

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 8/20/19 SEQUENCE NAME 20Aug19

### 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 FN02271802 0.99994  
 Vial 3 0.20 calibrator Lot FN06231704  
 Vial 4 0.40 calibrator Lot FN05131606

### CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	blank	Not detected	Not detected	SPD lab 061219
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 070819
7	Aqueous control	0.400 g/dL	0.399 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	0.198 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.150 g/dL	0.150 g/dL	Lipomed 09022015-C
42	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/13
53	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 08012015-C
54	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
55	Blood control	0.198 g/dL	0.198 g/dL	ACQ 407041529/13
56	blank	Not detected	Not detected	SPD Lab 040919WB

### SUBJECT SAMPLES

Subjects in the sequence 20 Subjects requiring reanalysis 0

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

Run valid  Run invalid  KOSECKI 8/20/19 Analyst  
 Run valid  Run invalid  Paines 01466 8/22/19 Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

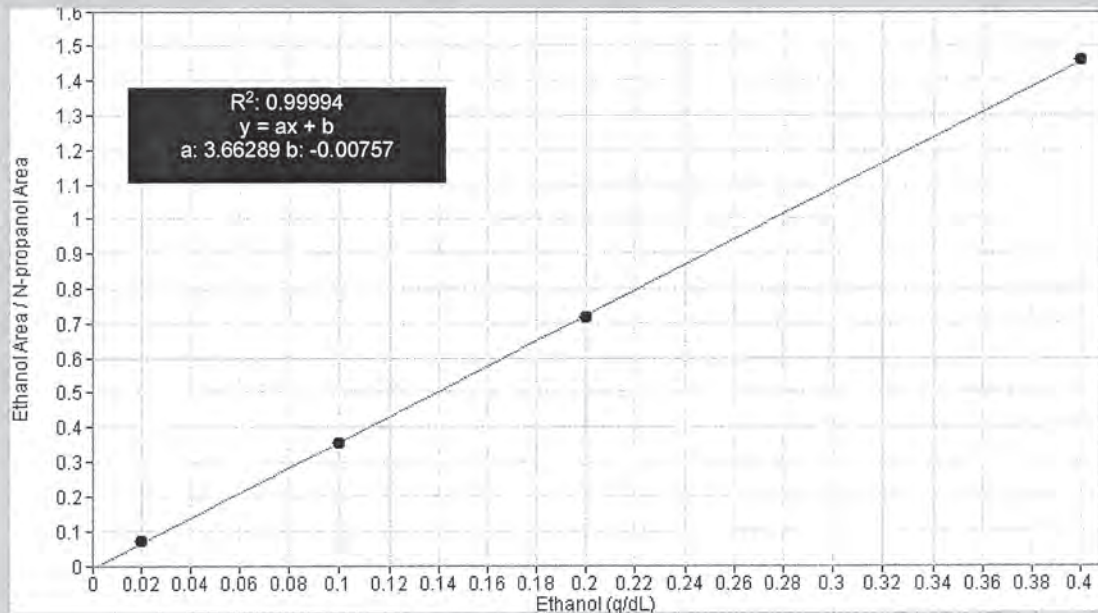
SEQUENCE NAME: 20Aug19

ANALYST: Kosecki *AK*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 061219	5	negative	negative	-	-
0.400 08012015-C	7	0.399	0.400	0.25	-0.001
0.040 09022015-A	8	0.040	0.040	0.00	0.000
0.198 407041529/13	9	0.198	0.198	0.00	0.000
0.080 03102016-A/1	20	0.080	0.080	0.00	0.000
0.150 09022015-C	31	0.150	0.150	0.00	0.000
0.198 407041529/13	42	0.199	0.198	0.51	0.001
0.40 08012015-C	53	0.399	0.400	0.25	-0.001
0.04 09022015-A	54	0.040	0.040	0.00	0.000
0.198 407041529/13	55	0.198	0.198	0.00	0.000
blank 040919WB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.561	178.928	0.070
0.100	61.435	172.169	0.357
0.200	121.728	169.236	0.719
0.400	261.622	179.108	1.461

**Calibration Line**



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03241604	Vial: 1
Description: 0.020 calibrator	Sequence: 20Aug19
Method: ethanol quant.M	Injection date: 8/20/2019 12:47:46 PM
Instrument: US14173023 CN14160045	Analyst: Kosecki <i>K</i>
Data file: C:\Chem32\1\Data\20Aug19\1.D	

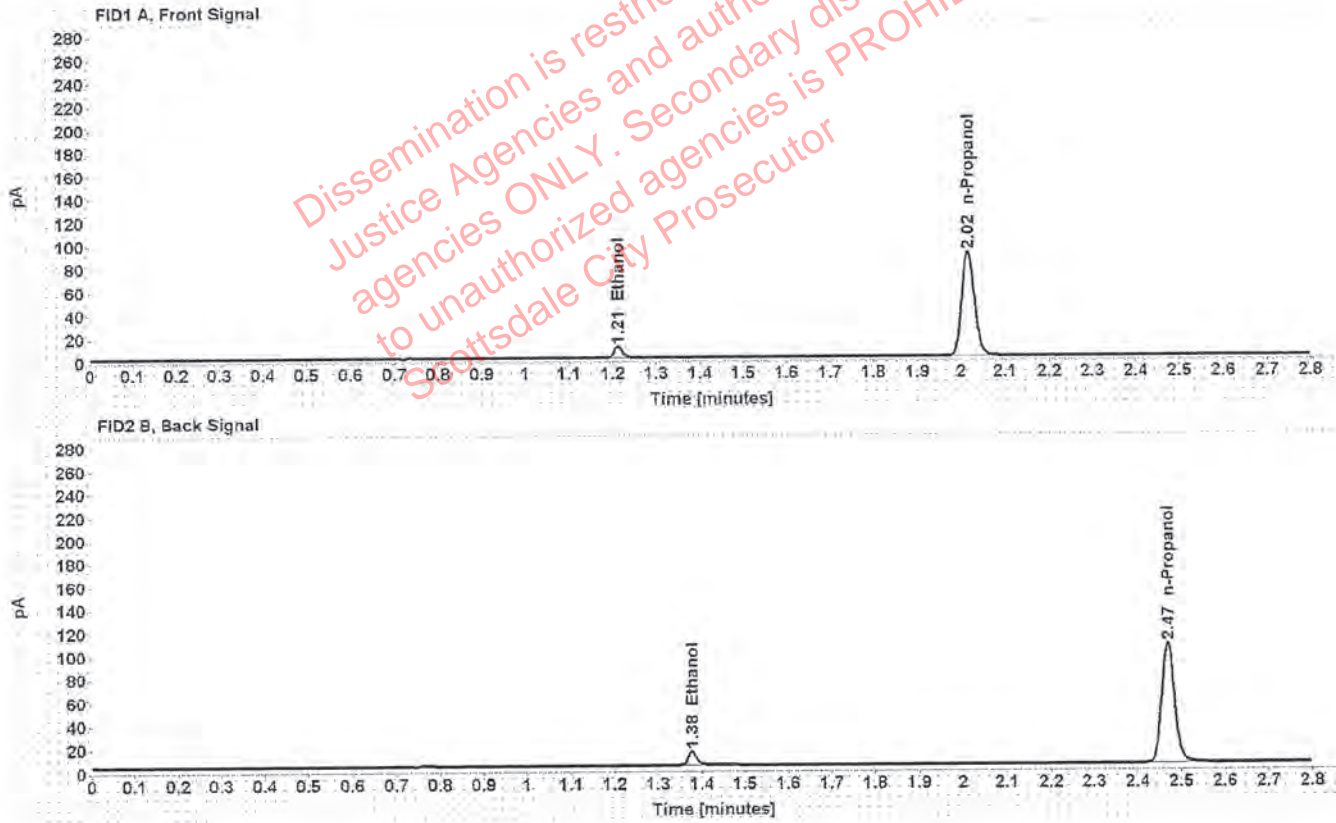


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	12.561
n-Propanol	2.015	178.928

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

Compound	Time (min)	Peak Area
Ethanol	1.377	15.109
n-Propanol	2.469	212.704

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02271802	Vial: 2
Description: 0.100 calibrator	Sequence: 20Aug19
Method: ethanol quant.M	Injection date: 8/20/2019 12:51:47 PM
Instrument: US14173023 CN14160045	Analyst: Kosecki <i>K</i>
Data file: C:\Chem32\1\Data\20Aug19\2.D	

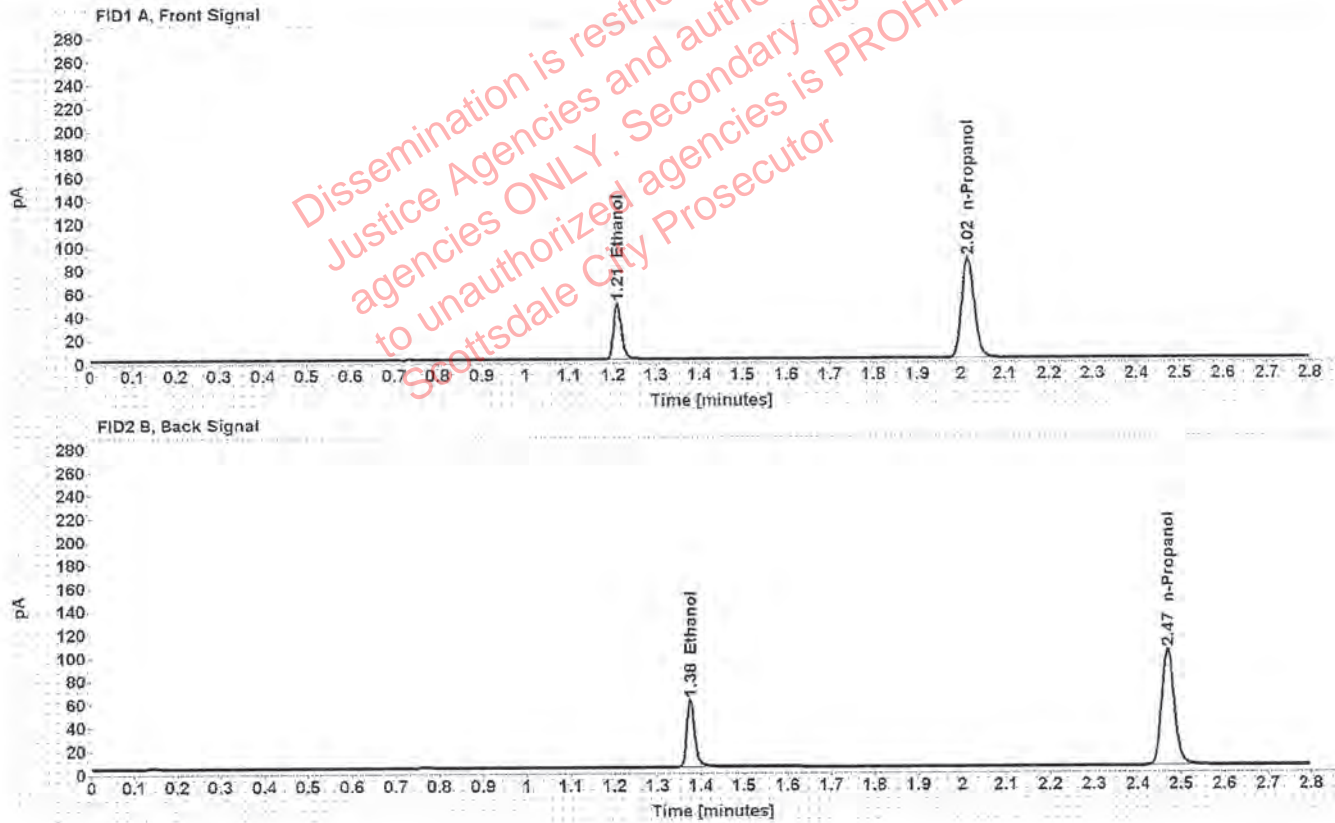


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	61.435
n-Propanol	2.015	172.169

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

Compound	Time (min)	Peak Area
Ethanol	1.376	74.753
n-Propanol	2.469	205.409

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06231704	Vial: 3
Description: 0.200 calibrator	Sequence: 20Aug19
Method: ethanol quant.M	Injection date: 8/20/2019 12:55:48 PM
Instrument: US14173023 CN14160045	Analyst: Kosecki <i>K</i>
Data file: C:\Chem32\1\Data\20Aug19\3.D	

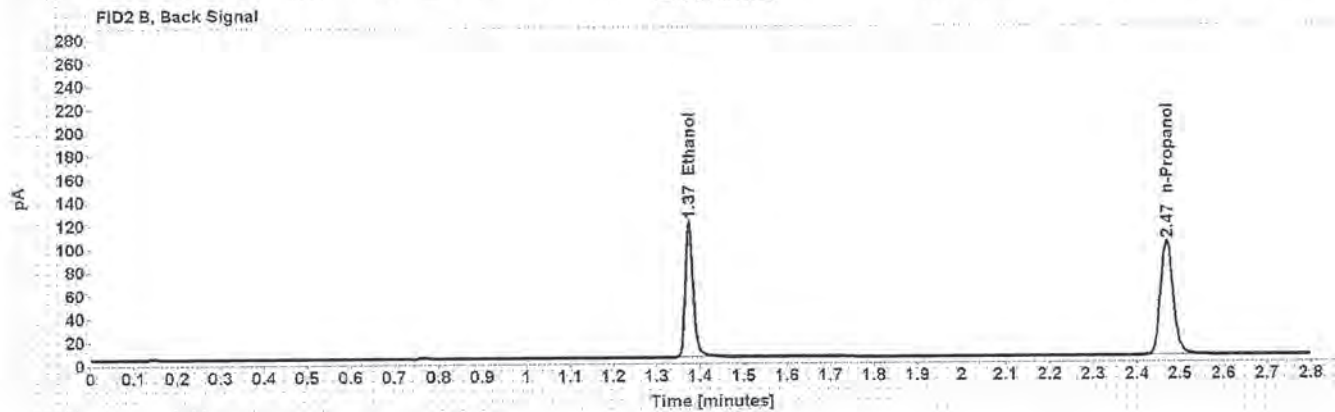
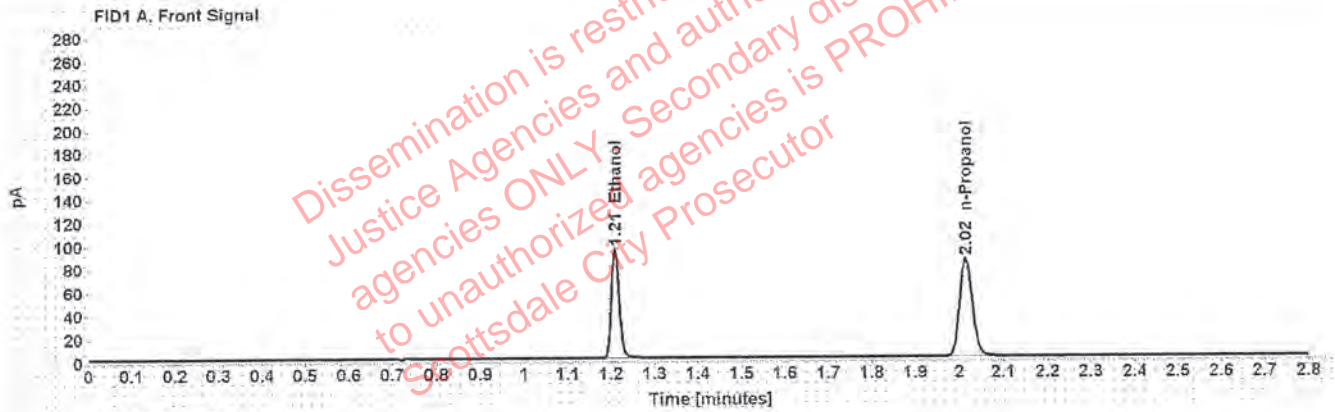


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	121.728
n-Propanol	2.015	169.236

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

Compound	Time (min)	Peak Area
Ethanol	1.375	149.325
n-Propanol	2.469	202.669

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05131606	Vial: 4
Description: 0.400 calibrator	Sequence: 20Aug19
Method: ethanol quant.M	Injection date: 8/20/2019 12:59:47 PM
Instrument: US14173023 CN14160045	Analyst: Kosecki
Data file: C:\Chem32\1\Data\20Aug19\4.D	

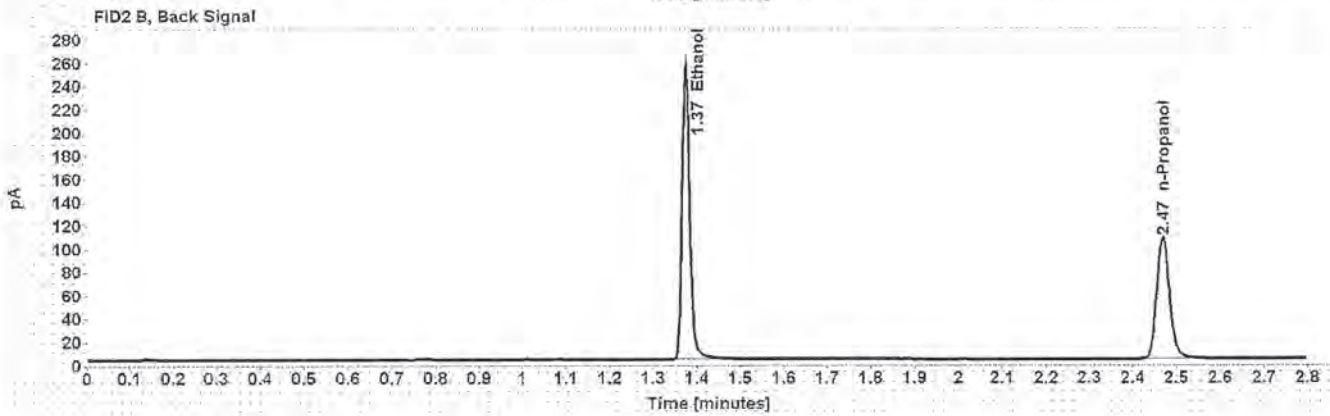
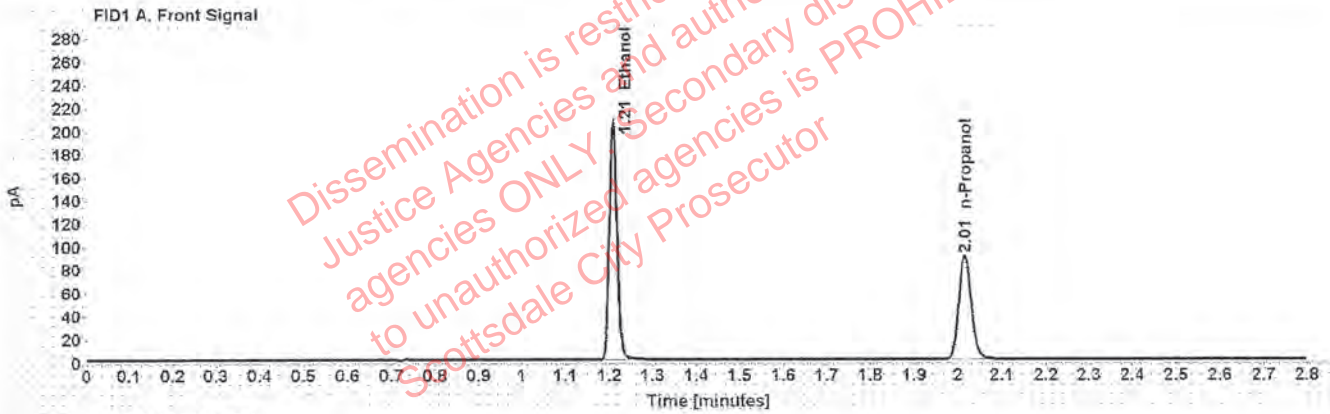


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	261.622
n-Propanol	2.015	179.108

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

Compound	Time (min)	Peak Area
Ethanol	1.375	321.951
n-Propanol	2.469	215.229

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 061219	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 20Aug19
Instrument: US14173023 CN14160045	Injection date: 8/20/2019 1:03:49 PM
Data file: C:\Chem32\1\Data\20Aug19\5.D	Analyst: Kosecki <span style="float: right;">↖</span>

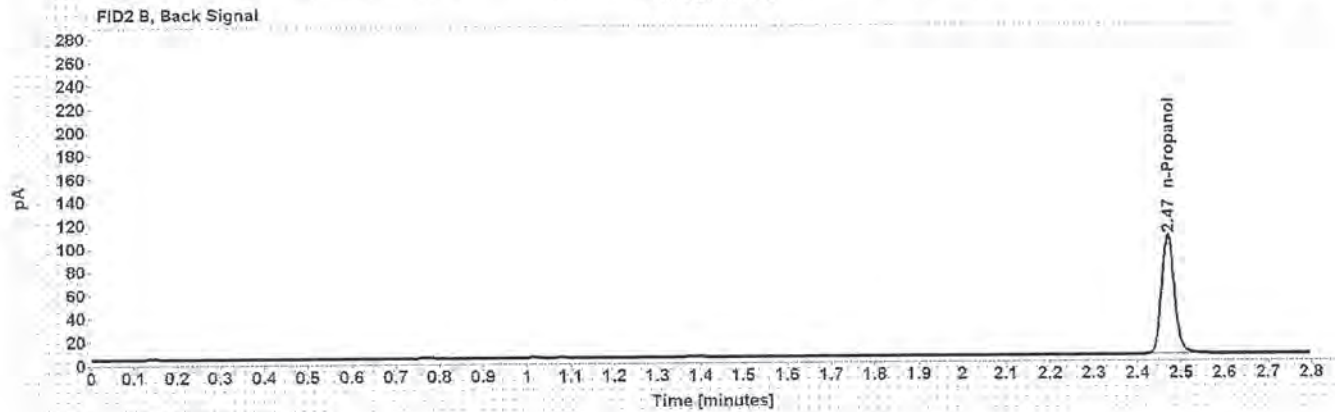
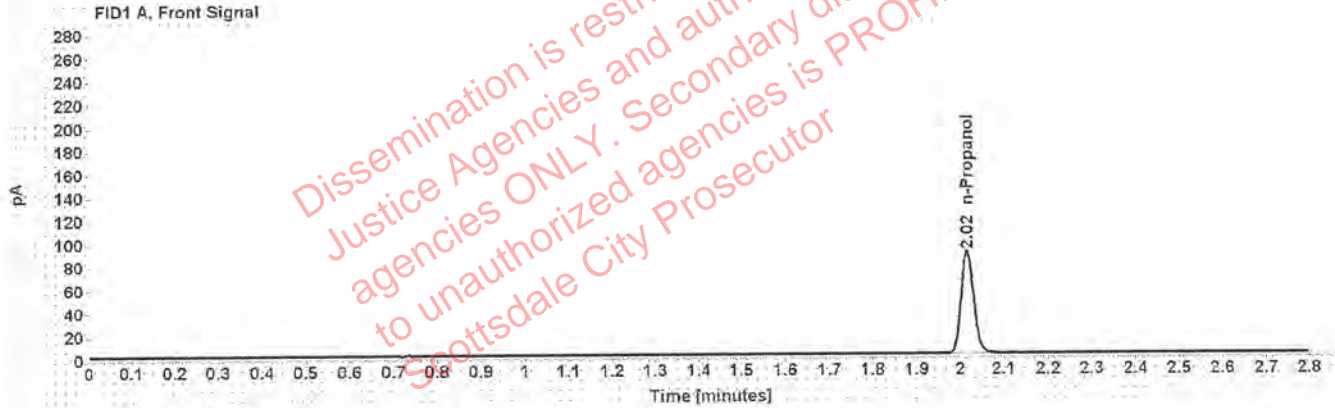


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	176.135

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	210.476

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 070819	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant M	Sequence: 20Aug19
Instrument: US14173023 CN14160045	Injection date: 8/20/2019 1:07:48 PM
Data file: C:\Chem32\1\Data\20Aug19\6.D	Analyst: Kosecki <i>K</i>

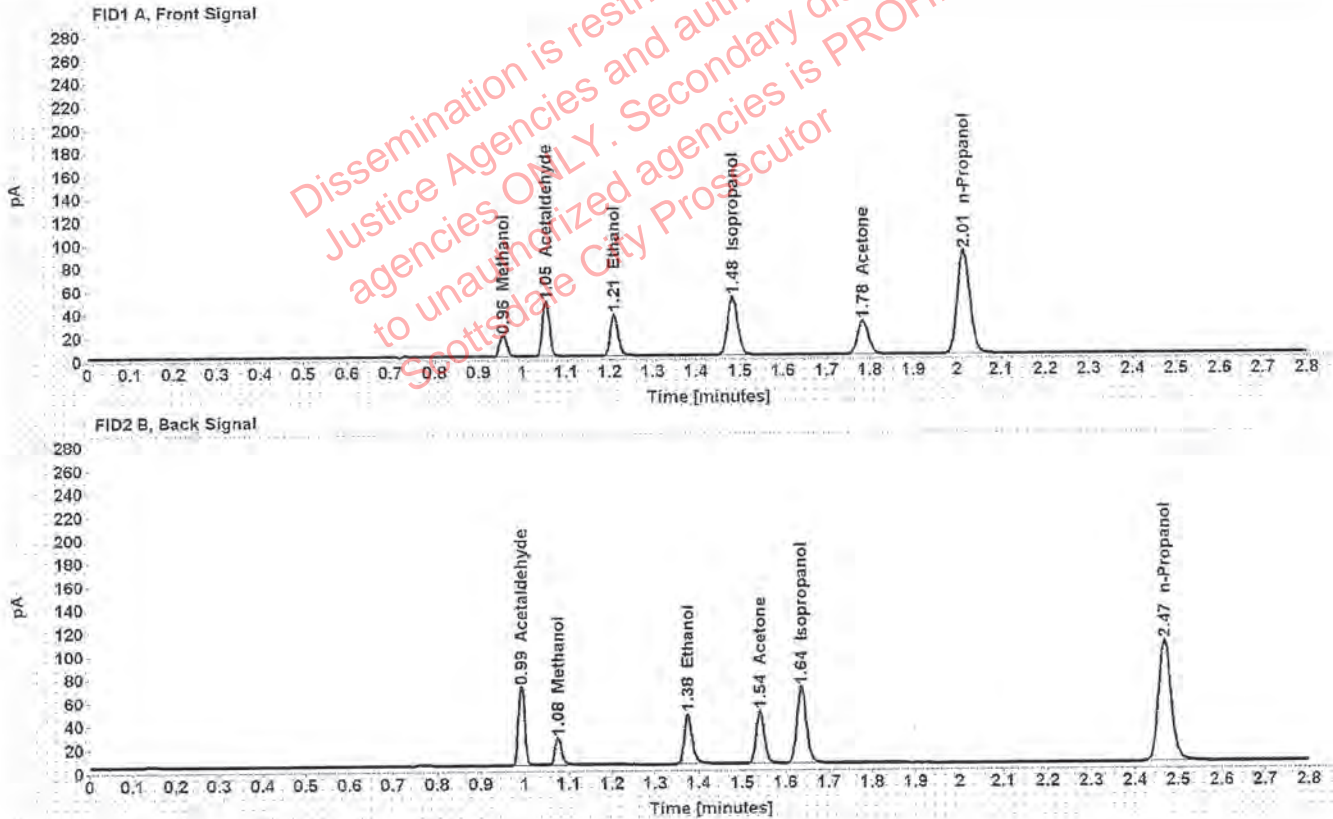


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	20.428
Acetaldehyde	-----	1.054	52.287
>Ethanol	0.0726	1.210	46.153
Isopropanol	-----	1.483	80.830
Acetone	-----	1.783	50.009
n-Propanol	-----	2.015	178.566

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	67.503
Methanol	1.077	26.043
Ethanol	1.375	56.203
Acetone	1.541	60.308
Isopropanol	1.637	101.458
n-Propanol	2.469	214.783



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 08012015-C	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 20Aug19
Instrument: US14173023 CN14160045	Injection date: 8/20/2019 1:12:03 PM
Data file: C:\Chem32\1\Data\20Aug19\7.D	Analyst: Kosecki <i>K</i>

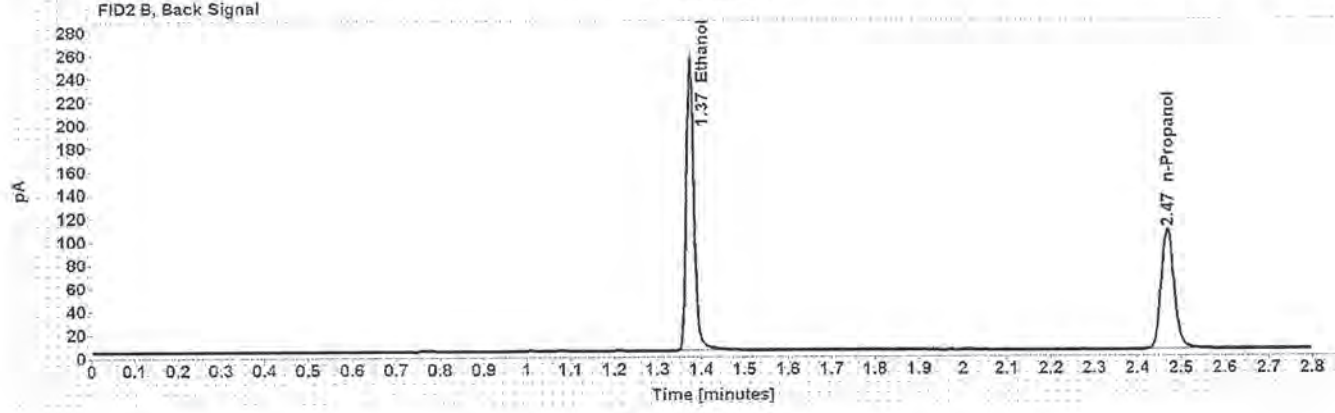
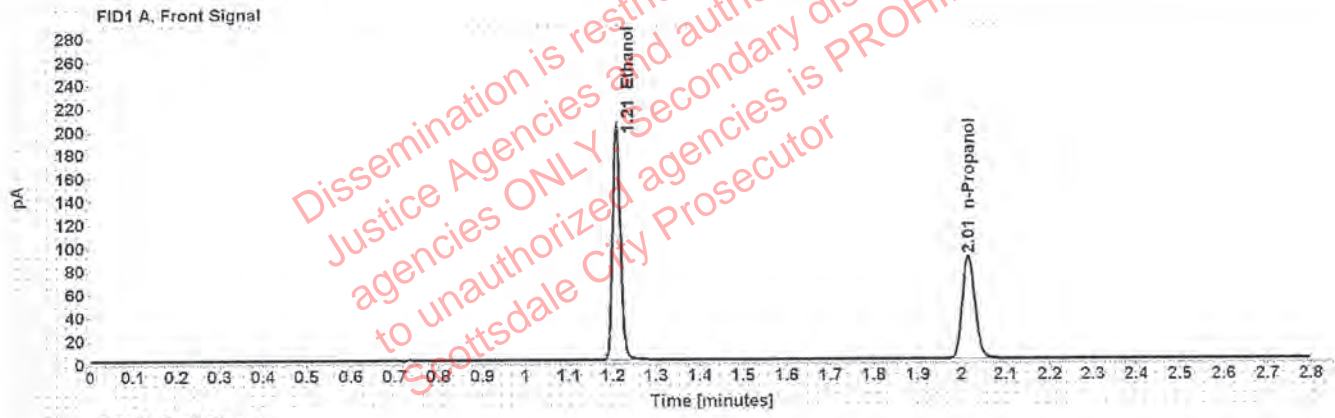


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3991	1.208	257.845
n-Propanol	-----	2.015	177.299

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

Compound	Time (min)	Peak Area
Ethanol	1.375	318.596
n-Propanol	2.469	212.783

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 09022015-A	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 20Aug19
Instrument: US14173023 CN14160045	Injection date: 8/20/2019 1:16:03 PM
Data file: C:\Chem32\1\Data\20Aug19\8.D	Analyst: Kosecki <i>K</i>

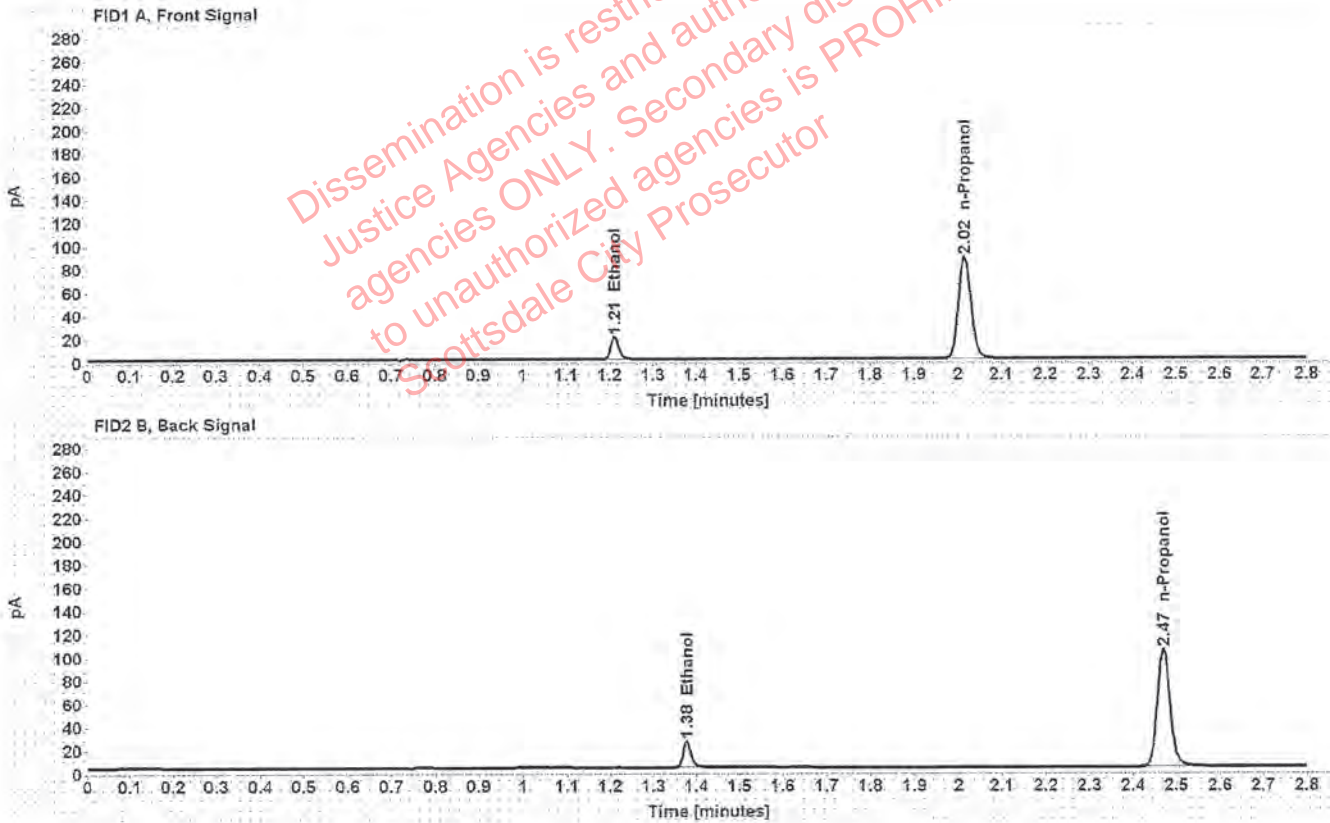


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0406	1.211	24.672
n-Propanol	-----	2.015	174.910

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

Compound	Time (min)	Peak Area
Ethanol	1.377	29.910
n-Propanol	2.469	209.017

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 20Aug19
Instrument: US14173023 CN14160045	Injection date: 8/20/2019 1:20:02 PM
Data file: C:\Chem32\1\Data\20Aug19\9.D	Analyst: Kosecki

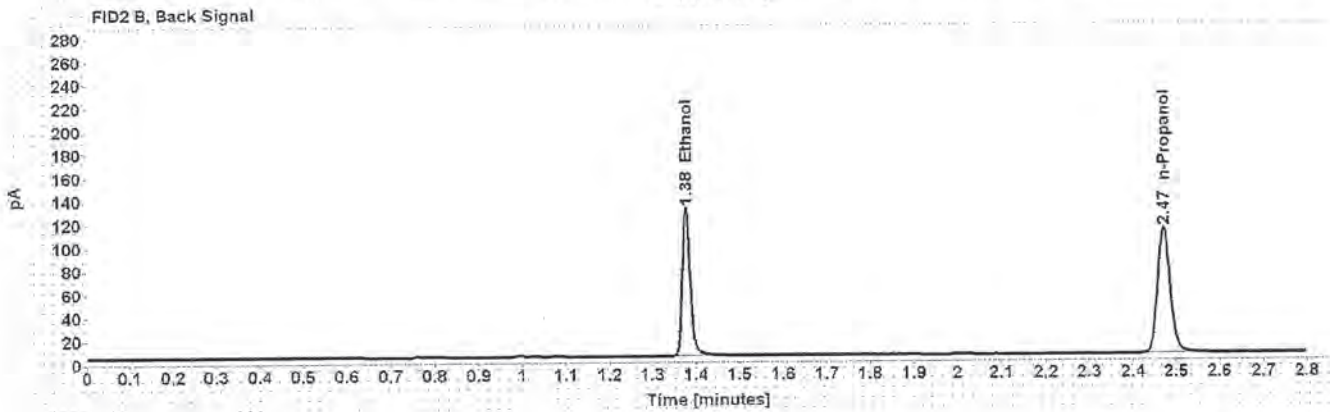
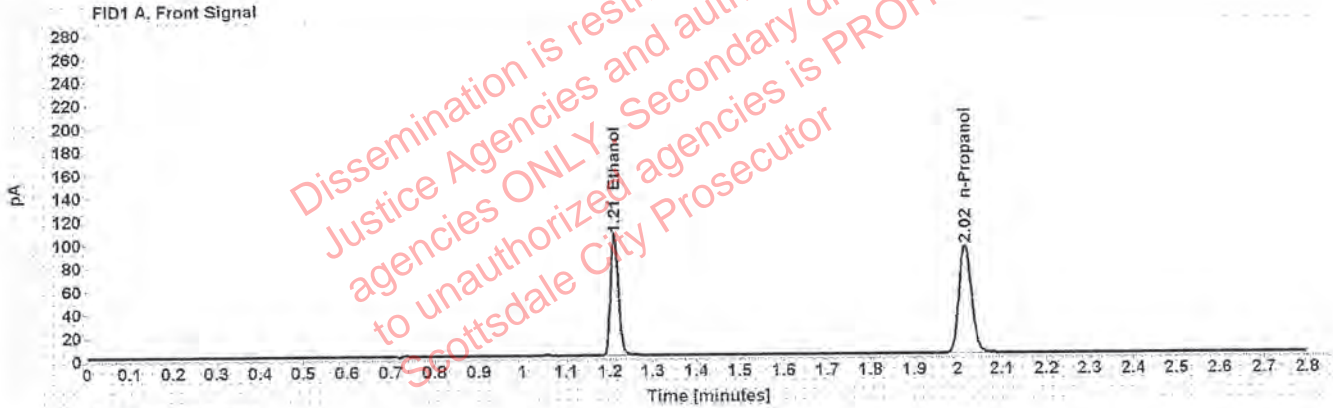


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1985	1.210	133.665
n-Propanol	-----	2.016	185.801

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

Compound	Time (min)	Peak Area
Ethanol	1.378	163.949
n-Propanol	2.472	222.724

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 20Aug19
Instrument: US14173023 CN14160045	Injection date: 8/20/2019 2:04:32 PM
Data file: C:\Chem32\1\Data\20Aug19\20.D	Analyst: Kosecki <span style="float: right;">AK</span>

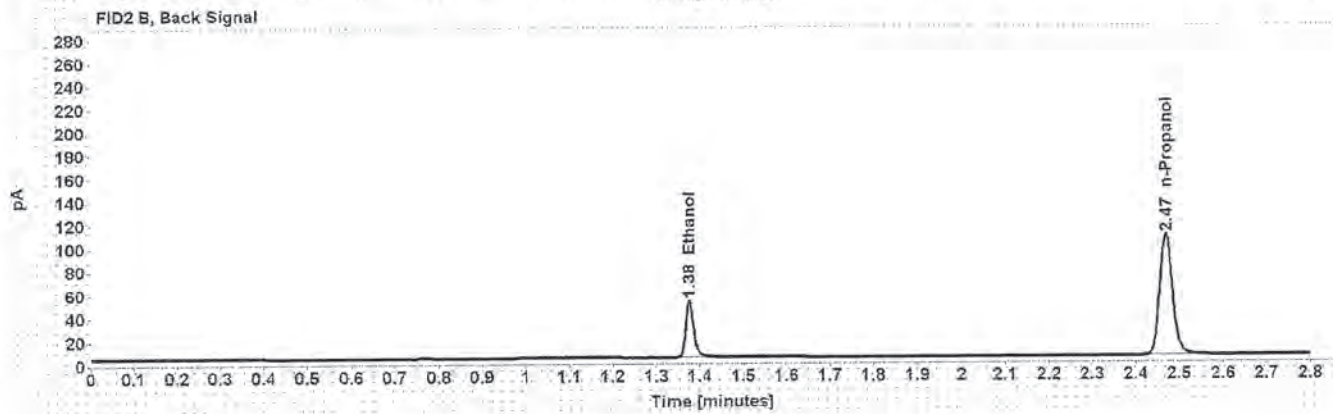
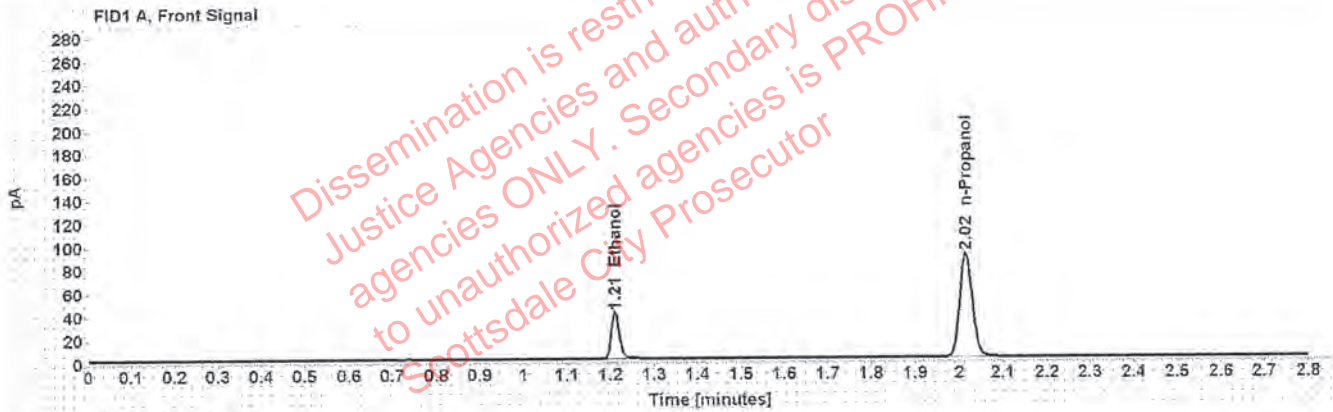


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0809	1.210	51.690
n-Propanol	-----	2.015	178.932

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

Compound	Time (min)	Peak Area
Ethanol	1.376	63.111
n-Propanol	2.470	214.659

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	09022015-C	Vial:	31
Description:	0.150	LIMS ID:	
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 2:49:03 PM
Data file:	C:\Chem32\1\Data\20Aug19\31.D	Analyst:	Kosecki <i>AK</i>

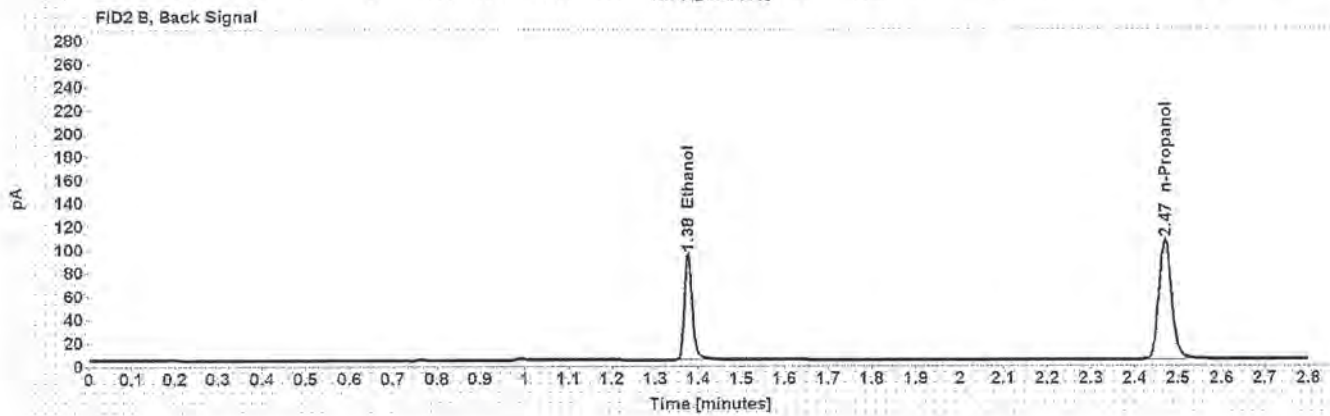
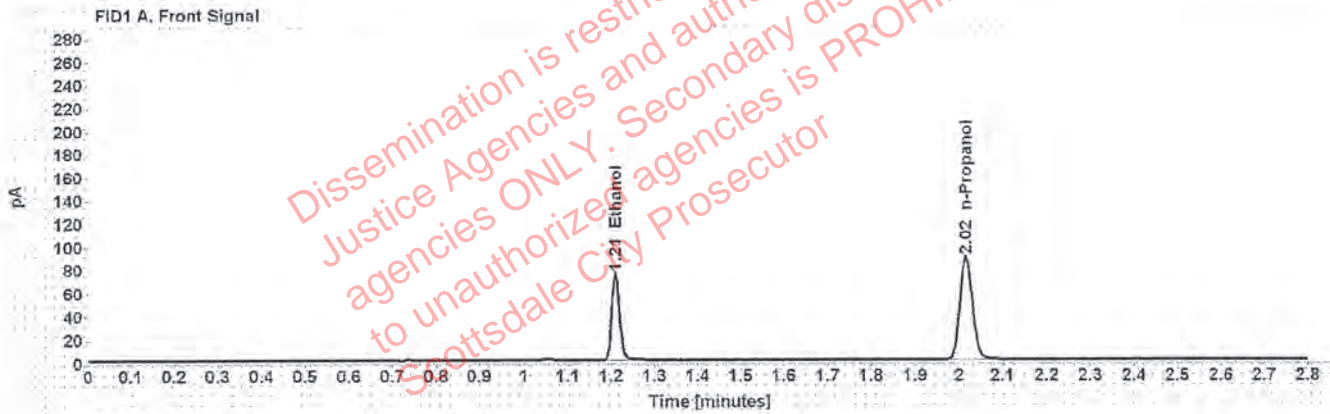


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1500	1.210	95.924
n-Propanol	-----	2.015	177.081

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

Compound	Time (min)	Peak Area
Ethanol	1.376	117.564
n-Propanol	2.470	212.706

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	407041529/13	Vial:	42
Description:	0.198	LIMS ID:	
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 3:33:19 PM
Data file:	C:\Chem32\11\Data\20Aug19\42.D	Analyst:	Kosecki <i>AK</i>

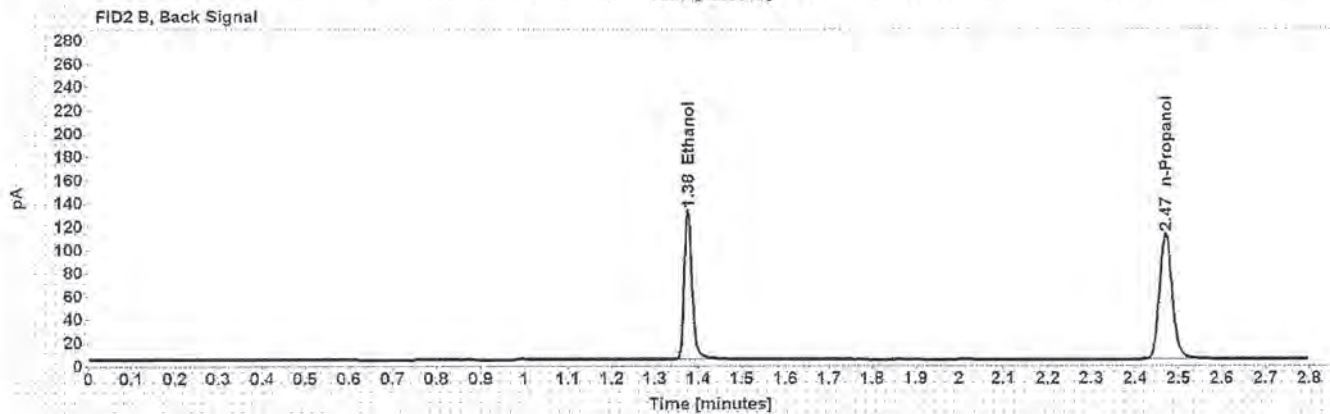
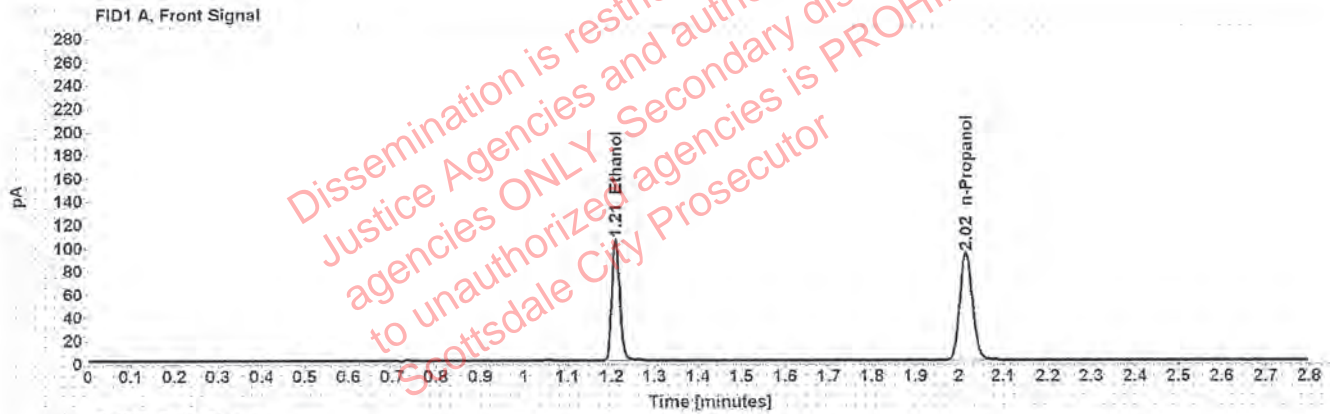


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1995	1.209	134.490
n-Propanol	-----	2.015	185.927

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

Compound	Time (min)	Peak Area
Ethanol	1.376	165.351
n-Propanol	2.470	223.936

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 08012015-C	Vial: 53
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 20Aug19
Instrument: US14173023 CN14160045	Injection date: 8/20/2019 4:17:48 PM
Data file: C:\Chem32\1\Data\20Aug19\53.D	Analyst: Kosecki <i>AK</i>

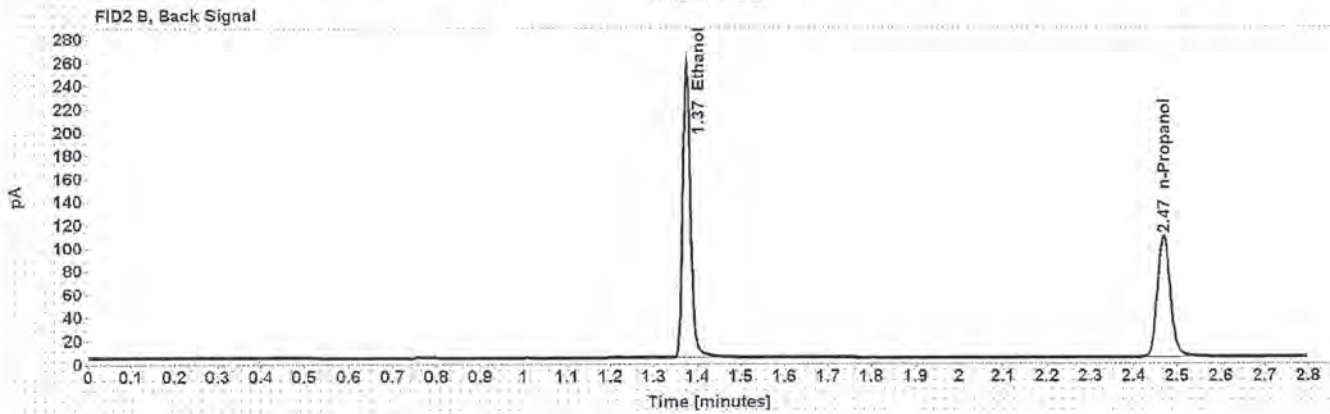
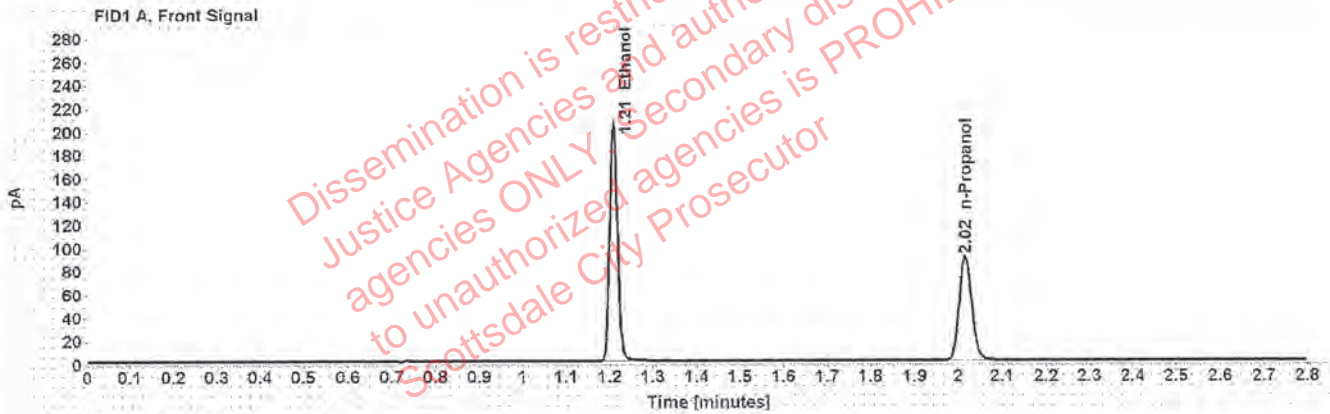


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3998	1.209	260.453
n-Propanol	-----	2.015	178.791

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

Compound	Time (min)	Peak Area
Ethanol	1.375	321.630
n-Propanol	2.470	215.916

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 09022015-A	Vial: 54
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 20Aug19
Instrument: US14173023 CN14160045	Injection date: 8/20/2019 4:21:48 PM
Data file: C:\Chem32\1\Data\20Aug19\54.D	Analyst: Kosecki <i>K</i>

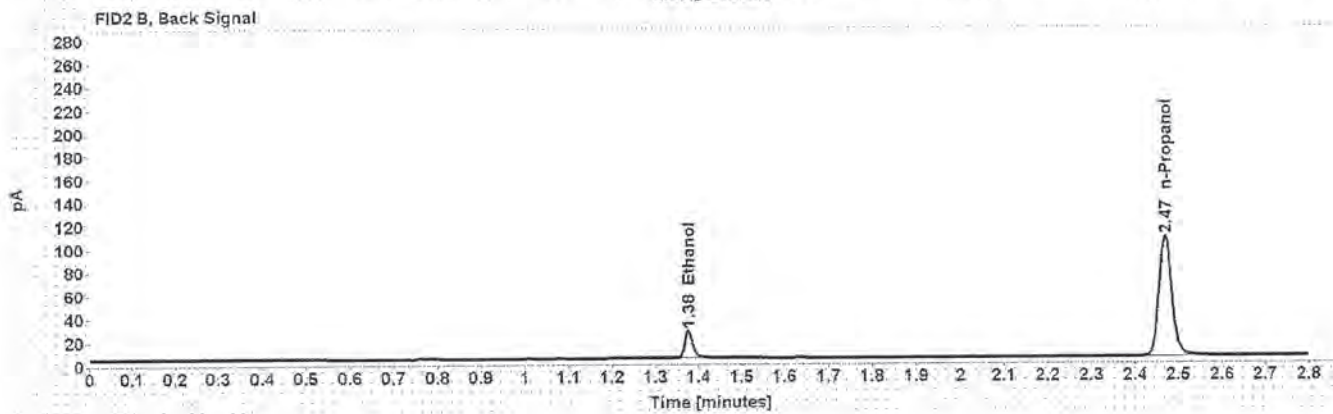
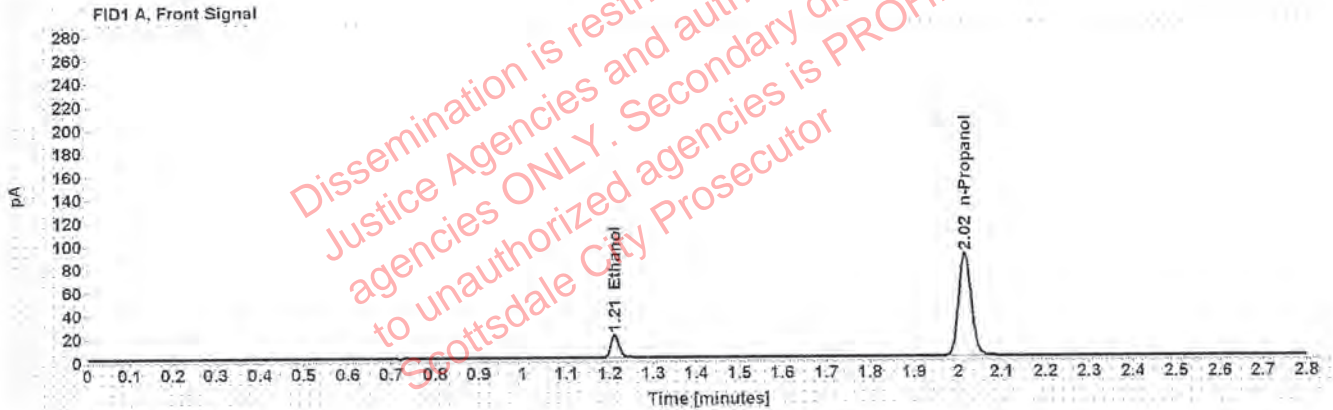


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0407	1.211	25.159
n-Propanol	-----	2.015	177.733

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

Compound	Time (min)	Peak Area
Ethanol	1.376	30.774
n-Propanol	2.469	213.834



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 55
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 20Aug19
Instrument: US14173023 CN14160045	Injection date: 8/20/2019 4:26:02 PM
Data file: C:\Chem32\1\Data\20Aug19\55.D	Analyst: Kosecki <i>K</i>

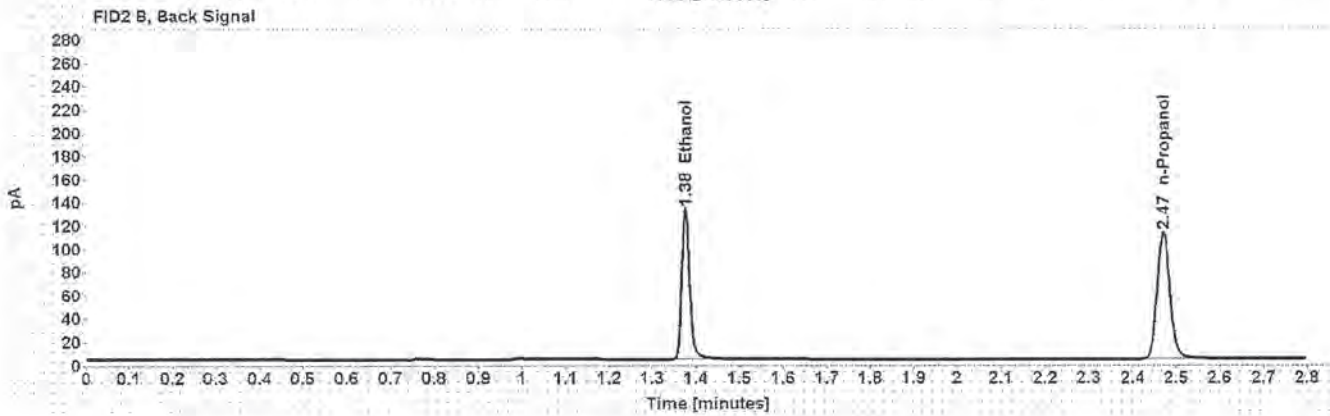
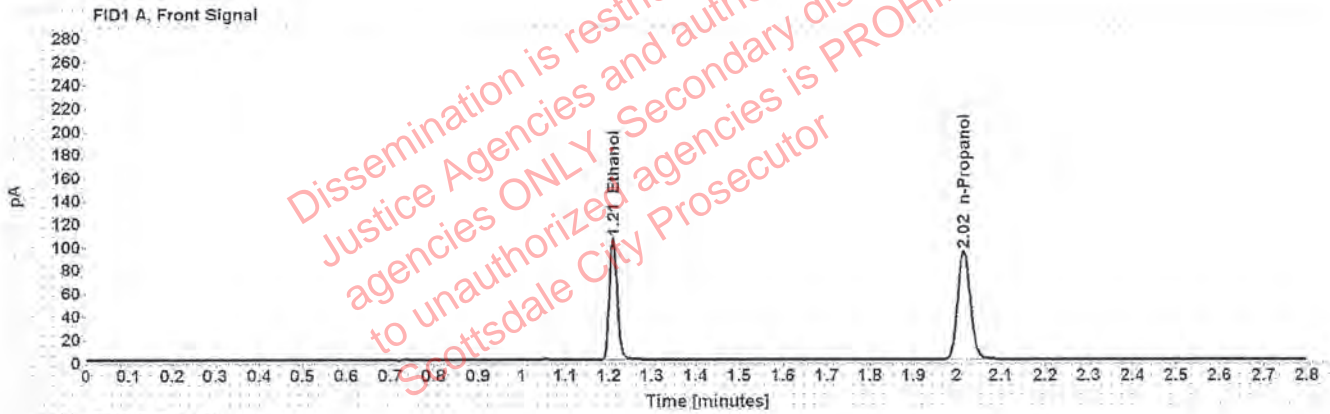


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1986	1.210	135.090
n-Propanol	-----	2.016	187.654

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

Compound	Time (min)	Peak Area
Ethanol	1.376	166.178
n-Propanol	2.470	225.920

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 040919WB	Vial: 56
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 20Aug19
Instrument: US14173023 CN14160045	Injection date: 8/20/2019 4:30:03 PM
Data file: C:\Chem32\1\Data\20Aug19\56.D	Analyst: Kosecki <i>K</i>

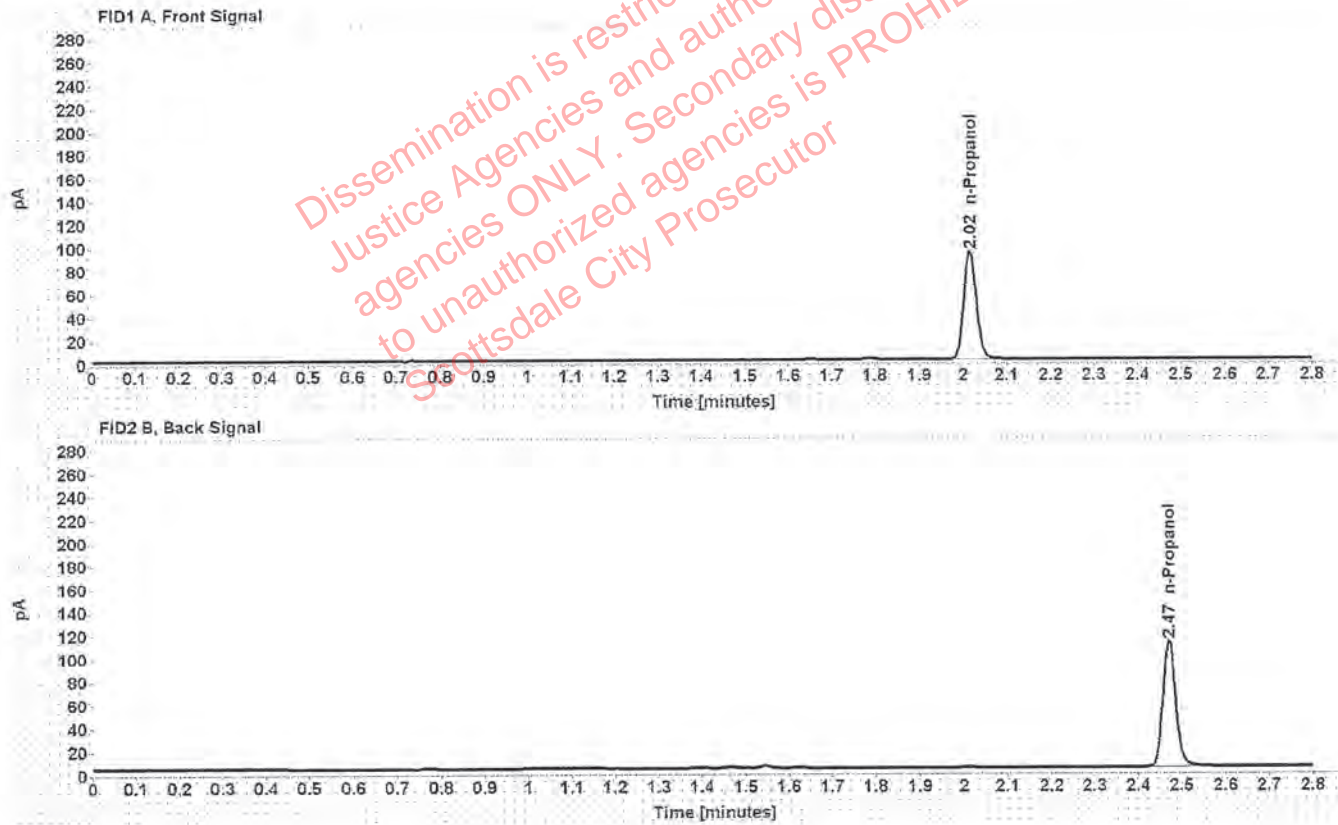


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	185.972

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	223.544

# Sequence Summary

Sequence name: 20Aug19      Instrument: US14173023 CN14160045      Analyst: Kosecki *AK*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03241604	0.020 calibrator	Calibration		ethanol quant.M
2	FN02271802	0.100 calibrator	Calibration		ethanol quant.M
3	FN06231704	0.200 calibrator	Calibration		ethanol quant.M
4	FN05131606	0.400 calibrator	Calibration		ethanol quant.M
5	061219	Negative	Control		ethanol quant.M
6	070819	Volatiles mix	Control		ethanol quant.M
7	08012015-C	0.400	Control		ethanol quant.M
8	09022015-A	0.040	Control		ethanol quant.M
9	407041529/13	0.198	Control		ethanol quant.M
10	1217239		Sample		ethanol quant.M
11	1217239		Sample		ethanol quant.M
12	1240855		Sample		ethanol quant.M
13	1240855		Sample		ethanol quant.M
14	1263402		Sample		ethanol quant.M
15	1263402		Sample		ethanol quant.M
16	1284006		Sample		ethanol quant.M
17	1284006		Sample		ethanol quant.M
18	1284178		Sample		ethanol quant.M
19	1284178		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1284101		Sample		ethanol quant.M
22	1284101		Sample		ethanol quant.M
23	1281750		Sample		ethanol quant.M
24	1281750		Sample		ethanol quant.M
25	32001CR		Sample		ethanol quant.M
26	32001CR		Sample		ethanol quant.M
27	1280947		Sample		ethanol quant.M
28	1280947		Sample		ethanol quant.M
29	1280787		Sample		ethanol quant.M
30	1280787		Sample		ethanol quant.M
31	09022015-C	0.150	Control		ethanol quant.M
32	1284036		Sample		ethanol quant.M
33	1284036		Sample		ethanol quant.M
34	1284505		Sample		ethanol quant.M
35	1284505		Sample		ethanol quant.M
36	1285167		Sample		ethanol quant.M
37	1285167		Sample		ethanol quant.M
38	1283611		Sample		ethanol quant.M
39	1283611		Sample		ethanol quant.M
40	1282648		Sample		ethanol quant.M
41	1282648		Sample		ethanol quant.M
42	407041529/13	0.198	Control		ethanol quant.M
43	1284804		Sample		ethanol quant.M
44	1284804		Sample		ethanol quant.M
45	1285139		Sample		ethanol quant.M
46	1285139		Sample		ethanol quant.M
47	1282244		Sample		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

R

48	1282244			Sample		ethanol quant.M
49	1282365			Sample		ethanol quant.M
50	1282365			Sample		ethanol quant.M
51	1282071			Sample		ethanol quant.M
52	1282071			Sample		ethanol quant.M
53	08012015-C		0.400	Control		ethanol quant.M
54	09022015-A		0.040	Control		ethanol quant.M
55	407041529/13		0.198	Control		ethanol quant.M
56	040919WB		Negative	Control		ethanol quant.M

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 Scottsdale City Prosecutor

# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 20Aug19

ANALYST: Kosecki *AK*

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0899	0.0902	0.09005	0.17	0.00015
12 13	0.1772	0.1748	0.17600	0.68	0.00120
14 15	0.1029	0.1034	0.10315	0.24	0.00025
16 17	0.0000	0.0000	0.00000	0.00	0.00000
18 19	0.1865	0.1883	0.18740	0.48	0.00090
21 22	0.2714	0.2701	0.27075	0.24	0.00065
23 24	0.1840	0.1878	0.18590	1.02	0.00190
25 26	0.0357	0.0347	0.03520	1.42	0.00050
27 28	0.1454	0.1440	0.14470	0.48	0.00070
29 30	0.2017	0.2025	0.20210	0.20	0.00040
32 33	0.1771	0.1769	0.17700	0.06	0.00010
34 35	0.1298	0.1296	0.12970	0.08	0.00010
36 37	0.0924	0.0915	0.09195	0.49	0.00045
38 39	0.0856	0.0849	0.08525	0.41	0.00035
40 41	0.1815	0.1839	0.18270	0.66	0.00120
43 44	0.0632	0.0624	0.06280	0.64	0.00040
45 46	0.2449	0.2428	0.24385	0.43	0.00105
47 48	0.2735	0.2729	0.27320	0.11	0.00030
49 50	0.2385	0.2375	0.23800	0.21	0.00050
51 52	0.2304	0.2318	0.23110	0.30	0.00070

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



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1217239	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 1:24:03 PM
Data file:	C:\Chem32\1\Data\20Aug19\10.D	Analyst:	Kosecki

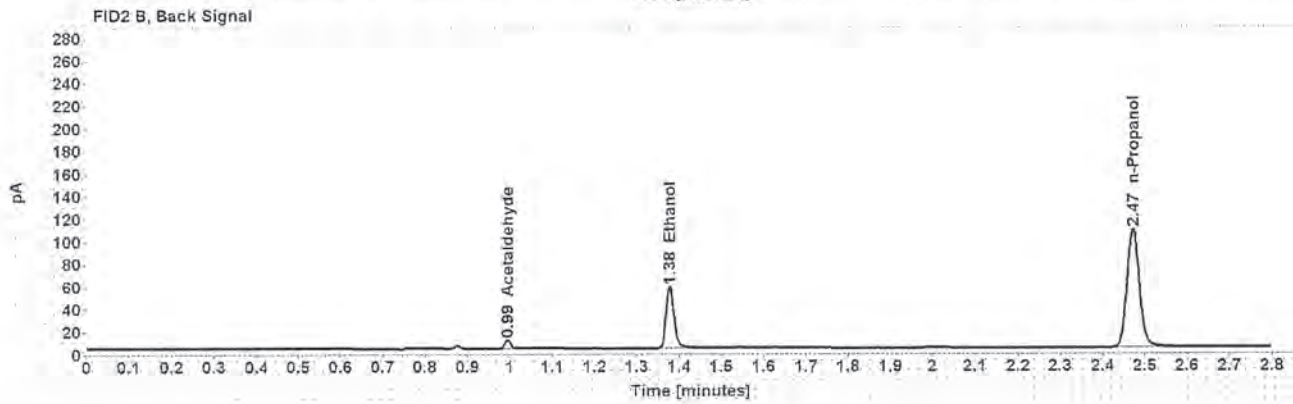
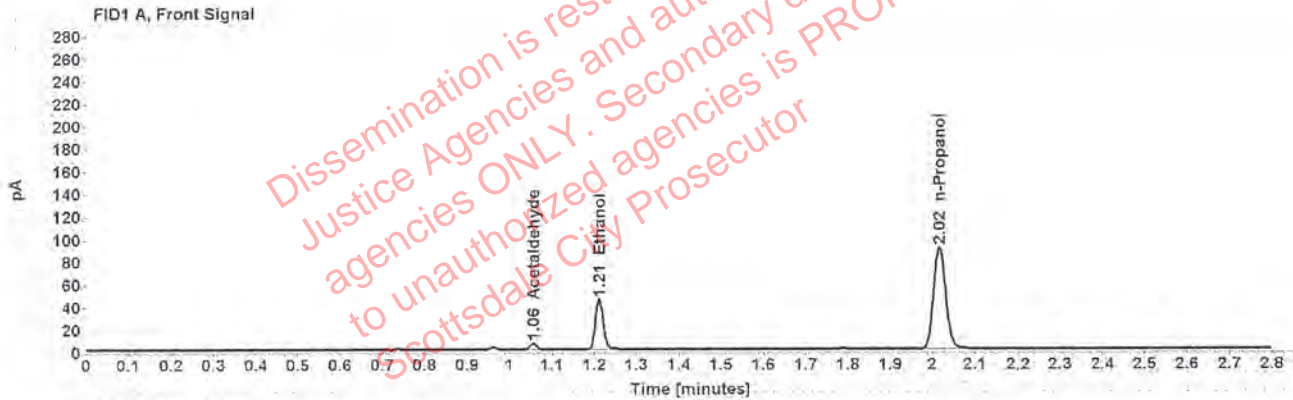


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	5.717
>Ethanol	0.0899	1.211	58.192
n-Propanol	-----	2.017	180.837

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	7.422
Ethanol	1.378	70.389
n-Propanol	2.472	217.077

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1217239	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 1:28:02 PM
Data file:	C:\Chem32\11\Data\20Aug19\11.D	Analyst:	Kosecki

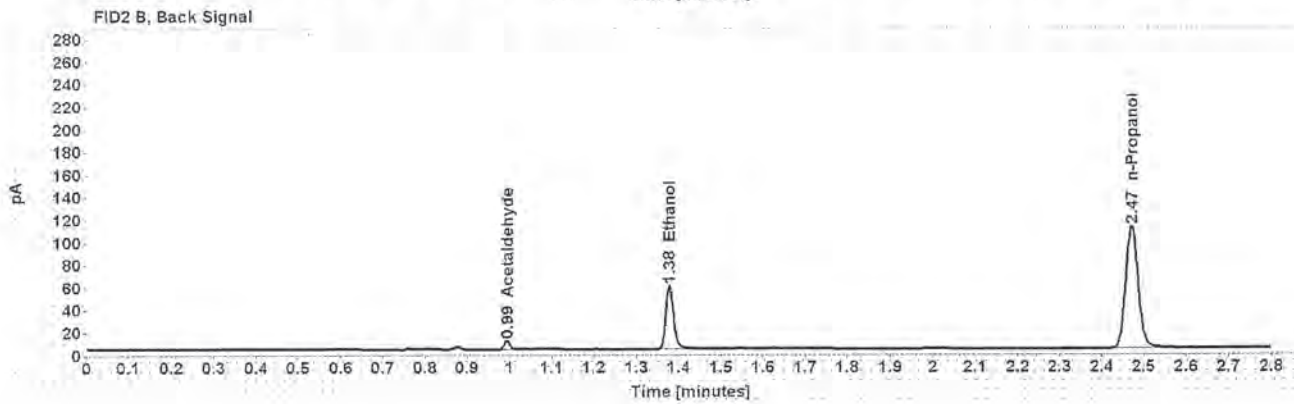
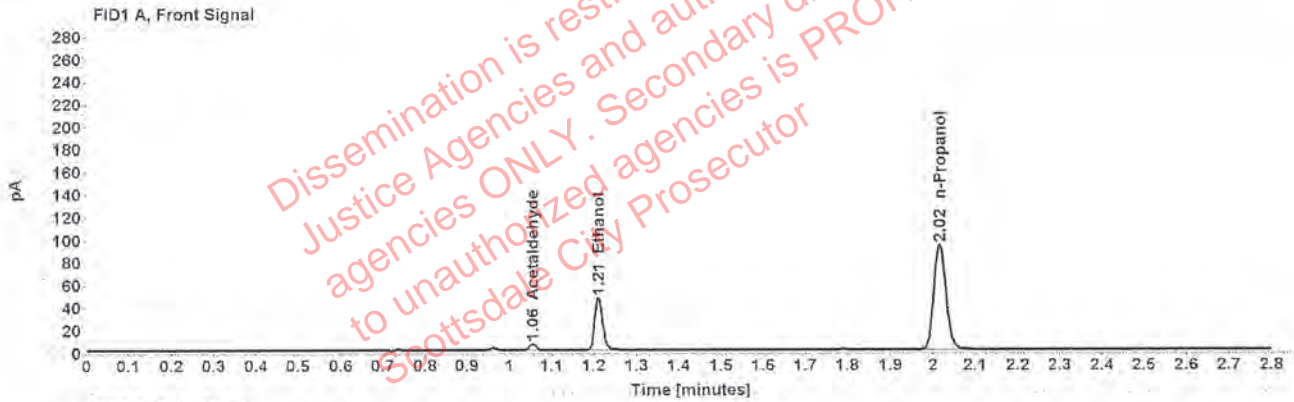


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.706
>Ethanol	0.0902	1.211	60.106
n-Propanol	-----	2.016	186.245

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	7.412
Ethanol	1.378	72.658
n-Propanol	2.471	223.545



Case: [REDACTED] User: pkosecki 8/20/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1240855	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 1:32:02 PM
Data file:	C:\Chem32\1\Data\20Aug19\12.D	Analyst:	Kosecki

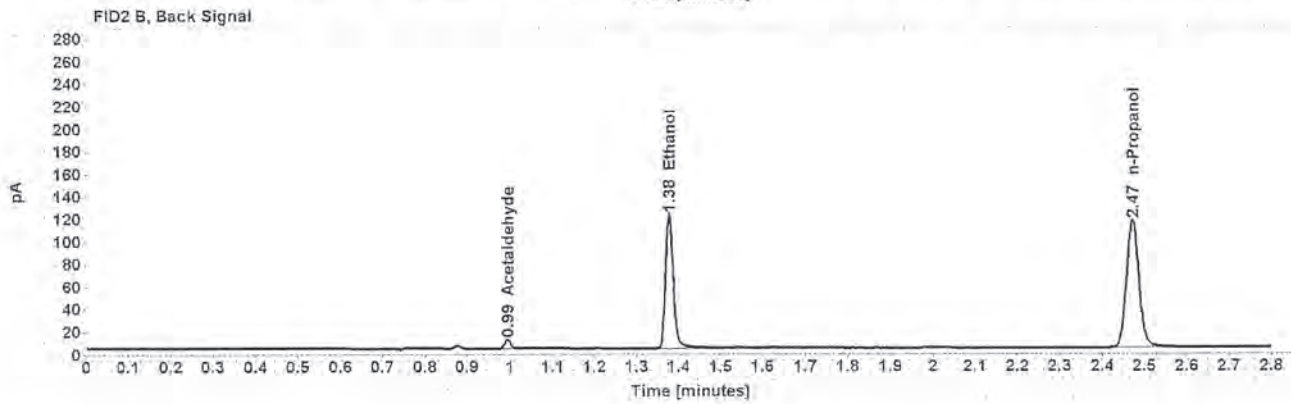
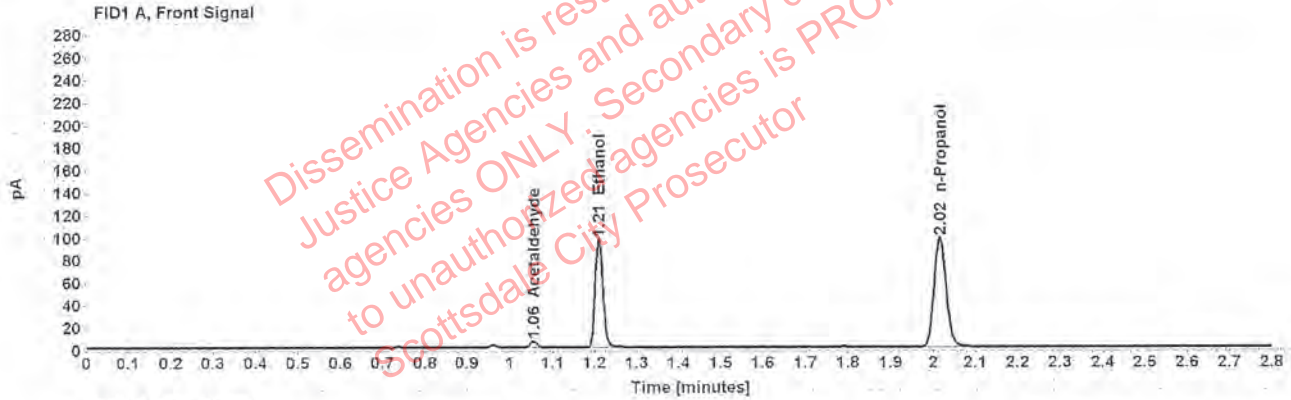


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.870
>Ethanol	0.1772	1.210	124.601
n-Propanol	-----	2.016	194.228

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	7.589
Ethanol	1.377	154.102
n-Propanol	2.471	233.953

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1240855	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 1:36:17 PM
Data file:	C:\Chem32\1\Data\20Aug19\13.D	Analyst:	Kosecki

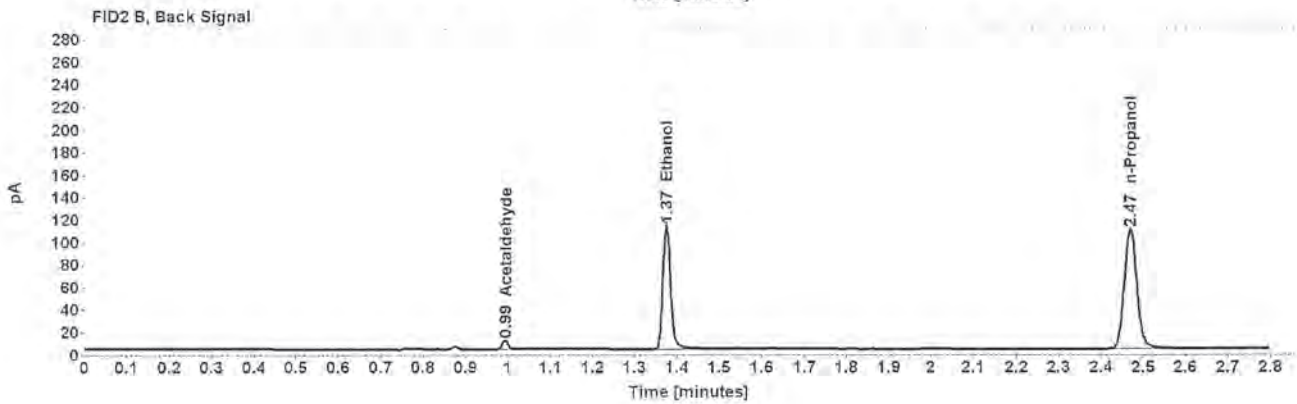
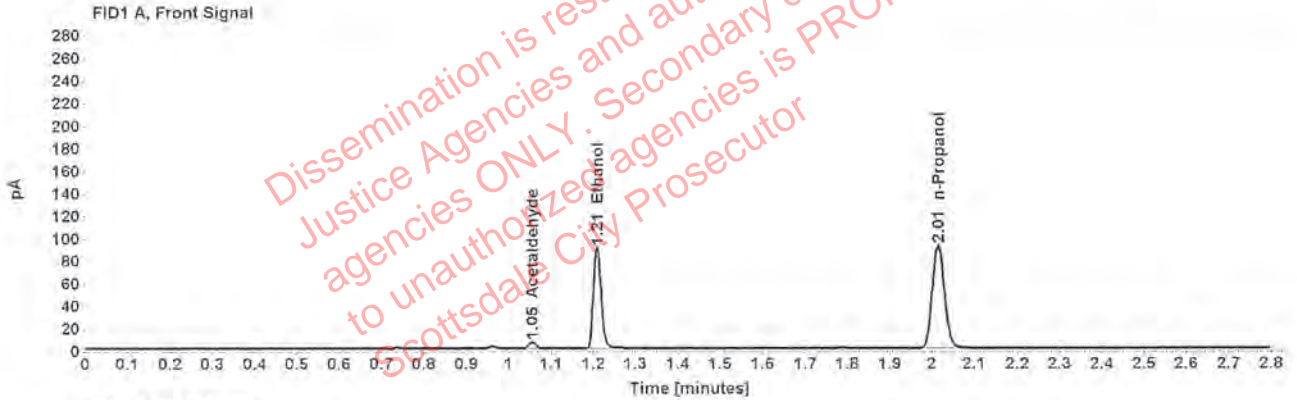


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.792
>Ethanol	0.1748	1.209	115.773
n-Propanol	-----	2.015	183.002

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	7.512
Ethanol	1.375	142.590
n-Propanol	2.469	220.141

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1263402	Vial: 14
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 20Aug19
Instrument: US14173023 CN14160045	Injection date: 8/20/2019 1:40:19 PM
Data file: C:\Chem32\1\Data\20Aug19\14.D	Analyst: Kosecki

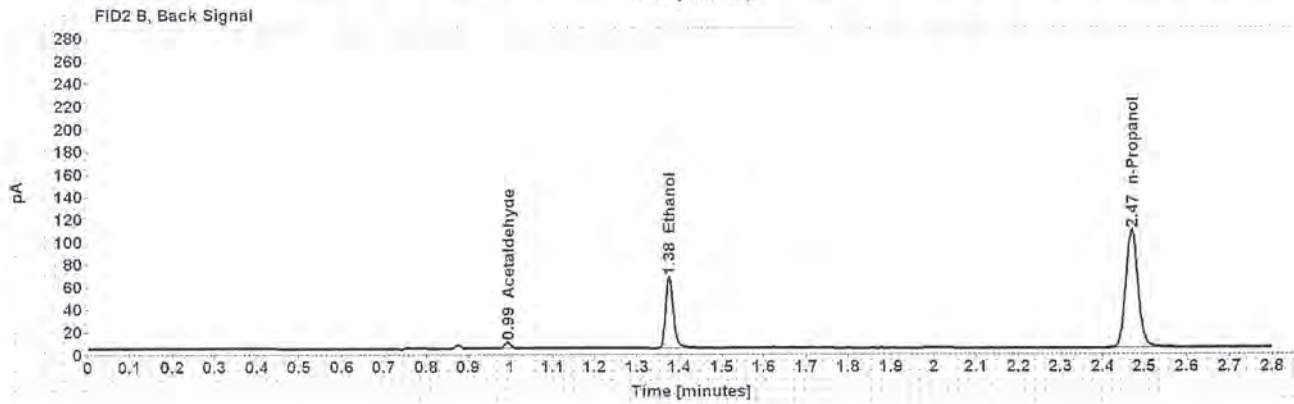
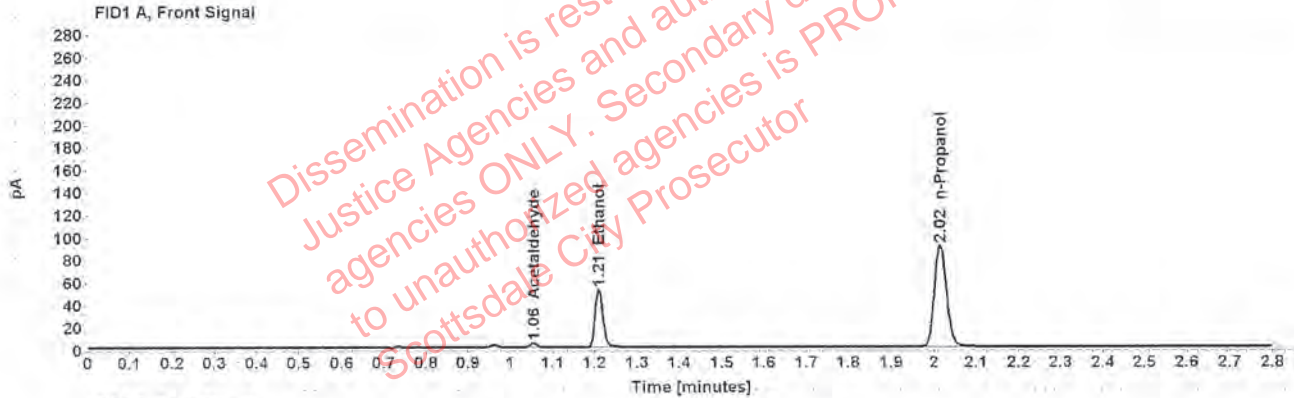


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.965
>Ethanol	0.1029	1.210	66.784
n-Propanol	-----	2.015	180.776

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.202
Ethanol	1.376	80.899
n-Propanol	2.470	216.478

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1263402	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 1:44:17 PM
Data file:	C:\Chem32\1\Data\20Aug19\15.D	Analyst:	Kosecki

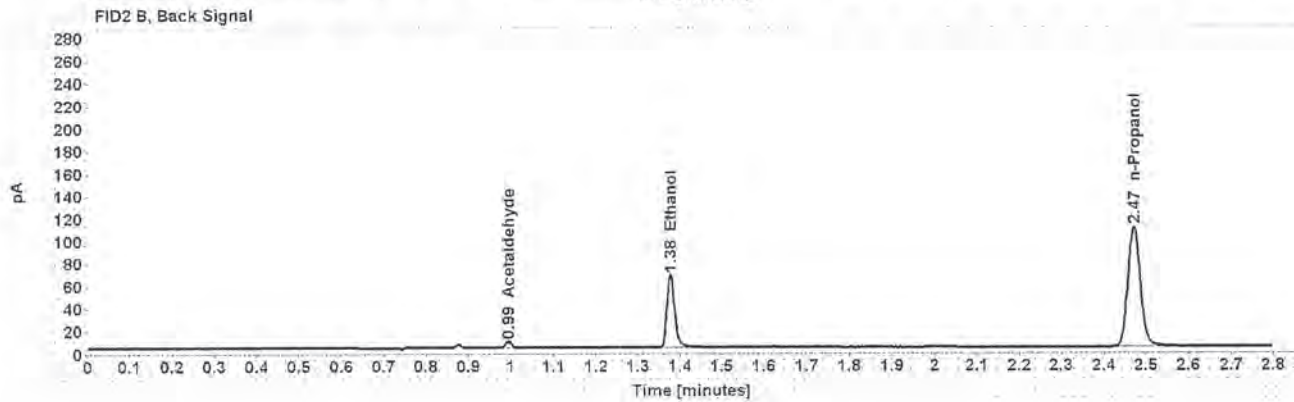
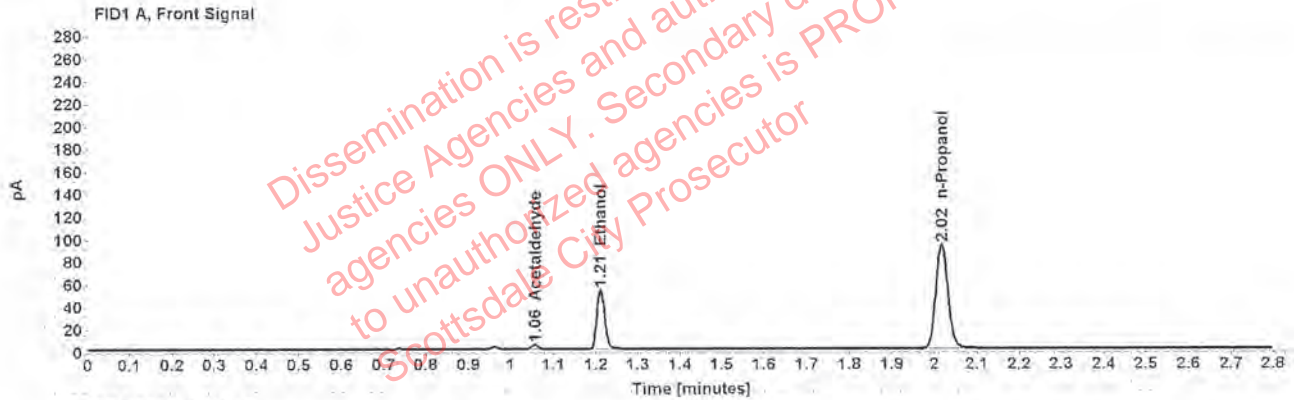


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.980
>Ethanol	0.1034	1.211	68.727
n-Propanol	-----	2.016	185.122

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.234
Ethanol	1.378	83.291
n-Propanol	2.471	221.701

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1284006	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 1:48:17 PM
Data file:	C:\Chem32\11\Data\20Aug19\16.D	Analyst:	Kosecki

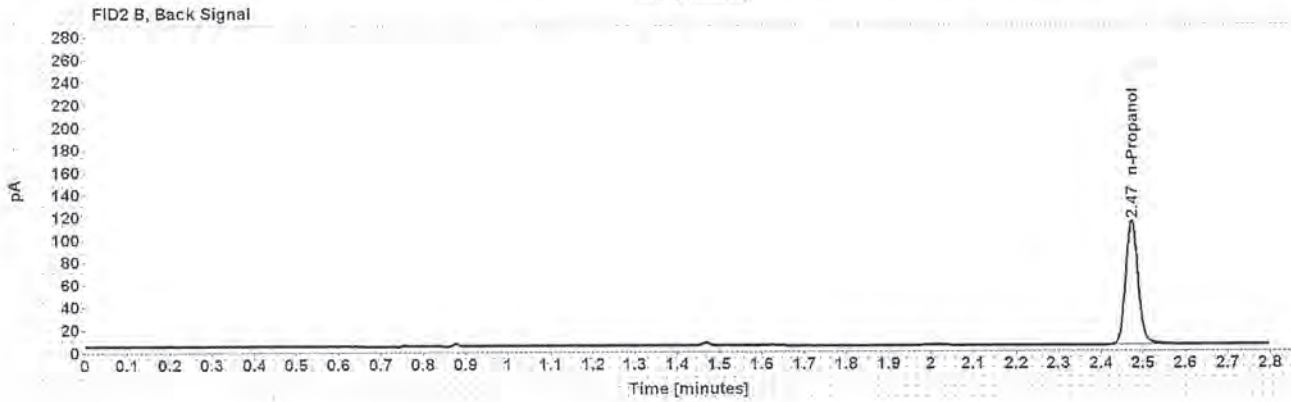


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	189.557

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

Compound	Time (min)	Peak Area
n-Propanol	2.472	227.684

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1284006	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 1:52:17 PM
Data file:	C:\Chem32\1\Data\20Aug19\17.D	Analyst:	Kosecki

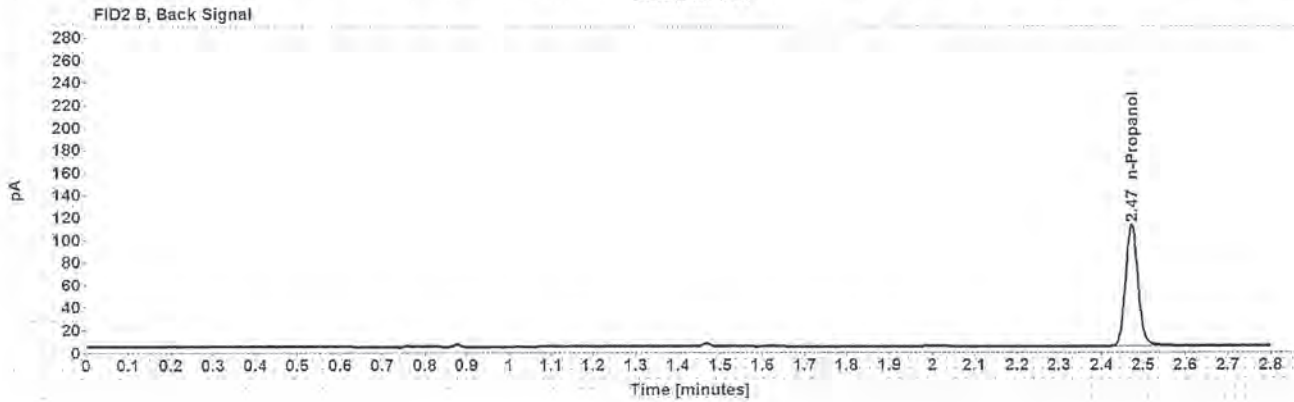


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	186.226

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

Compound	Time (min)	Peak Area
n-Propanol	2.471	223.907

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1284178	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 1:56:18 PM
Data file:	C:\Chem32\1\Data\20Aug19\18.D	Analyst:	Kosecki

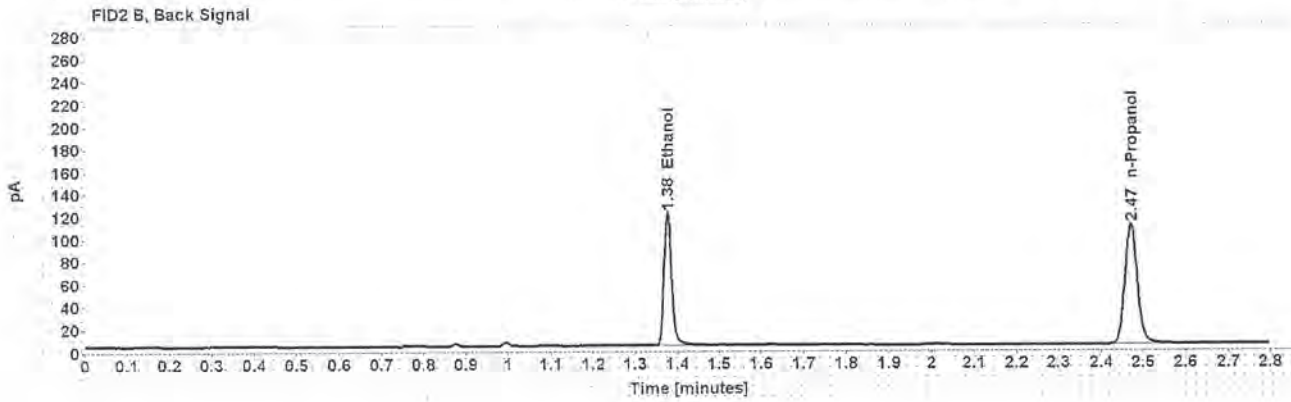
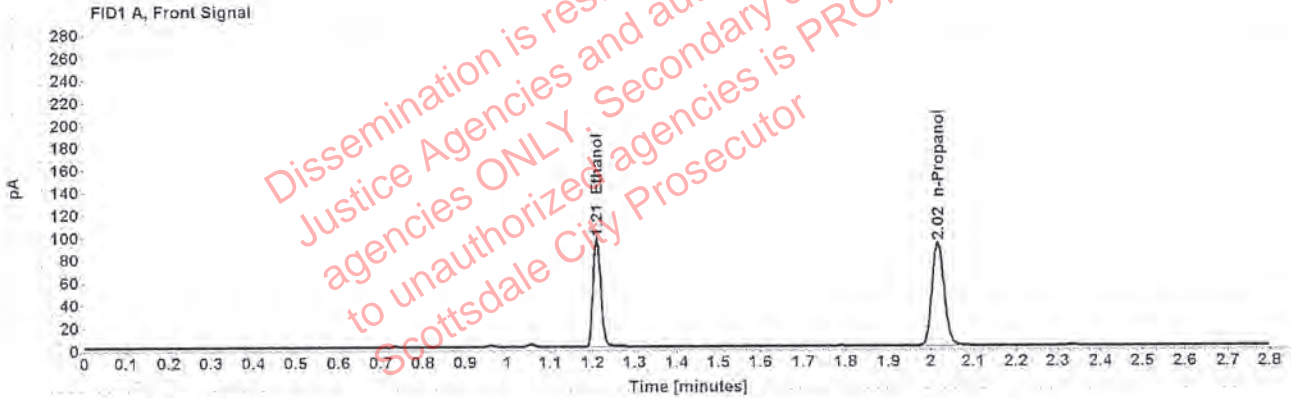


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1865	1.210	123.341
n-Propanol	-----	2.016	182.621

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

Compound	Time (min)	Peak Area
Ethanol	1.376	152.103
n-Propanol	2.471	219.989

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1284178	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 2:00:32 PM
Data file:	C:\Chem32\11\Data\20Aug19\19.D	Analyst:	Kosecki

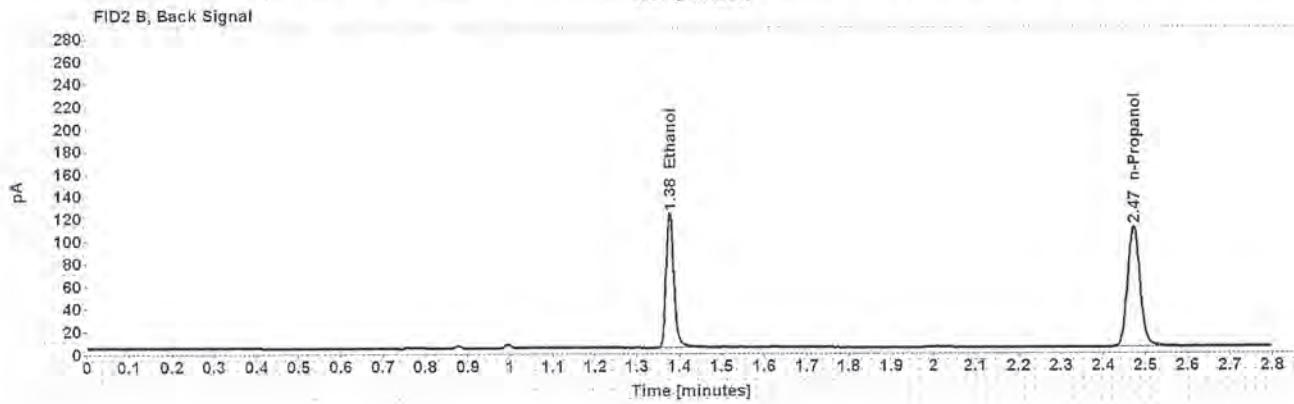
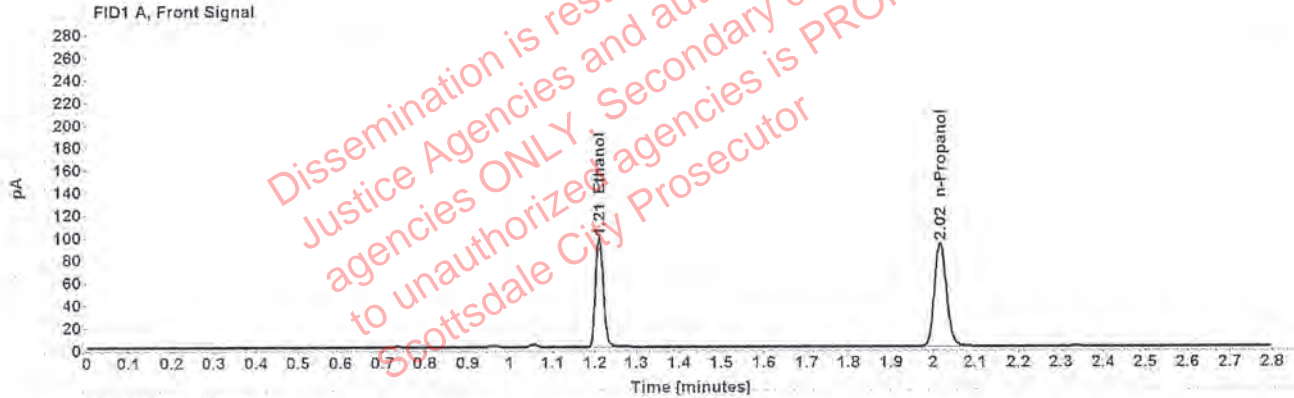


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1883	1.210	125.592
n-Propanol	-----	2.016	184.062

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

Compound	Time (min)	Peak Area
Ethanol	1.377	155.095
n-Propanol	2.471	221.653



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1284101	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 2:08:33 PM
Data file:	C:\Chem32\1\Data\20Aug19\21.D	Analyst:	Kosecki

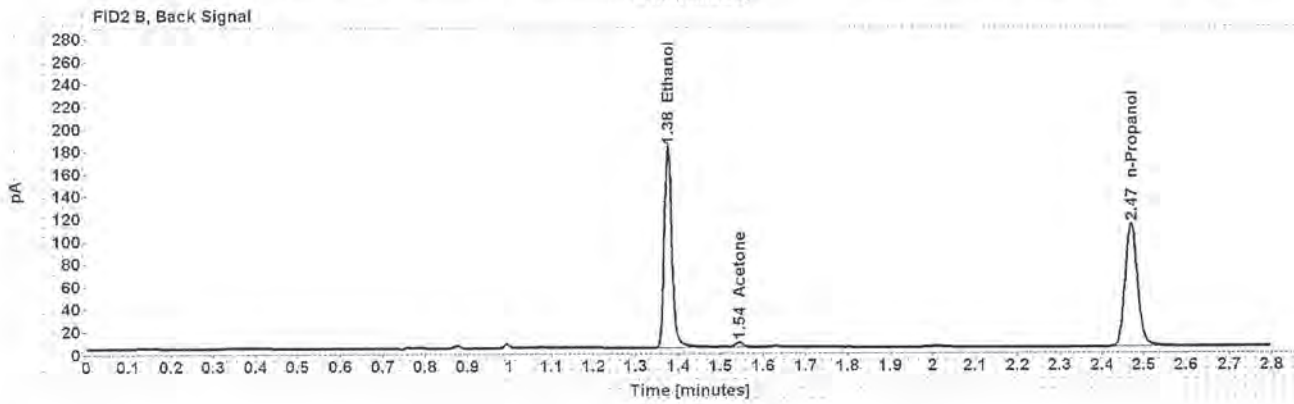
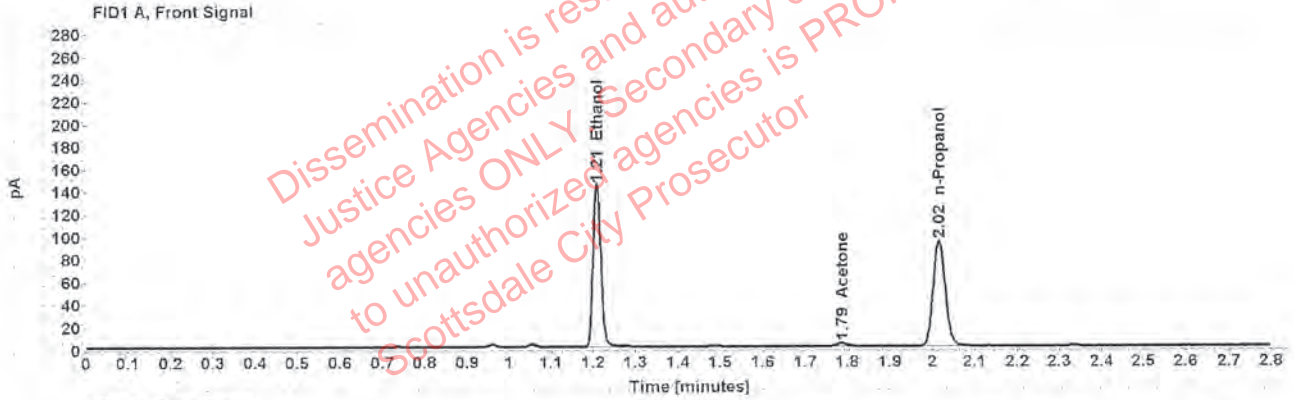


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2714	1.209	184.579
Acetone	-----	1.786	4.697
n-Propanol	-----	2.015	187.122

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

Compound	Time (min)	Peak Area
Ethanol	1.375	228.325
Acetone	1.543	6.501
n-Propanol	2.470	224.750

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1284101	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 2:12:32 PM
Data file:	C:\Chem32\11\Data\20Aug19\22.D	Analyst:	Kosecki

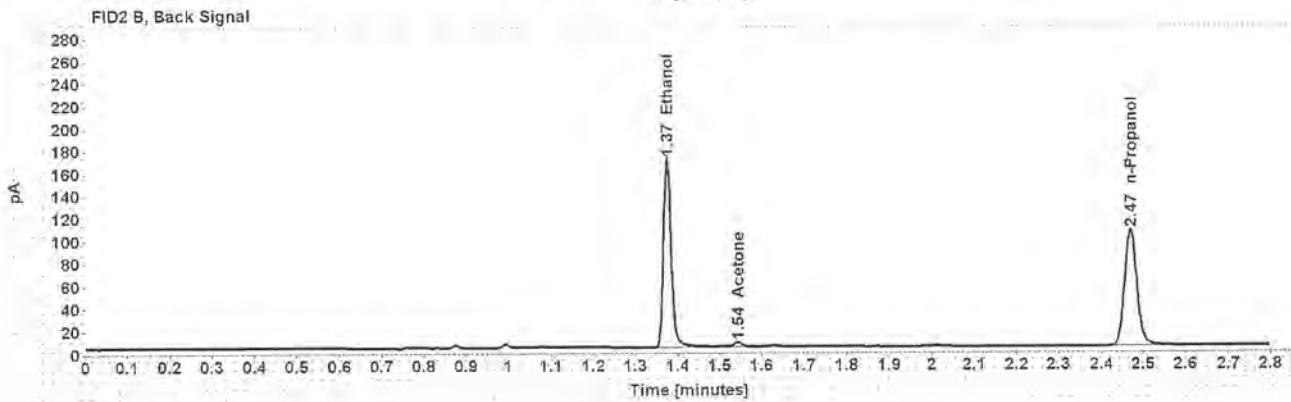
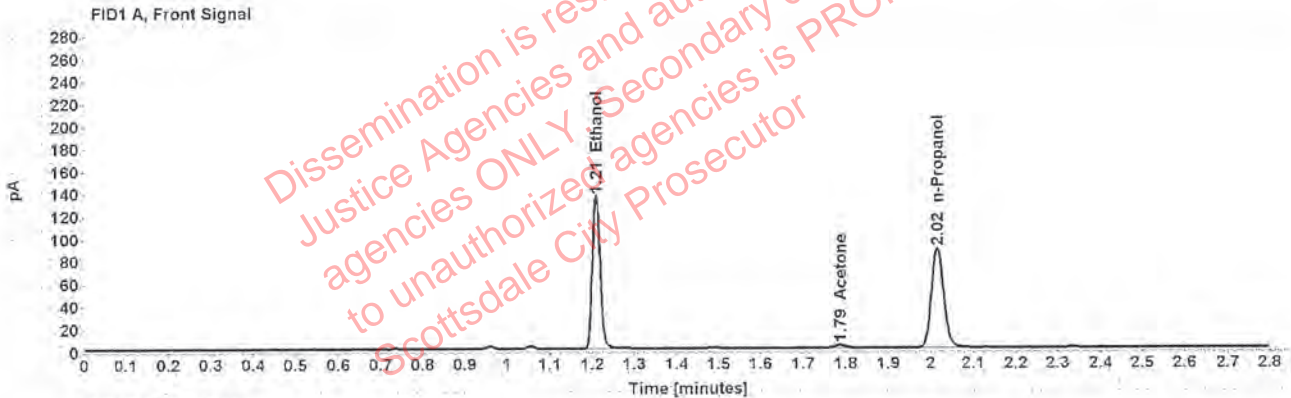


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2701	1.209	173.247
Acetone	-----	1.786	4.484
n-Propanol	-----	2.015	176.489

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

Compound	Time (min)	Peak Area
Ethanol	1.375	214.628
Acetone	1.543	6.230
n-Propanol	2.469	211.900

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1281750	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 2:16:32 PM
Data file:	C:\Chem32\11\Data\20Aug19\23.D	Analyst:	Kosecki

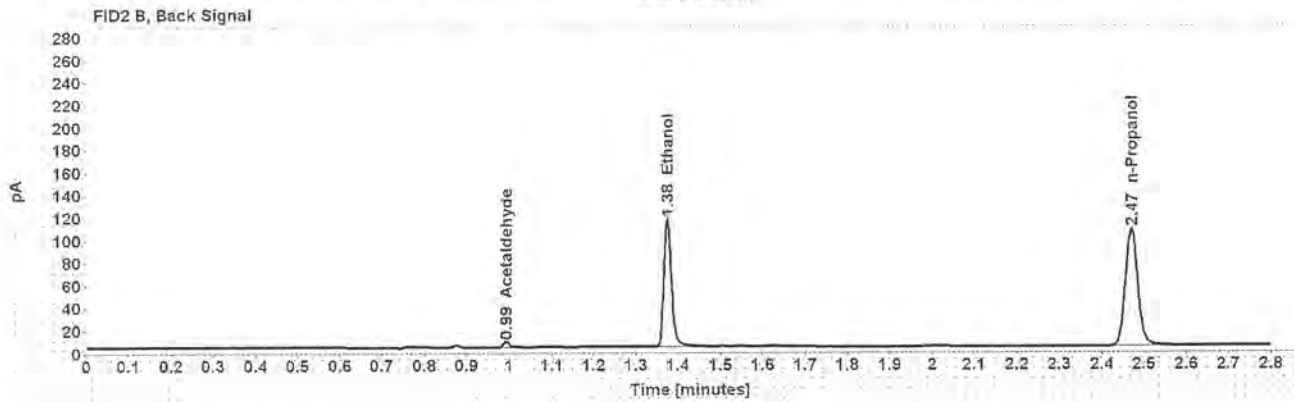
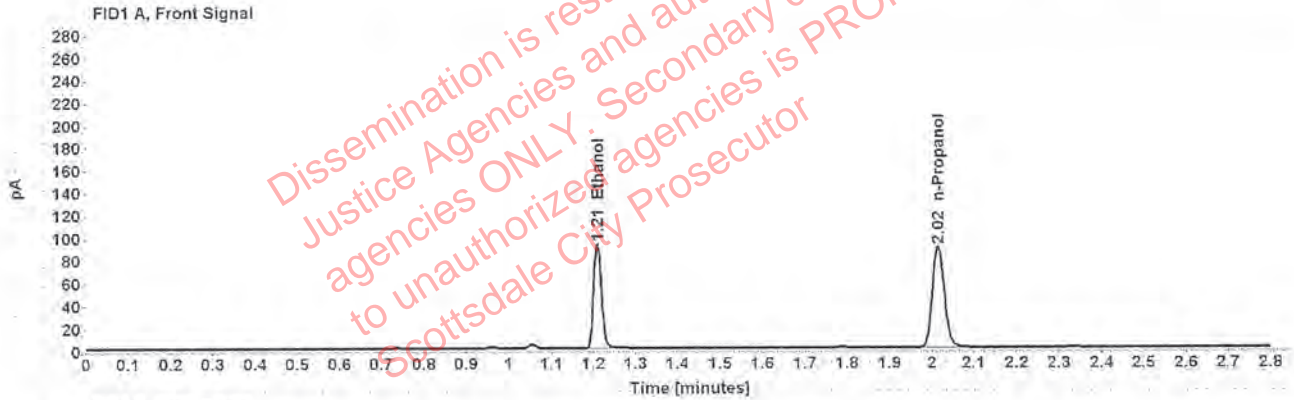


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1840	1.209	118.803
n-Propanol	-----	2.015	178.238

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.787
Ethanol	1.375	147.096
n-Propanol	2.469	214.249

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1281750	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 2:20:34 PM
Data file:	C:\Chem32\1\Data\20Aug19\24.D	Analyst:	Kosecki

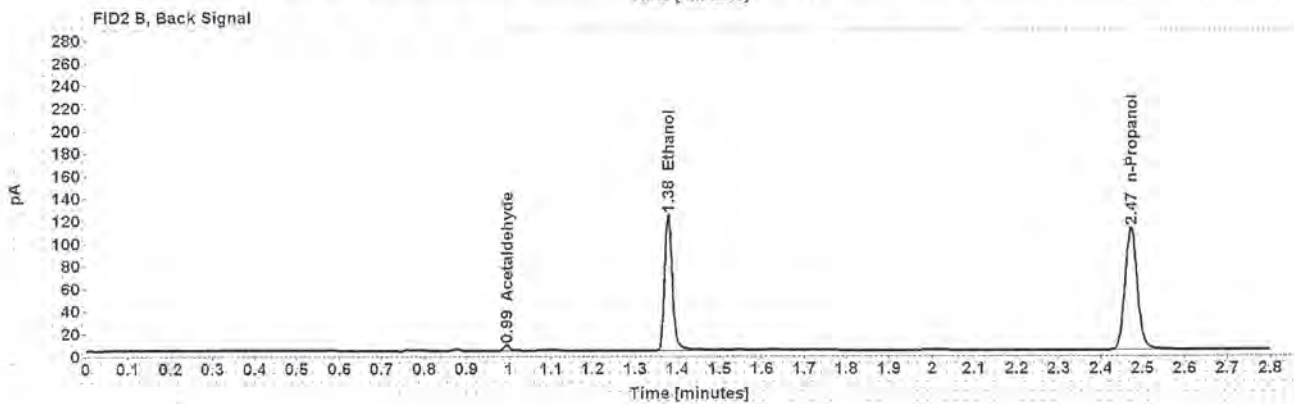
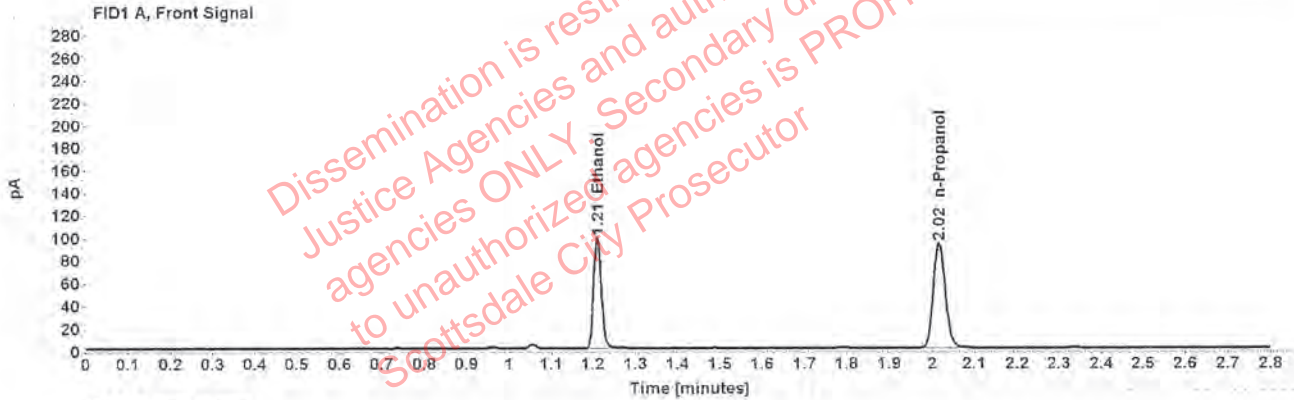


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1878	1.210	126.352
n-Propanol	-----	2.016	185.703

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.778
Ethanol	1.377	156.203
n-Propanol	2.472	223.222

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32001CR	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 2:24:48 PM
Data file:	C:\Chem32\1\Data\20Aug19\25.D	Analyst:	Kosecki

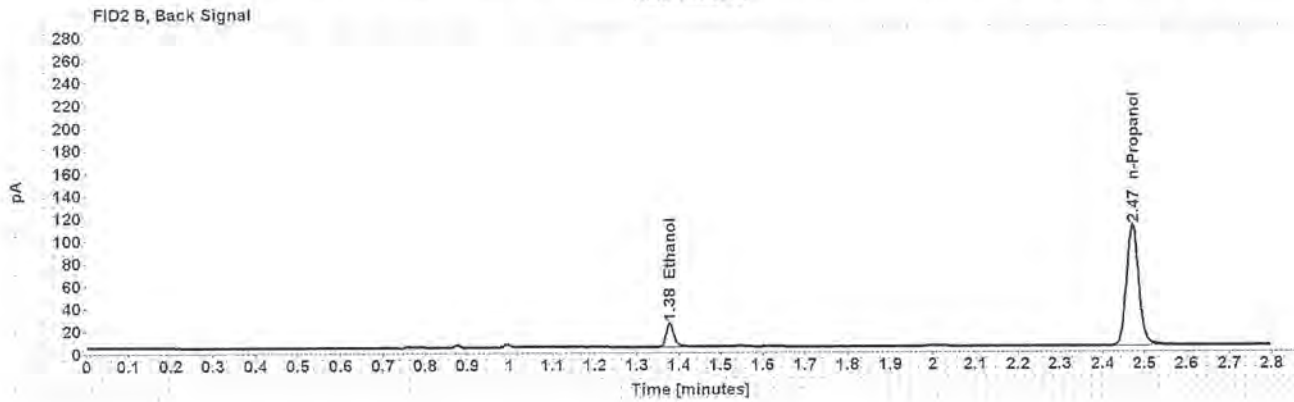


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0357	1.212	22.656
n-Propanol	-----	2.016	184.037

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

Compound	Time (min)	Peak Area
Ethanol	1.378	27.889
n-Propanol	2.471	220.948

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32001CR	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 2:28:47 PM
Data file:	C:\Chem32\1\Data\20Aug19\26.D	Analyst:	Kosecki

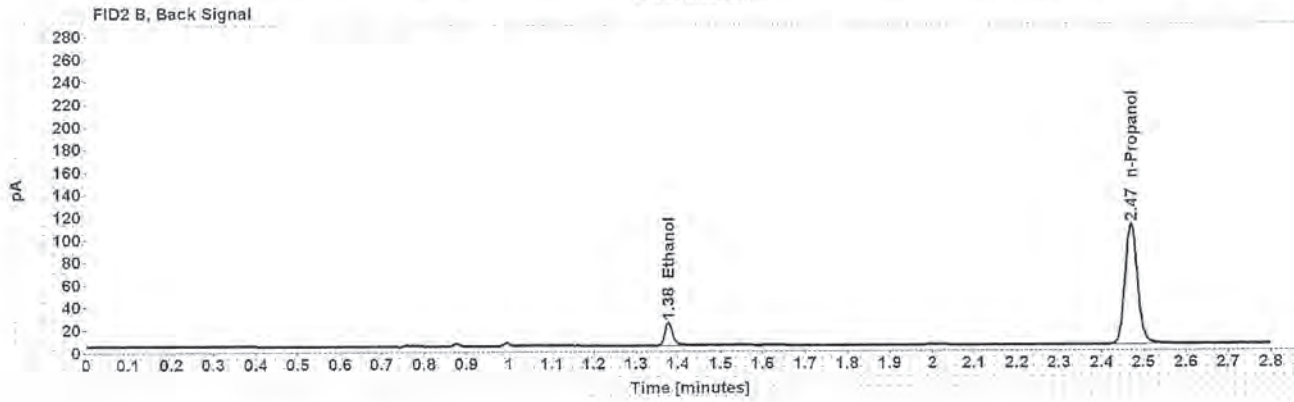


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0347	1.211	21.863
n-Propanol	-----	2.015	183.029

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

Compound	Time (min)	Peak Area
Ethanol	1.377	27.110
n-Propanol	2.470	219.491

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1280947	Vial: 27
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 20Aug19
Instrument: US14173023 CN14160045	Injection date: 8/20/2019 2:32:48 PM
Data file: C:\Chem32\1\Data\20Aug19\27.D	Analyst: Kosecki

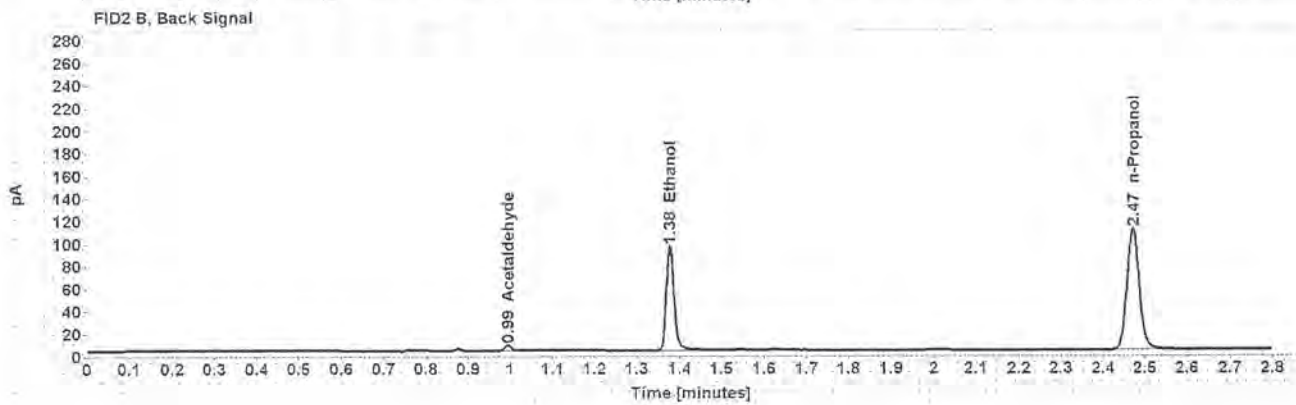
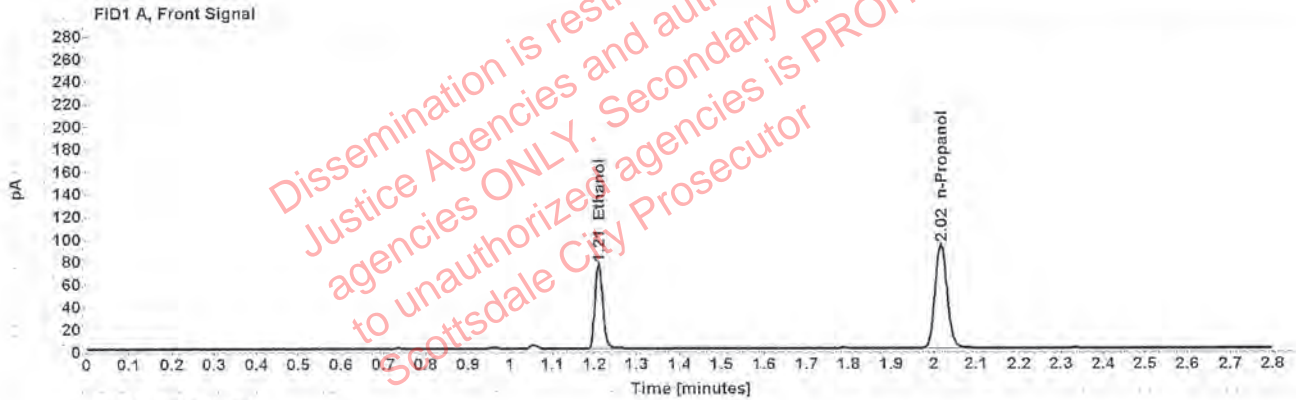


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1454	1.210	97.118
n-Propanol	-----	2.016	185,040

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.596
Ethanol	1.377	120.272
n-Propanol	2.471	223.021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1280947	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 2:36:48 PM
Data file:	C:\Chem32\1\Data\20Aug19\28.D	Analyst:	Kosecki

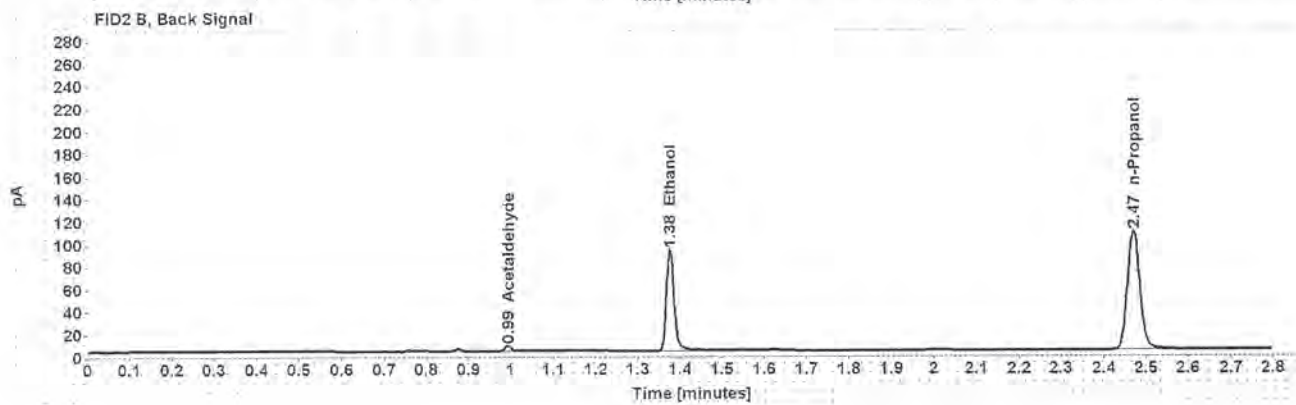
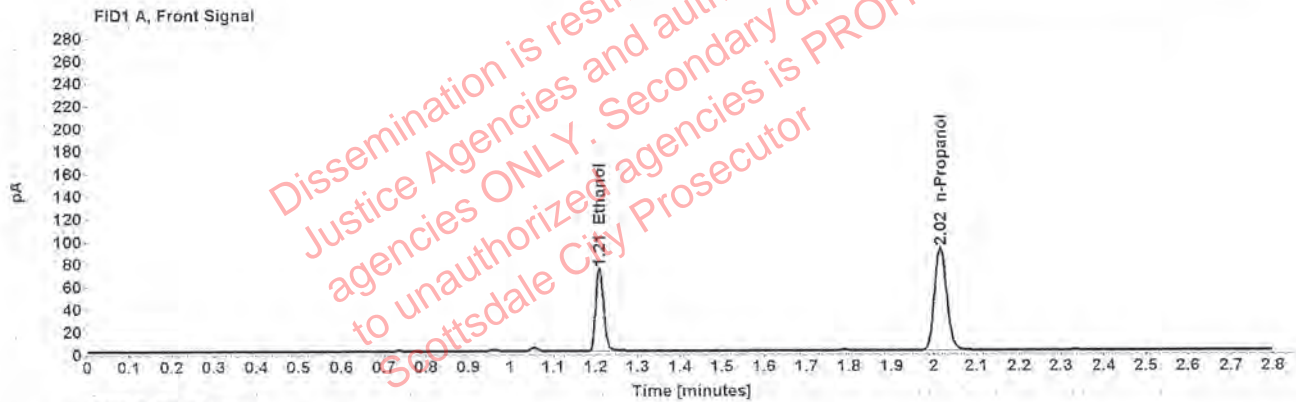


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1440	1.209	94.230
n-Propanol	-----	2.015	181.288

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.639
Ethanol	1.375	116.844
n-Propanol	2.469	218.248



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1280787	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 2:40:48 PM
Data file:	C:\Chem32\1\Data\20Aug19\29.D	Analyst:	Kosecki

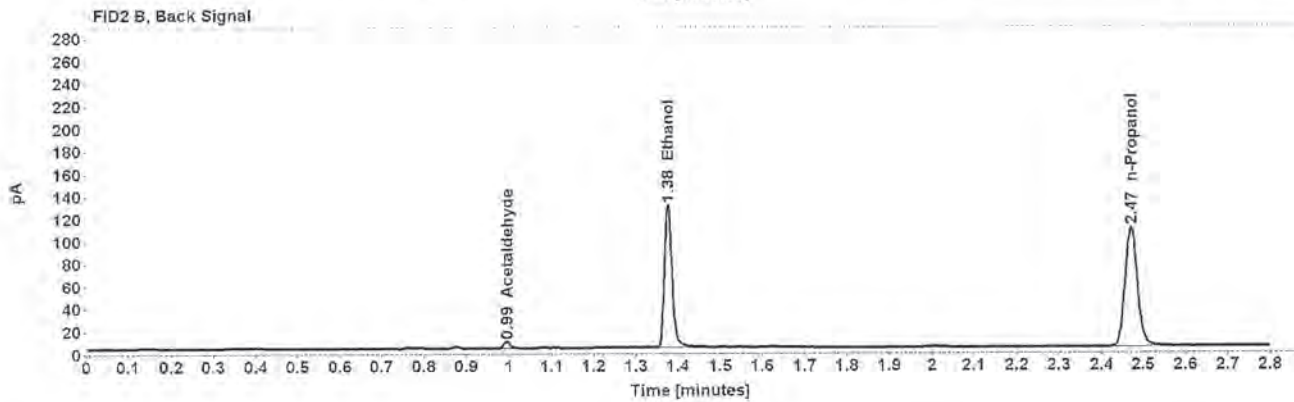
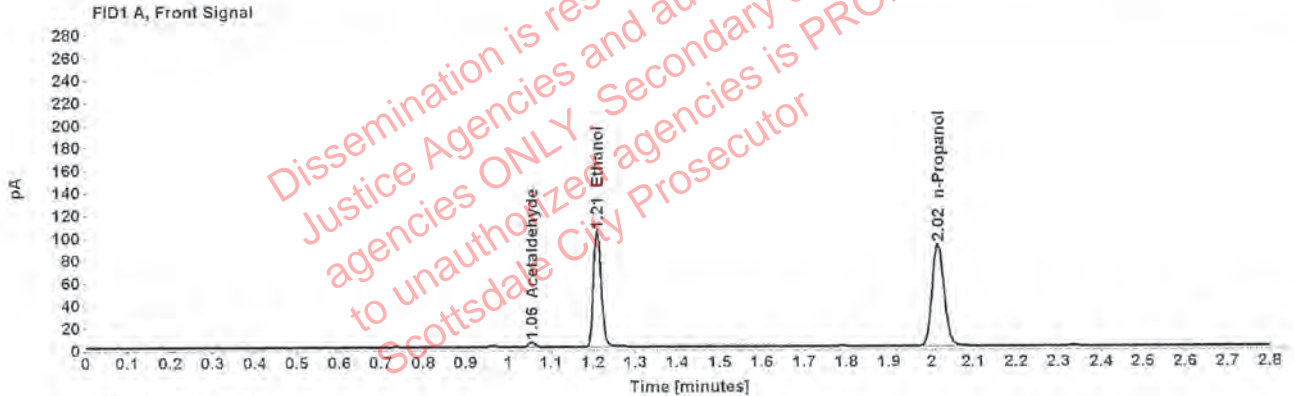


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.540
>Ethanol	0.2017	1.210	132.884
n-Propanol	-----	2.016	181.750

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.878
Ethanol	1.376	164.511
n-Propanol	2.470	218.520

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1280787	Vial: 30
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 20Aug19
Instrument: US14173023 CN14160045	Injection date: 8/20/2019 2:44:49 PM
Data file: C:\Chem32\1\Data\20Aug19\30.D	Analyst: Kosecki

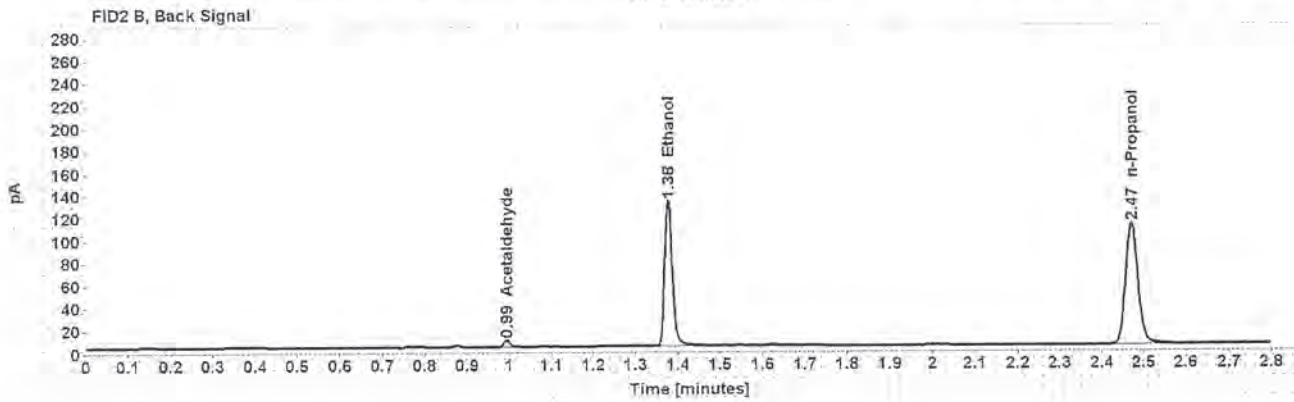
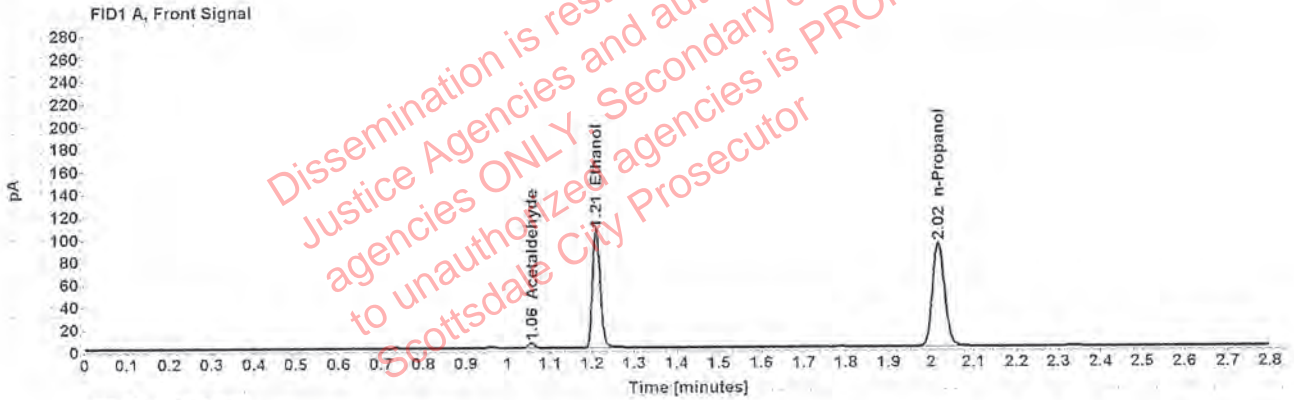


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.546
>Ethanol	0.2025	1.210	135.546
n-Propanol	-----	2.016	184.648

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.893
Ethanol	1.377	167.503
n-Propanol	2.471	222.279

Case: [REDACTED] User: pkosecki 8/20/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1284036	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 2:53:03 PM
Data file:	C:\Chem32\1\Data\20Aug19\32.D	Analyst:	Kosecki

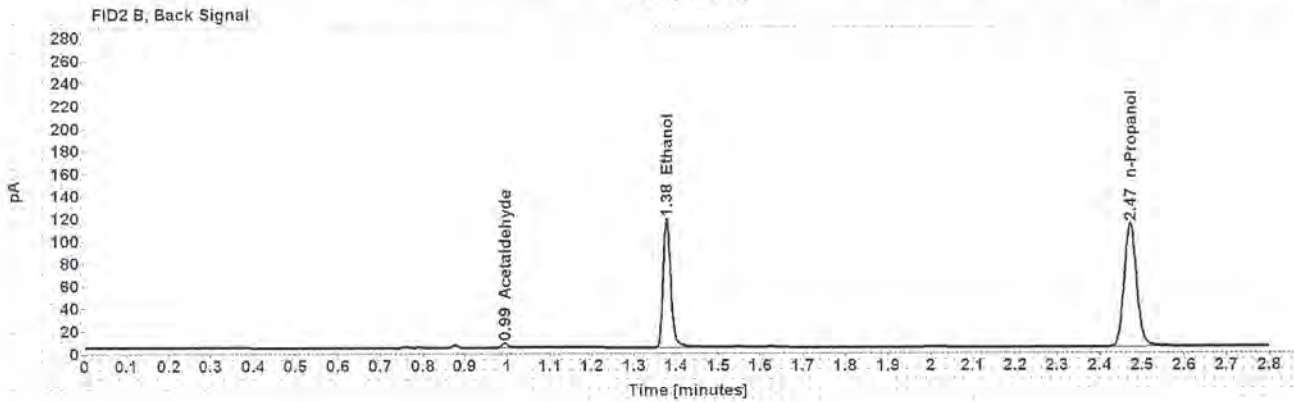
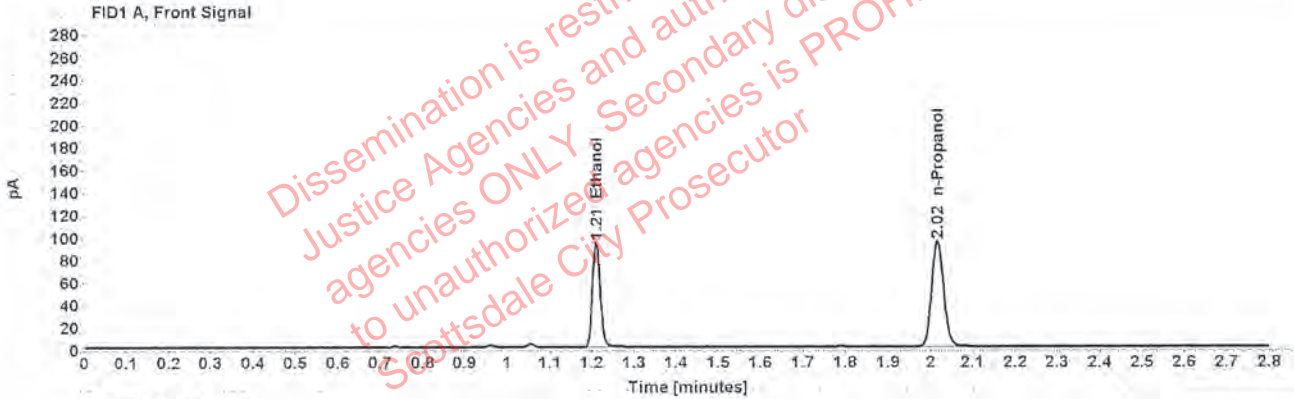


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1771	1.210	120.421
n-Propanol	-----	2.016	187.850

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.868
Ethanol	1.377	148.785
n-Propanol	2.471	225.596

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1284036	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 2:57:02 PM
Data file:	C:\Chem32\1\Data\20Aug19\33.D	Analyst:	Kosecki

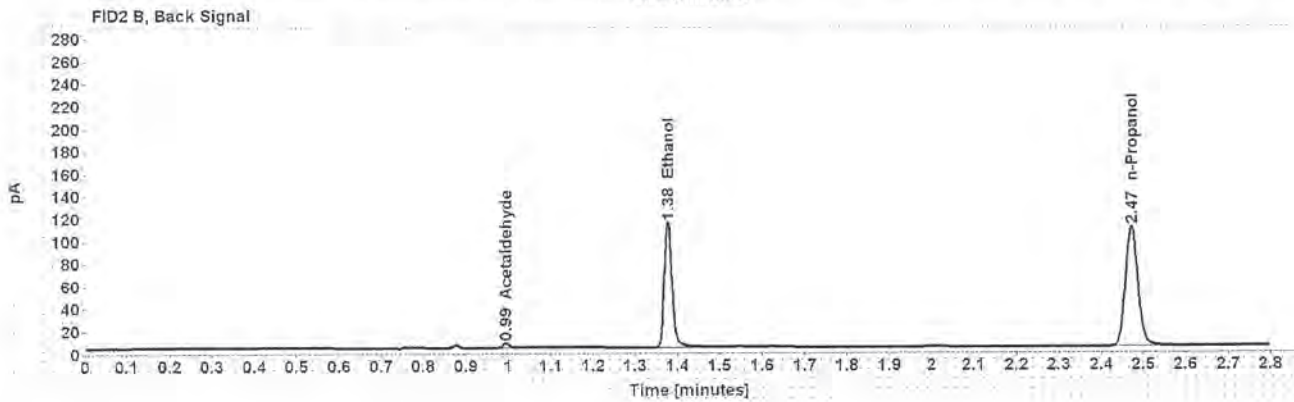
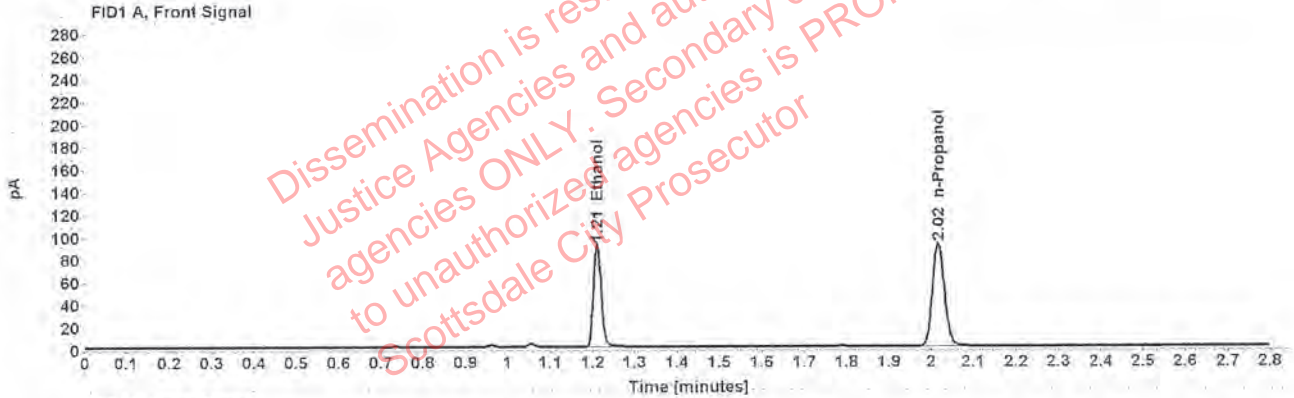


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1769	1.210	117.264
n-Propanol	-----	2.016	183.149

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.859
Ethanol	1.377	145.128
n-Propanol	2.471	219.887

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1284505	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 3:01:03 PM
Data file:	C:\Chem32\1\Data\20Aug19\34.D	Analyst:	Kosecki

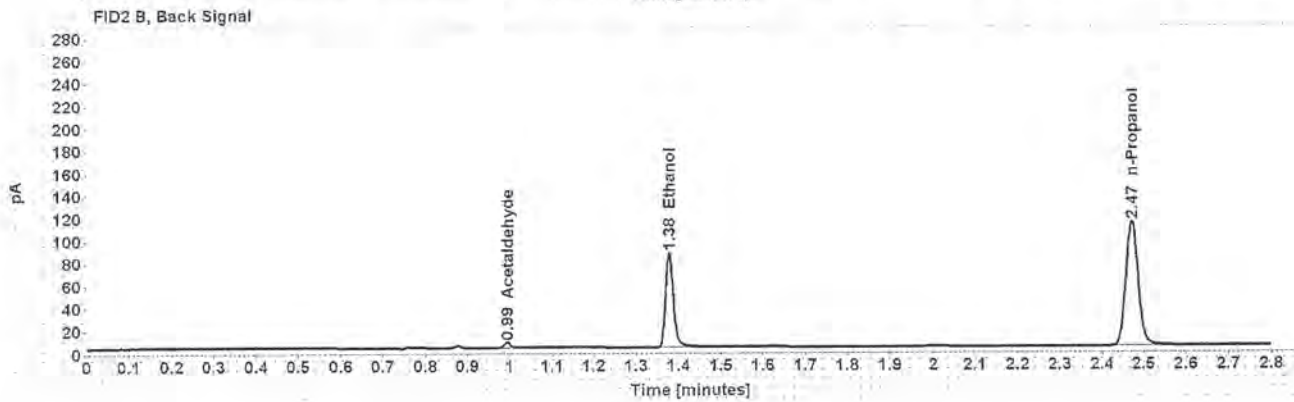
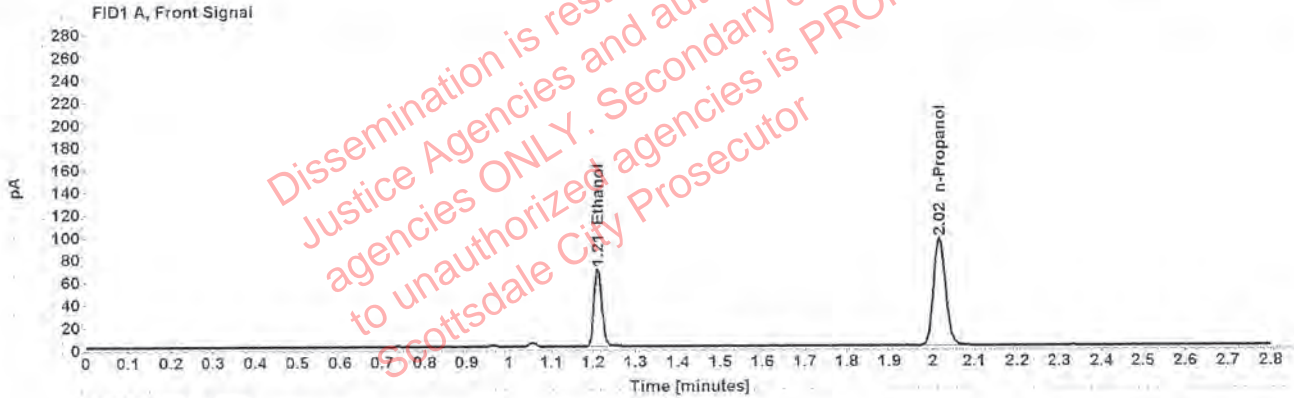


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1298	1.211	88.805
n-Propanol	---	2.016	189.844

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.553
Ethanol	1.377	108.006
n-Propanol	2.471	228.643

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1284505	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 3:05:03 PM
Data file:	C:\Chem32\1\Data\20Aug19\35.D	Analyst:	Kosecki

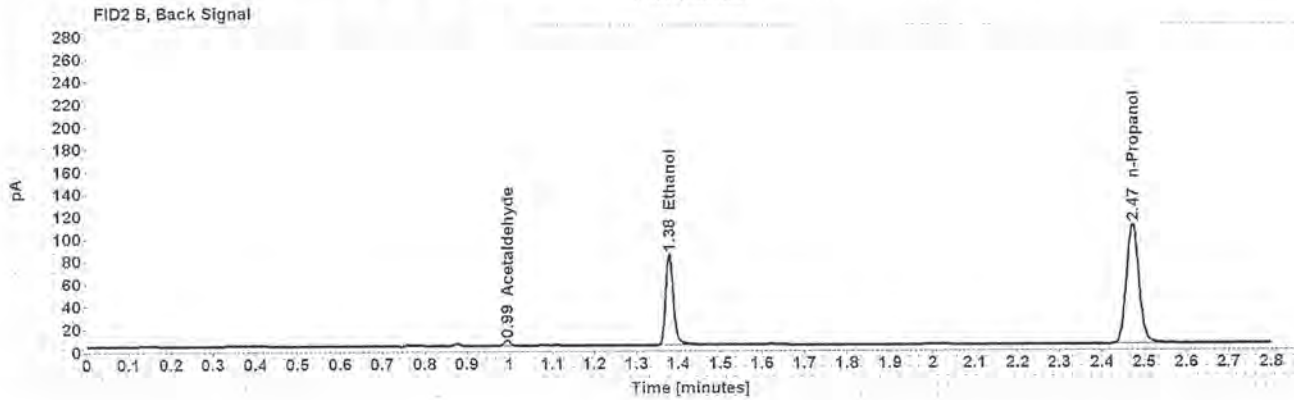
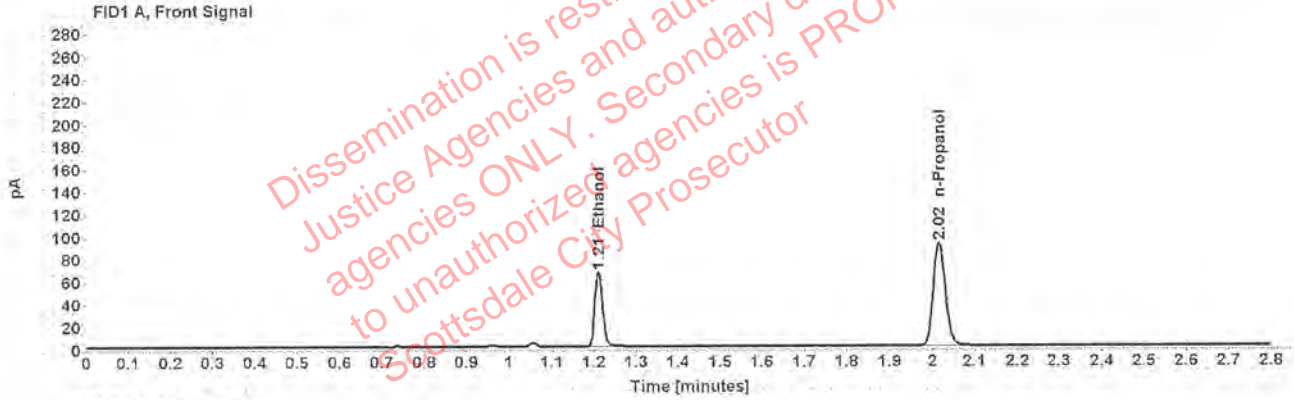


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1296	1.211	85.473
n-Propanol	-----	2.016	182.922

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.393
Ethanol	1.378	104.108
n-Propanol	2.471	220.266

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285167	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 3:09:02 PM
Data file:	C:\Chem32\11\Data\20Aug19\36.D	Analyst:	Kosecki

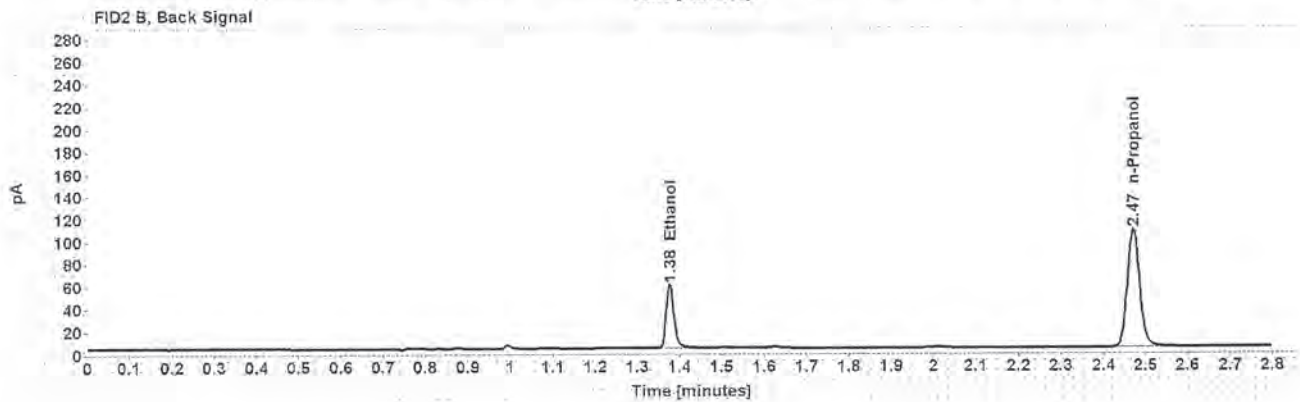
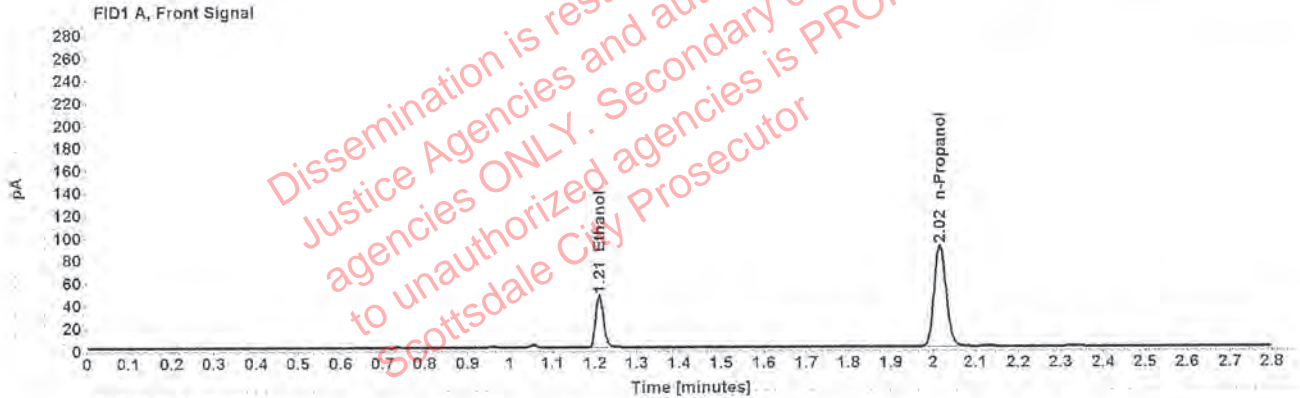


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0924	1.211	59.764
n-Propanol	-----	2.016	180.659

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

Compound	Time (min)	Peak Area
Ethanol	1.377	72.873
n-Propanol	2.470	216.686

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285167	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 3:13:18 PM
Data file:	C:\Chem32\1\Data\20Aug19\37.D	Analyst:	Kosecki

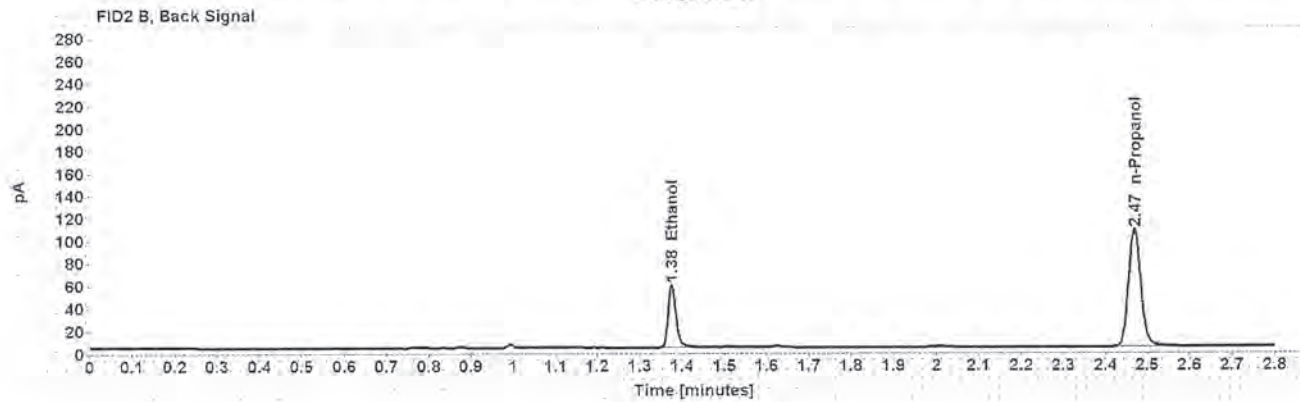
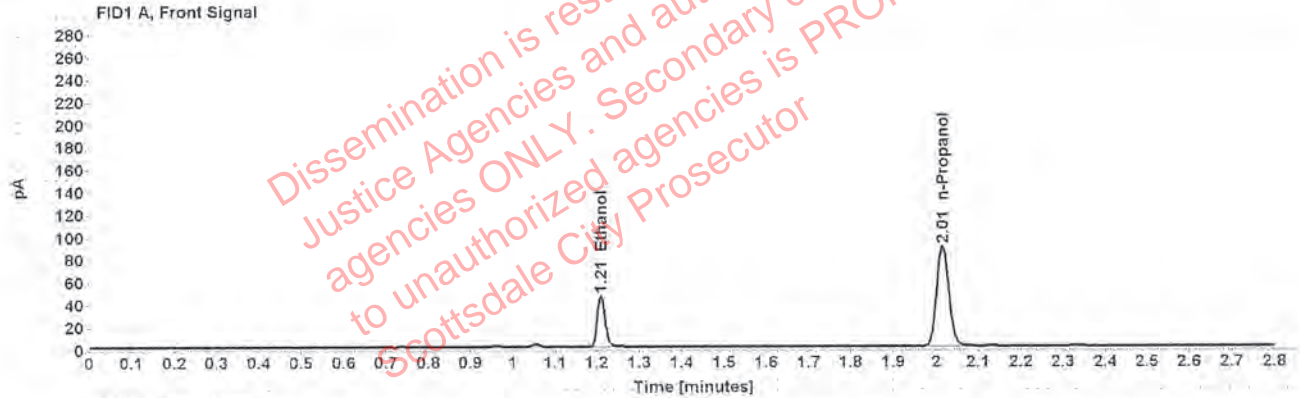


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0915	1.210	58.920
n-Propanol	-----	2.015	179.916

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

Compound	Time (min)	Peak Area
Ethanol	1.375	71.867
n-Propanol	2.469	215.449



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283611	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 3:17:20 PM
Data file:	C:\Chem32\1\Data\20Aug19\38.D	Analyst:	Kosecki

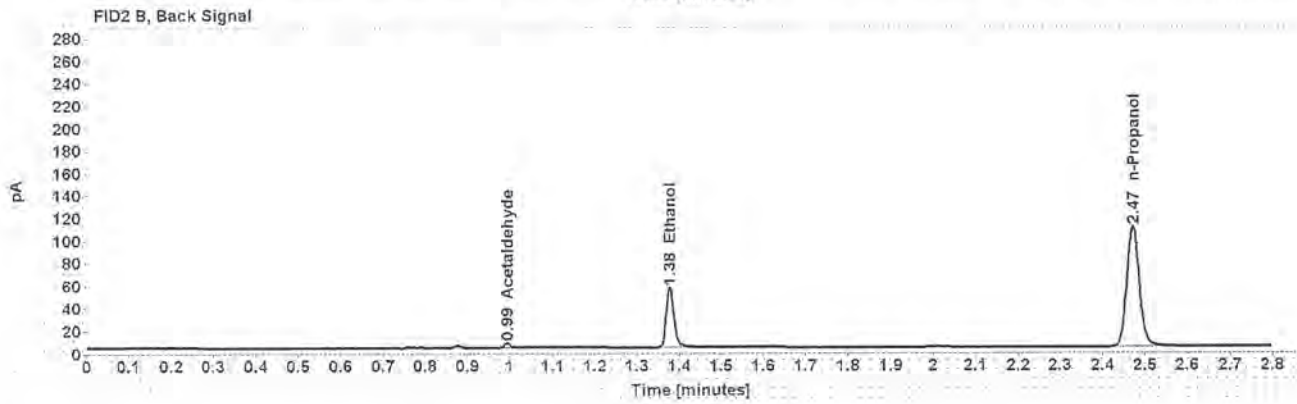
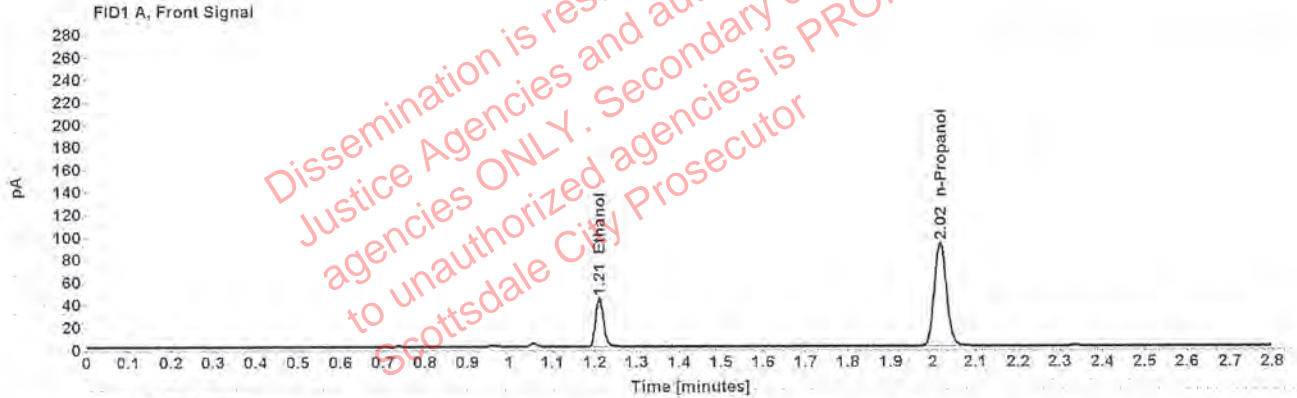


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0856	1.211	56.166
n-Propanol	-----	2.016	183.482

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.886
Ethanol	1.377	67.936
n-Propanol	2.471	221.211

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283611	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 3:21:18 PM
Data file:	C:\Chem32\1\Data\20Aug19\39.D	Analyst:	Kosecki

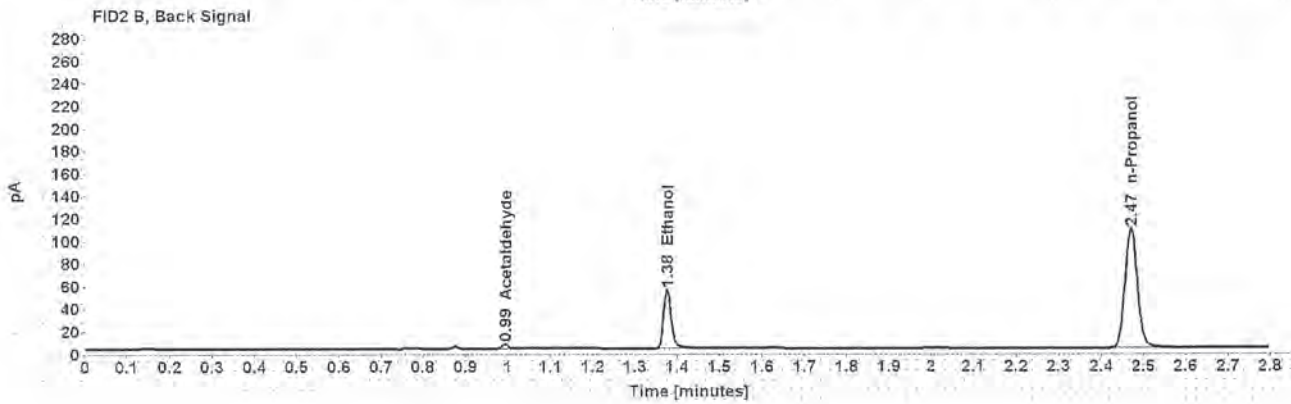
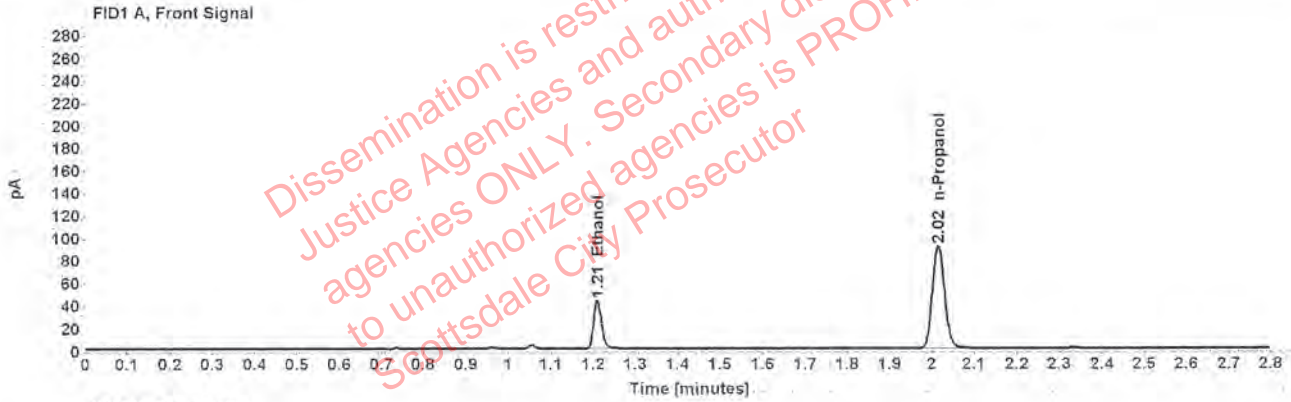


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0849	1.210	54.993
n-Propanol	-----	2.015	181.249

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.967
Ethanol	1.376	66.543
n-Propanol	2.470	218.131

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1282648	Vial: 40
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 20Aug19
Instrument: US14173023 CN14160045	Injection date: 8/20/2019 3:25:18 PM
Data file: C:\Chem32\1\Data\20Aug19\40.D	Analyst: Kosecki

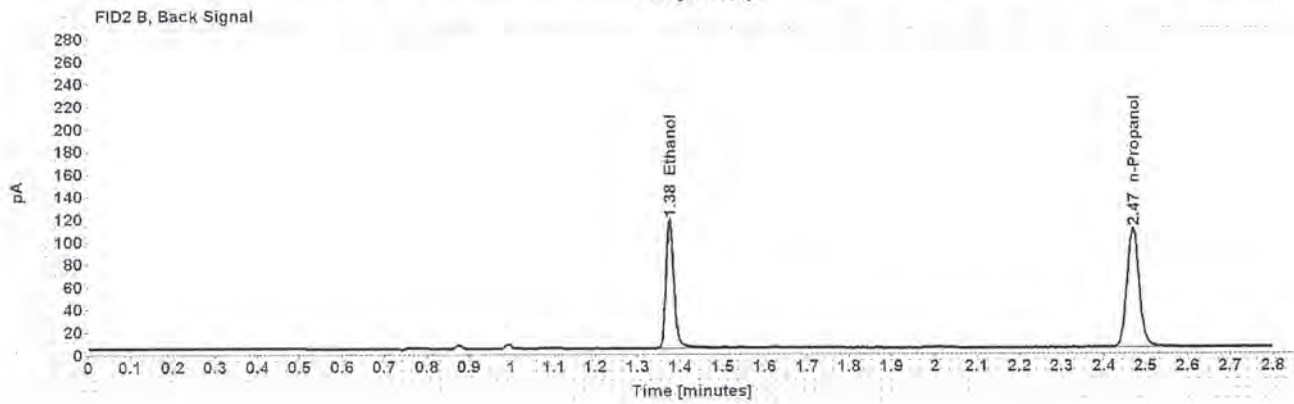
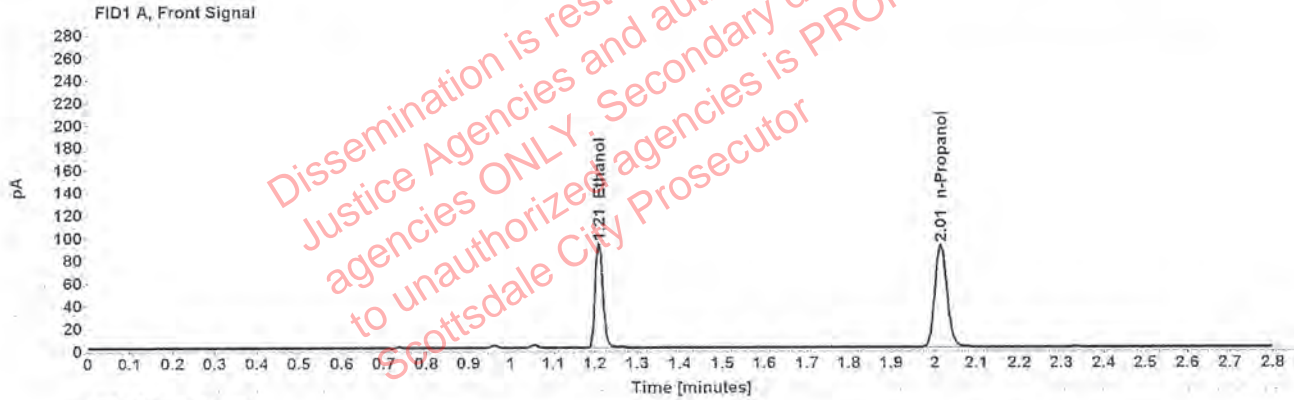


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1815	1.209	119.114
n-Propanol	-----	2.015	181.186

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

Compound	Time (min)	Peak Area
Ethanol	1.375	147.765
n-Propanol	2.469	218.494

Case: [REDACTED] User: pkosecki 8/20/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1282648	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 3:29:17 PM
Data file:	C:\Chem32\11\Data\20Aug19\41.D	Analyst:	Kosecki

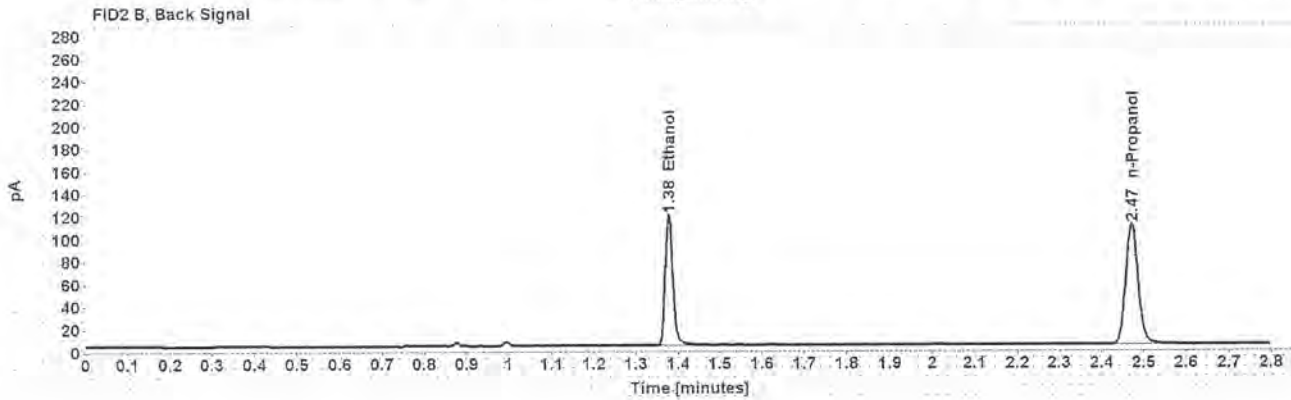
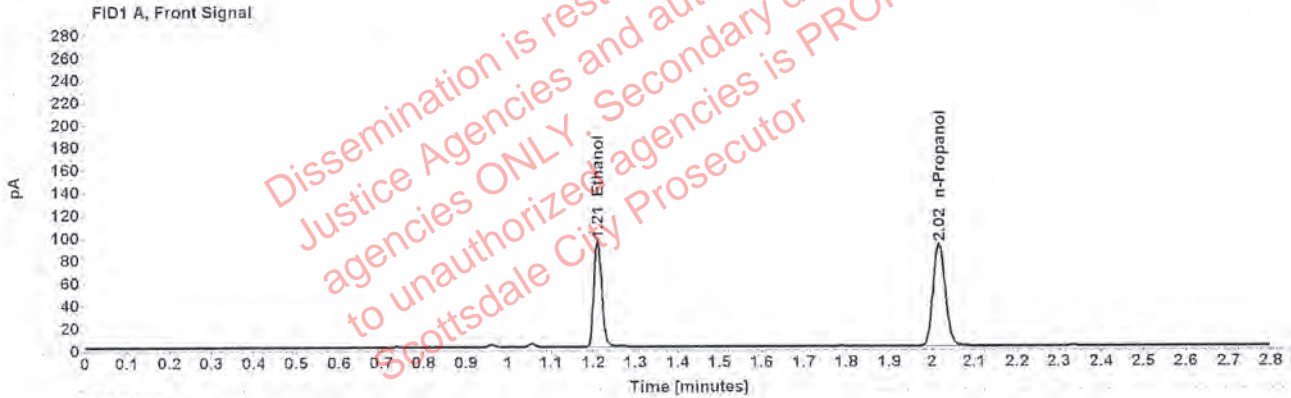


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1839	1.210	121.470
n-Propanol	-----	2.016	182.371

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

Compound	Time (min)	Peak Area
Ethanol	1.377	150.307
n-Propanol	2.471	219.988

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1284804	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 3:37:32 PM
Data file:	C:\Chem32\1\Data\20Aug19\43.D	Analyst:	Kosecki

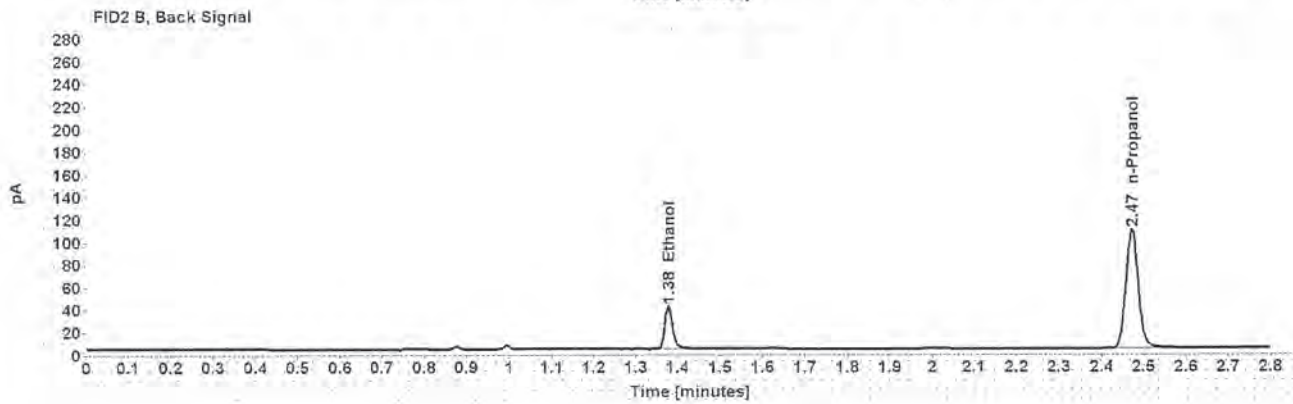
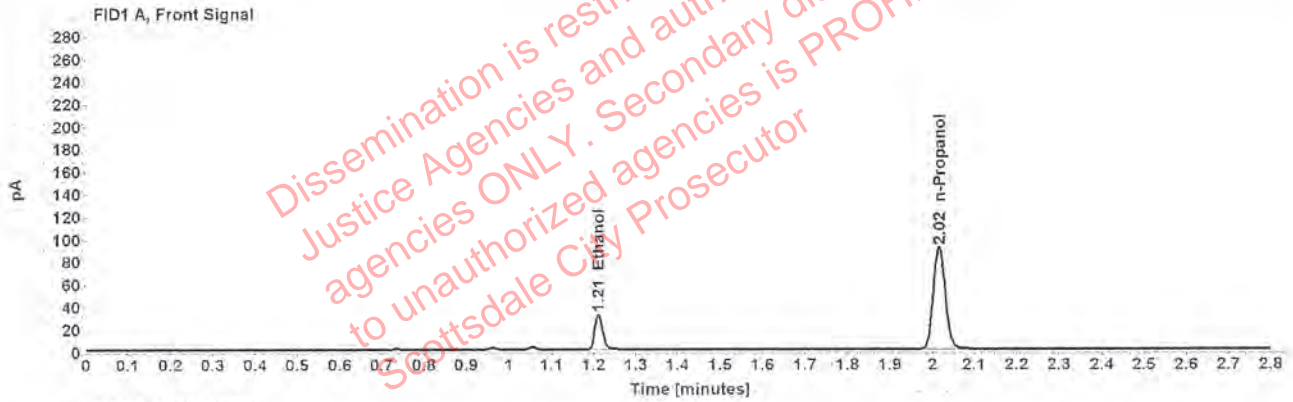


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0632	1.211	40.537
n-Propanol	-----	2.016	180.964

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

Compound	Time (min)	Peak Area
Ethanol	1.378	49.057
n-Propanol	2.471	217.894

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1284804	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 3:41:32 PM
Data file:	C:\Chem32\1\Data\20Aug19\44.D	Analyst:	Kosecki

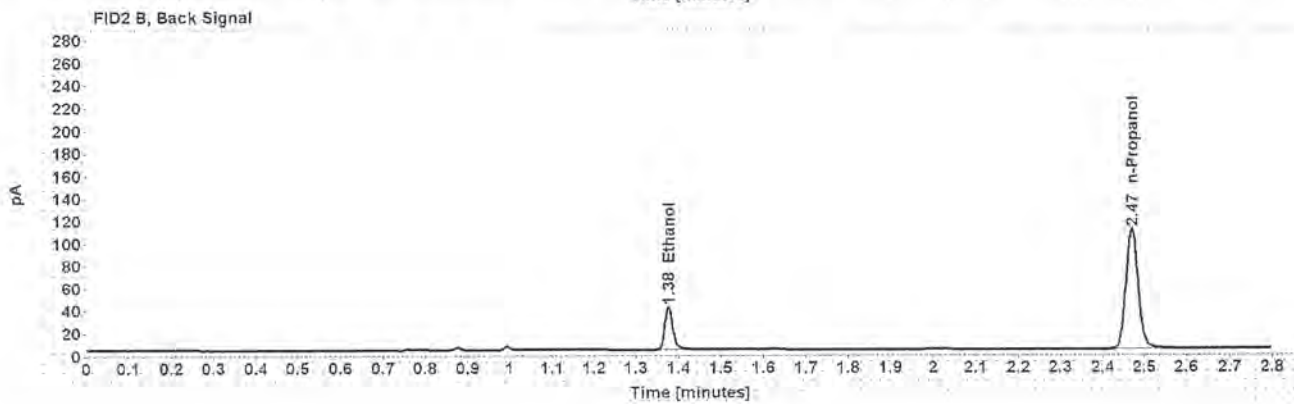
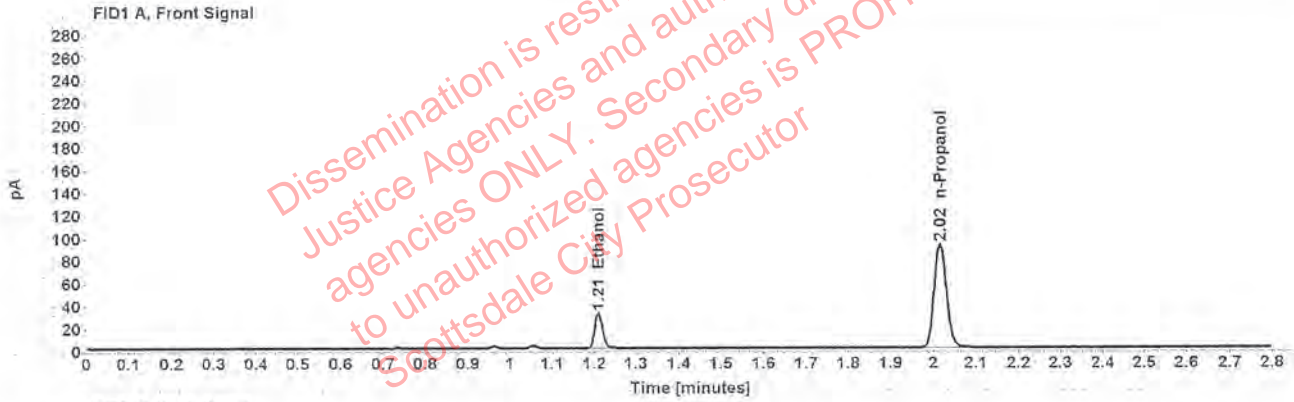


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0624	1.210	40.612
n-Propanol	-----	2.015	183.762

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

Compound	Time (min)	Peak Area
Ethanol	1.376	49.225
n-Propanol	2.469	221.381

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285139	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 3:45:33 PM
Data file:	C:\Chem32\1\Data\20Aug19\45.D	Analyst:	Kosecki

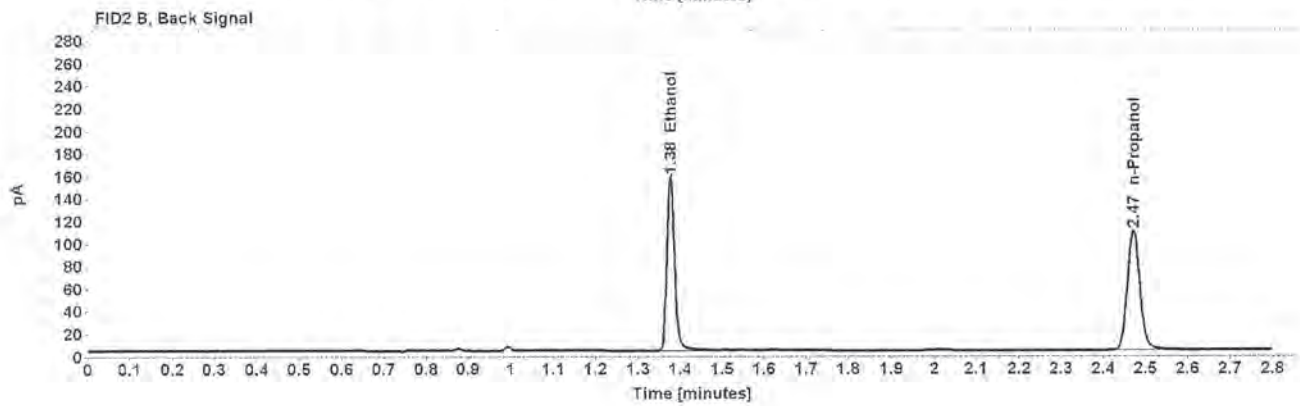
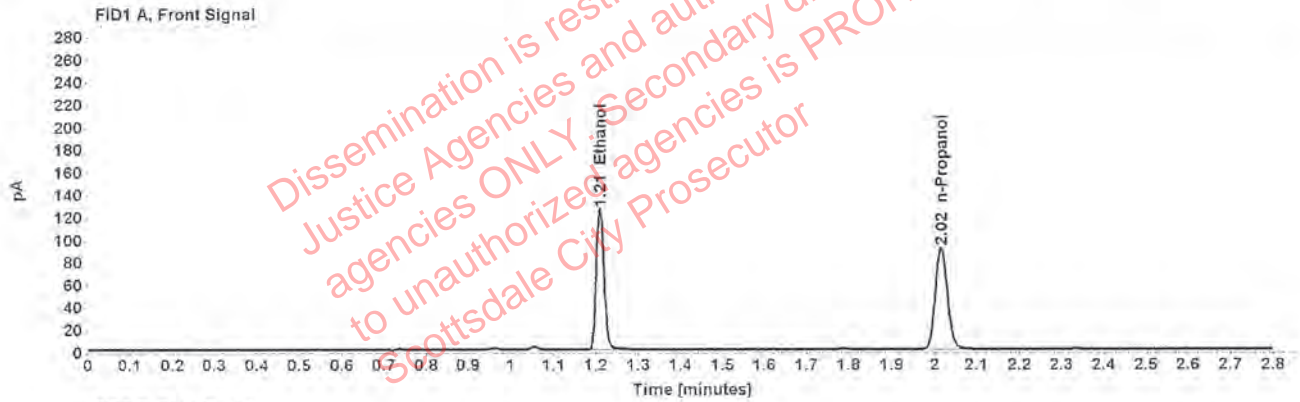


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2449	1.210	161.145
n-Propanol	-----	2.016	181.206

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

Compound	Time (min)	Peak Area
Ethanol	1.376	199.428
n-Propanol	2.470	218.076

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285139	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.m	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 3:49:32 PM
Data file:	C:\Chem321\Data\20Aug19\46.D	Analyst:	Kosecki

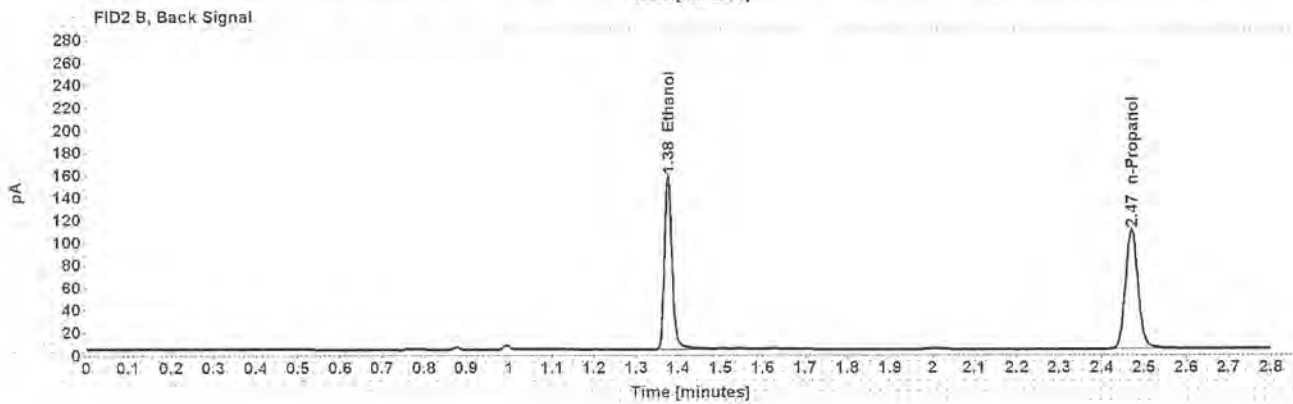
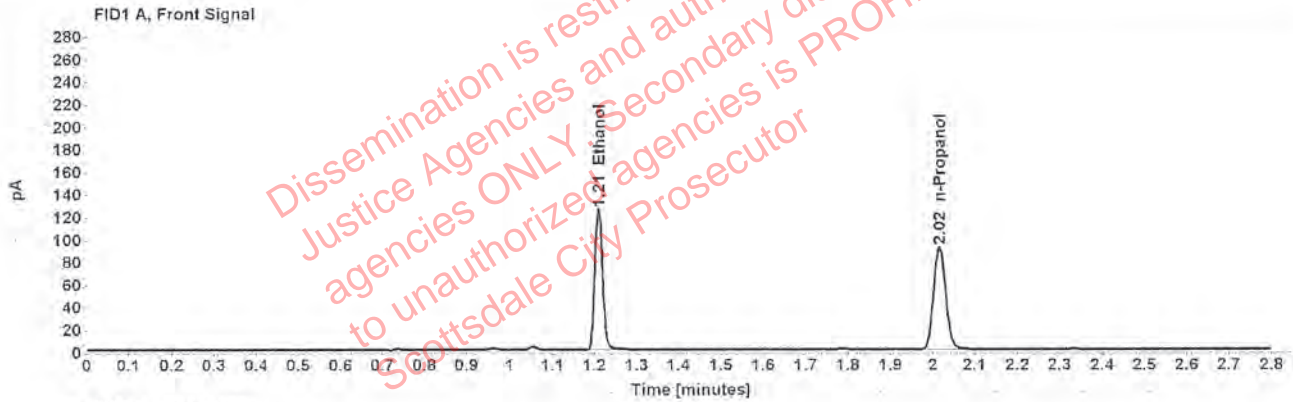


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2428	1.209	160.289
n-Propanol	-----	2.015	181.798

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

Compound	Time (min)	Peak Area
Ethanol	1.376	198.289
n-Propanol	2.470	218.864



Case: [REDACTED] User: pkosecki 8/20/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1282244	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 3:53:33 PM
Data file:	C:\Chem32\1\Data\20Aug19\47.D	Analyst:	Kosecki

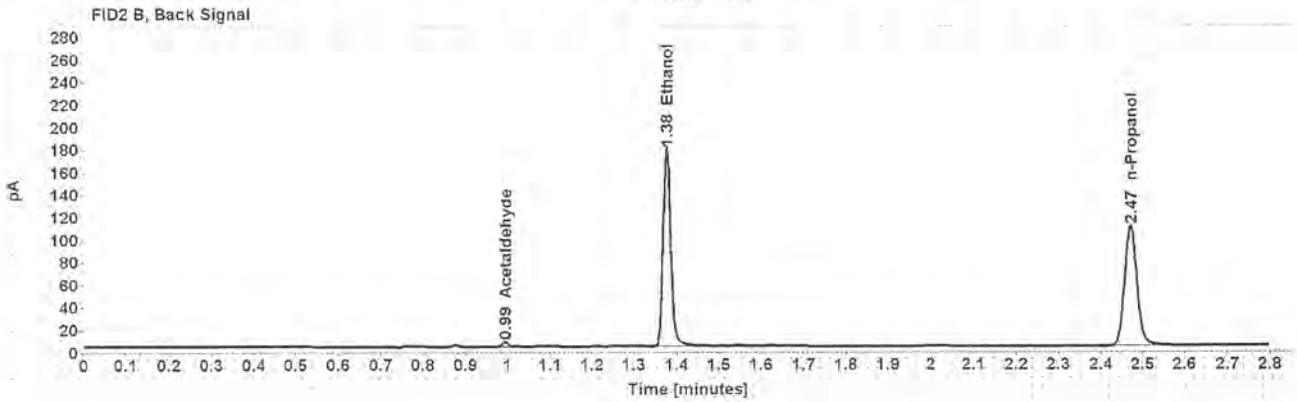
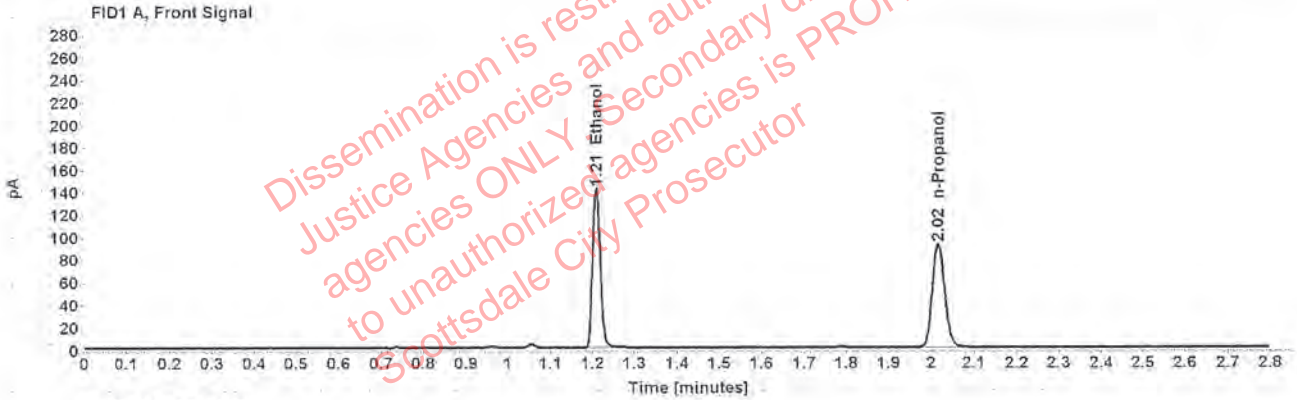


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2735	1.210	181.761
n-Propanol	-----	2.016	182.824

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.977
Ethanol	1.376	225.112
n-Propanol	2.471	220.036

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1282244	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 3:57:32 PM
Data file:	C:\Chem32\1\Data\20Aug19\48.D	Analyst:	Kosecki

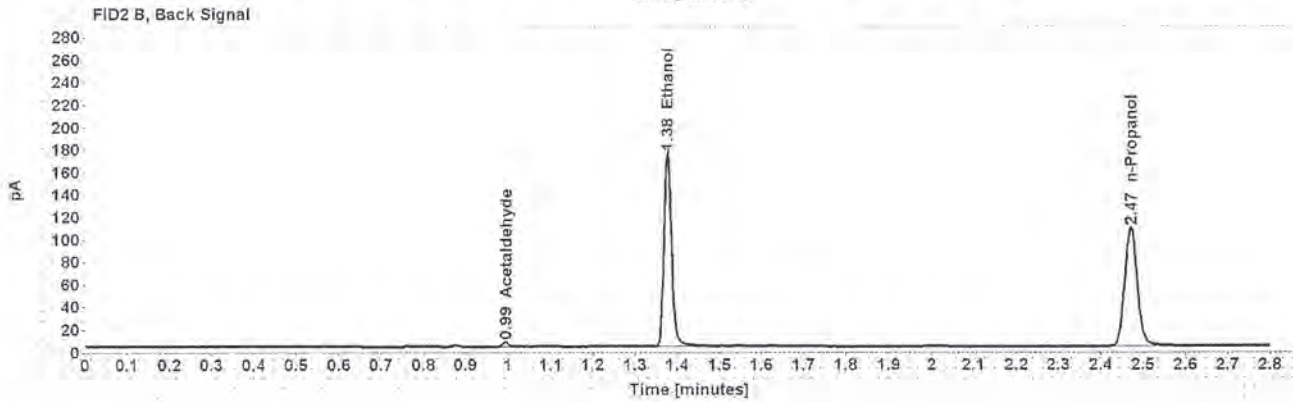
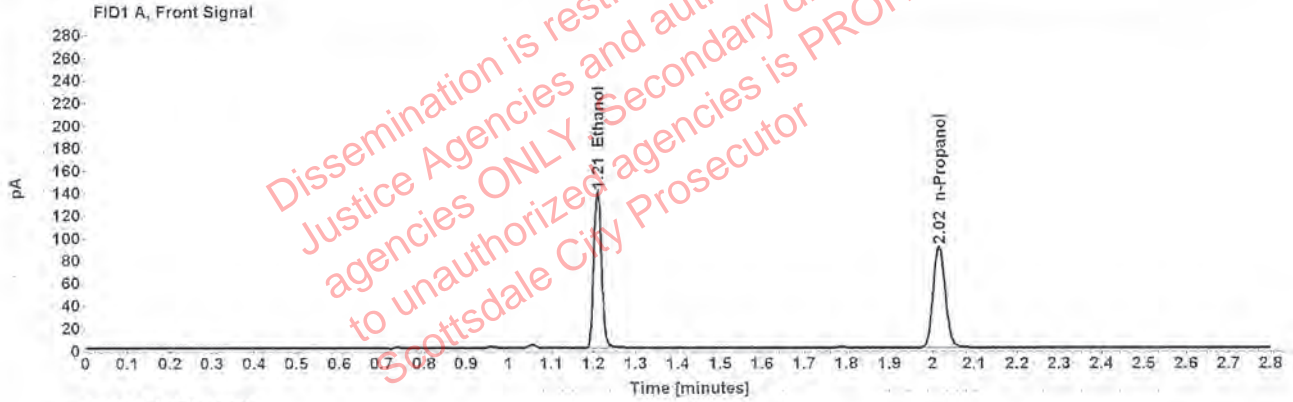


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2729	1.209	178.718
n-Propanol	---	2.016	180.144

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.933
Ethanol	1.376	221.295
n-Propanol	2.470	216.905

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1282365	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 4:01:48 PM
Data file:	C:\Chem3211\Data\20Aug19\49.D	Analyst:	Kosecki

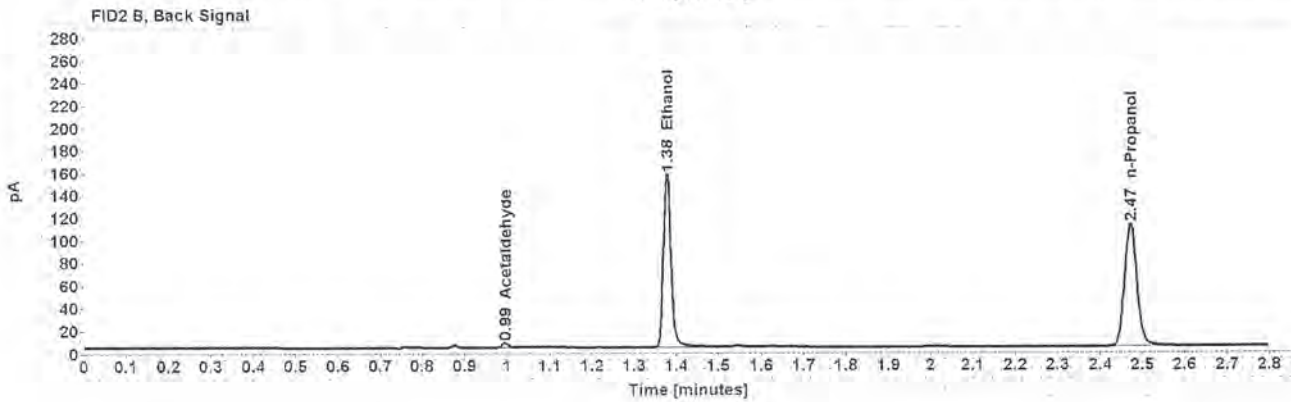
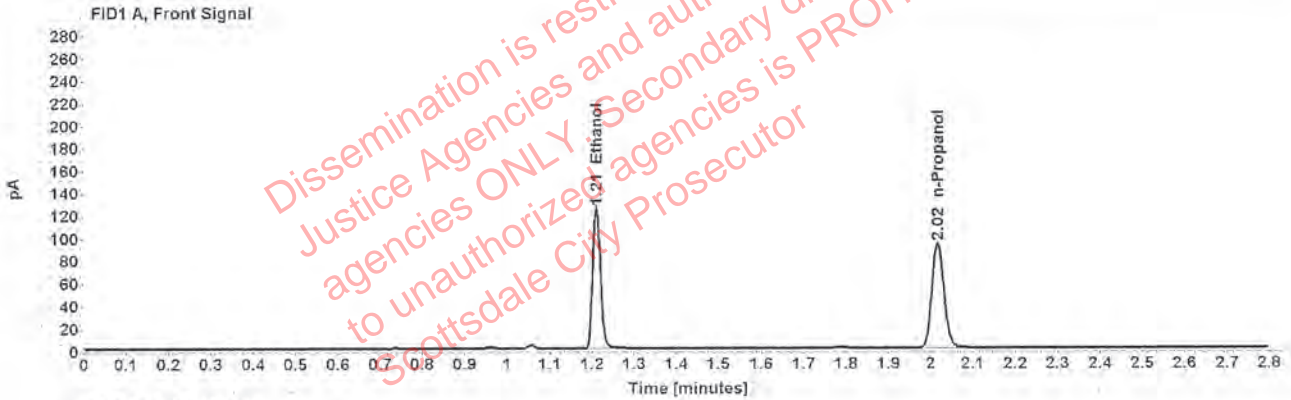


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2385	1.210	160.940
n-Propanol	---	2.016	185.860

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.107
Ethanol	1.377	199.075
n-Propanol	2.471	223.703

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1282365	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 4:05:49 PM
Data file:	C:\Chem3211\Data\20Aug19\50.D	Analyst:	Kosecki

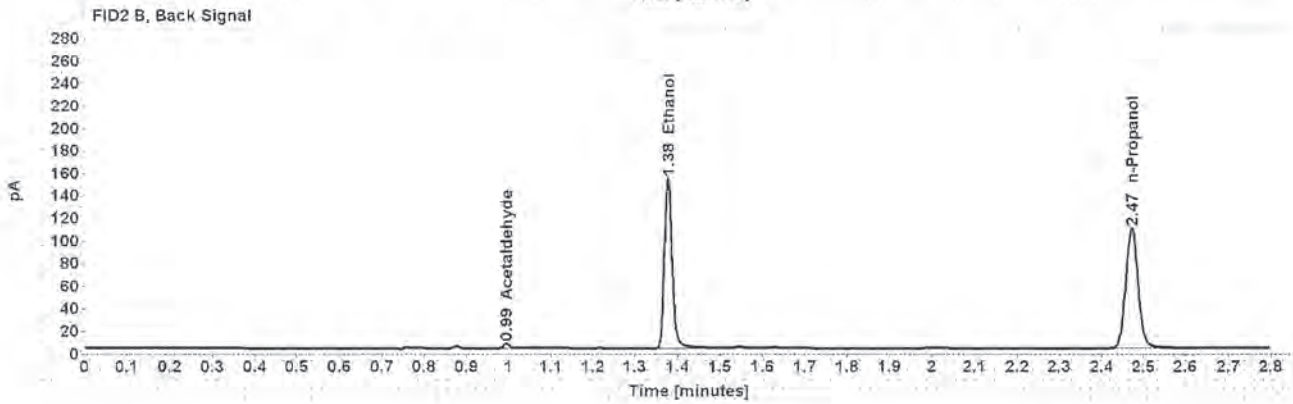
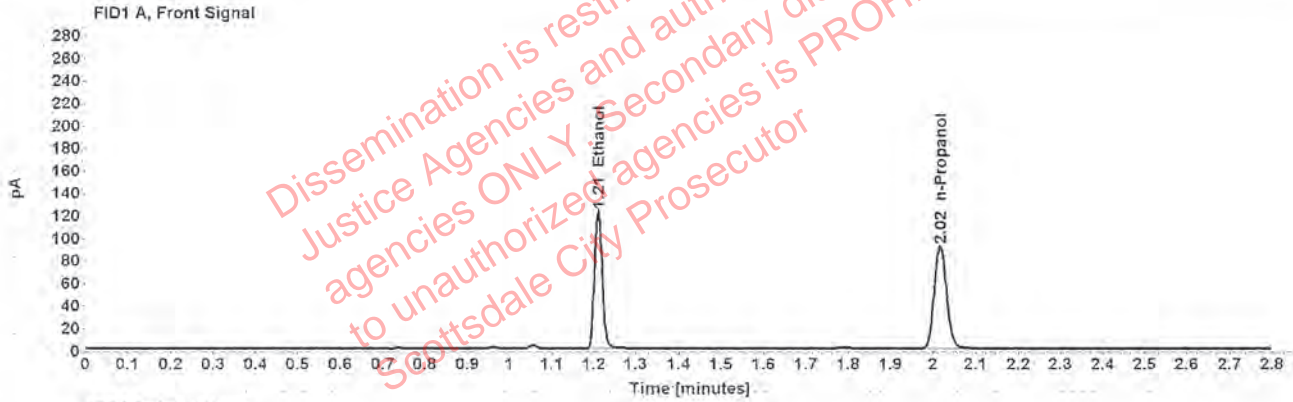


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2375	1.210	157.298
n-Propanol	-----	2.016	182.363

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.095
Ethanol	1.377	194.677
n-Propanol	2.471	219.481

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1282071	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 4:09:48 PM
Data file:	C:\Chem32\1\Data\20Aug19\51.D	Analyst:	Kosecki

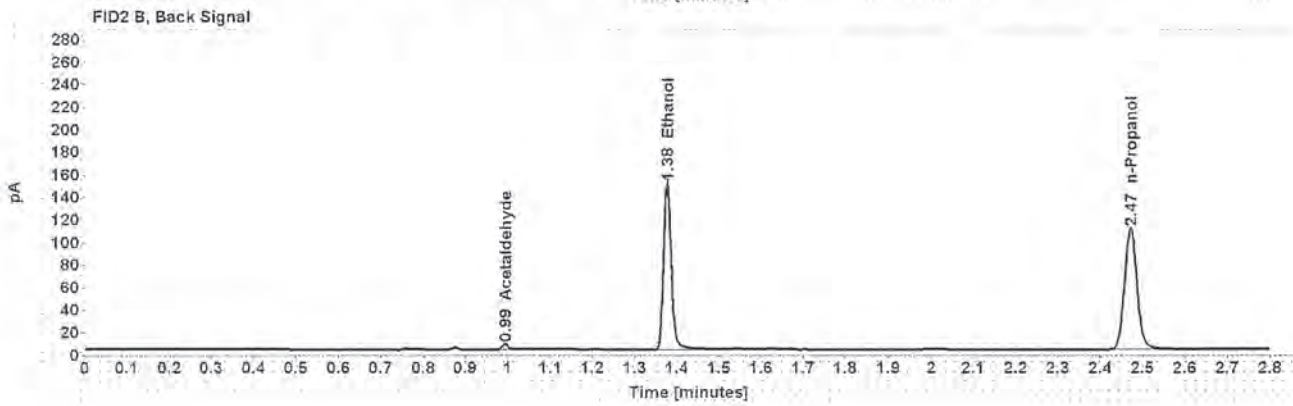
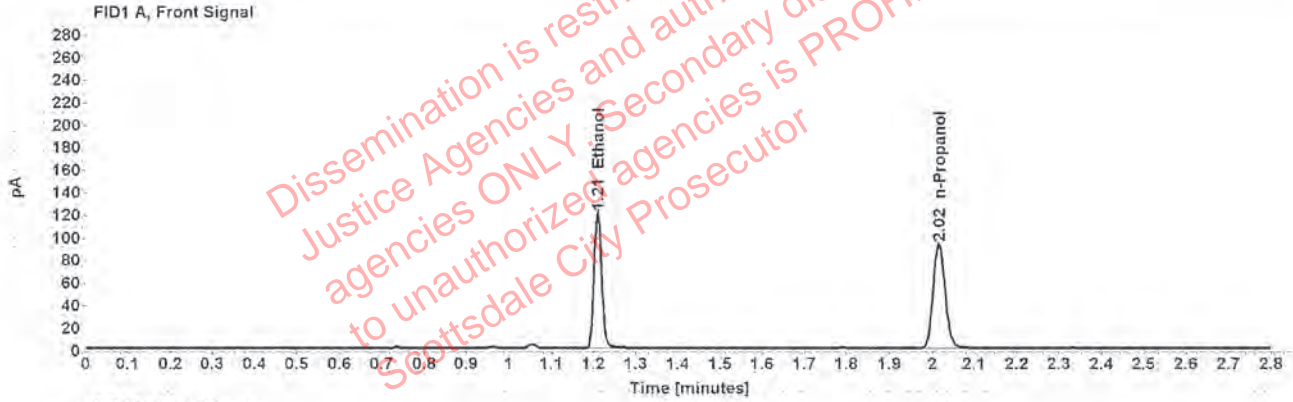


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2304	1.210	154.450
n-Propanol	-----	2.016	184.686

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.512
Ethanol	1.376	191.169
n-Propanol	2.471	222.578

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1282071	Vial:	52
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	20Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/20/2019 4:13:47 PM
Data file:	C:\Chem3211\Data\20Aug19\52.D	Analyst:	Kosecki

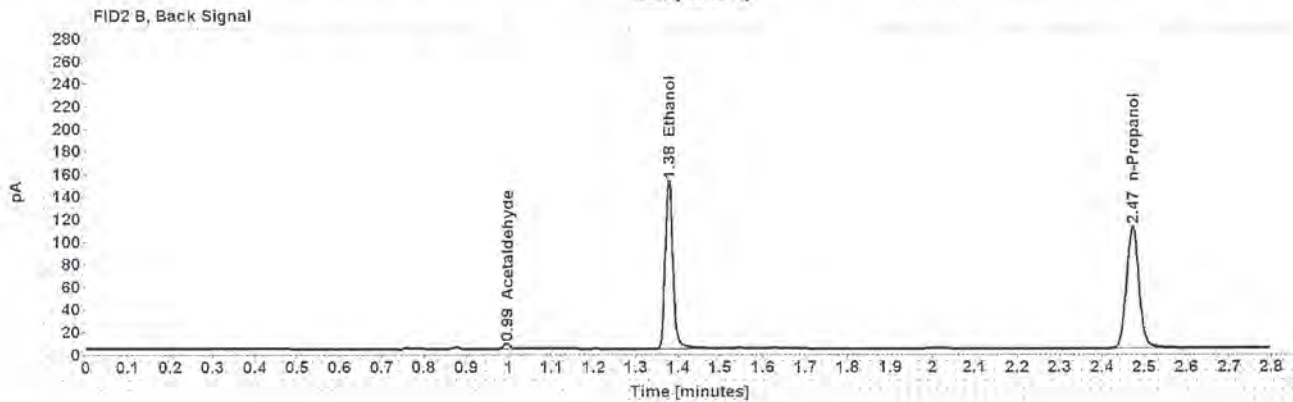
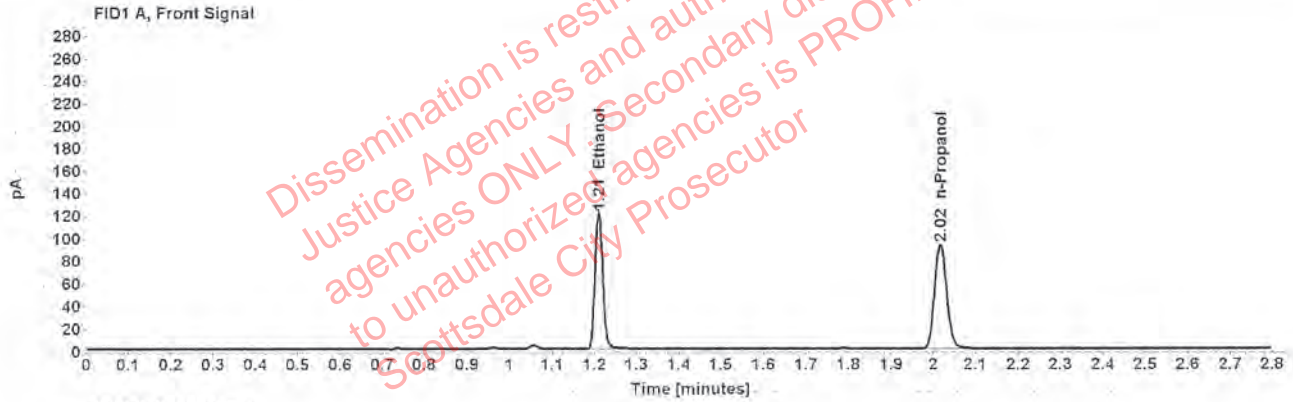


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2318	1.210	155.830
n-Propanol	-----	2.017	185.179

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.485
Ethanol	1.377	192.702
n-Propanol	2.472	223.056