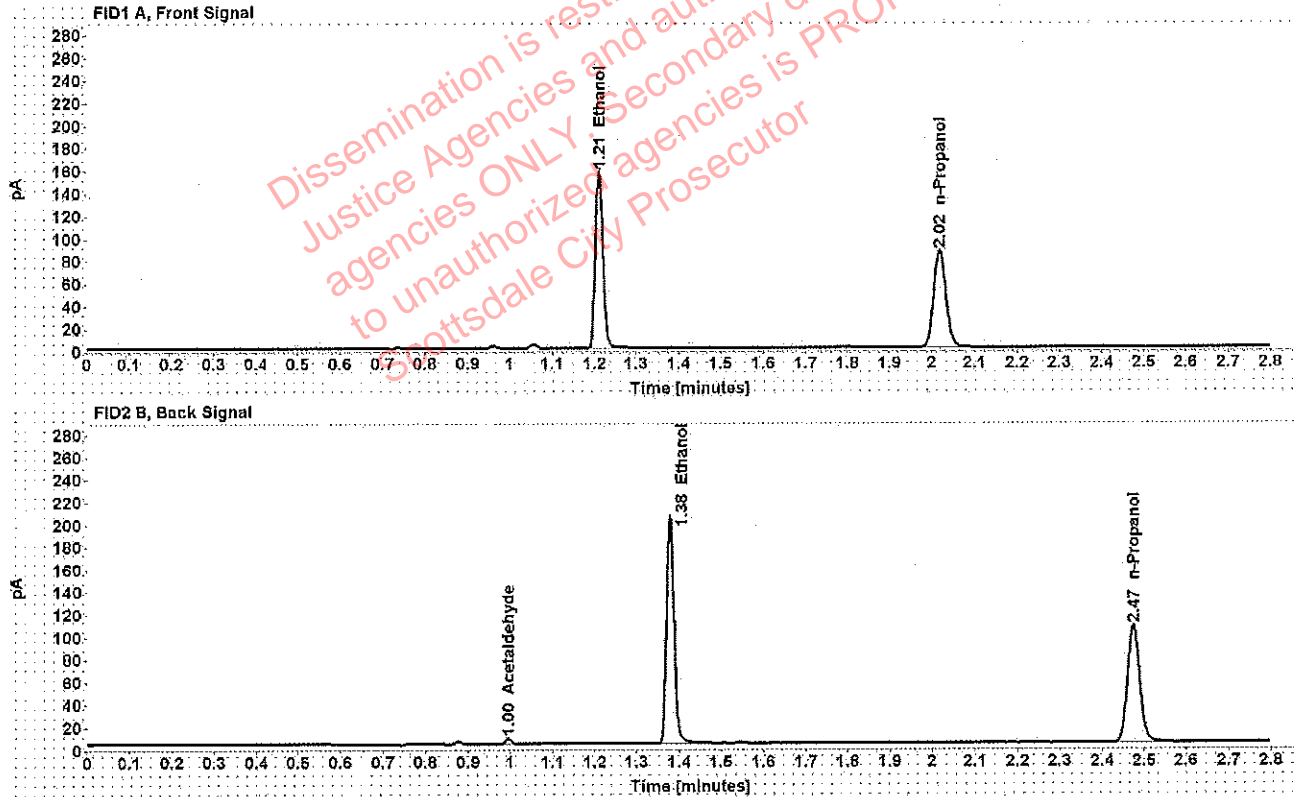


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3072	1.211	202.642
n-Propanol	-----	2.018	171.817

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.996	4.872
Ethanol	1.379	254.438
n-Propanol	2.474	212.128