

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 4/25/2018 SEQUENCE NAME 25Apr18

**EQUIPMENT**

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

**INSTRUMENT CALIBRATION**

Vial 1 0.02 calibrator Lot FN03241604 Coefficient of determination (r<sup>2</sup>)  
 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 010318
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 020917WLA
7	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 08012015-C
8	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 09022015-A
9	Blood control	0.198 g/dL	0.200 g/dL	ACQ 407041529/3
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.153 g/dL	Lipomed 09022015-C
42	Blood control	0.198 g/dL	0.202 g/dL	ACQ 407041529/3
49	Aqueous control	0.400 g/dL	0.408 g/dL	Lipomed 08012015-C
50	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
51	Blood control	0.198 g/dL	0.203 g/dL	ACQ 407041529/3
52	Blank	Not detected	Not detected	SPD lab 010318

**SUBJECT SAMPLES**

Subjects in the sequence 18 Subjects requiring reanalysis 0

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

Run valid  Run invalid  WA B1570 4/25/18 Analyst  
 Run valid  Run invalid  KOSECKI 4/25/18 Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

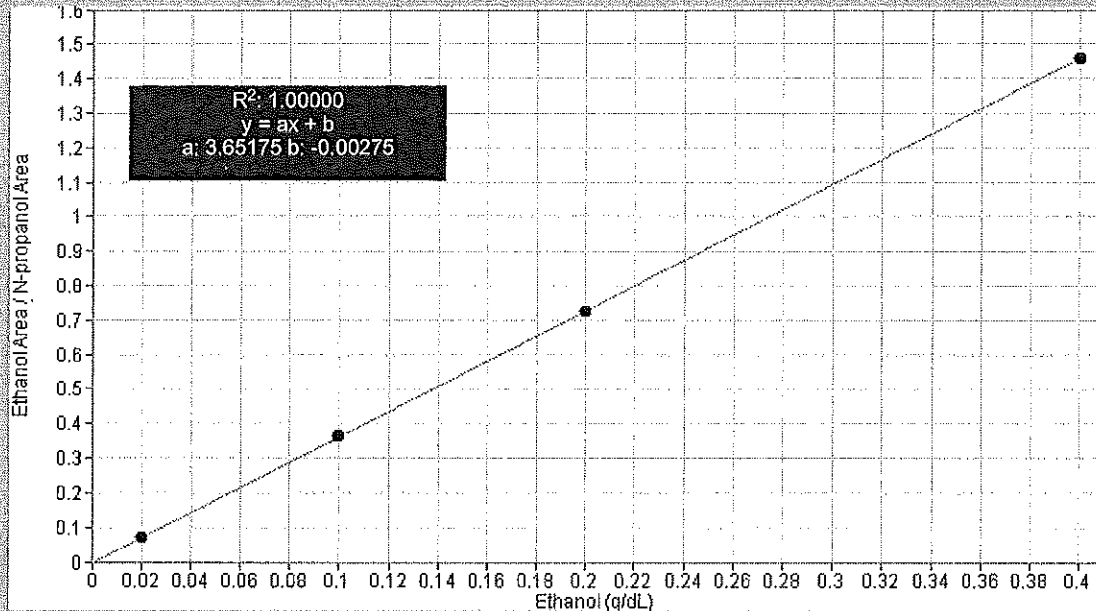
SEQUENCE NAME: 25Apr18

ANALYST: Adrian WA

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 010318	5	negative	negative	-	-
0.400 Lipomed 08012015-C	7	0.402	0.400	0.50	0.002
0.040 Lipomed 09022015-A	8	0.039	0.040	2.50	-0.001
0.198 ACQ 407041529/3	9	0.200	0.198	1.01	0.002
0.080 Lipomed 28082014-B	20	0.081	0.080	1.25	0.001
0.150 Lipomed 09022015-C	31	0.153	0.150	2.00	0.003
0.198 ACQ 407041529/3	42	0.202	0.198	2.02	0.004
0.40 Lipomed 08012015-C	49	0.408	0.400	2.00	0.008
0.04 Lipomed 09022015-A	50	0.040	0.040	0.00	0.000
0.198 ACQ 407041529/3	51	0.203	0.198	2.53	0.005
blank 010318	52	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.409	176.172	0.070
0.100	63.026	174.002	0.362
0.200	127.722	175.535	0.728
0.400	254.865	174.806	1.458

### Calibration Line



# Scottsdale Police Department Crime Lab Volatiles Analysis

JA

<b>Sample:</b> 0.020 Cerilliant FN03241604	<b>Item number:</b>
<b>Injection date:</b> 4/25/2018 9:29:47 AM	<b>Vial:</b> 1
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25Apr18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\25Apr18\1.D	

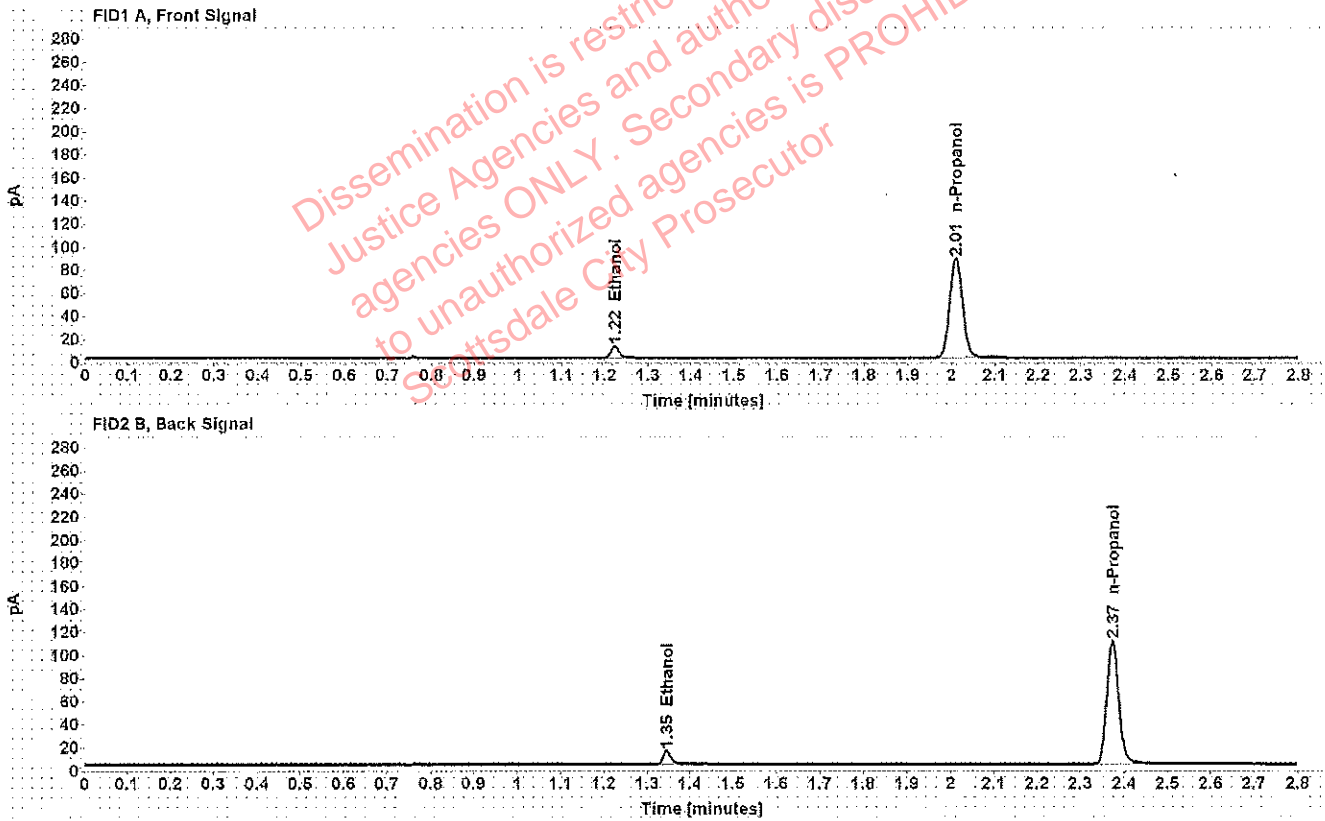


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	12.409
n-Propanol	2.011	176.172

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

Compound	Time (min)	Peak Area
Ethanol	1.345	14.310
n-Propanol	2.373	205.764

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.100 Cerilliant FN06181501	Item number:
Injection date: 4/25/2018 9:33:47 AM	Vial: 2
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\2.D	

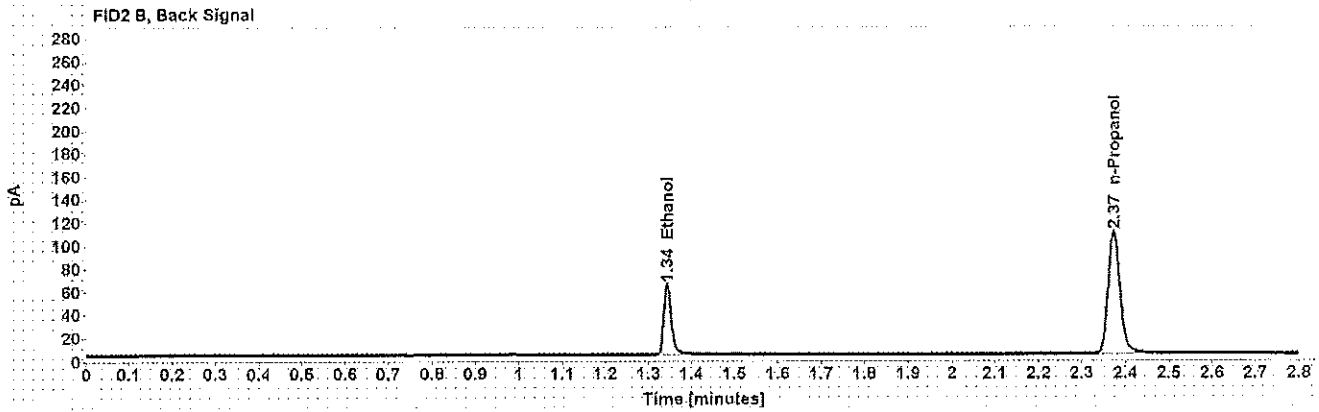
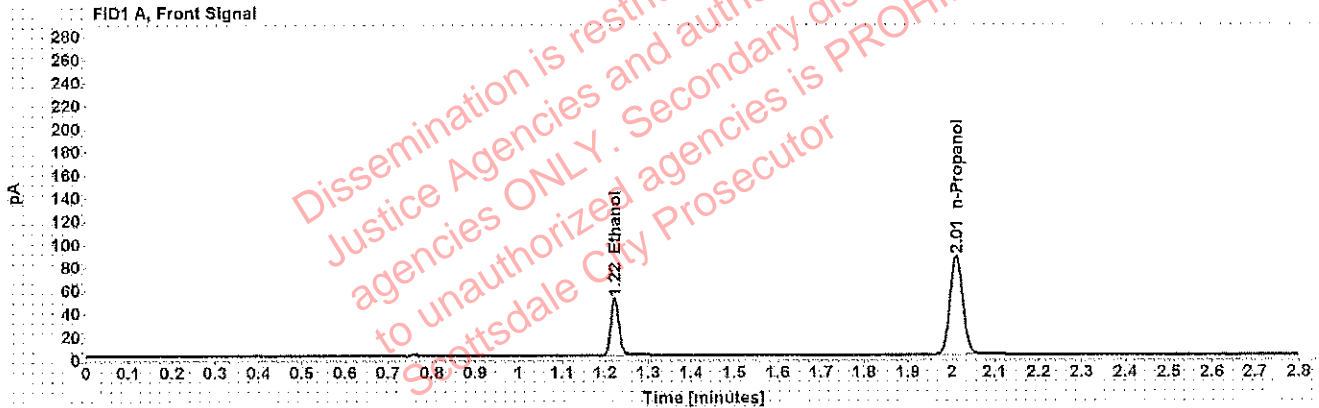


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	63.026
n-Propanol	2.011	174.002

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

Compound	Time (min)	Peak Area
Ethanol	1.343	73.921
n-Propanol	2.373	203.639

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.200 Cerilliant FN07201502	Item number:
Injection date: 4/25/2018 9:37:47 AM	Vial: 3
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\25Apr18\3.D	

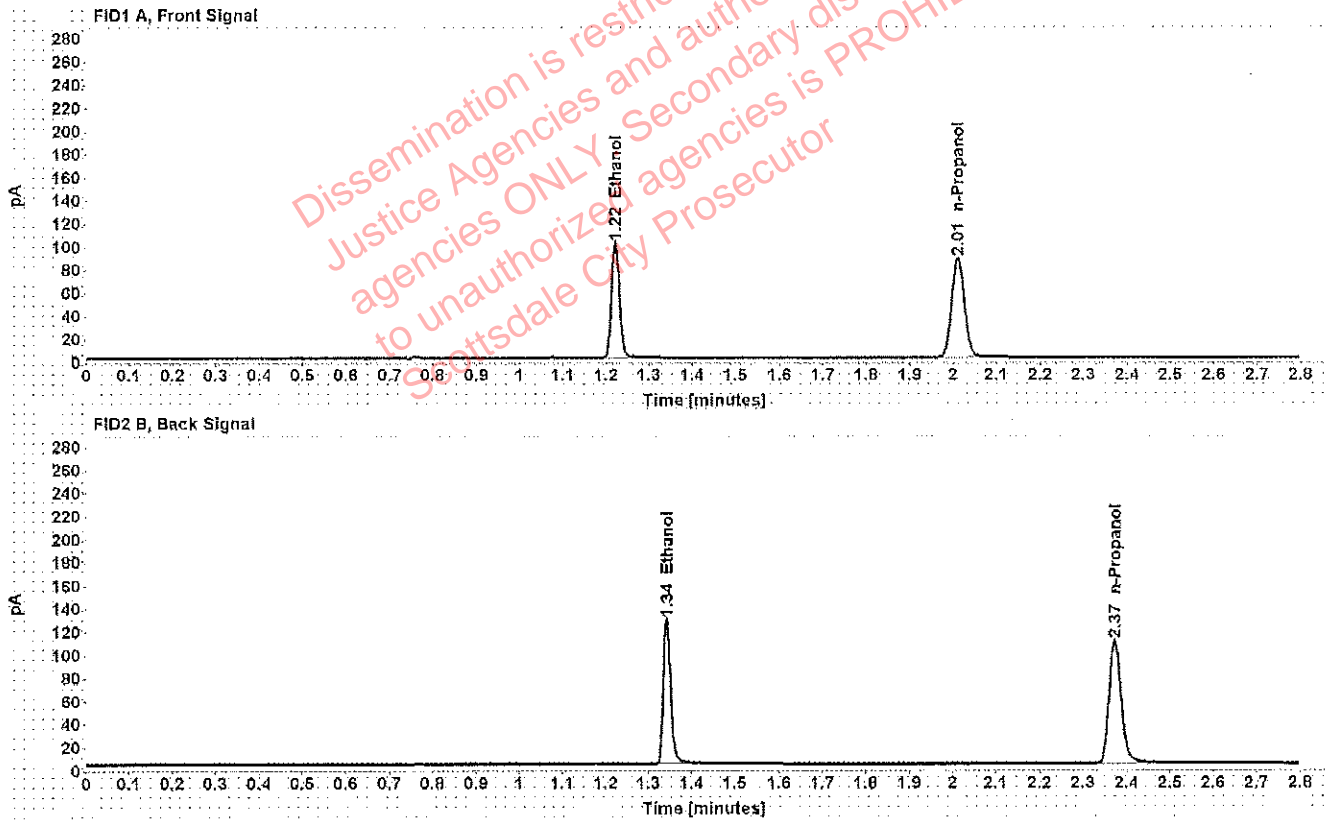


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	127.722
n-Propanol	2.011	175.535

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

Compound	Time (min)	Peak Area
Ethanol	1.342	152.398
n-Propanol	2.373	205.670

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.400 Cerilliant FN11191402	Item number:
Injection date: 4/25/2018 9:41:47 AM	Vial: 4
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\25Apr18\4.D	

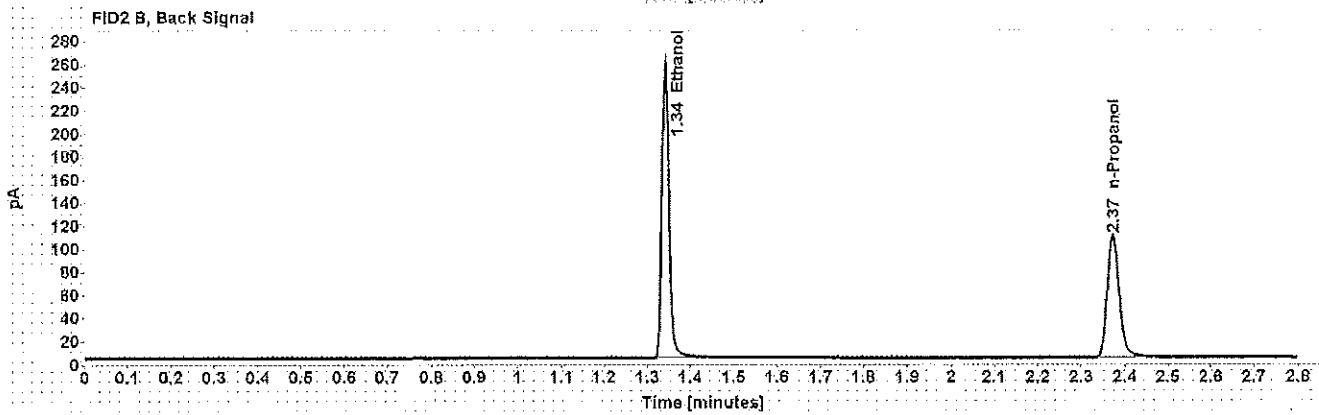
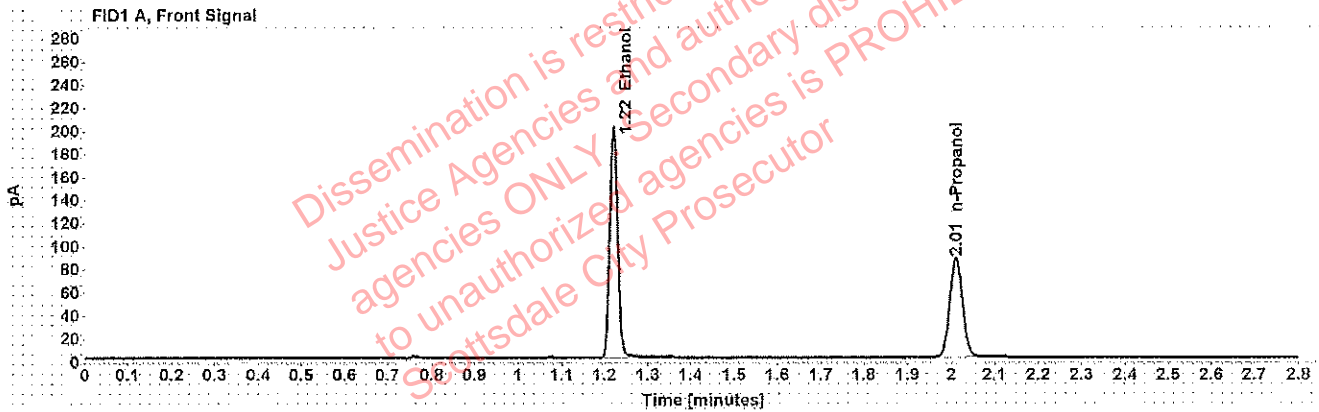


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.221	254.865
n-Propanol	2.011	174.806

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

Compound	Time (min)	Peak Area
Ethanol	1.341	305.963
n-Propanol	2.373	204.876

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: blank 010318	Item number:
Injection date: 4/25/2018 9:45:47 AM	Vial: 5
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\5.D	

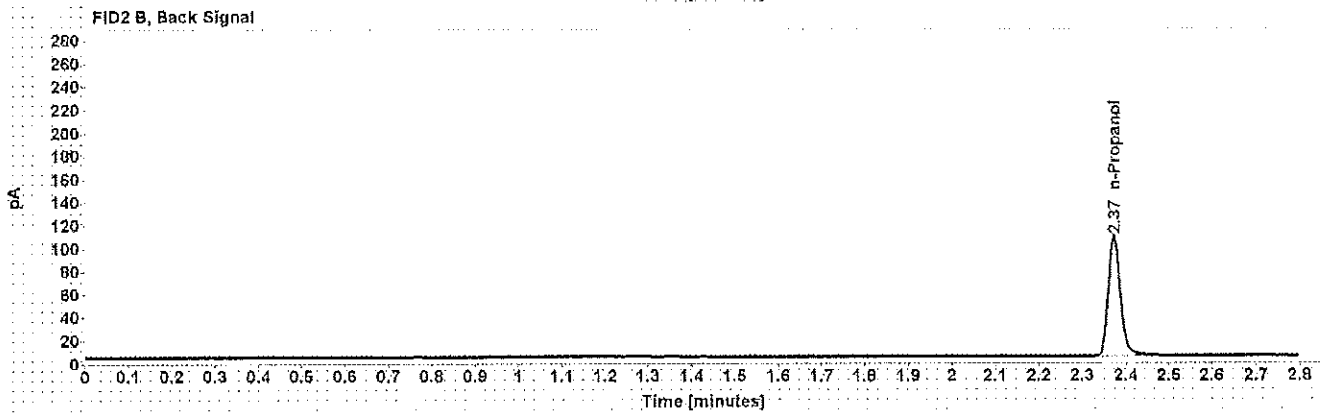
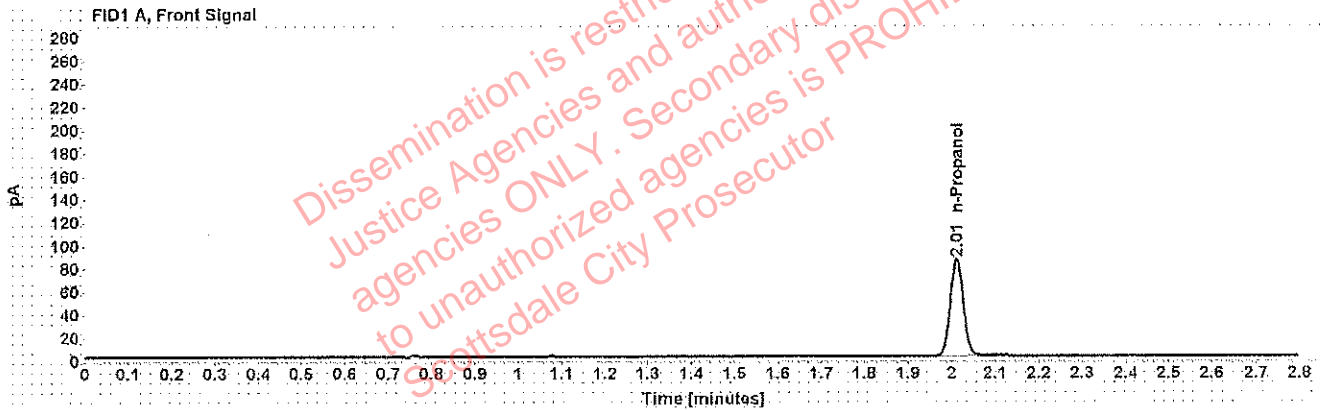


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.011	172.163

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

Compound	Time (min)	Peak Area
n-Propanol	2.373	200.823

# Scottsdale Police Department Crime Lab Volatiles Analysis

NA

Sample: volatiles mix 020917 WLA	Item number:
Injection date: 4/25/2018 9:49:47 AM	Vial: 6
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\6.D	

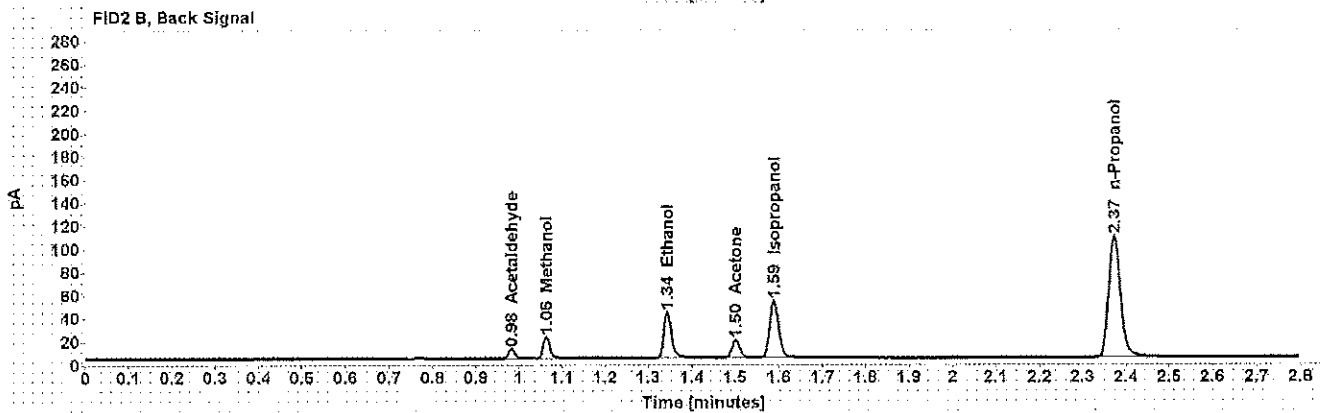
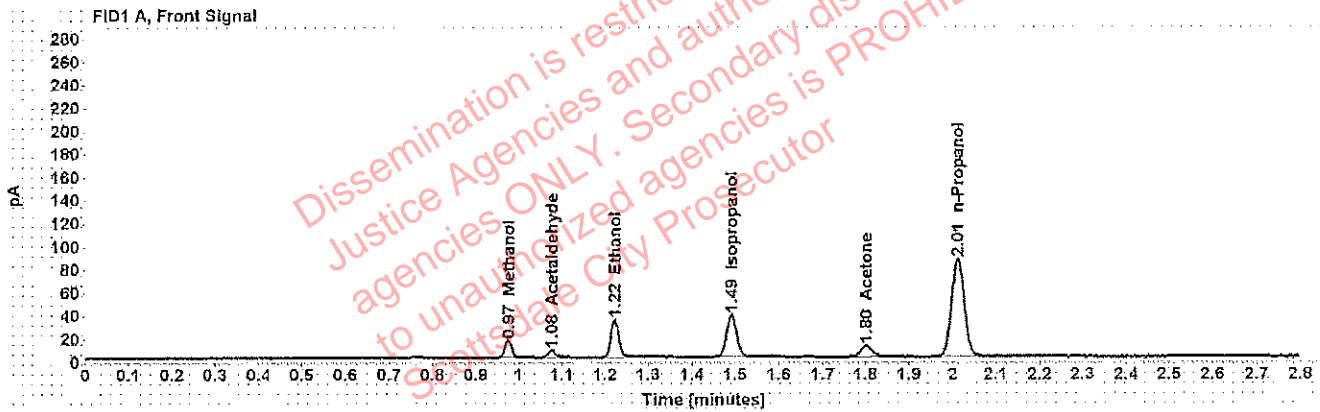


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.975	16.341
Acetaldehyde	-----	1.076	6.185
>Ethanol	0.0669	1.223	41.790
Isopropanol	-----	1.491	59.972
Acetone	-----	1.802	17.181
n-Propanol	-----	2.011	173.038

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	7.775
Methanol	1.063	19.647
Ethanol	1.344	48.693
Acetone	1.501	19.632
Isopropanol	1.589	71.807
n-Propanol	2.373	202.449



# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.400 Lipomed 08012015-C	Item number:
Injection date: 4/25/2018 9:54:02 AM	Vial: 7
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\7.D	

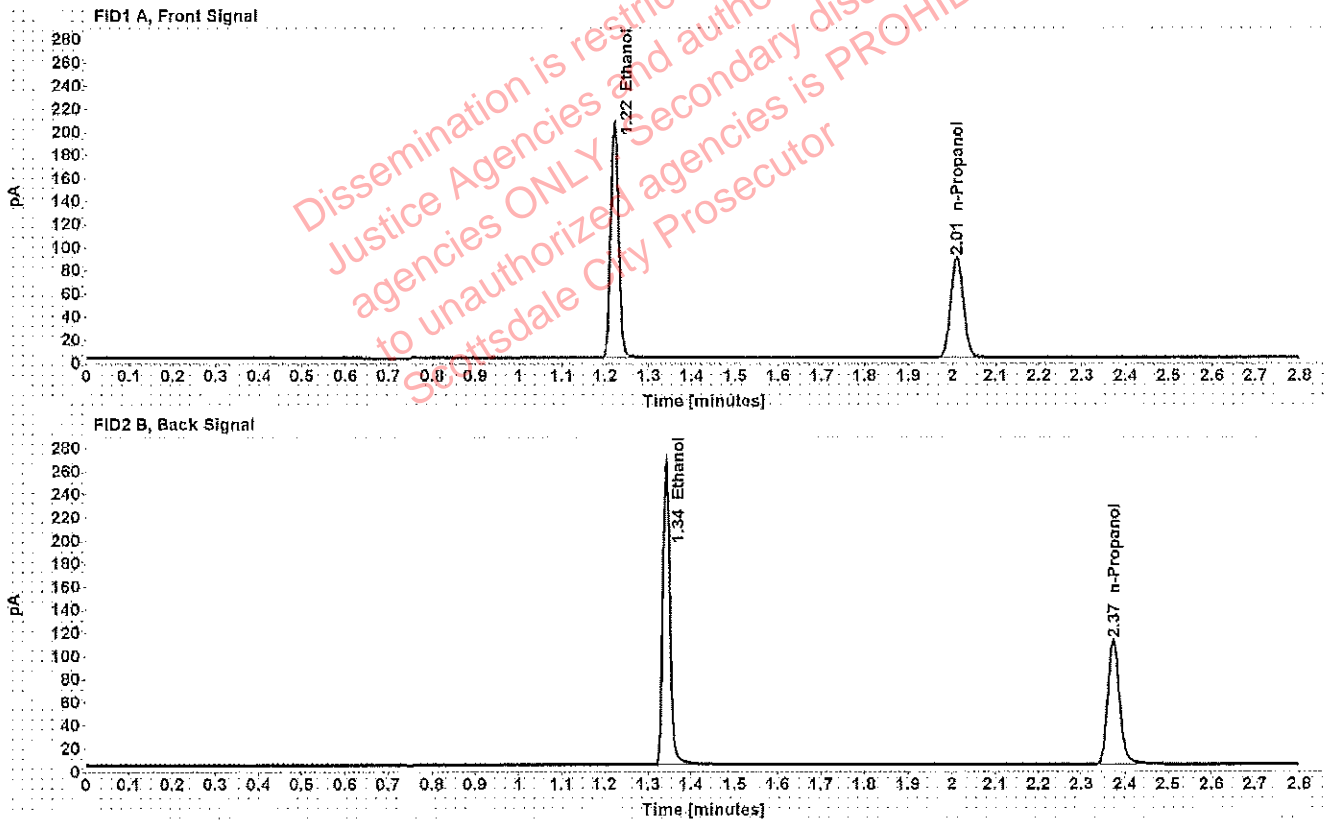


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4022	1.221	260.540
n-Propanol	-----	2.011	177.726

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

Compound	Time (min)	Peak Area
Ethanol	1.341	312.130
n-Propanol	2.373	208.361

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.040 Lipomed 09022015-A	Item number:
Injection date: 4/25/2018 9:58:02 AM	Vial: 8
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\8.D	

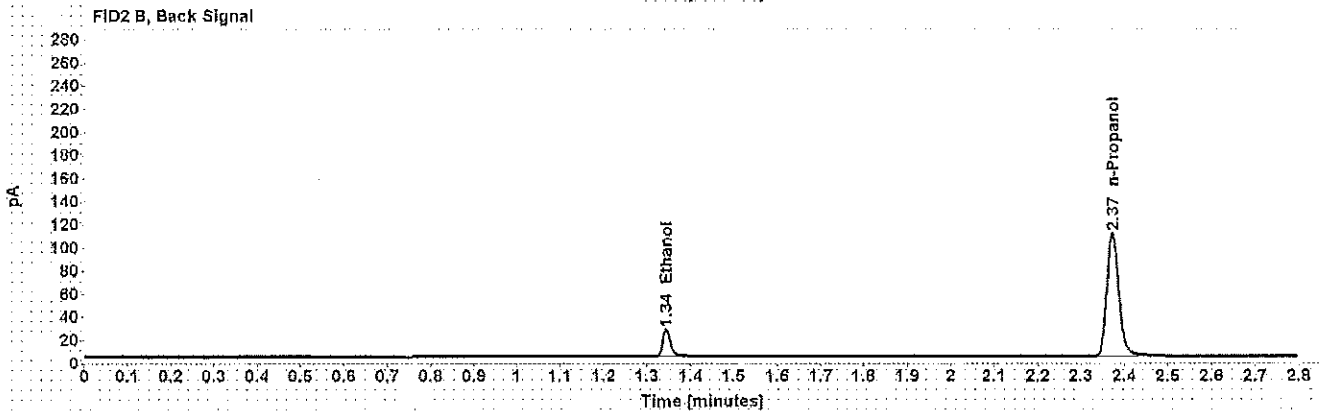
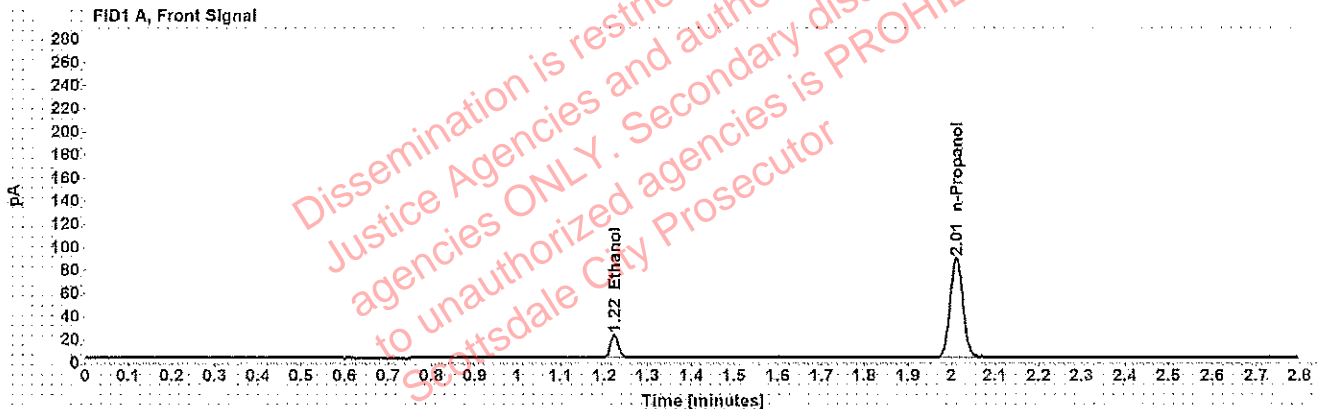


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0398	1.223	25.187
n-Propanol	-----	2.011	176.606

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

Compound	Time (min)	Peak Area
Ethanol	1.344	29.105
n-Propanol	2.373	206.388

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 4/25/2018 10:02:01 AM	Vial: 9
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\9.D	

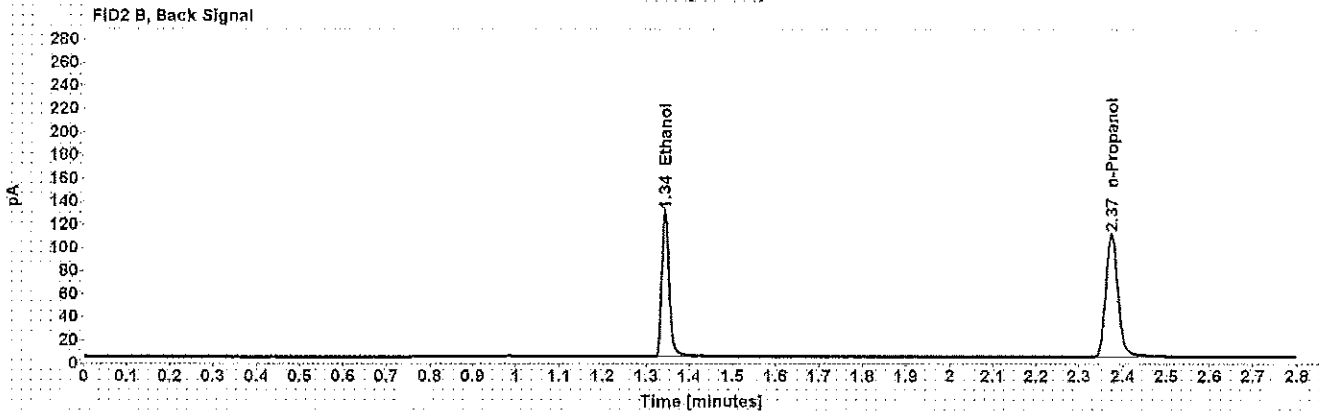
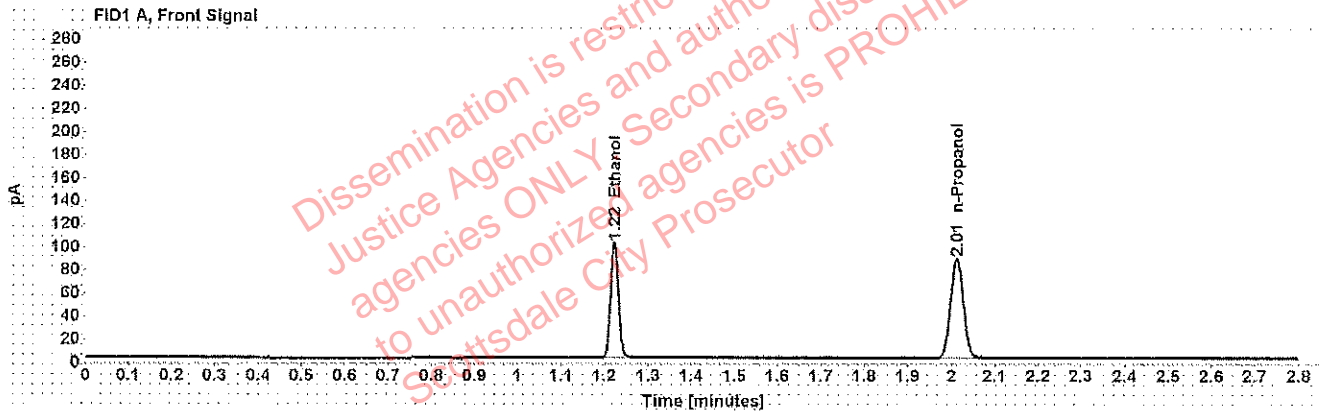


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2001	1.223	128.313
n-Propanol	-----	2.012	176.283

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

Compound	Time (min)	Peak Area
Ethanol	1.344	152.762
n-Propanol	2.375	206.371

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 4/25/2018 10:46:32 AM	Vial: 20
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\20.D	

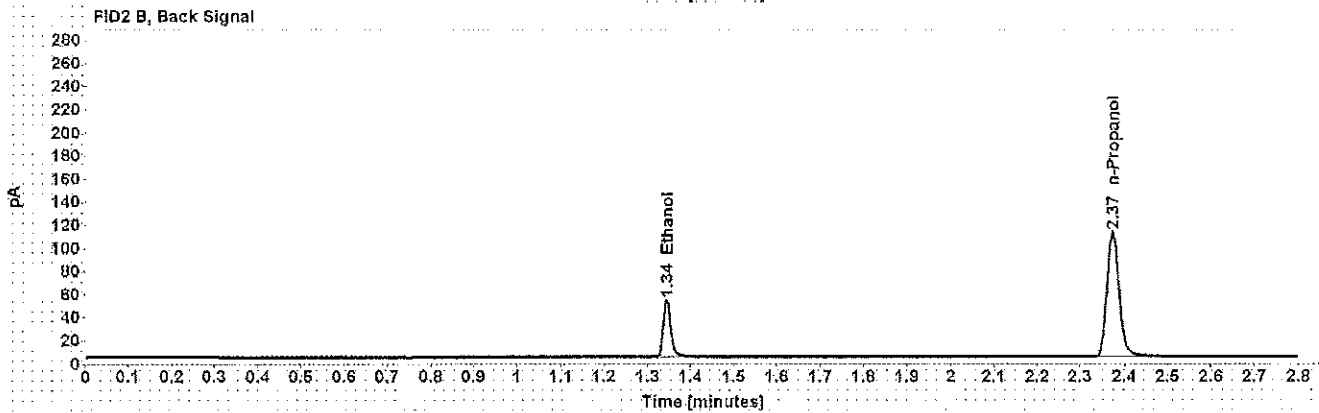
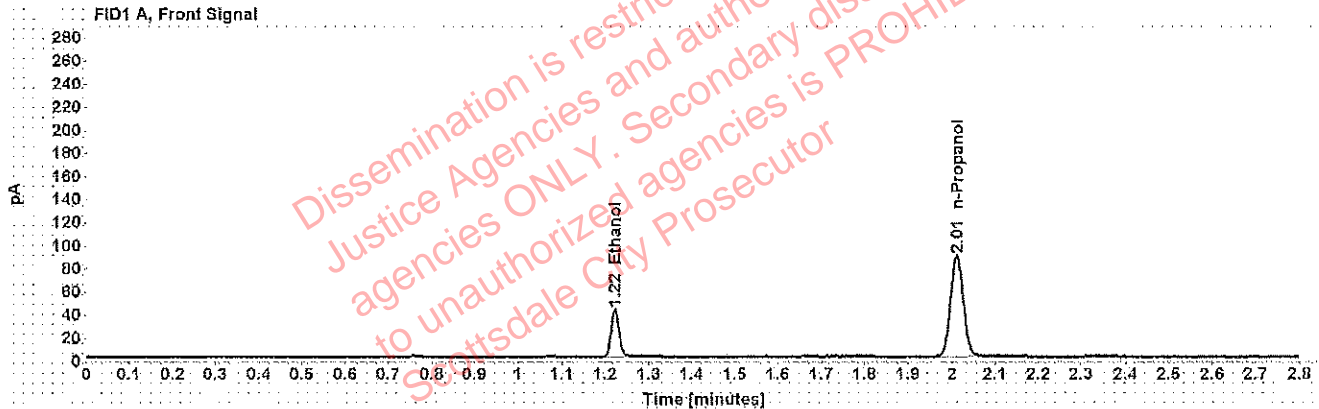


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0810	1.223	52.272
n-Propanol	-----	2.012	178.402

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

Compound	Time (min)	Peak Area
Ethanol	1.344	61.305
n-Propanol	2.374	209.219

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.150 Lipomed 09022015-C	Item number:
Injection date: 4/25/2018 11:31:02 AM	Vial: 31
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\31.D	

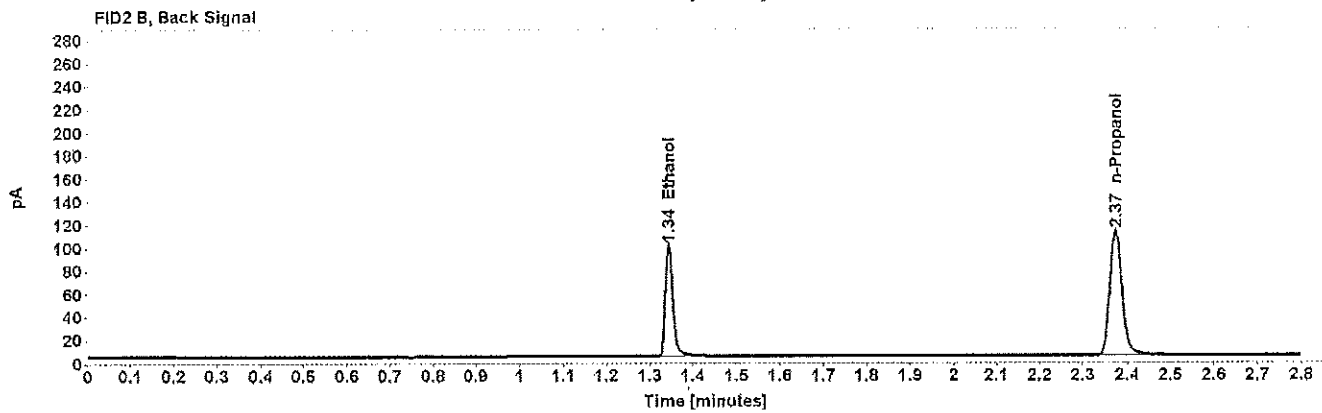
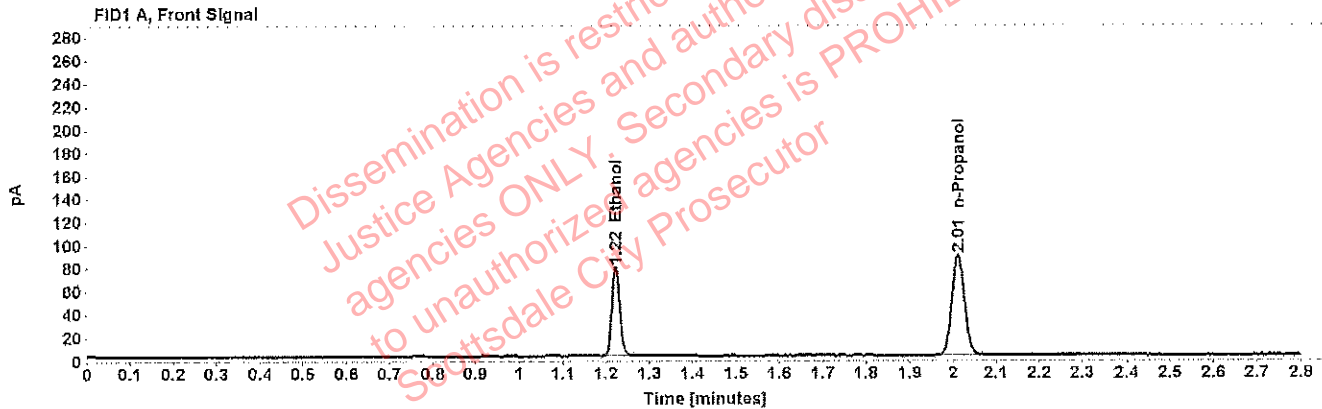


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1530	1.223	98.882
n-Propanol	-----	2.012	177.862

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

Compound	Time (min)	Peak Area
Ethanol	1.344	117.625
n-Propanol	2.374	209.591

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 4/25/2018 12:15:17 PM	Vial: 42
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\42.D	

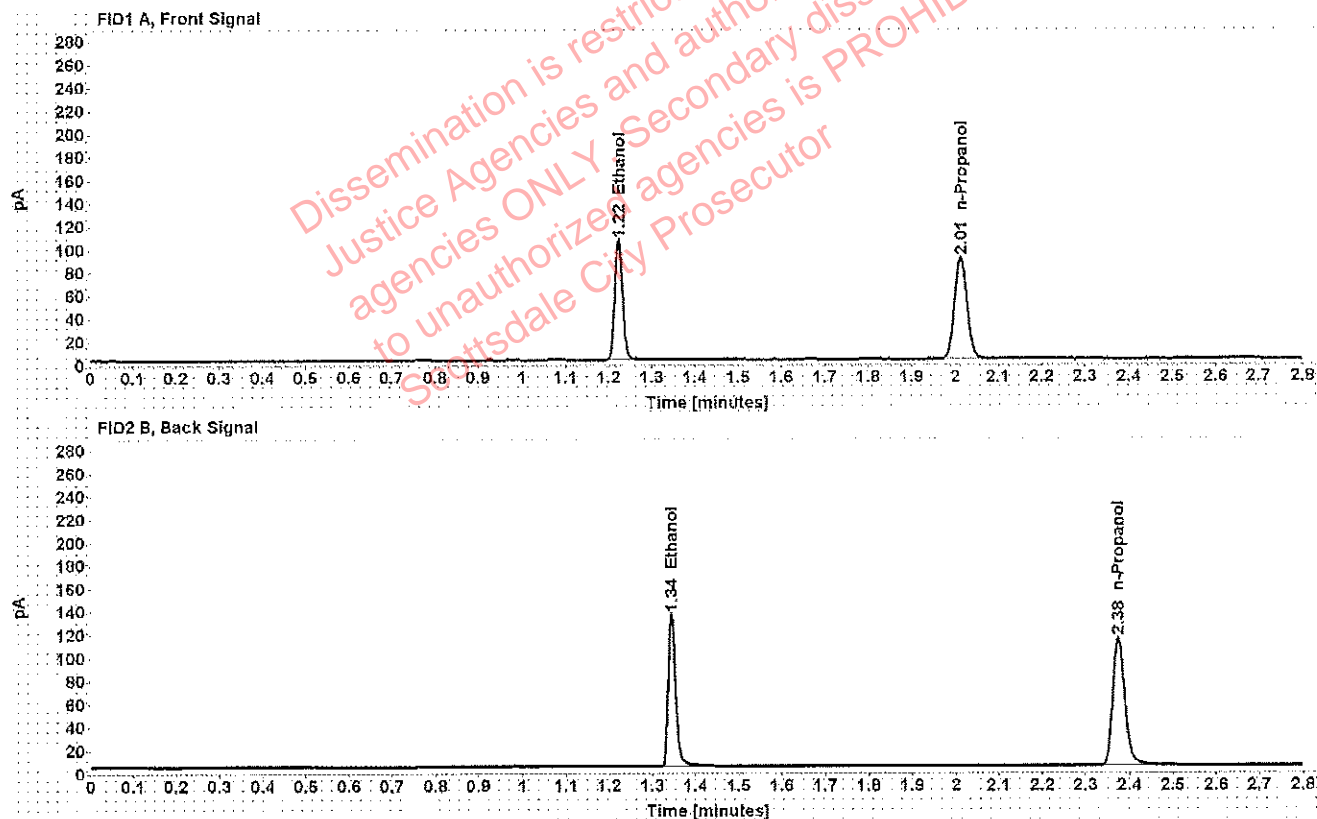


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2026	1.223	133.326
n-Propanol	-----	2.013	180.869

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

Compound	Time (min)	Peak Area
Ethanol	1.345	159.890
n-Propanol	2.375	213.363

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.40 Lipomed 08012015-C	Item number:
Injection date: 4/25/2018 12:43:47 PM	Vial: 49
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\49.D	

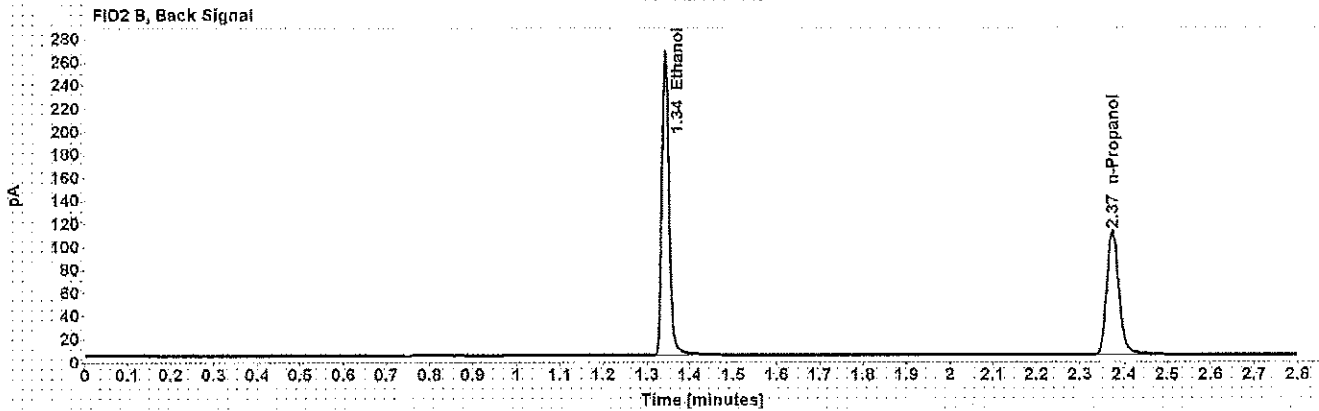
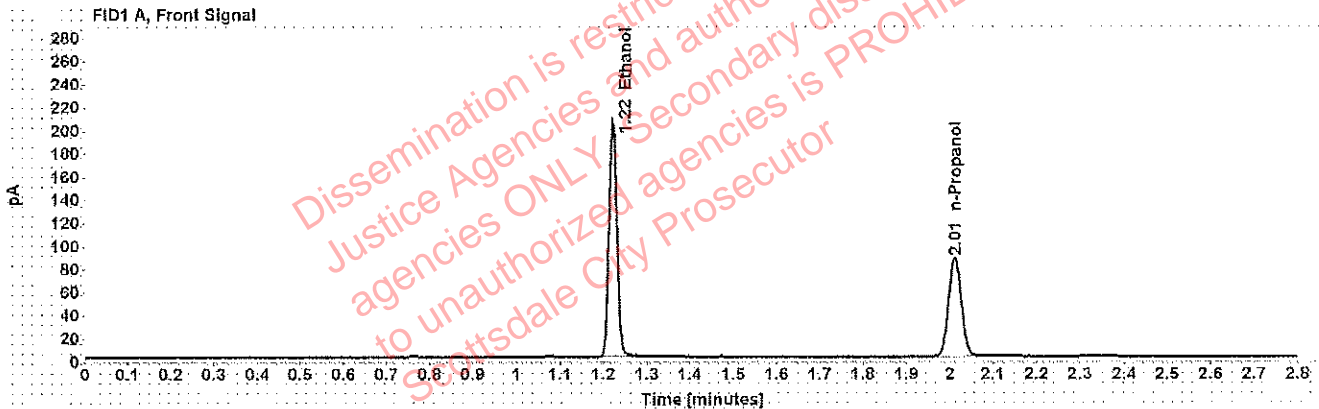


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4083	1.222	261.149
n-Propanol	-----	2.012	175.491

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

Compound	Time (min)	Peak Area
Ethanol	1.342	315.132
n-Propanol	2.374	207.421

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.04 Lipomed 09022015-A	Item number:
Injection date: 4/25/2018 12:47:47 PM	Vial: 50
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\50.D	

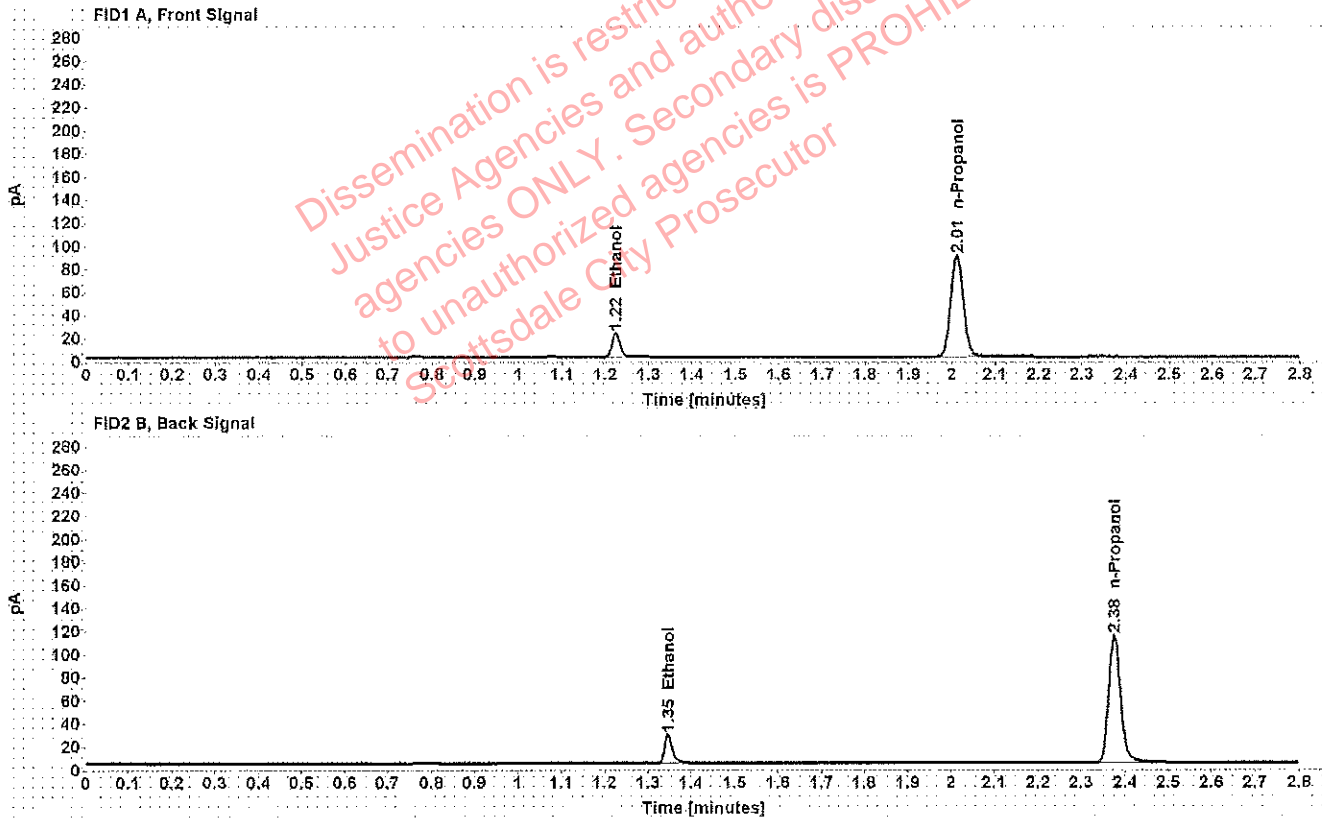


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0409	1.224	26.437
n-Propanol	-----	2.013	180.126

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

Compound	Time (min)	Peak Area
Ethanol	1.347	30.823
n-Propanol	2.375	213.031



# Scottsdale Police Department Crime Lab Volatiles Analysis

NA

<b>Sample:</b> 0.198 ACQ 407041529/3	<b>Item number:</b>
<b>Injection date:</b> 4/25/2018 12:51:47 PM	<b>Vial:</b> 51
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25Apr18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\25Apr18\51.D	

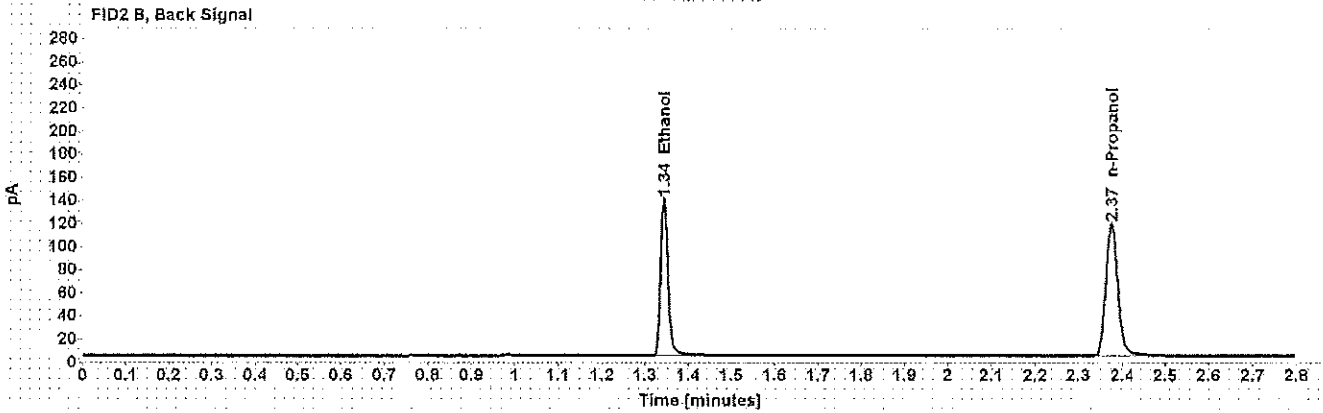
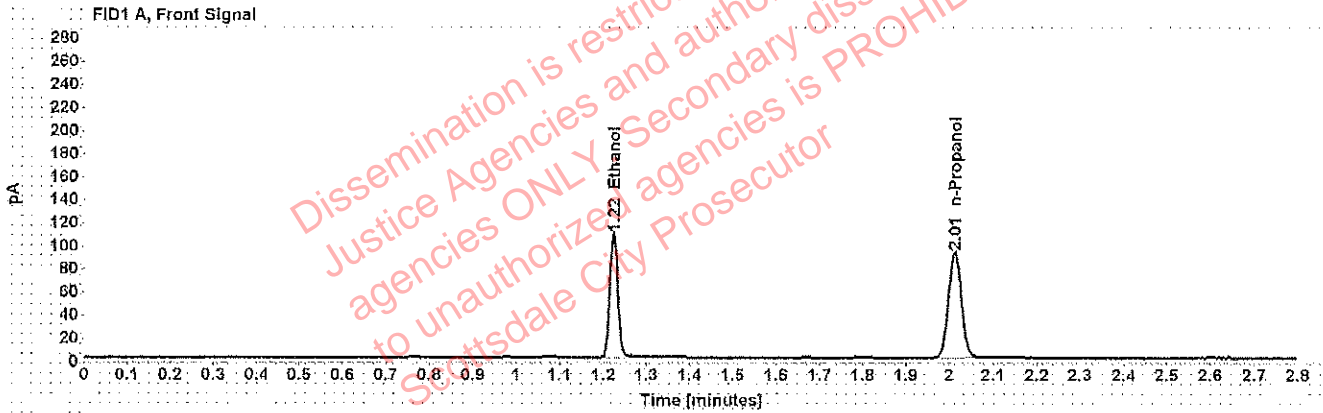


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2031	1.223	137.889
n-Propanol	-----	2.012	186.620

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

Compound	Time (min)	Peak Area
Ethanol	1.344	165.092
n-Propanol	2.375	220.714

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: blank 010318	Item number:
Injection date: 4/25/2018 12:55:47 PM	Vial: 52
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\52.D	

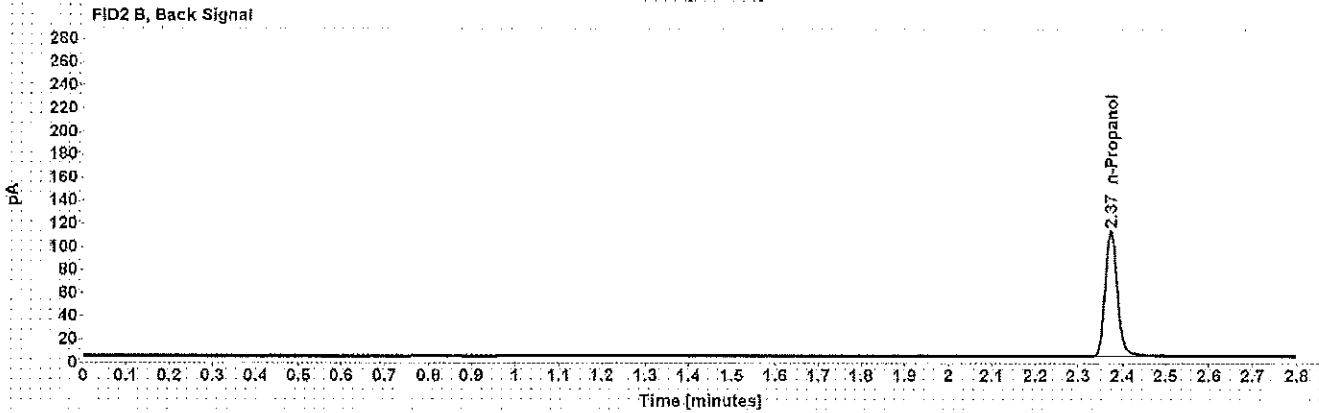


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.012	178.371

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

Compound	Time (min)	Peak Area
n-Propanol	2.374	210.202

# Sequence Summary

WA

Sequence name: 25Apr18      Instrument: US14173023 CN14160045      Analyst: Adrian

Vial	Sample	Type	Item Number	Method
1	0.020 Cerilliant FN03241604	Calibration		ethanol quant.M
2	0.100 Cerilliant FN06181501	Calibration		ethanol quant.M
3	0.200 Cerilliant FN07201502	Calibration		ethanol quant.M
4	0.400 Cerilliant FN11191402	Calibration		ethanol quant.M
5	blank 010318	Control		ethanol quant.M
6	volatiles mix 020917 WLA	Control		ethanol quant.M
7	0.400 Lipomed 08012015-C	Control		ethanol quant.M
8	0.040 Lipomed 09022015-A	Control		ethanol quant.M
9	0.198 ACQ 407041529/3	Control		ethanol quant.M
10	[REDACTED]	Sample	1210081	ethanol quant.M
11		Sample	1210081	ethanol quant.M
12		Sample	1198180	ethanol quant.M
13		Sample	1198180	ethanol quant.M
14		Sample	1176252	ethanol quant.M
15		Sample	1176252	ethanol quant.M
16		Sample	1191853	ethanol quant.M
17		Sample	1191853	ethanol quant.M
18		Sample	321-01A	ethanol quant.M
19		Sample	321-01A	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21	[REDACTED]	Sample	340-01A	ethanol quant.M
22		Sample	340-01A	ethanol quant.M
23		Sample	1210825	ethanol quant.M
24		Sample	1210825	ethanol quant.M
25		Sample	1208131	ethanol quant.M
26		Sample	1208131	ethanol quant.M
27		Sample	1206968	ethanol quant.M
28		Sample	1206968	ethanol quant.M
29		Sample	1206487	ethanol quant.M
30		Sample	1206487	ethanol quant.M
31	0.150 Lipomed 09022015-C	Control		ethanol quant.M
32	[REDACTED]	Sample	1206853	ethanol quant.M
33		Sample	1206853	ethanol quant.M
34		Sample	1208003	ethanol quant.M
35		Sample	1208003	ethanol quant.M
36		Sample	1198049	ethanol quant.M
37		Sample	1198049	ethanol quant.M
38		Sample	1210564	ethanol quant.M
39		Sample	1210564	ethanol quant.M
40		Sample	1210288	ethanol quant.M
41		Sample	1210288	ethanol quant.M
42	0.198 ACQ 407041529/3	Control		ethanol quant.M
43	[REDACTED]	Sample	1210281	ethanol quant.M
44		Sample	1210281	ethanol quant.M
45		Sample	1211361	ethanol quant.M
46		Sample	1211361	ethanol quant.M
47		Sample	1205448	ethanol quant.M

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

# Sequence Summary

WA

48	[REDACTED]	Sample	1205448	ethanol quant.M
49	0.40 Lipomed 08012015-C	Control		ethanol quant.M
50	0.04 Lipomed 09022015-A	Control		ethanol quant.M
51	0.198 ACQ 407041529/3	Control		ethanol quant.M
52	blank 010318	Control		ethanol quant.M

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

# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 25Apr18

ANALYST: Adrian WA

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1514	0.1502	0.15080	0.40	0.00060
12 13	0.1433	0.1441	0.14370	0.28	0.00040
14 15	0.1810	0.1786	0.17980	0.67	0.00120
16 17	0.1768	0.1757	0.17625	0.31	0.00055
18 19	0.1924	0.1893	0.19085	0.81	0.00155
21 22	0.1135	0.1155	0.11450	0.87	0.00100
23 24	0.0749	0.0756	0.07525	0.47	0.00035
25 26	0.2147	0.2119	0.21330	0.66	0.00140
27 28	0.1793	0.1803	0.17980	0.28	0.00050
29 30	0.2485	0.2448	0.24665	0.75	0.00185
32 33	0.1216	0.1209	0.12125	0.29	0.00035
34 35	0.2659	0.2676	0.26675	0.32	0.00085
36 37	0.2434	0.2421	0.24275	0.27	0.00065
38 39	0.0739	0.0731	0.07350	0.54	0.00040
40 41	0.1008	0.1006	0.10070	0.10	0.00010
43 44	0.0772	0.0764	0.07680	0.52	0.00040
45 46	0.2857	0.2850	0.28535	0.12	0.00035
47 48	0.0815	0.0813	0.08140	0.12	0.00010

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

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1210081
Injection date: 4/25/2018 10:06:02 AM	Vial: 10
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\10.D	

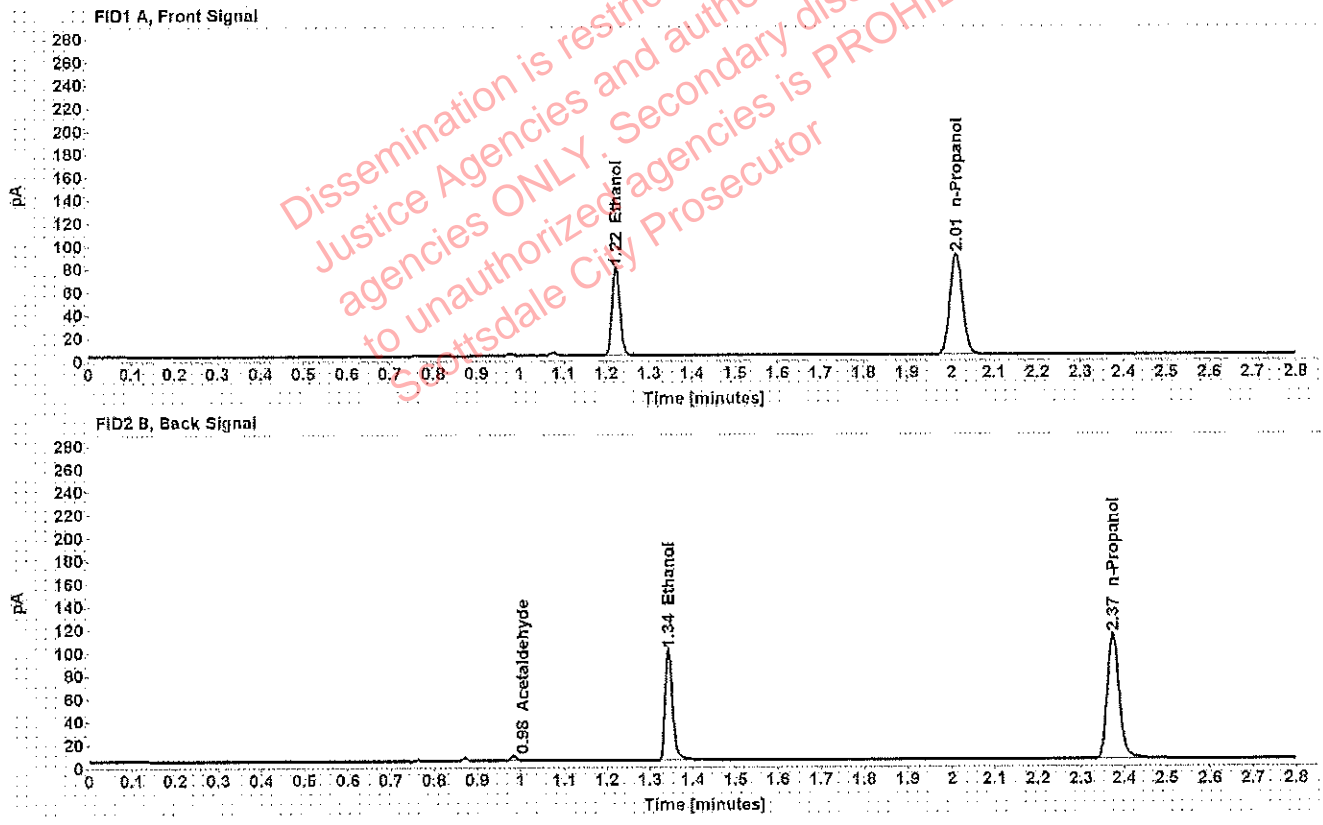


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1514	1.222	98.643
n-Propanol	-----	2.012	179.295

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	3.807
Ethanol	1.343	116.792
n-Propanol	2.374	210.935

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1210081
Injection date: 4/25/2018 10:10:01 AM	Vial: 11
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\11.D	

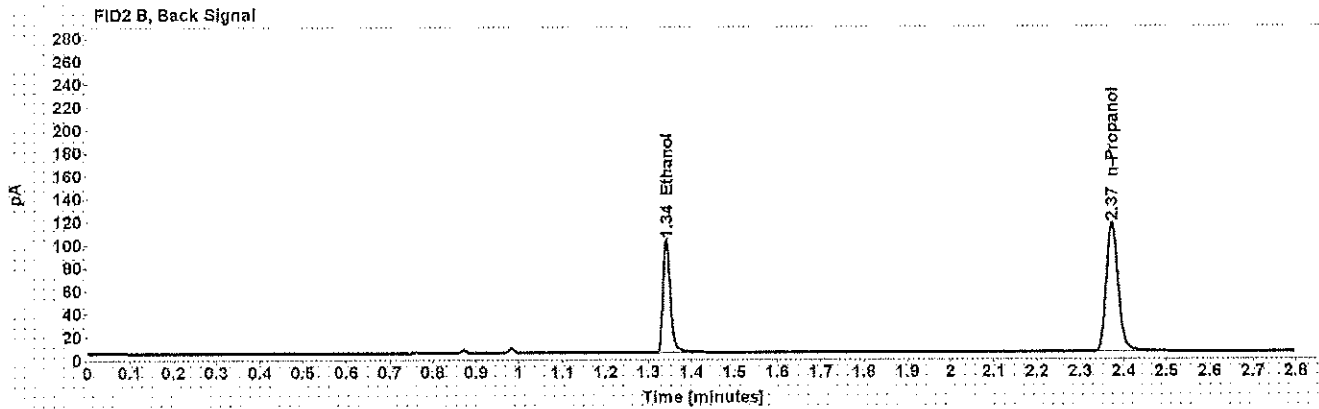
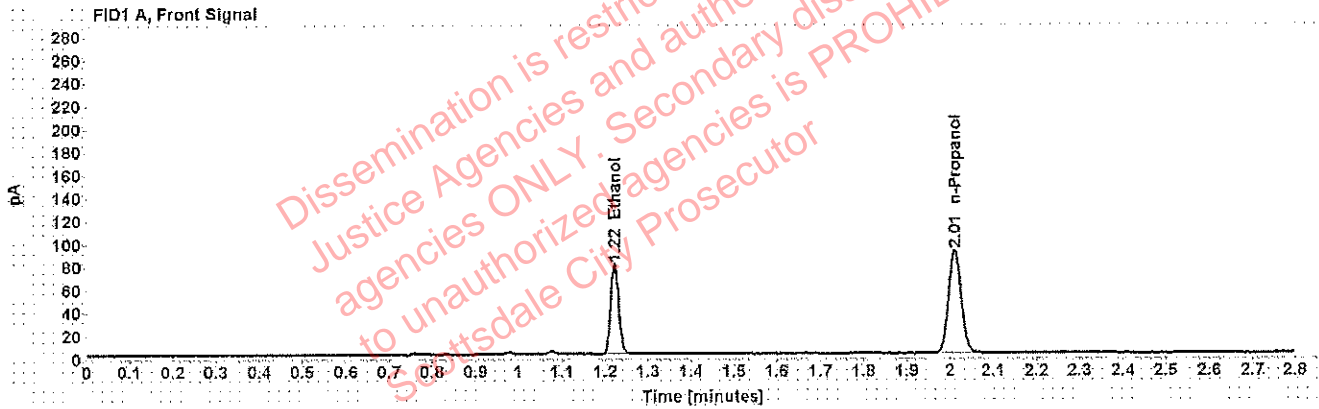


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1502	1.222	100.148
n-Propanol	-----	2.011	183.460

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

Compound	Time (min)	Peak Area
Ethanol	1.342	118.619
n-Propanol	2.373	216.050

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1198180
Injection date: 4/25/2018 10:14:02 AM	Vial: 12
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\12.D	

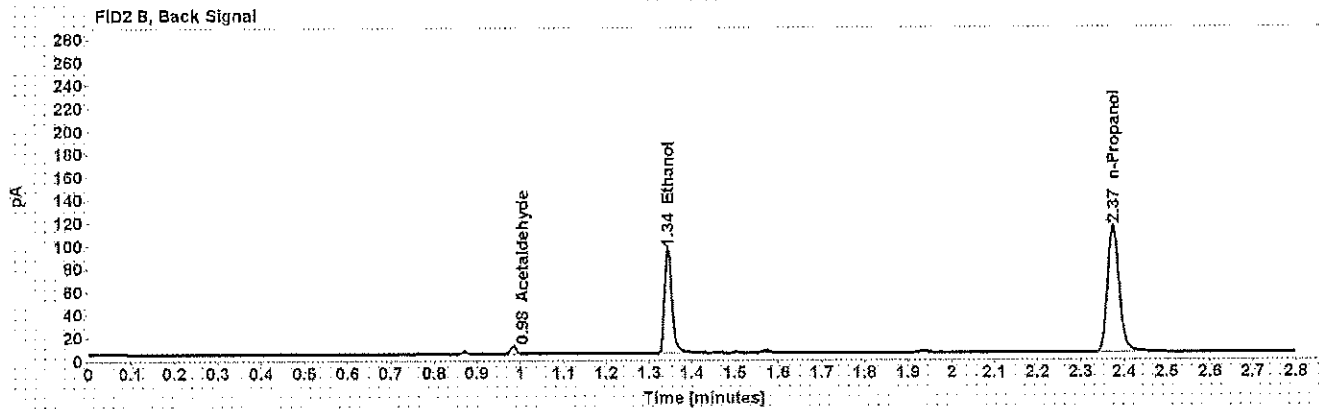
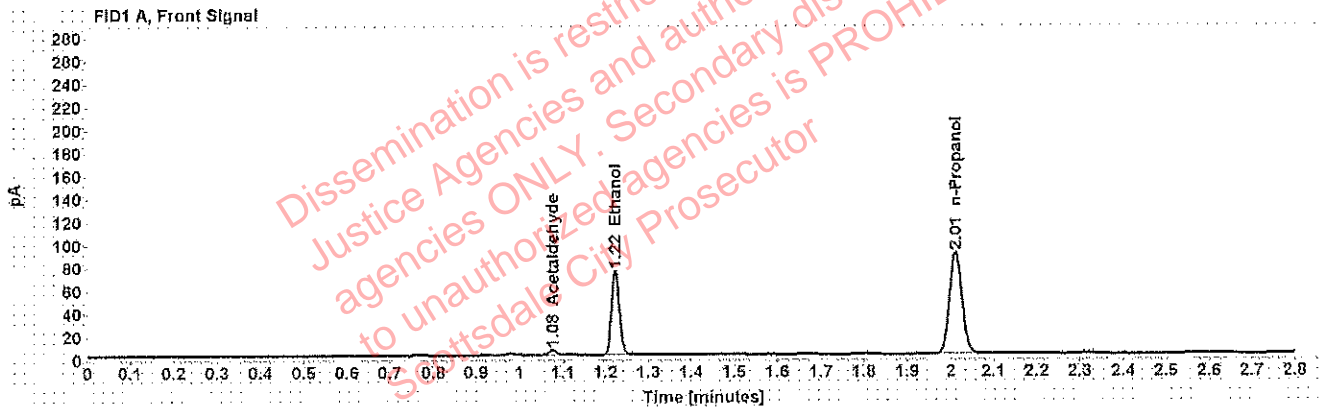


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	4.777
>Ethanol	0.1433	1.223	93.841
n-Propanol	-----	2.012	180.323

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	6.021
Ethanol	1.343	110.498
n-Propanol	2.374	212.849



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1198180
Injection date: 4/25/2018 10:18:16 AM	Vial: 13
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\13.D	

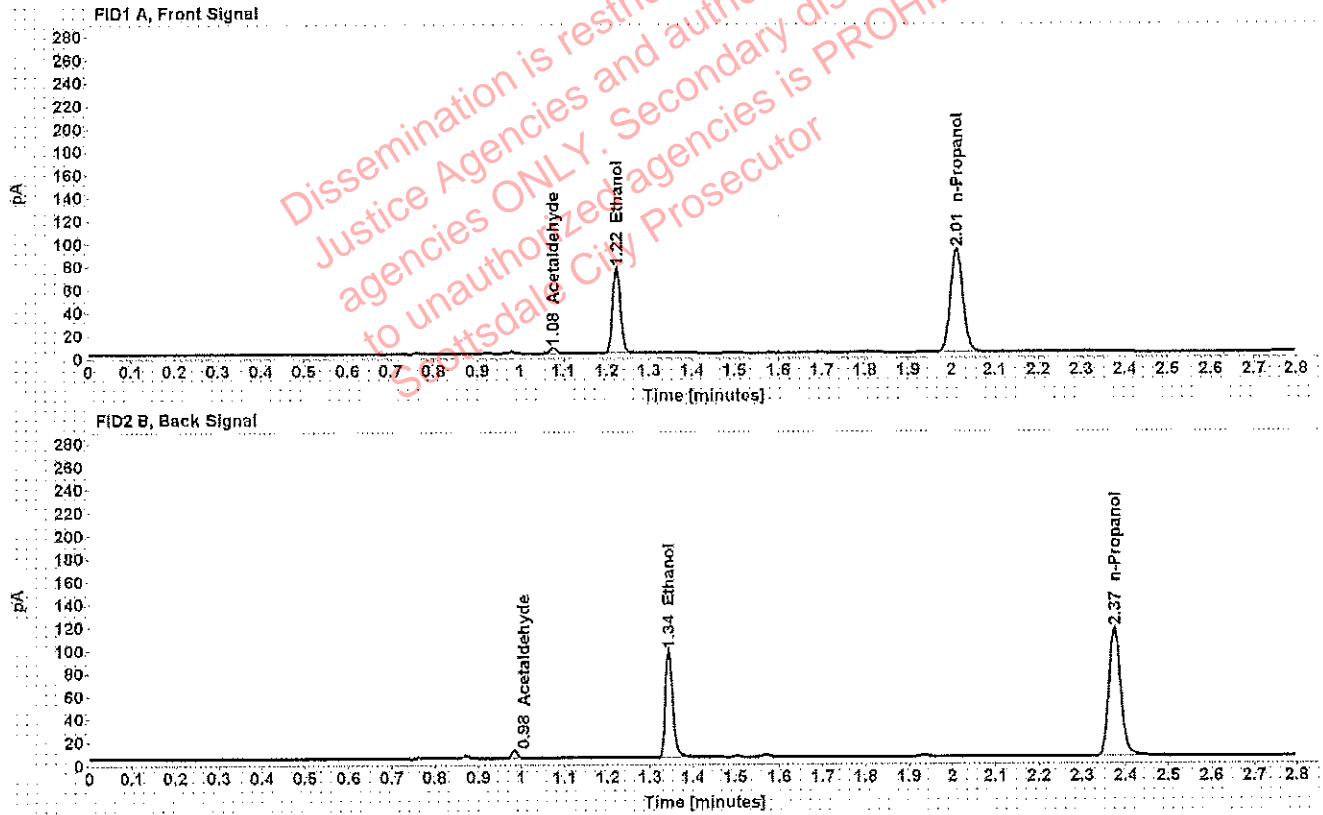


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.783
>Ethanol	0.1441	1.223	95.674
n-Propanol	-----	2.012	182.774

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.036
Ethanol	1.344	112.830
n-Propanol	2.374	215.644

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1176252
Injection date: 4/25/2018 10:22:17 AM	Vial: 14
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\14.D	

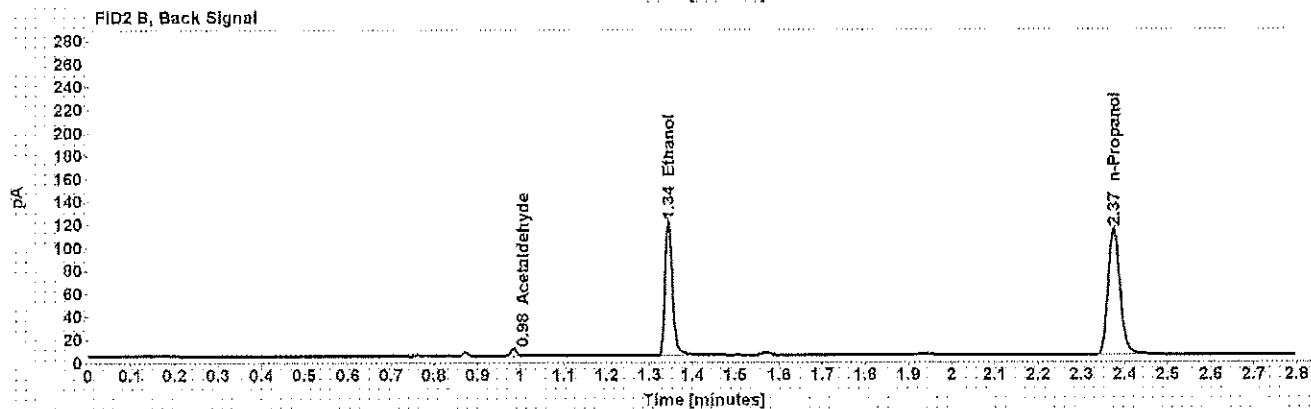
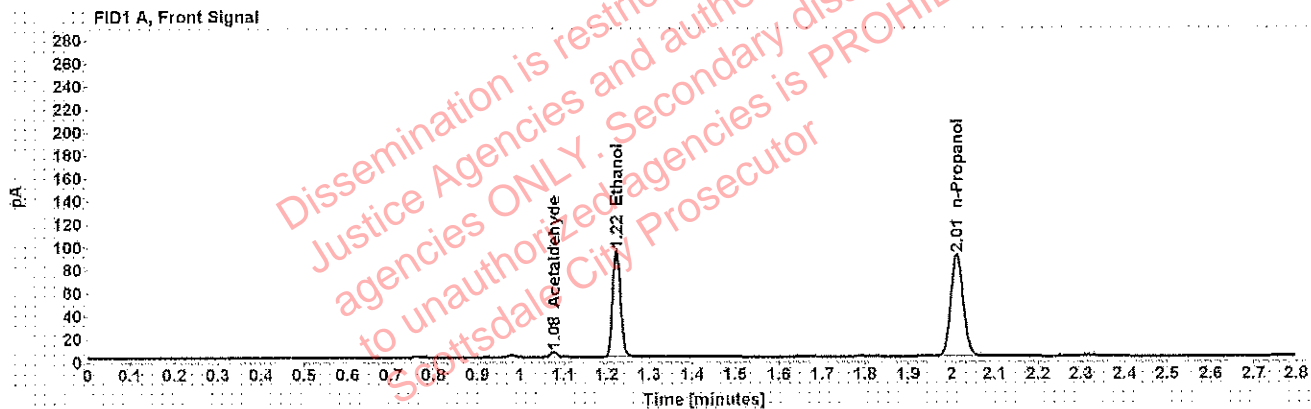


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.541
>Ethanol	0.1810	1.223	119,136
n-Propanol	-----	2.012	180.973

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.746
Ethanol	1.344	142.885
n-Propanol	2.375	211.997

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1176252
<b>Injection date:</b> 4/25/2018 10:26:16 AM	<b>Vial:</b> 15
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25Apr18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\25Apr18\15.D	

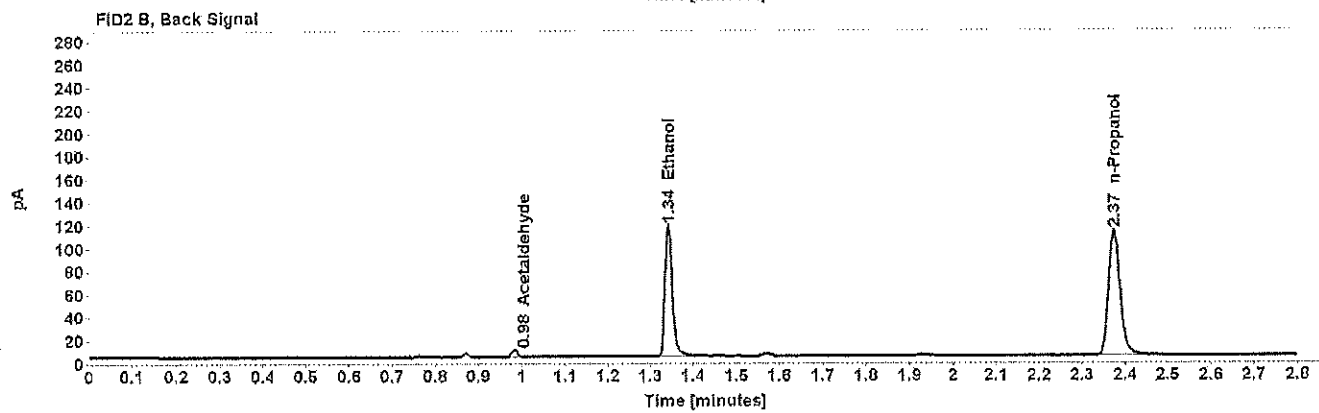
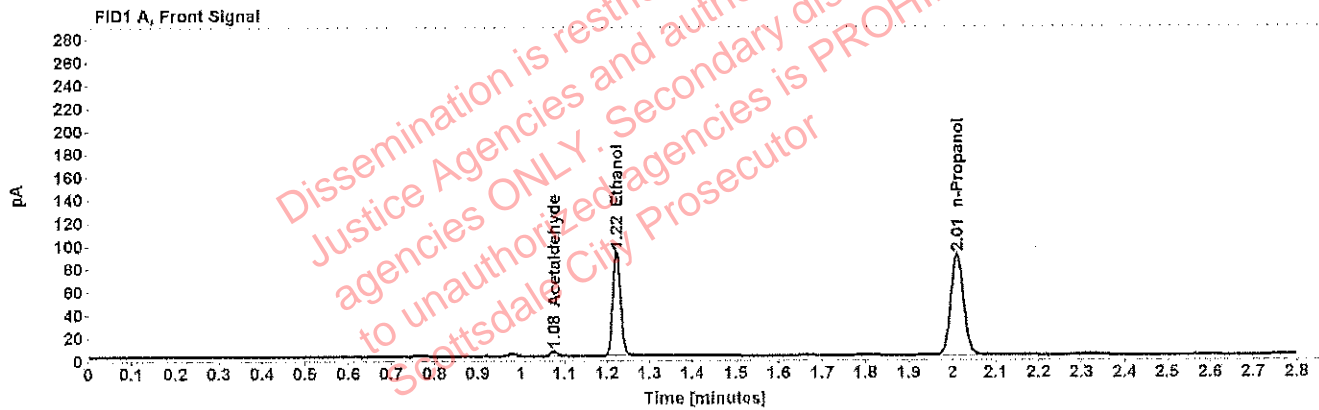


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	4.466
>Ethanol	0.1786	1.222	116.925
n-Propanol	-----	2.012	180.077

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.653
Ethanol	1.343	140.170
n-Propanol	2.374	210.263

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1191853
Injection date: 4/25/2018 10:30:16 AM	Vial: 16
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\16.D	

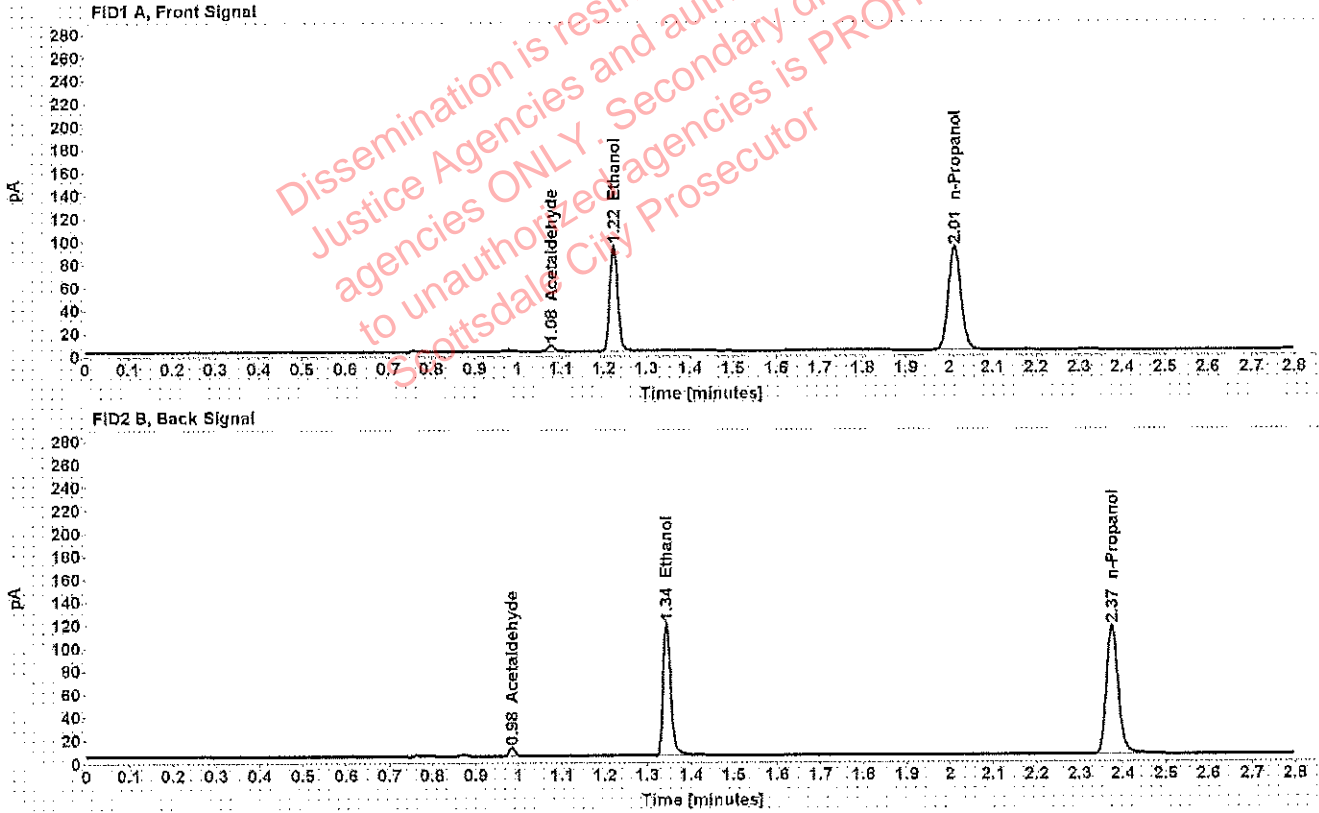


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.432
>Ethanol	0.1768	1.223	117.951
n-Propanol	-----	2.012	183.479

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.797
Ethanol	1.344	139.248
n-Propanol	2.375	215.994

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1191853
Injection date: 4/25/2018 10:34:17 AM	Vial: 17
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\17.D	

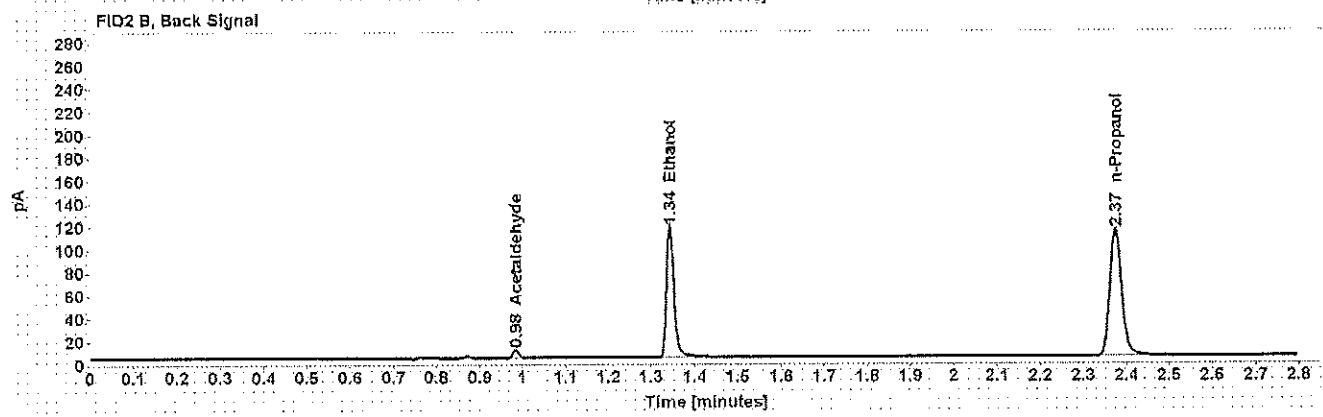
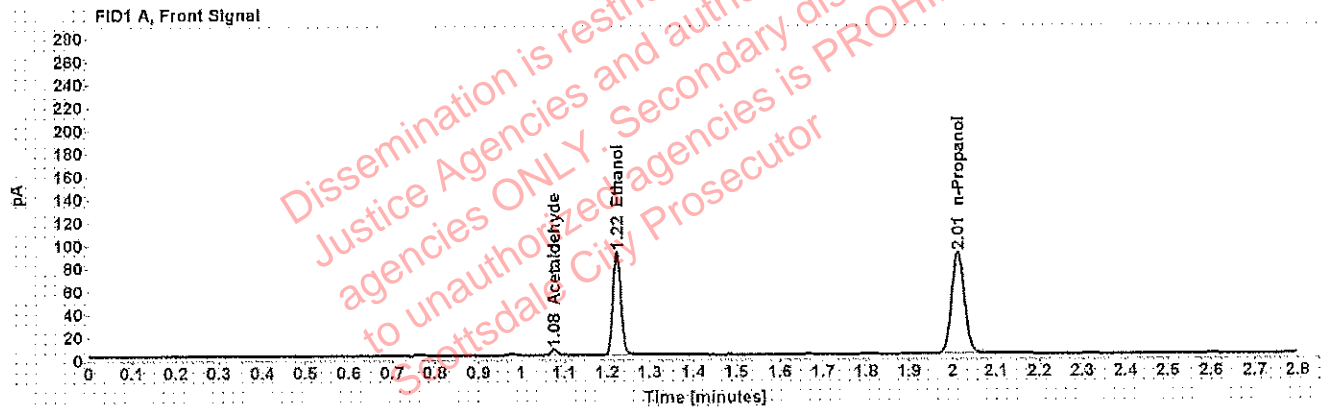


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	5.077
>Ethanol	0.1757	1.223	115.739
n-Propanol	-----	2.012	181.176

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.382
Ethanol	1.343	137.590
n-Propanol	2.374	213.031

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 321-01A
Injection date: 4/25/2018 10:38:17 AM	Vial: 18
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\18.D	

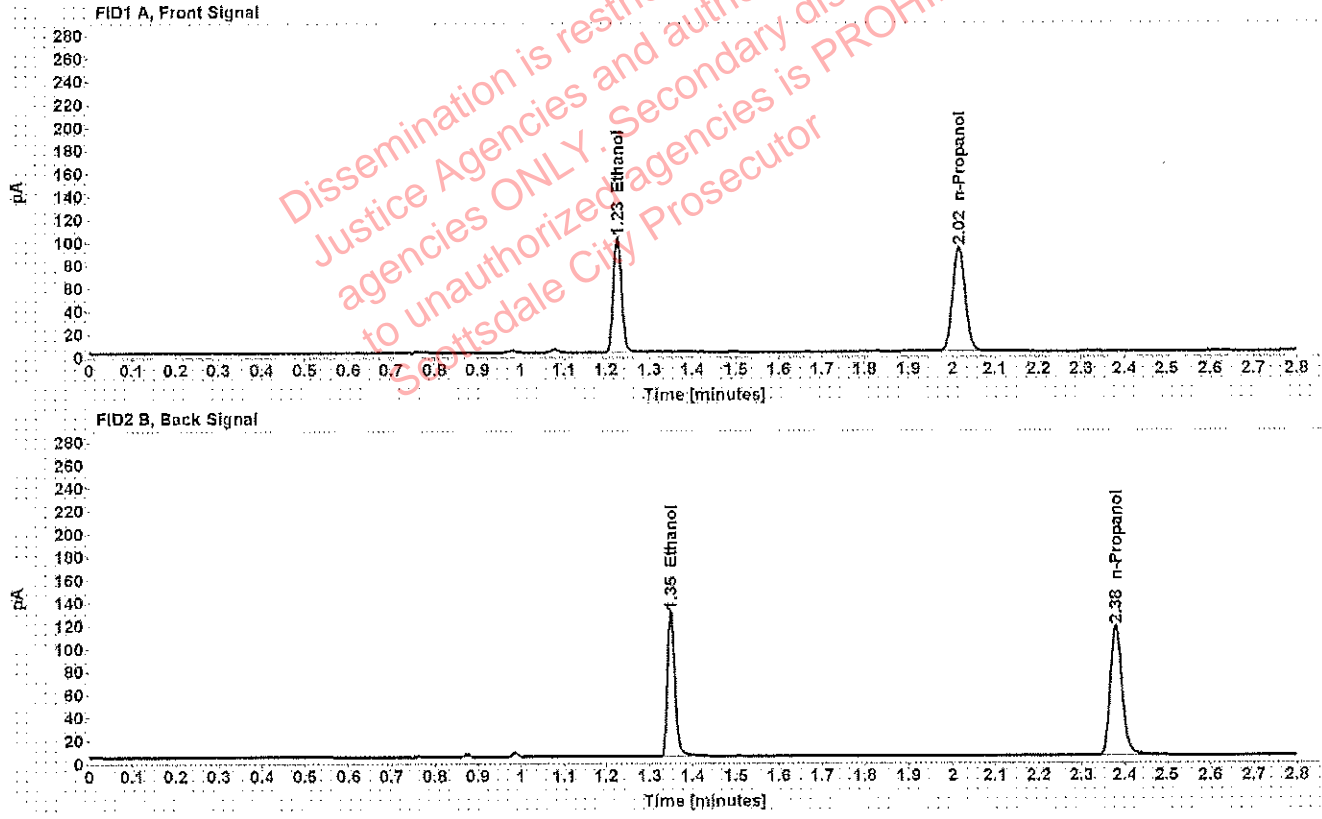


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1924	1.226	129.562
n-Propanol	-----	2.016	185.082

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

Compound	Time (min)	Peak Area
Ethanol	1.349	154.135
n-Propanol	2.379	217.632

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 321-01A
Injection date: 4/25/2018 10:42:32 AM	Vial: 19
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\19.D	

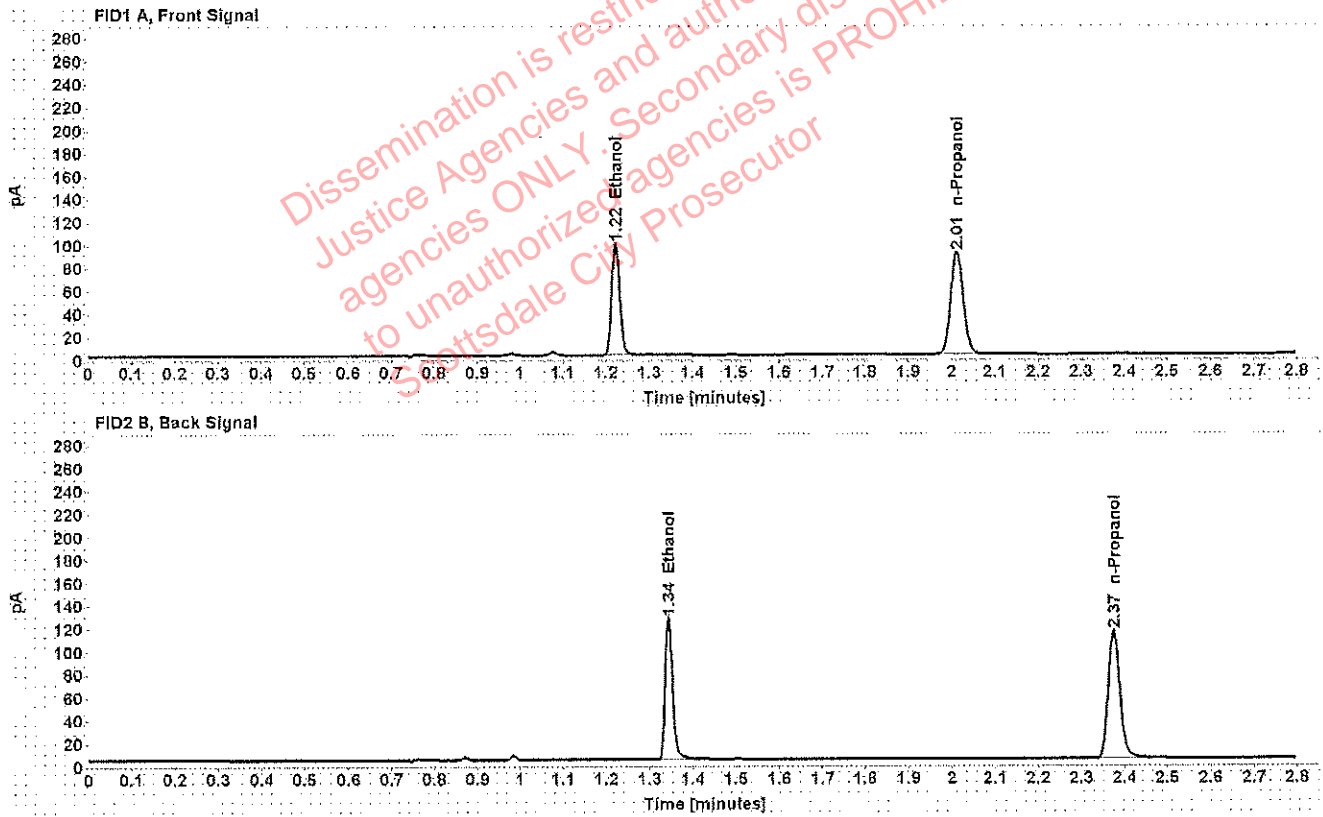


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1893	1.223	125.212
n-Propanol	-----	2.012	181.832

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

Compound	Time (min)	Peak Area
Ethanol	1.343	148.735
n-Propanol	2.374	214.492

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 340-01A
Injection date: 4/25/2018 10:50:32 AM	Vial: 21
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1\Data\25Apr18\21.D	

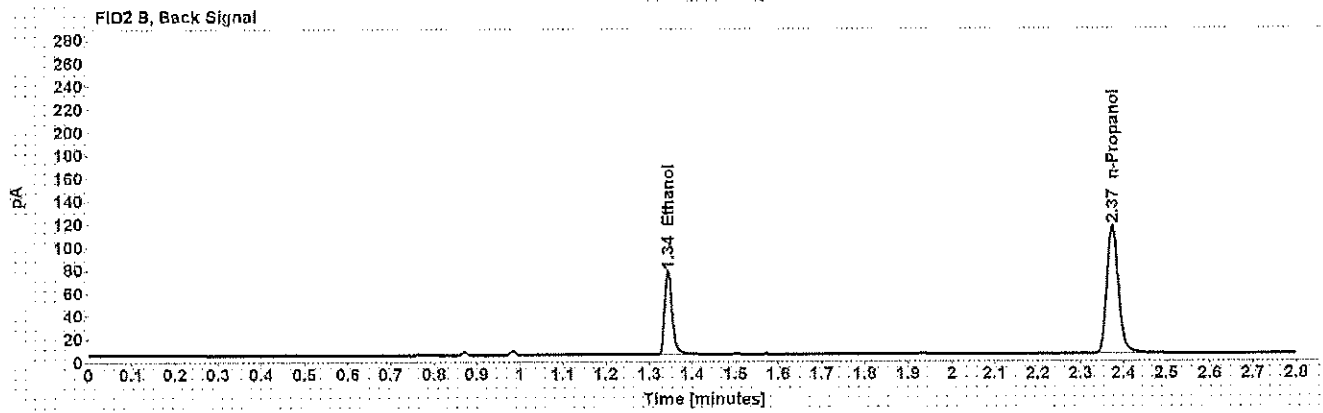
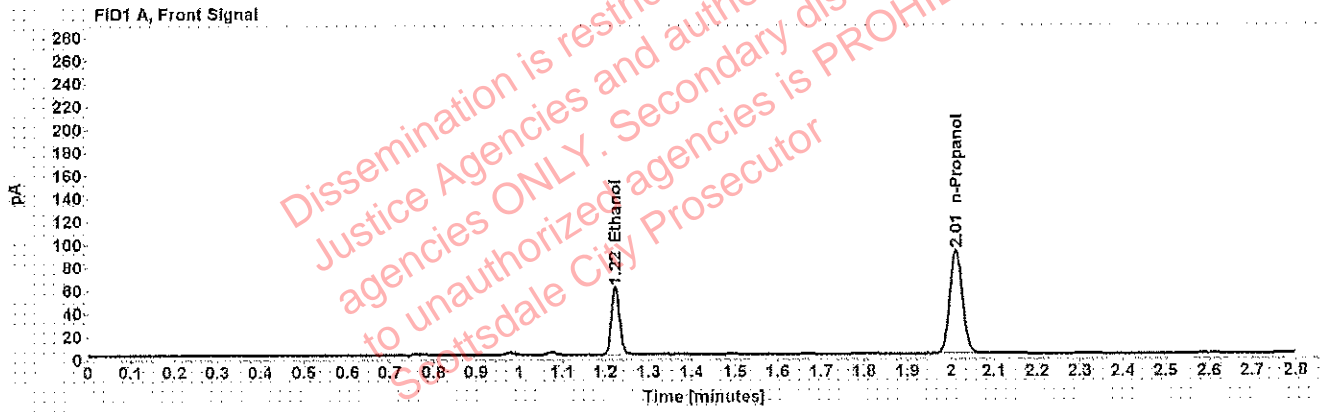


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1135	1.223	75.389
n-Propanol	-----	2.012	183.181

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

Compound	Time (min)	Peak Area
Ethanol	1.344	88.597
n-Propanol	2.374	215.855



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 340-01A
Injection date: 4/25/2018 10:54:32 AM	Vial: 22
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1\Data\25Apr18\22.D	

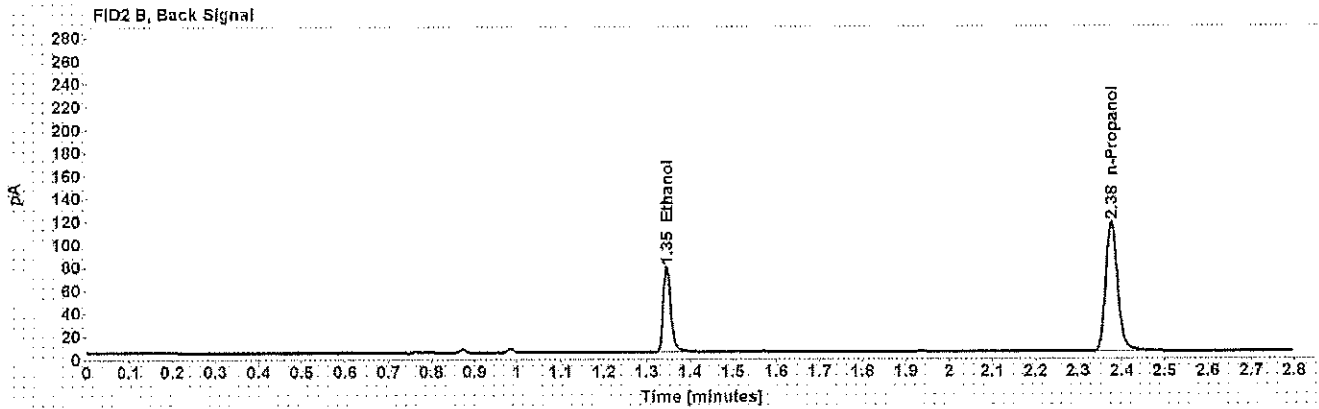
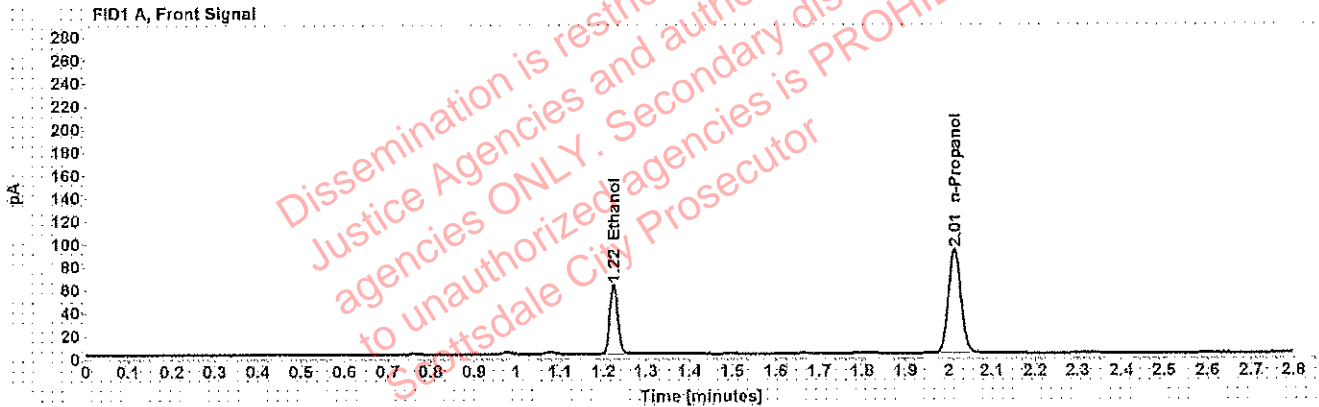


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1155	1.224	77.262
n-Propanol	-----	2.013	184.408

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

Compound	Time (min)	Peak Area
Ethanol	1.346	92.475
n-Propanol	2.376	217.393

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1210825
Injection date: 4/25/2018 10:58:32 AM	Vial: 23
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\23.D	

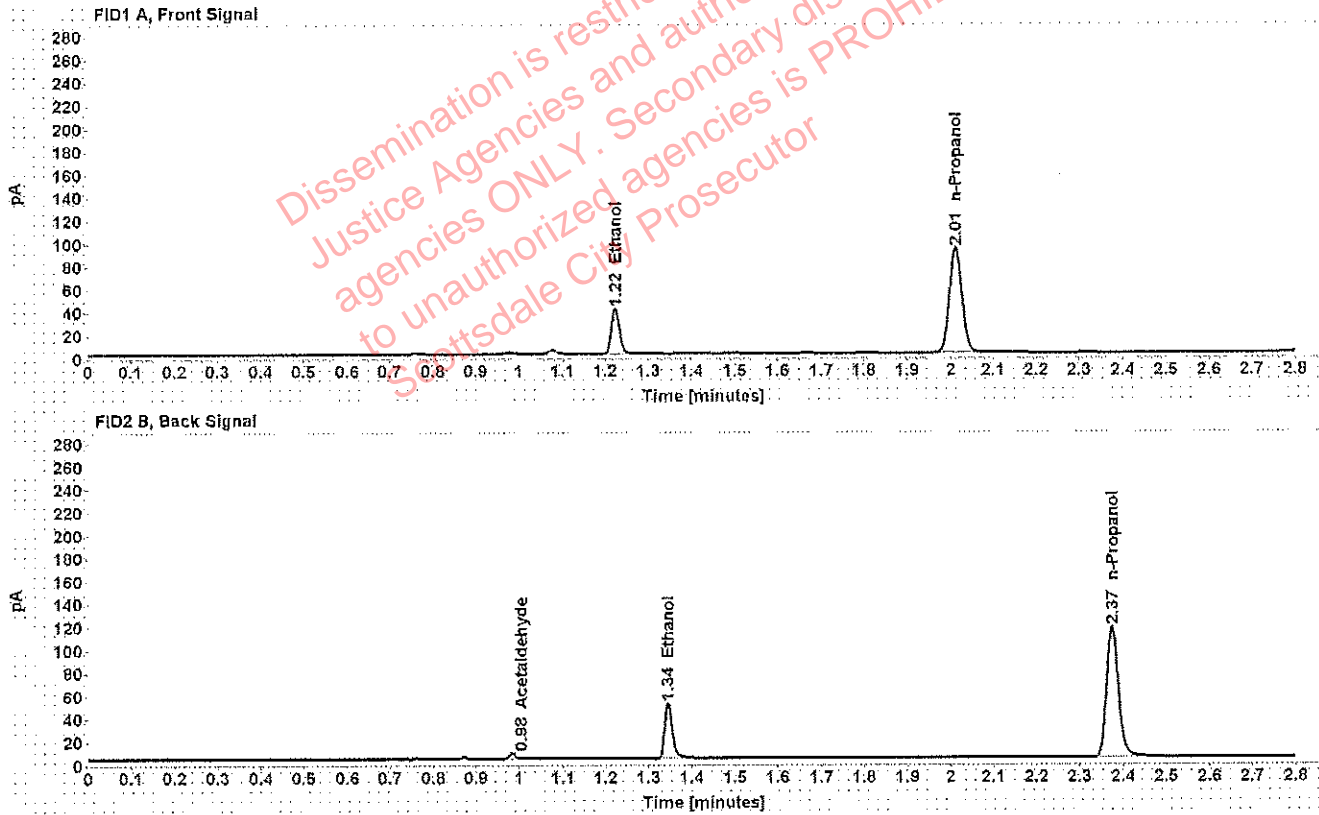


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0749	1.223	50.363
n-Propanol	-----	2.012	186.044

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.457
Ethanol	1.345	58.766
n-Propanol	2.375	219.135

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1210825
Injection date: 4/25/2018 11:02:32 AM	Vial: 24
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\25Apr18\24.D	

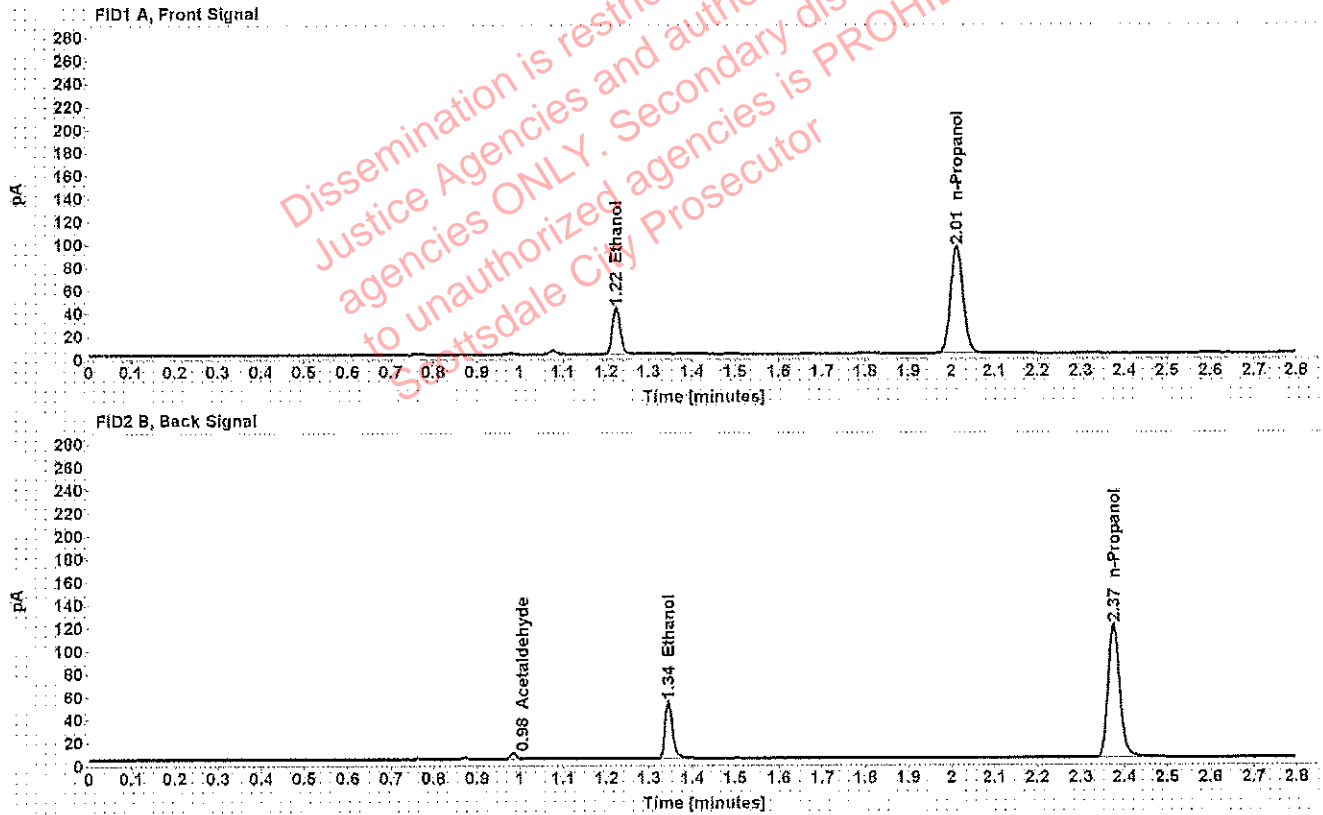


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0756	1.223	51.856
n-Propanol	-----	2.012	189.609

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.530
Ethanol	1.345	60.939
n-Propanol	2.375	223.270

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1208131
Injection date: 4/25/2018 11:06:47 AM	Vial: 25
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\25.D	

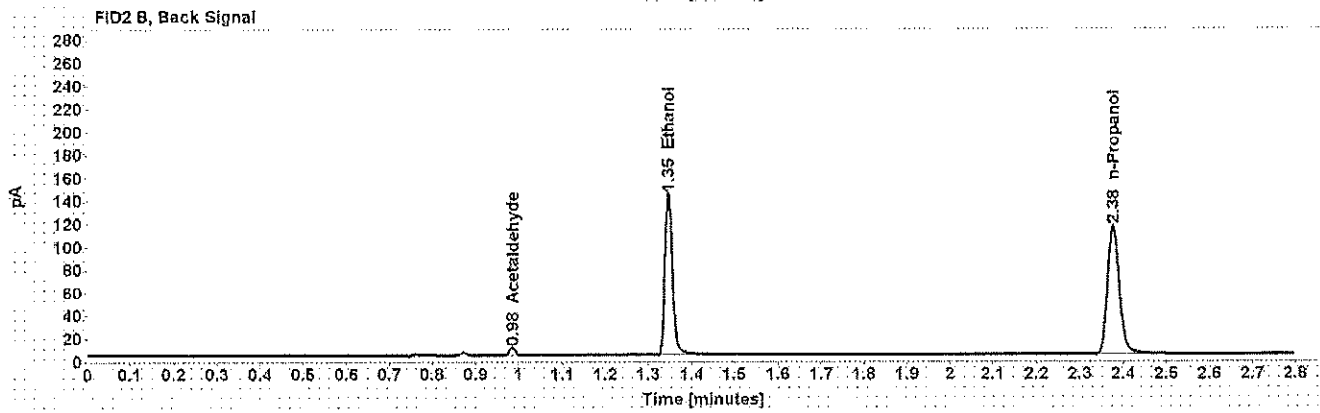
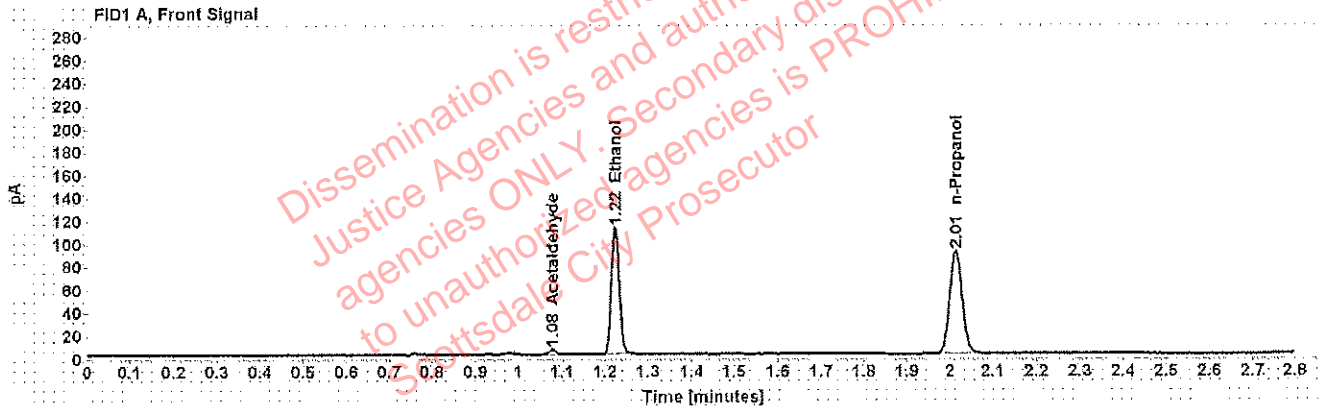


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.730
>Ethanol	0.2147	1.224	142.714
n-Propanol	-----	2.013	182.682

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	5.902
Ethanol	1.346	169.581
n-Propanol	2.376	215.491

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1208131
Injection date: 4/25/2018 11:10:47 AM	Vial: 26
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\26.D	

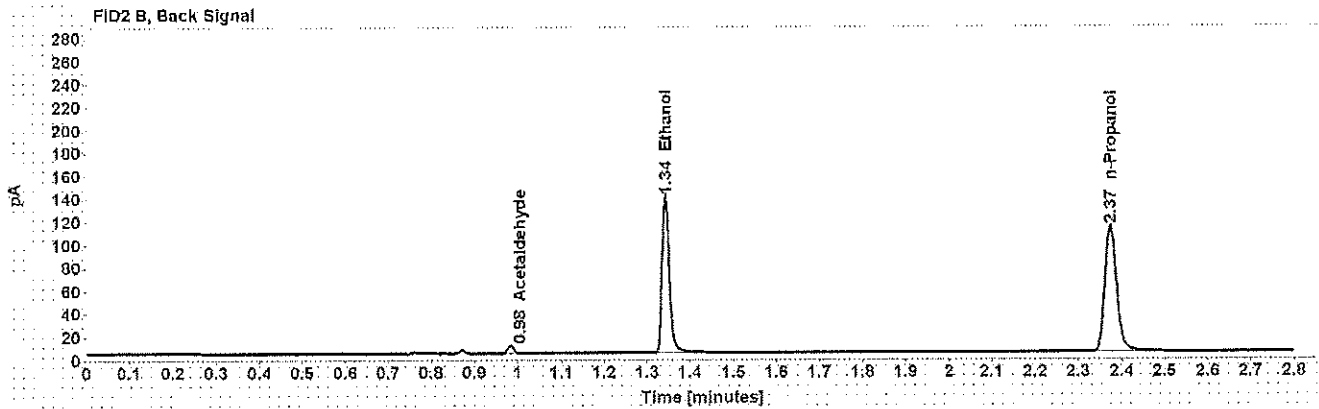
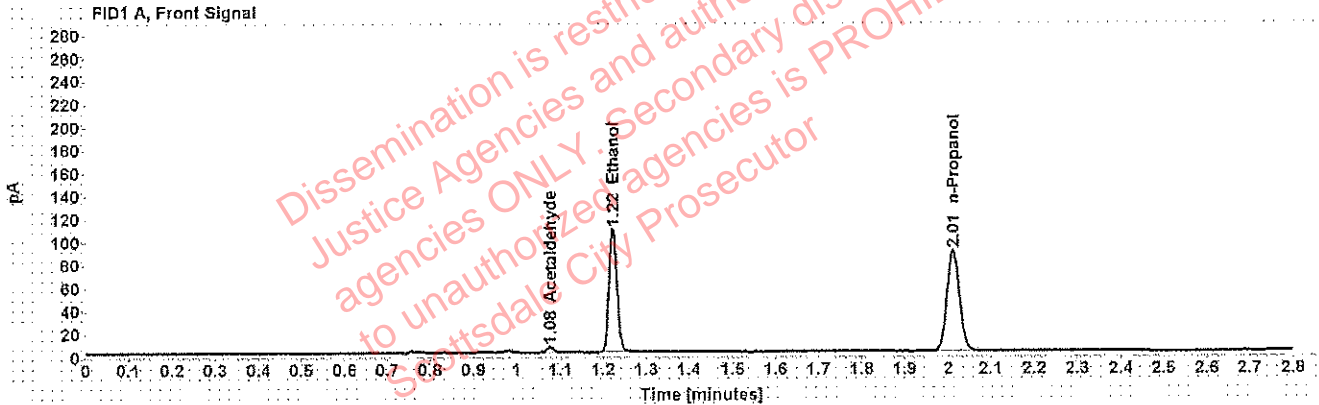


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	4.880
>Ethanol	0.2119	1.222	138.031
n-Propanol	-----	2.012	179.042

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	6.145
Ethanol	1.343	164.525
n-Propanol	2.374	211.429

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1206968
Injection date: 4/25/2018 11:14:47 AM	Vial: 27
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1\Data\25Apr18\27.D	

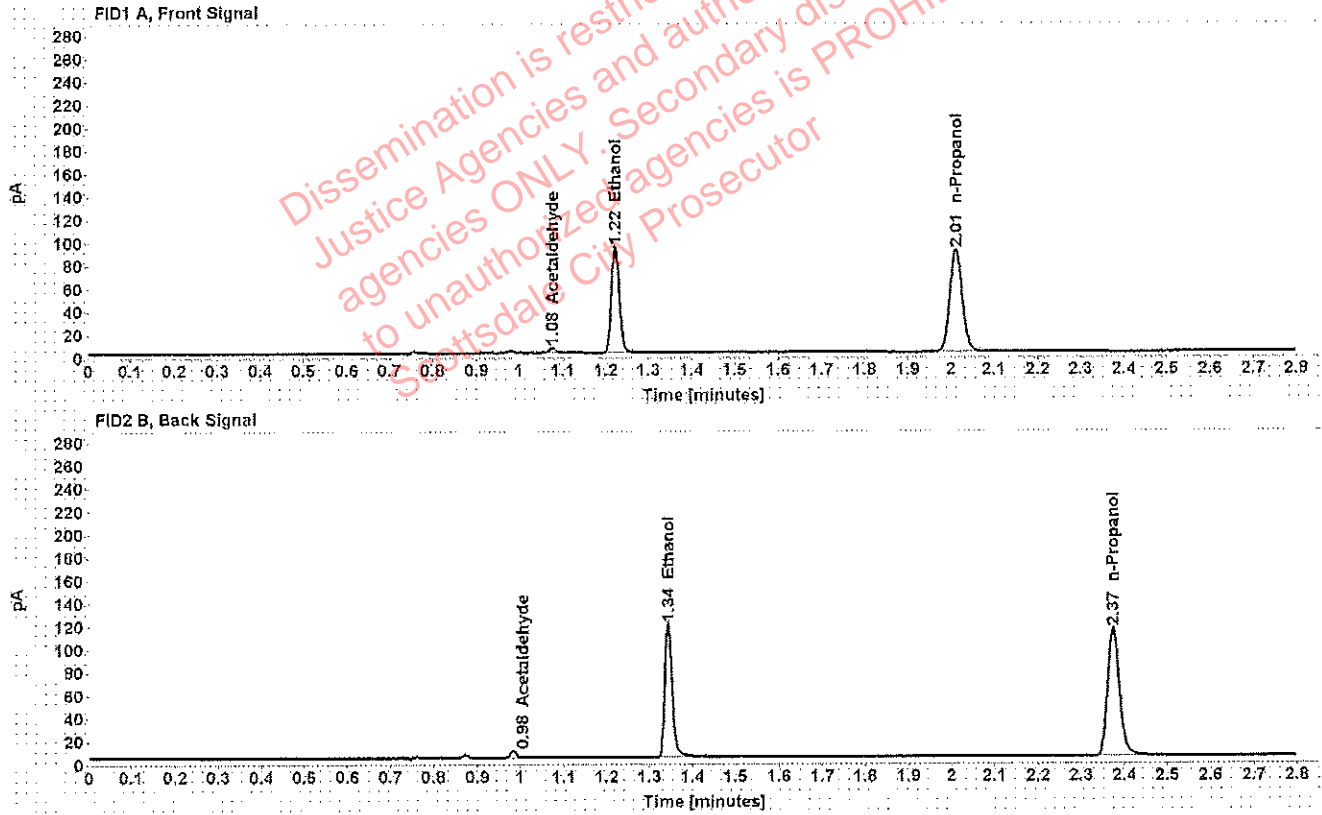


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	4.375
>Ethanol	0.1793	1.222	118.672
n-Propanol	-----	2.012	182.006

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.501
Ethanol	1.343	141.378
n-Propanol	2.374	214.612

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1206968
Injection date: 4/25/2018 11:18:47 AM	Vial: 28
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\28.D	

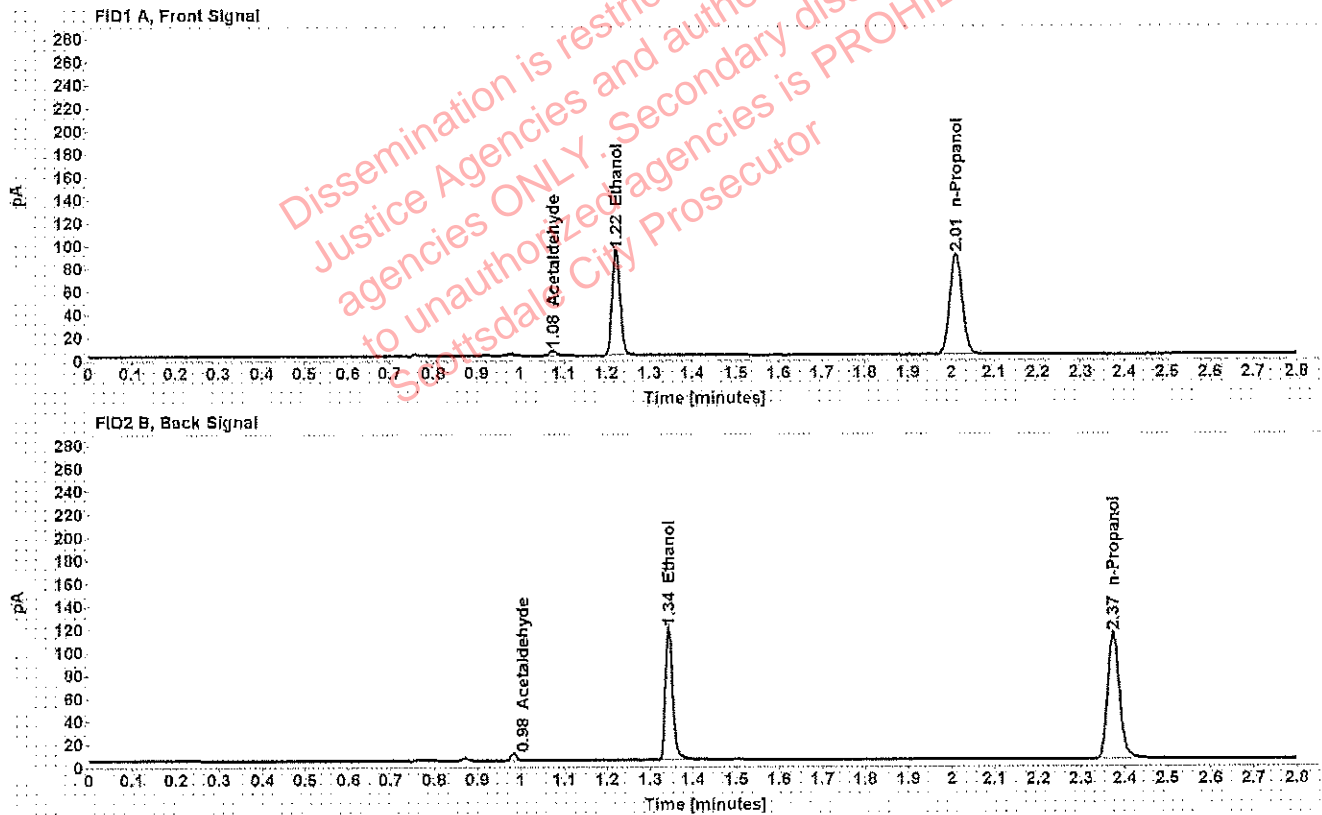


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	4.347
>Ethanol	0.1803	1.222	117.945
n-Propanol	-----	2.012	179.909

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.484
Ethanol	1.343	140.395
n-Propanol	2.374	212.160

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1206487
Injection date: 4/25/2018 11:22:47 AM	Vial: 29
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\29.D	

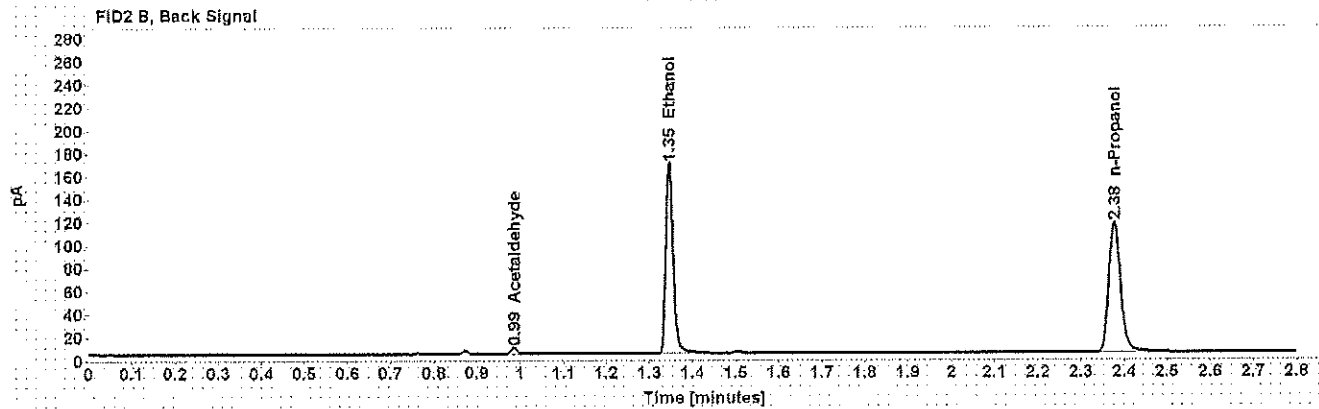
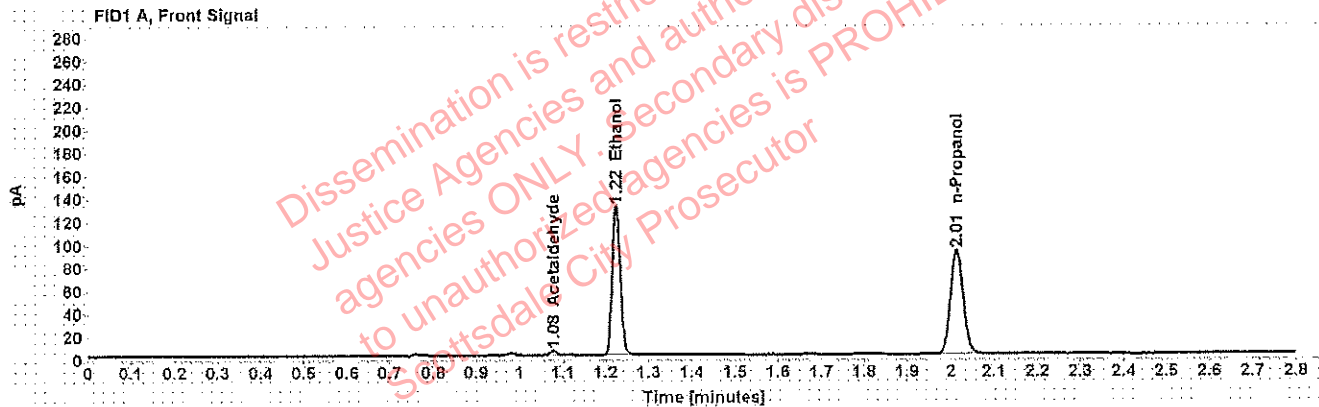


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.021
>Ethanol	0.2485	1.224	167.345
n-Propanol	-----	2.014	184.958

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	5.051
Ethanol	1.346	199.712
n-Propanol	2.377	218.652



## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1206487
<b>Injection date:</b> 4/25/2018 11:26:47 AM	<b>Vial:</b> 30
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25Apr18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem321\Data\25Apr18\30.D	

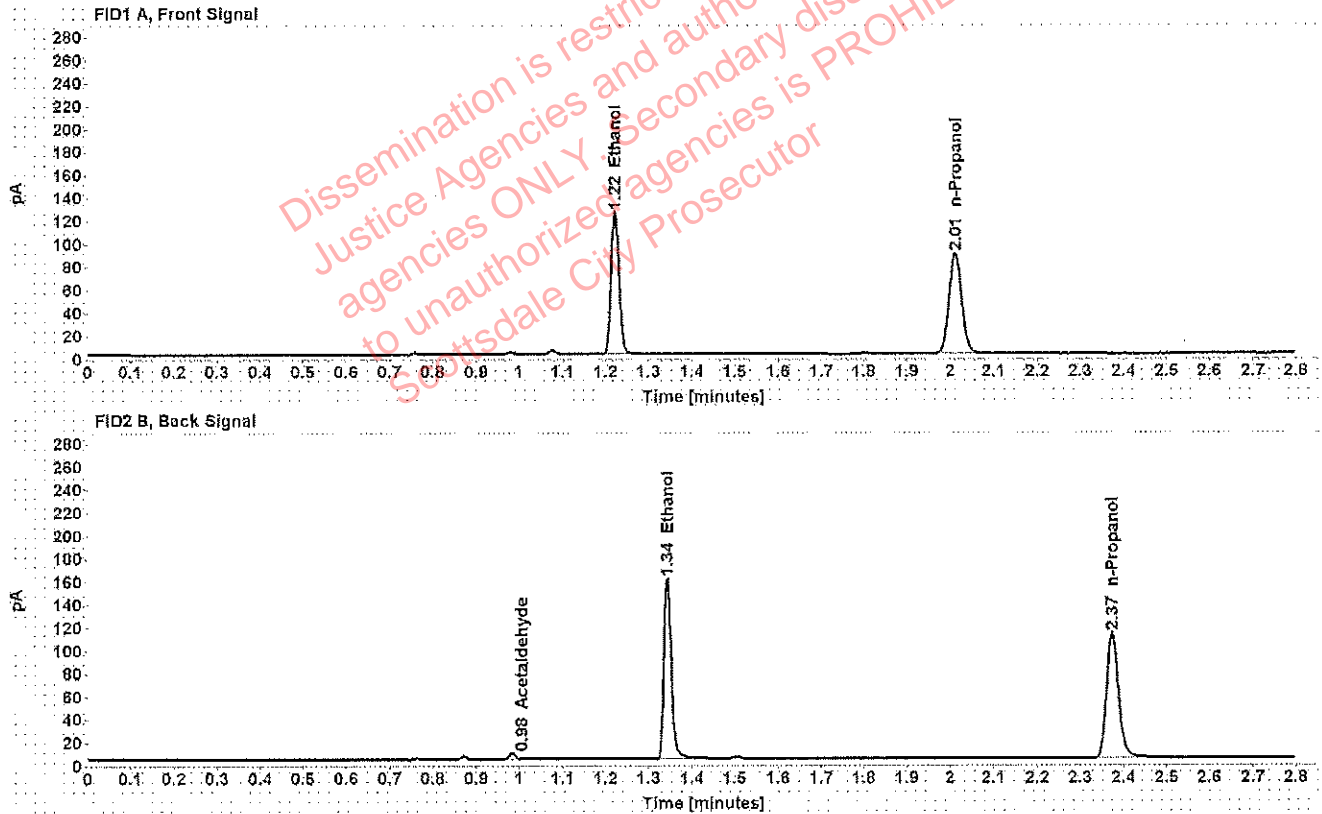


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2448	1.222	159.027
n-Propanol	-----	2.012	178.448

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	4.662
Ethanol	1.343	189.905
n-Propanol	2.374	210.883

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1206853
<b>Injection date:</b> 4/25/2018 11:35:02 AM	<b>Vial:</b> 32
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25Apr18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem321\Data\25Apr18\32.D	

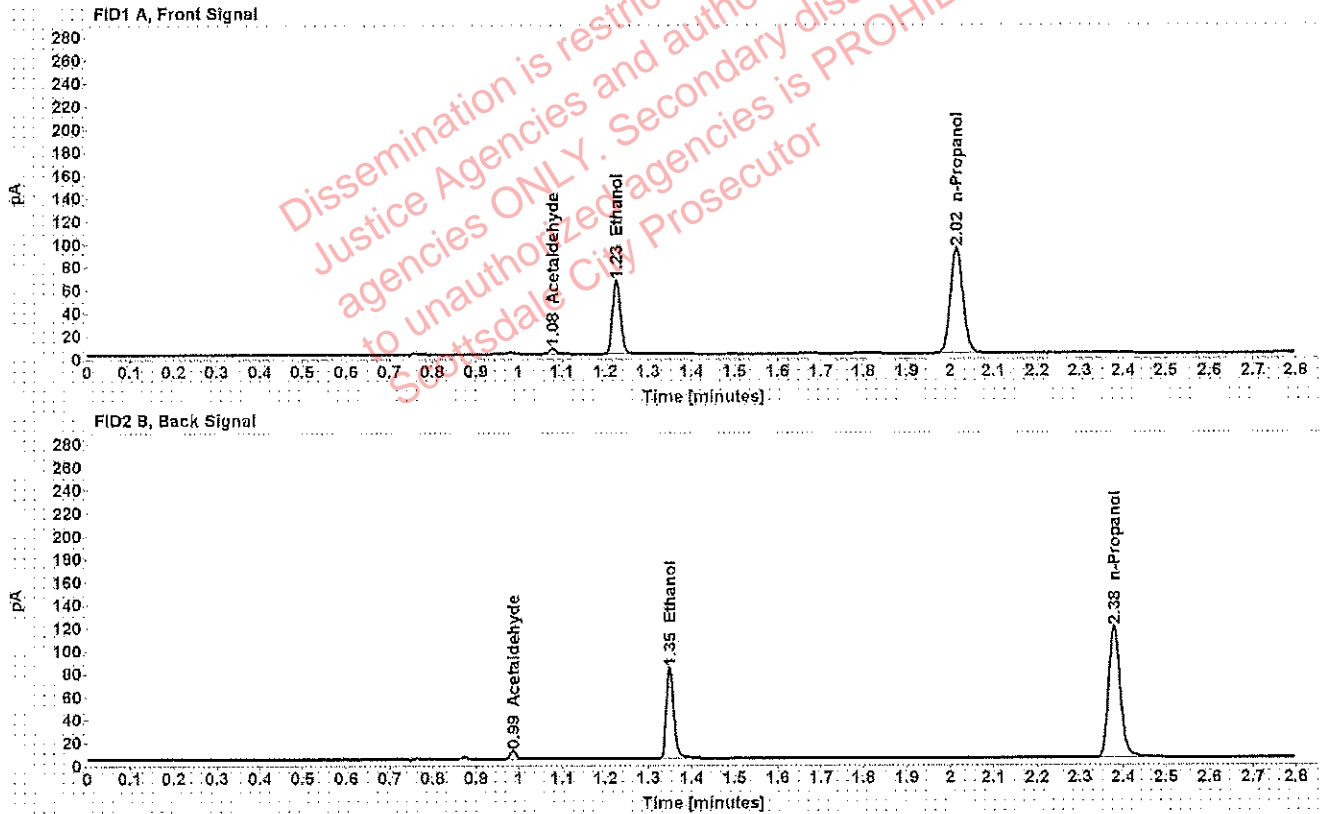


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.079	5,160
>Ethanol	0.1216	1.226	82,398
n-Propanol	-----	2.015	186,652

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	6,472
Ethanol	1.349	96,647
n-Propanol	2.379	220,271

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1206853
Injection date: 4/25/2018 11:39:02 AM	Vial: 33
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\33.D	

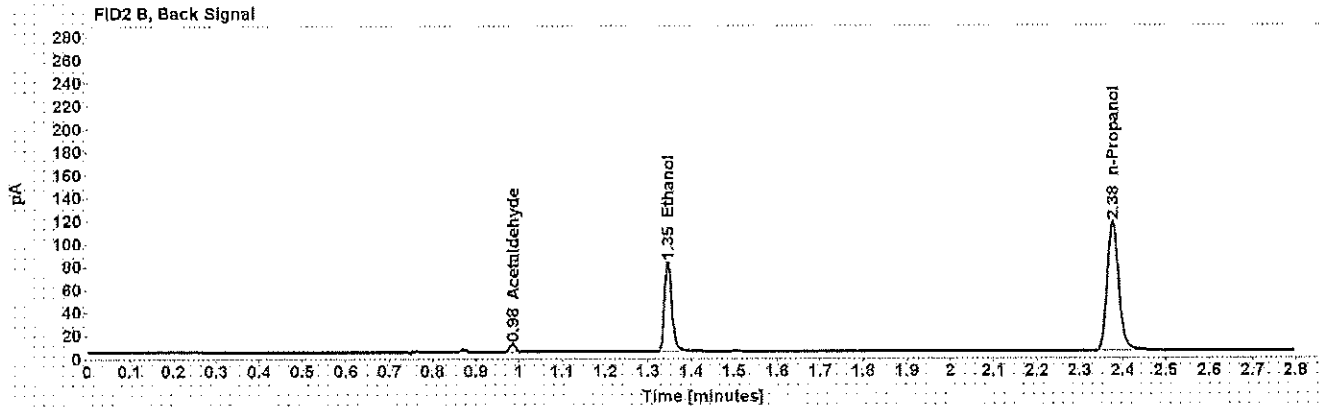
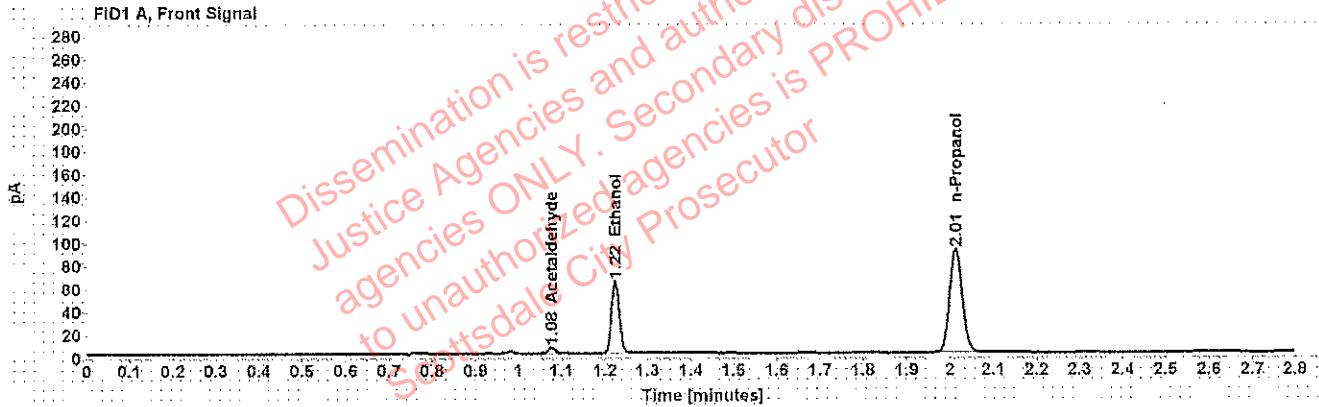


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.211
>Ethanol	0.1209	1.224	80.640
n-Propanol	-----	2.013	183.846

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	6.494
Ethanol	1.346	94.646
n-Propanol	2.376	216.784

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1208003
Injection date: 4/25/2018 11:43:02 AM	Vial: 34
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\25Apr18\34.D	

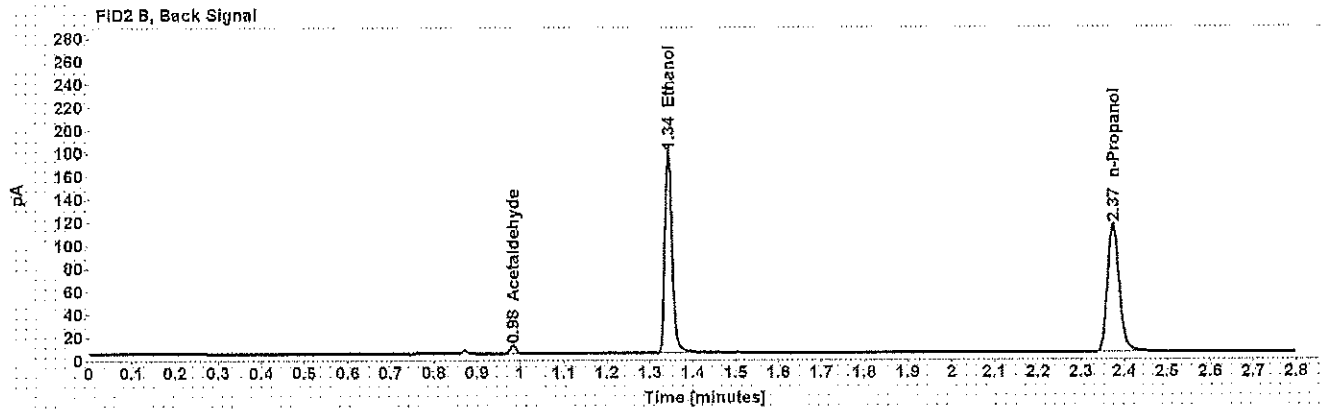
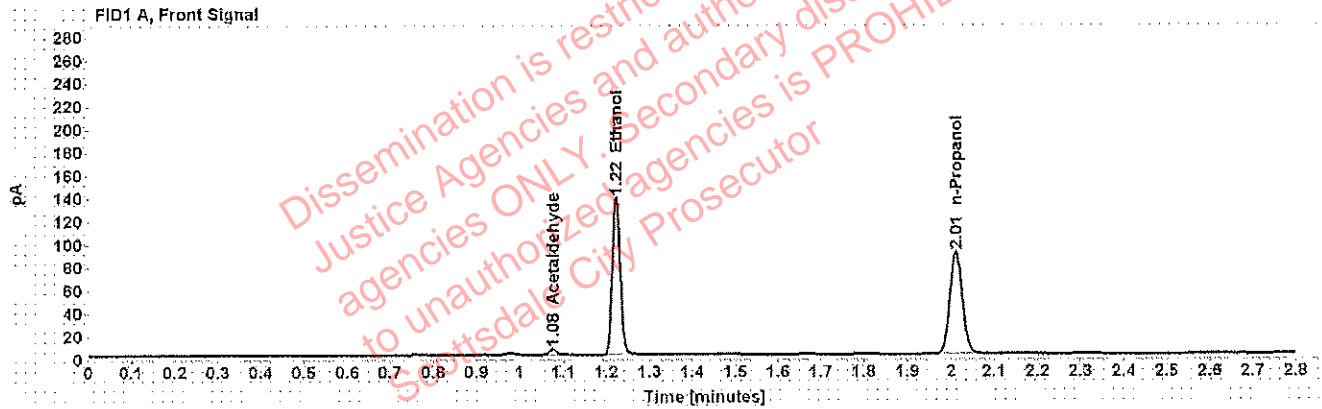


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	5.060
>Ethanol	0.2659	1.222	175.725
n-Propanol	-----	2.012	181.467

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.376
Ethanol	1.343	210.023
n-Propanol	2.374	215.075

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1208003
<b>Injection date:</b> 4/25/2018 11:47:02 AM	<b>Vial:</b> 35
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25Apr18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\25Apr18\35.D	

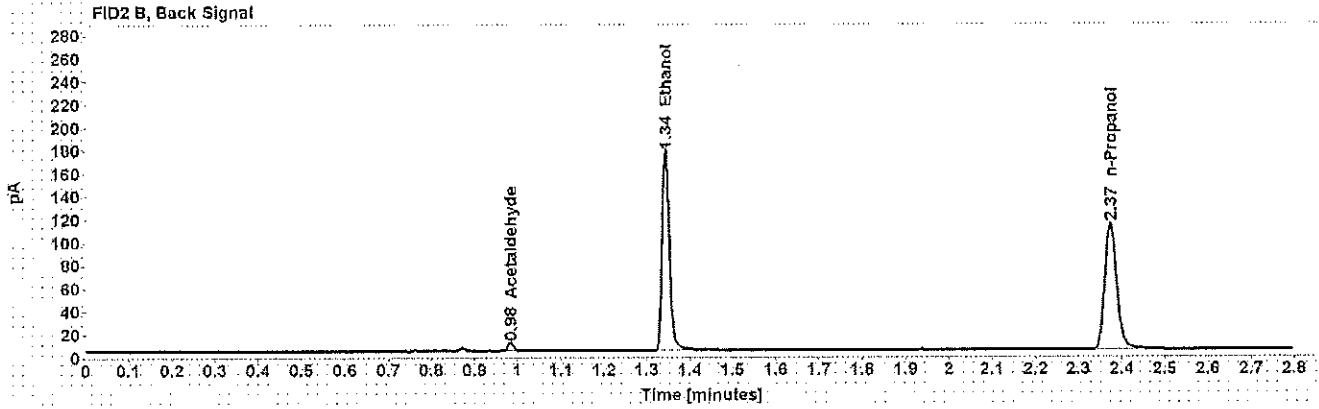
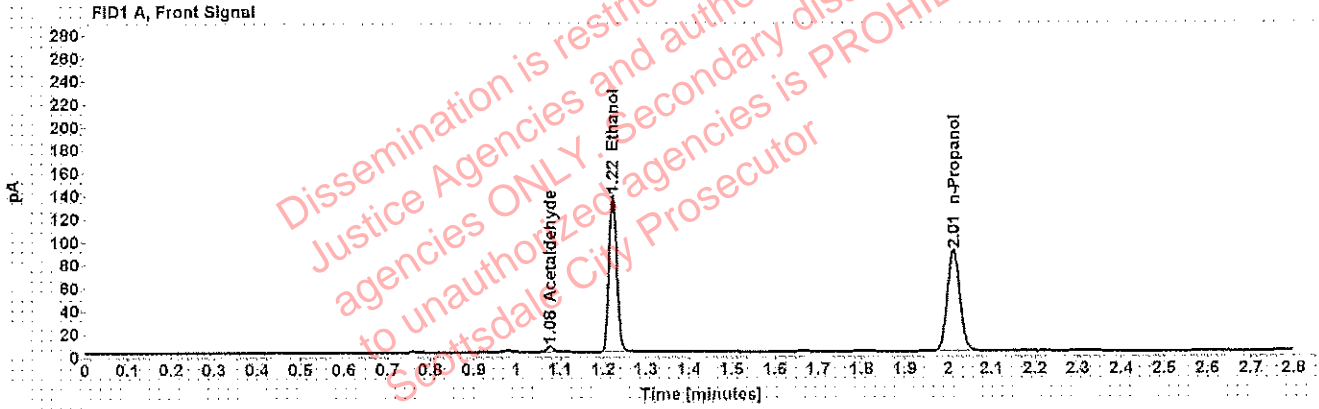


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	5.045
>Ethanol	0.2676	1.222	174.356
n-Propanol	-----	2.012	176.914

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.335
Ethanol	1.343	208.027
n-Propanol	2.374	212.186

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1198049
Injection date: 4/25/2018 11:51:02 AM	Vial: 36
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\36.D	

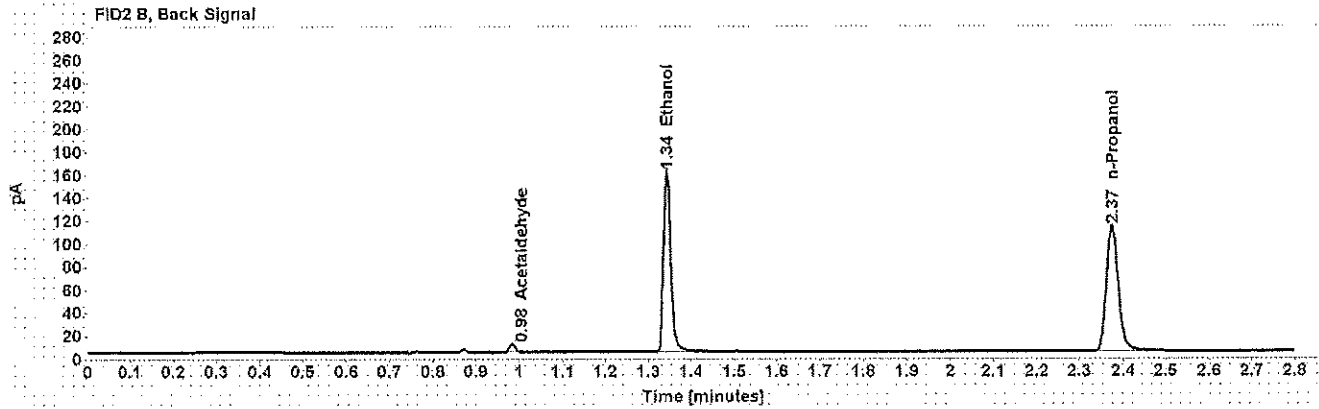
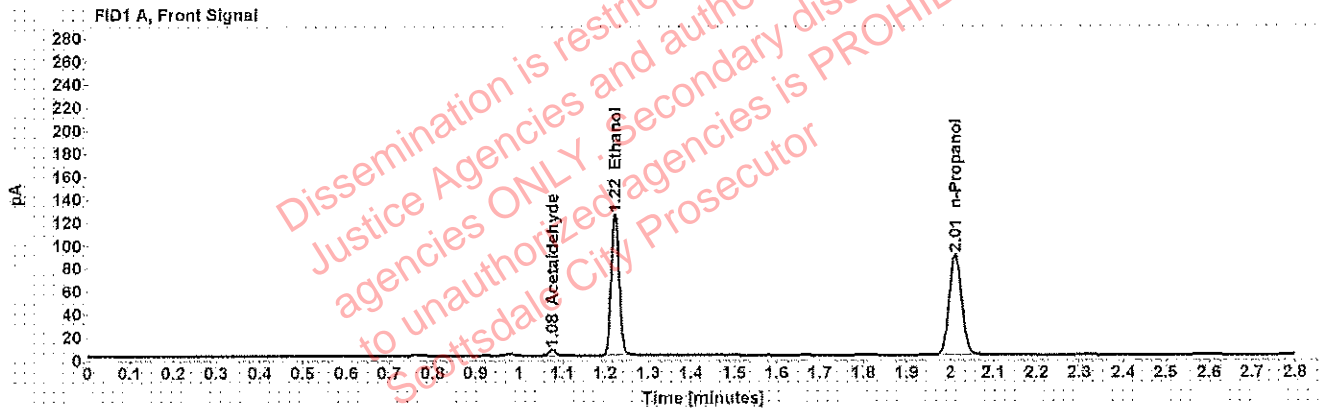


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.233
>Ethanol	0.2434	1.223	158.165
n-Propanol	-----	2.012	178.465

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.563
Ethanol	1.343	188.853
n-Propanol	2.374	211.060

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1198049
<b>Injection date:</b> 4/25/2018 11:55:17 AM	<b>Vial:</b> 37
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25Apr18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\25Apr18\37.D	

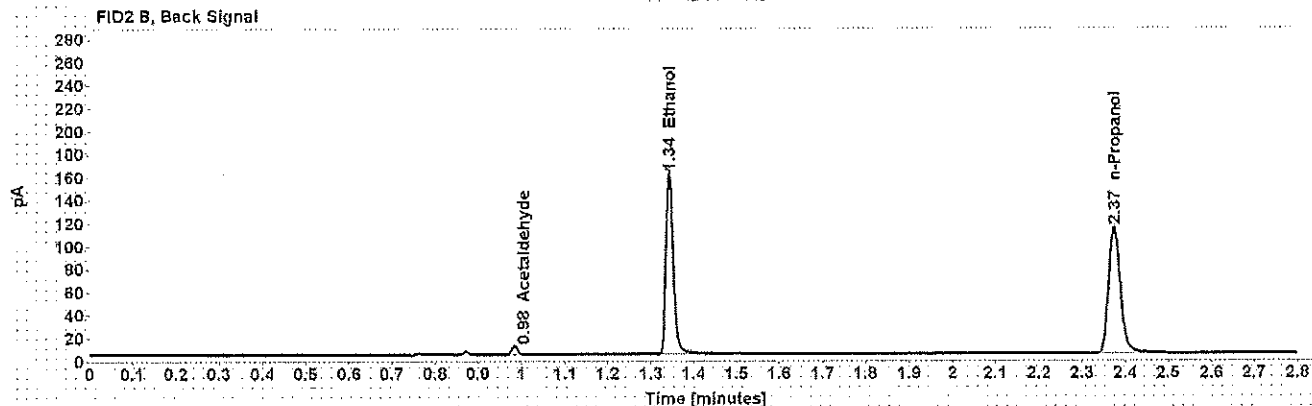
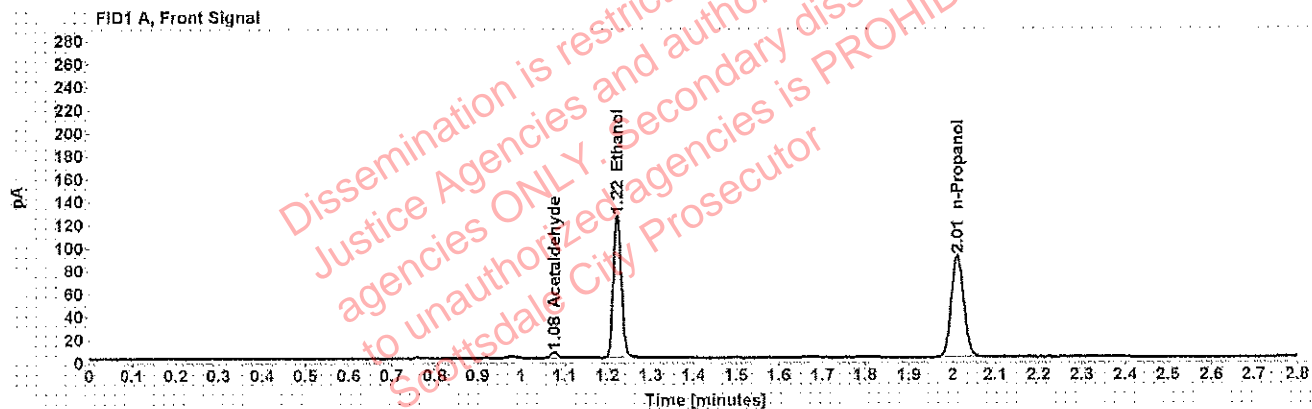


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.352
>Ethanol	0.2421	1.223	158.561
n-Propanol	-----	2.012	179.906

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.728
Ethanol	1.343	189.326
n-Propanol	2.374	213.068

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1210564
<b>Injection date:</b> 4/25/2018 11:59:17 AM	<b>Vial:</b> 38
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25Apr18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\25Apr18\38.D	

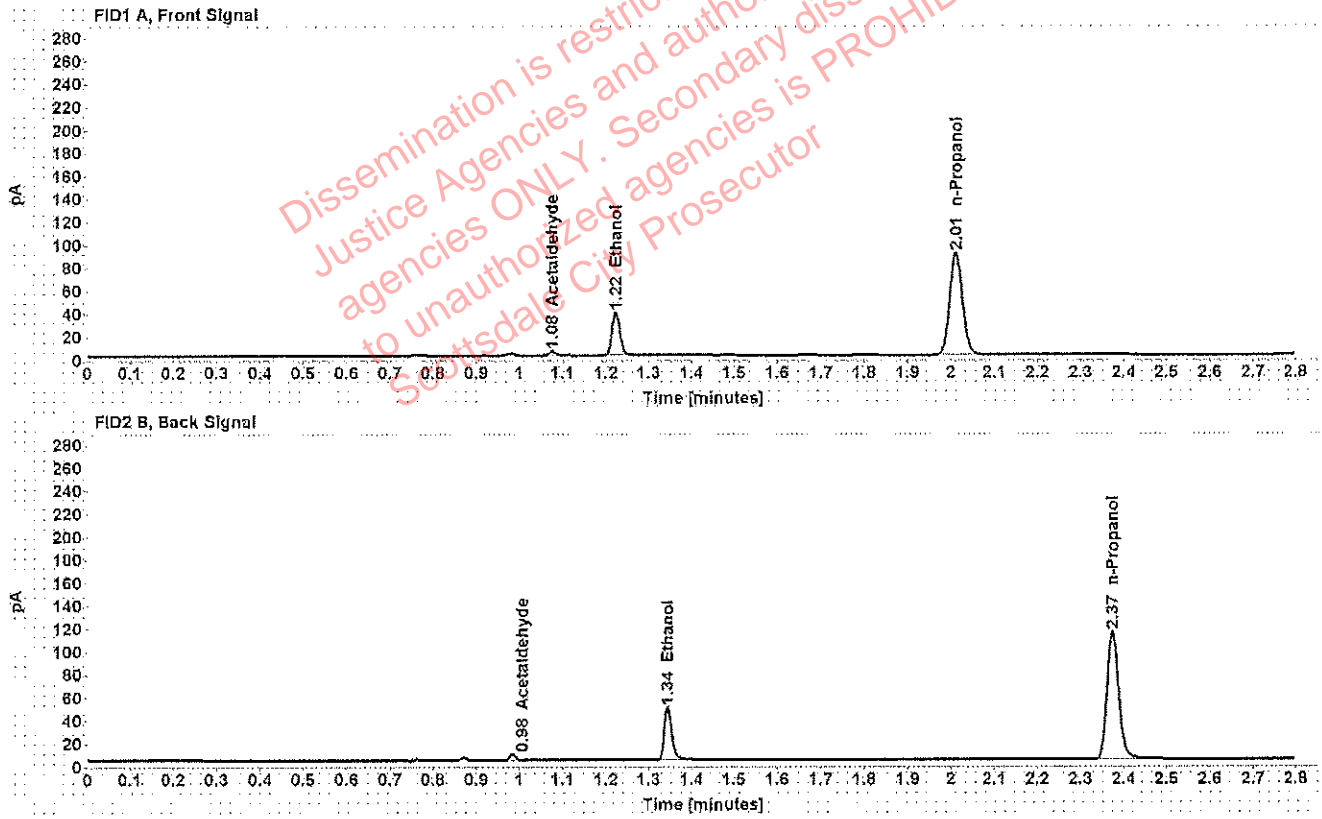


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	3.881
>Ethanol	0.0739	1.223	48.411
n-Propanol	-----	2.012	181.356

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	4.904
Ethanol	1.344	56.486
n-Propanol	2.374	214.428



## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1210564
<b>Injection date:</b> 4/25/2018 12:03:17 PM	<b>Vial:</b> 39
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25Apr18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem321\1\Data\25Apr18\39.D	

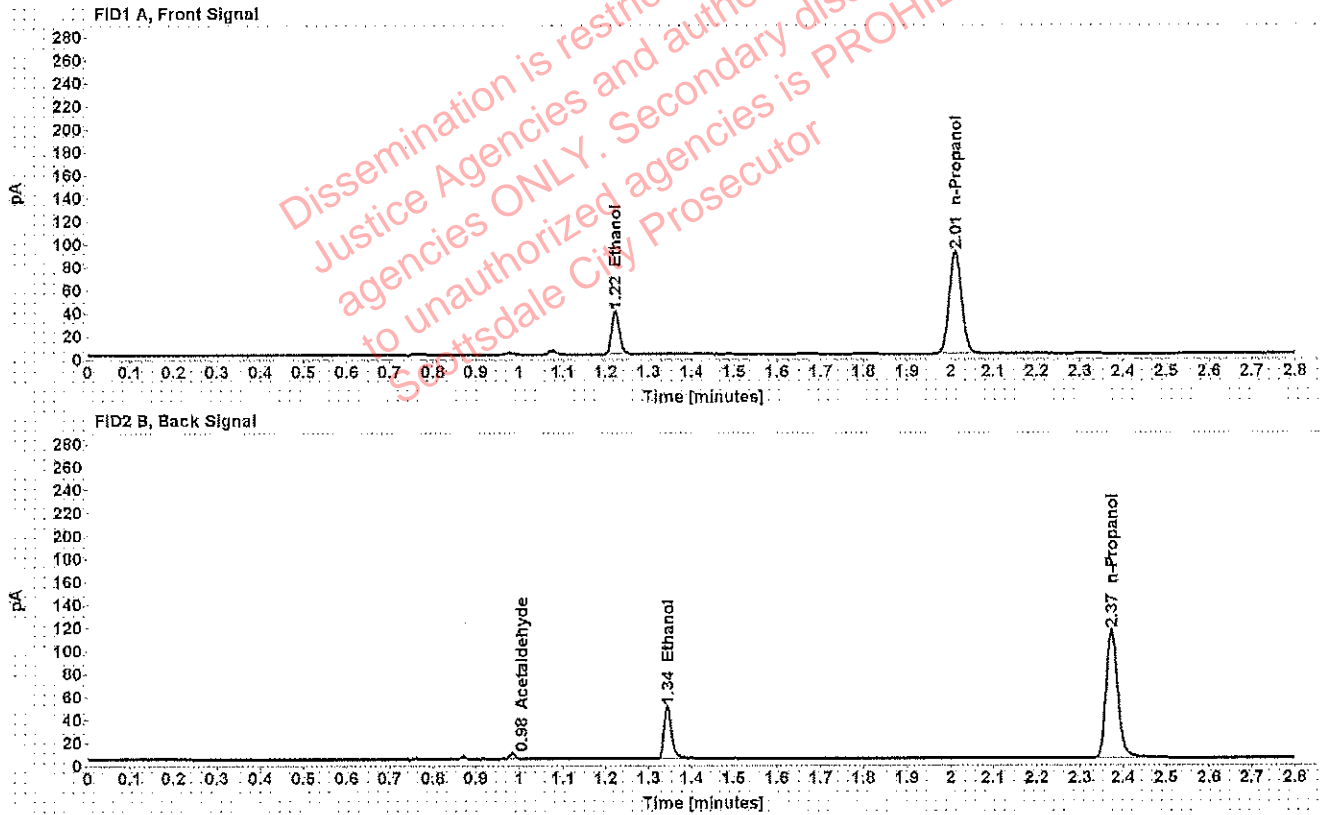


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0731	1.223	47.990
n-Propanol	-----	2.011	181.758

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	4.348
Ethanol	1.344	55.963
n-Propanol	2.374	215.026

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1210288
Injection date: 4/25/2018 12:07:17 PM	Vial: 40
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\40.D	

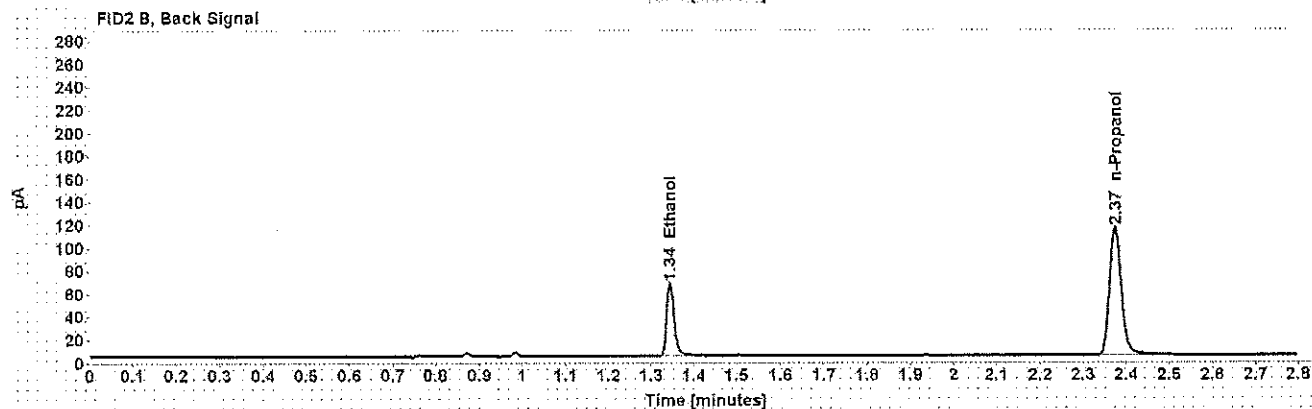
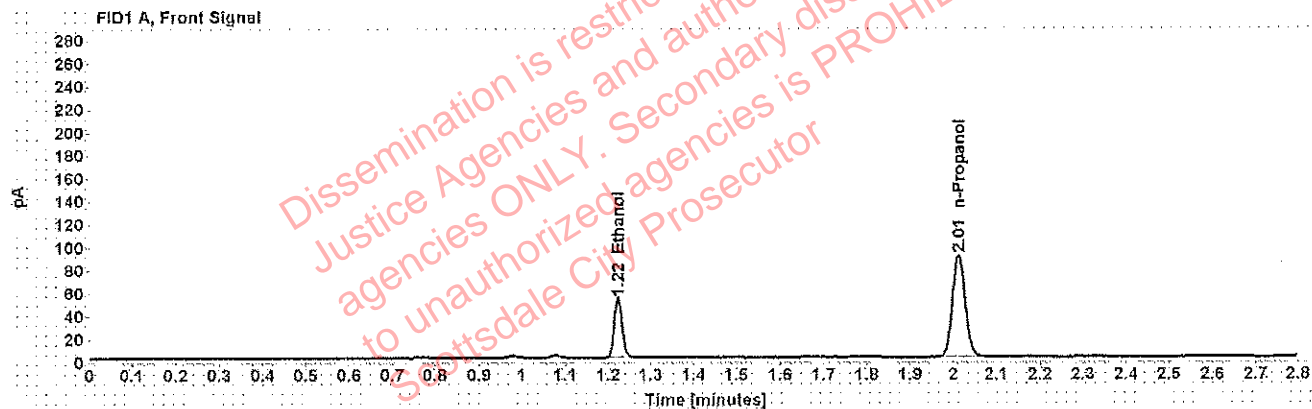


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1008	1.223	66.362
n-Propanol	-----	2.012	181.572

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

Compound	Time (min)	Peak Area
Ethanol	1.344	77.835
n-Propanol	2.374	214.801

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1210288
<b>Injection date:</b> 4/25/2018 12:11:17 PM	<b>Vial:</b> 41
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25Apr18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\25Apr18\41.D	

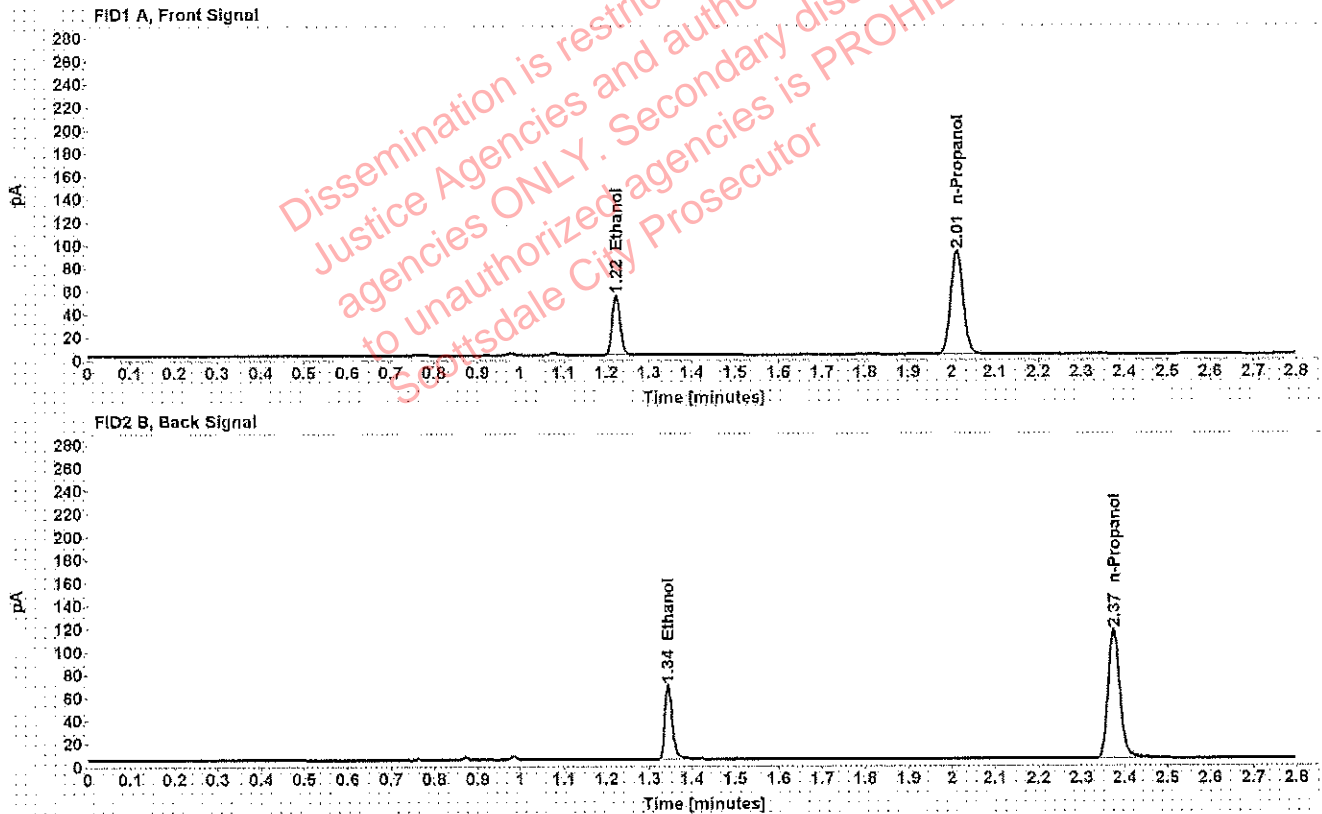


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1008	1.223	66.974
n-Propanol	-----	2.012	183.624

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

Compound	Time (min)	Peak Area
Ethanol	1.344	78.956
n-Propanol	2.374	217.226

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1210281
<b>Injection date:</b> 4/25/2018 12:19:32 PM	<b>Vial:</b> 43
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25Apr18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\25Apr18\43.D	

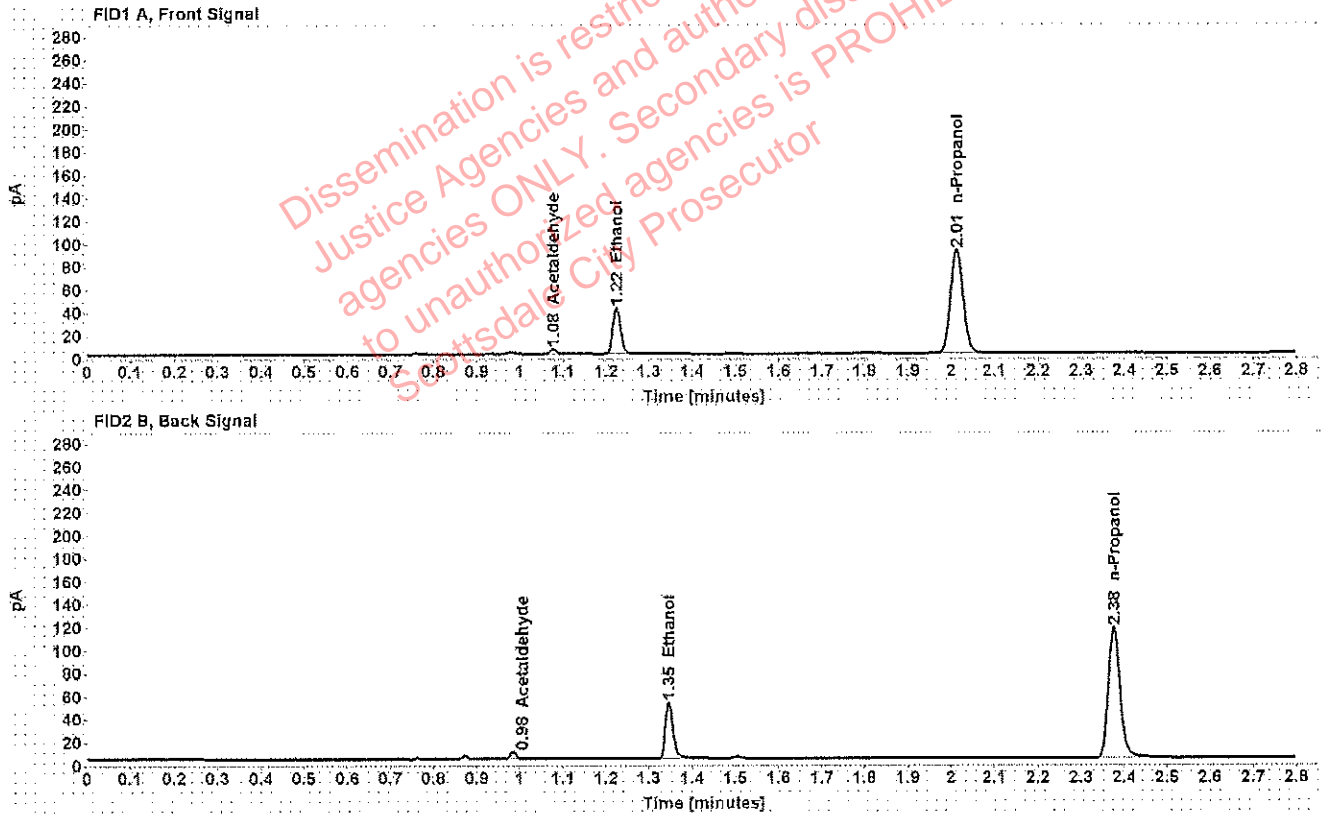


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.357
>Ethanol	0.0772	1.224	51.522
n-Propanol	-----	2.013	184.553

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	5.501
Ethanol	1.346	80.301
n-Propanol	2.376	218.930

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1210281
<b>Injection date:</b> 4/25/2018 12:23:32 PM	<b>Vial:</b> 44
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25Apr18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\25Apr18\44.D	

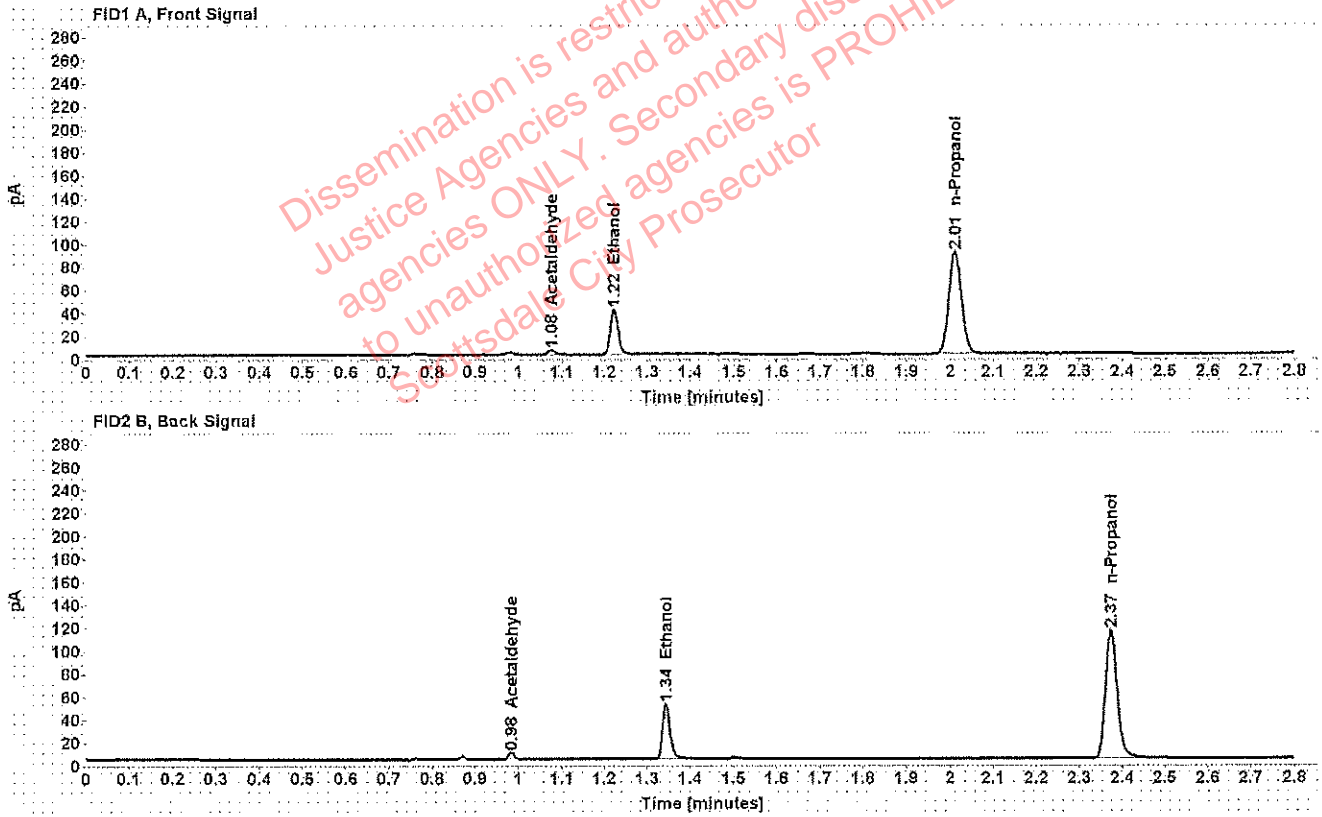


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	4.185
>Ethanol	0.0764	1.223	50.244
n-Propanol	-----	2.012	181.797

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.286
Ethanol	1.344	58.633
n-Propanol	2.374	215.286

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1211361
<b>Injection date:</b> 4/25/2018 12:27:32 PM	<b>Vial:</b> 45
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25Apr18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem32\1\Data\25Apr18\45.D	

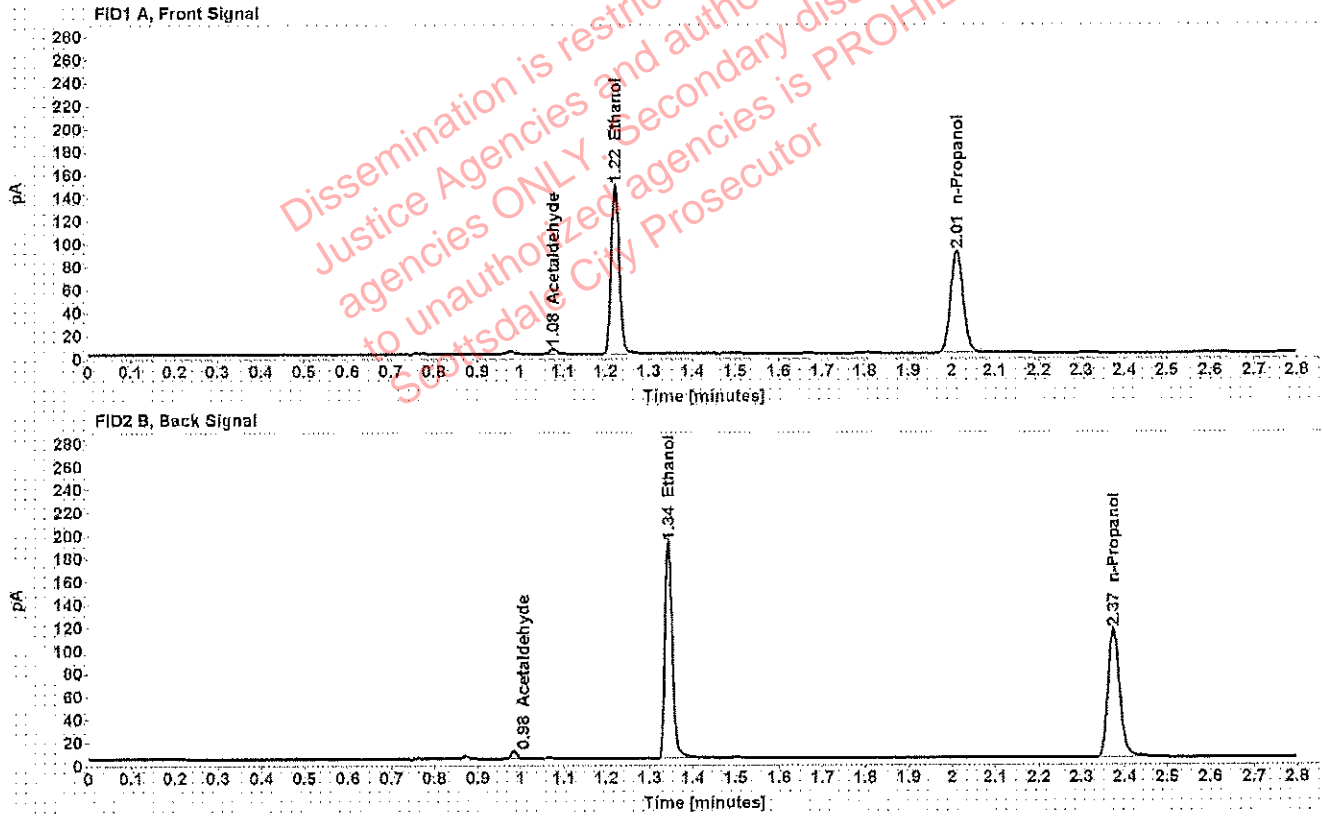


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	4.650
>Ethanol	0.2857	1.222	188.557
n-Propanol	-----	2.012	181.209

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.849
Ethanol	1.343	225.867
n-Propanol	2.374	214.798

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> [REDACTED]	<b>Item number:</b> 1211361
<b>Injection date:</b> 4/25/2018 12:31:32 PM	<b>Vial:</b> 46
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25Apr18
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Adrian
<b>Data file:</b> C:\Chem321\Data\25Apr18\46.D	

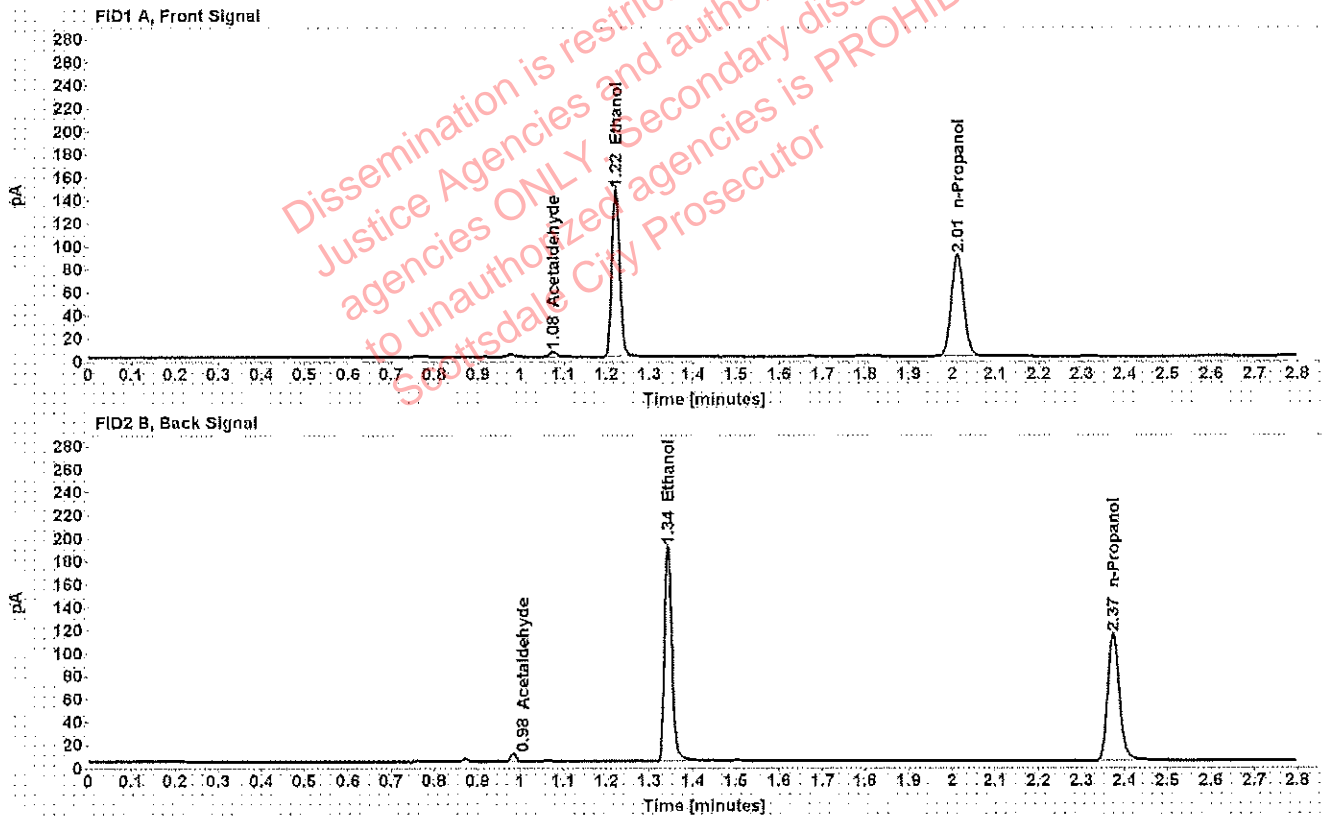


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	4.662
>Ethanol	0.2850	1.222	187.398
n-Propanol	-----	2.012	180.559

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.882
Ethanol	1.342	224.034
n-Propanol	2.374	213.962

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1205448
Injection date: 4/25/2018 12:35:32 PM	Vial: 47
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\25Apr18\47.D	

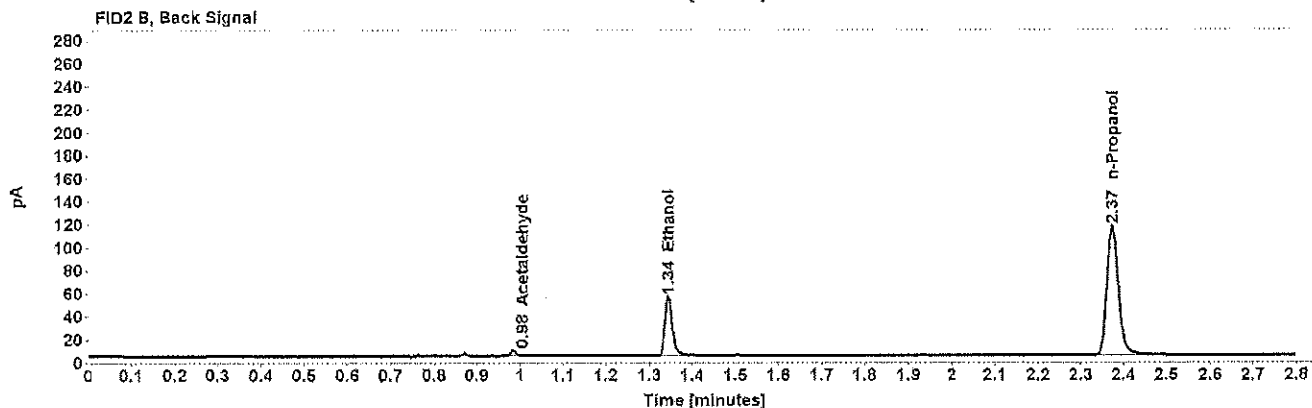
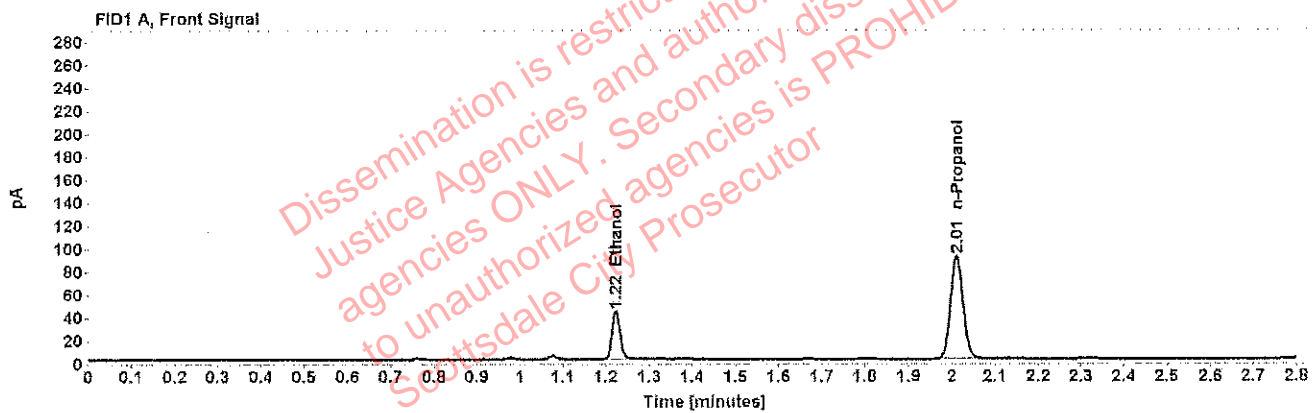


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0815	1.223	53.865
n-Propanol	-----	2.012	182.679

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	4.281
Ethanol	1.344	62.982
n-Propanol	2.374	216.099



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1205448
Injection date: 4/25/2018 12:39:32 PM	Vial: 48
Method: ethanol quant.M	Sequence: 25Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\25Apr18\48.D	

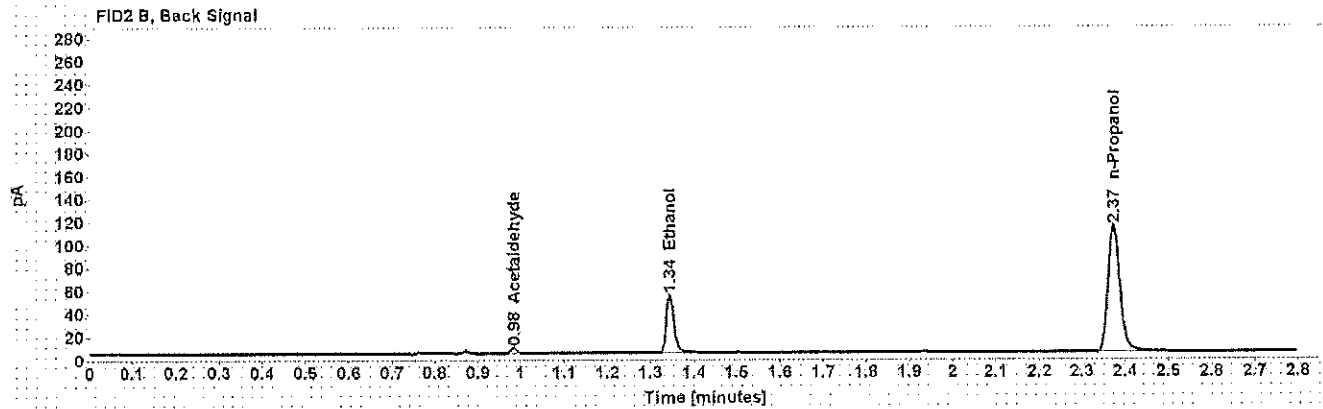
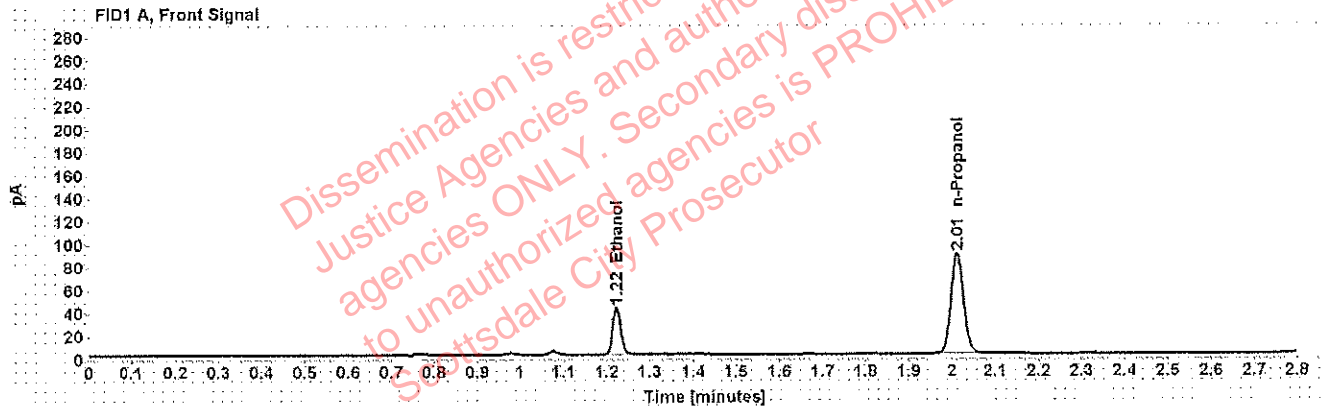


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0813	1.223	52.509
n-Propanol	-----	2.012	178.627

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.281
Ethanol	1.344	61.437
n-Propanol	2.374	211.372