

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 11/23/22 SEQUENCE NAME 23Nov22

**EQUIPMENT**

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

**INSTRUMENT CALIBRATION**

Vial 1 0.02 calibrator Lot FN10051909 Coefficient of determination (r<sup>2</sup>)  
 Vial 2 0.10 calibrator Lot FN05311902 0.99933  
 Vial 3 0.20 calibrator Lot FN02052101  
 Vial 4 0.40 calibrator Lot FN03052102

**CALIBRATION VERIFICATION AND RESOLUTION TEST**

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 100722AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.393 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.044 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.195 g/dL	ACQ 4110320133/8
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
42	Aqueous control			
43	Aqueous control			
44	Blood control			
45	Blank			

**SUBJECT SAMPLES**

Subjects in the sequence 15 Subjects requiring reanalysis 15

**ADDITIONAL NOTES:** This run was aborted immediately following injection of vial position 31 due to a control failure.

Run valid  Run invalid  [Signature] Analyst  
 Run valid  Run invalid  \_\_\_\_\_ Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

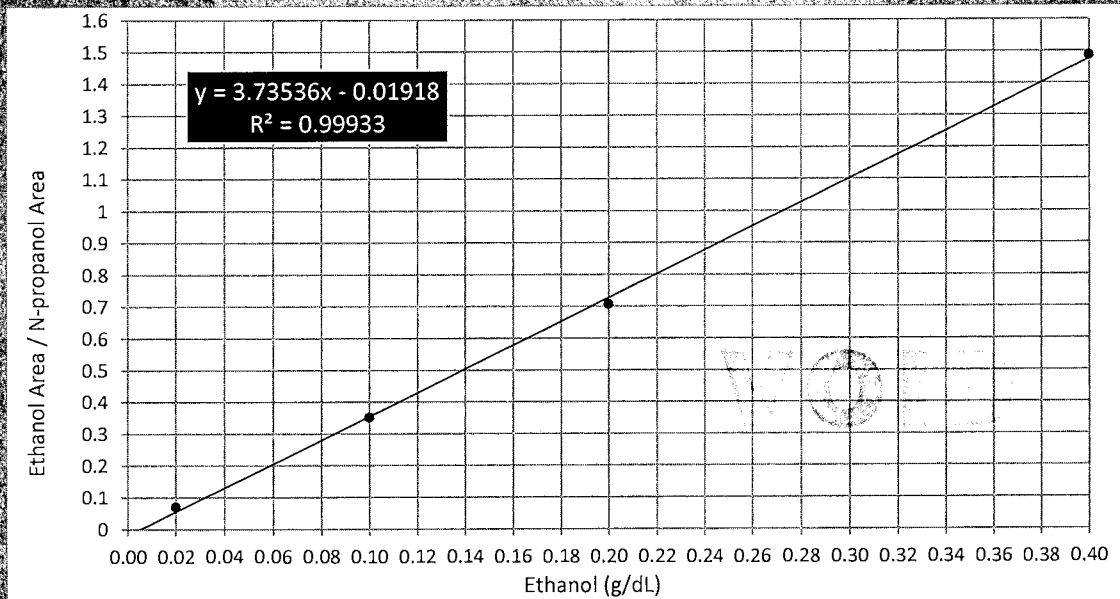
SEQUENCE NAME: 23Nov22

ANALYST: Abbott JA

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 100722AQ	5	negative	negative	-	-
0.400 Lipomed 11092018-A	7	0.393	0.400	1.75	-0.007
0.040 Lipomed 14082019-B	8	0.044	0.040	10.00	0.004
0.199 ACQ 4110320133/8	9	0.195	0.199	2.01	-0.004
0.080 Lipomed 20012020-B	20	0.081	0.080	1.25	0.001
0.080 Lipomed 20012020-B	31	0.081	0.080	1.25	0.001
0.400 Lipomed 11092018-A	42				
0.040 Lipomed 14082019-B	43				
0.199 ACQ 4110320133/8	44				
blank 101921WB	45				-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.588	167.220	0.069
0.100	58.046	165.384	0.351
0.200	116.675	165.076	0.707
0.400	261.828	176.236	1.486

**Calibration Line**



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN10051909	<b>Vial:</b> 1
<b>Description:</b> 0.020 calibrator	<b>Sequence:</b> 23Nov22
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/23/2022 11:44:36 AM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott
<b>Data file:</b> C:\Chem32\1\Data\23Nov22\1.D	

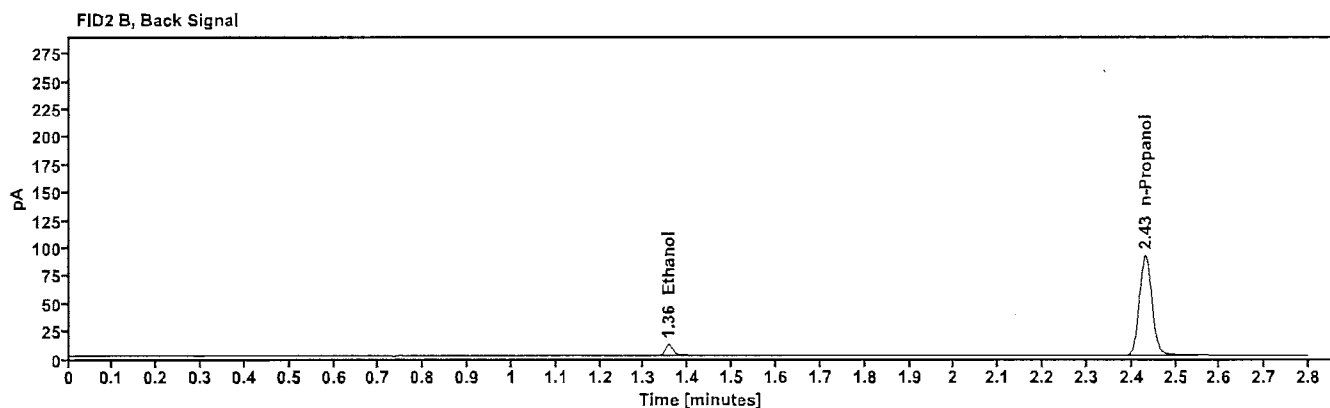
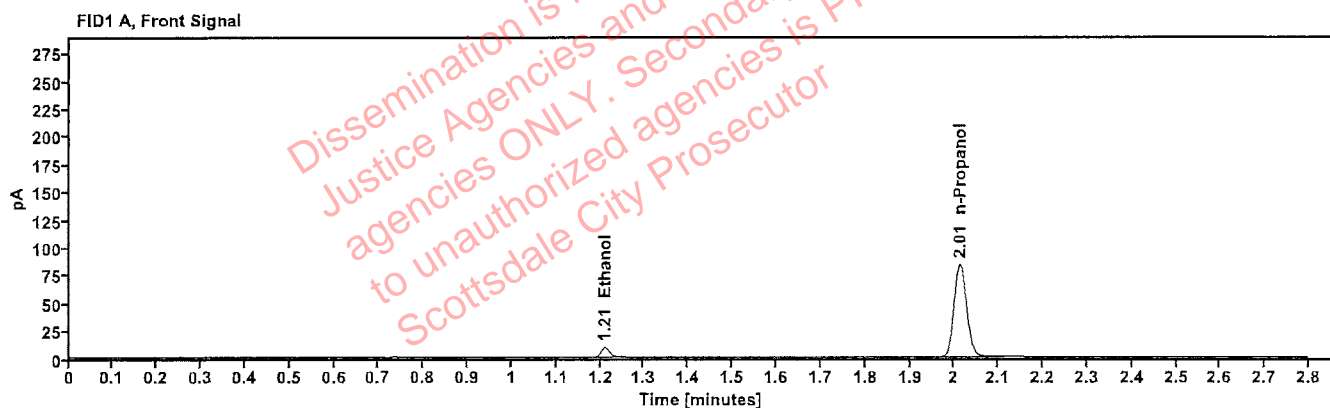


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	11.588
n-Propanol	2.013	167.220

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

Compound	Time (min)	Peak Area
Ethanol	1.355	12.416
n-Propanol	2.431	180.457

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05311902	<b>Vial:</b> 2
<b>Description:</b> 0.100 calibrator	<b>Sequence:</b> 23Nov22
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/23/2022 11:48:36 AM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott
<b>Data file:</b> C:\Chem32\1\Data\23Nov22\2.D	

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

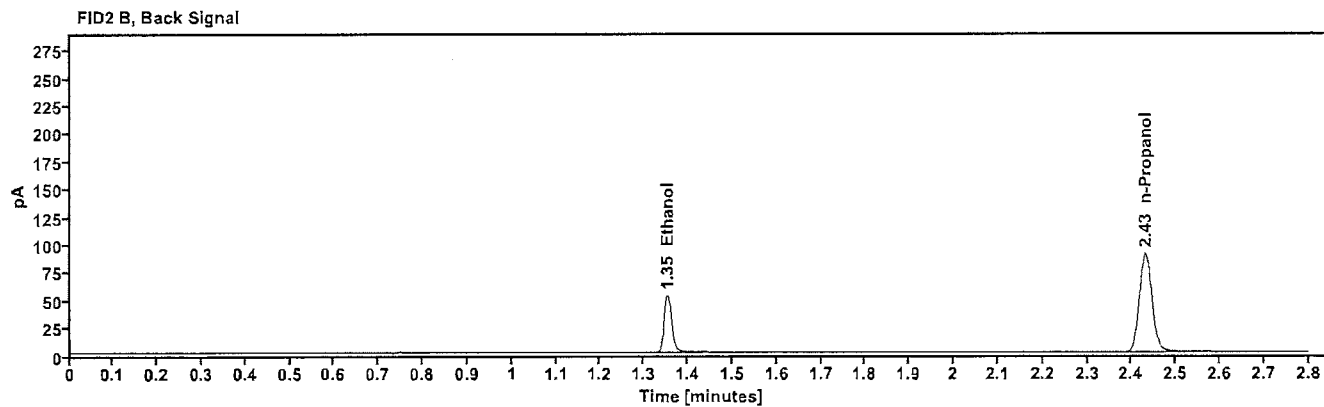
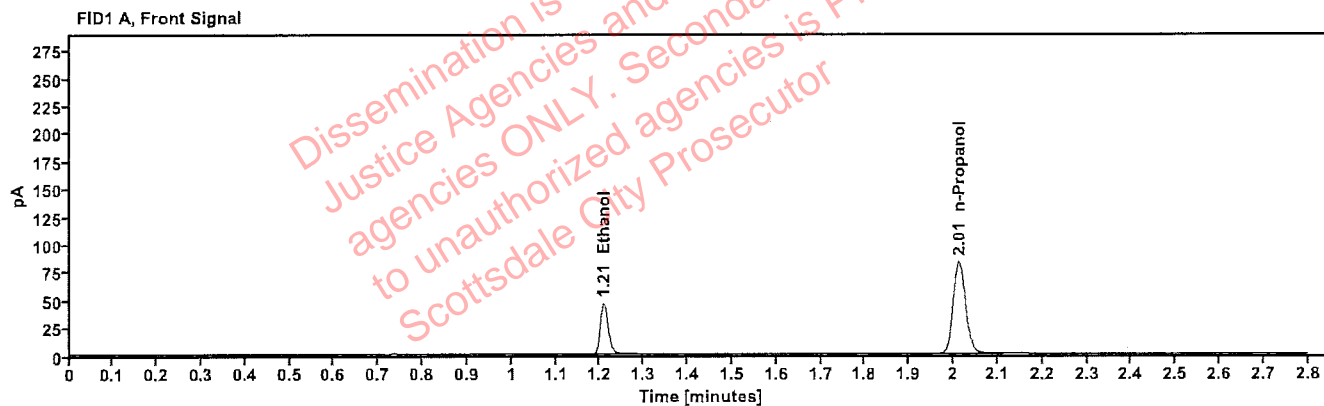


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	58.046
n-Propanol	2.013	165.384

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

Compound	Time (min)	Peak Area
Ethanol	1.353	63.020
n-Propanol	2.431	178.420

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN02052101	<b>Vial:</b> 3
<b>Description:</b> 0.200 calibrator	<b>Sequence:</b> 23Nov22
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/23/2022 11:52:37 AM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>JA</i>
<b>Data file:</b> C:\Chem32\1\Data\23Nov22\3.D	

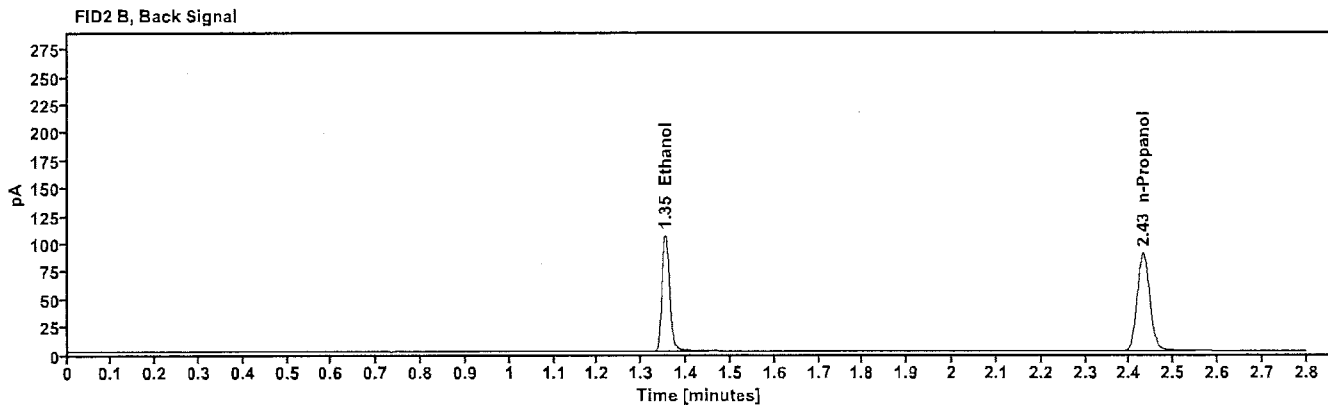
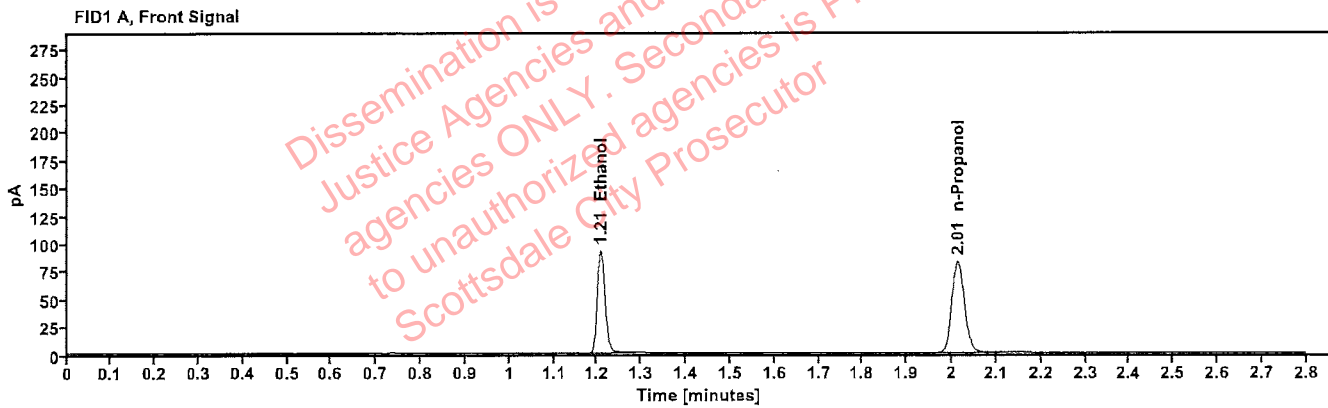


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	116.675
n-Propanol	2.013	165.076

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

Compound	Time (min)	Peak Area
Ethanol	1.353	127.424
n-Propanol	2.431	178.172

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN03052102	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 23Nov22
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/23/2022 11:56:37 AM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>JA</i>
<b>Data file:</b> C:\Chem32\1\Data\23Nov22\4.D	

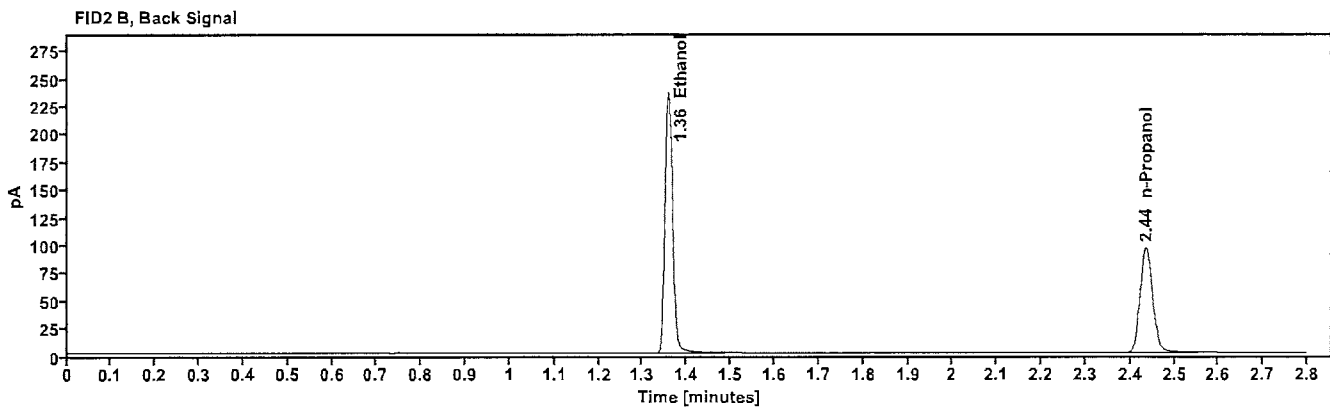
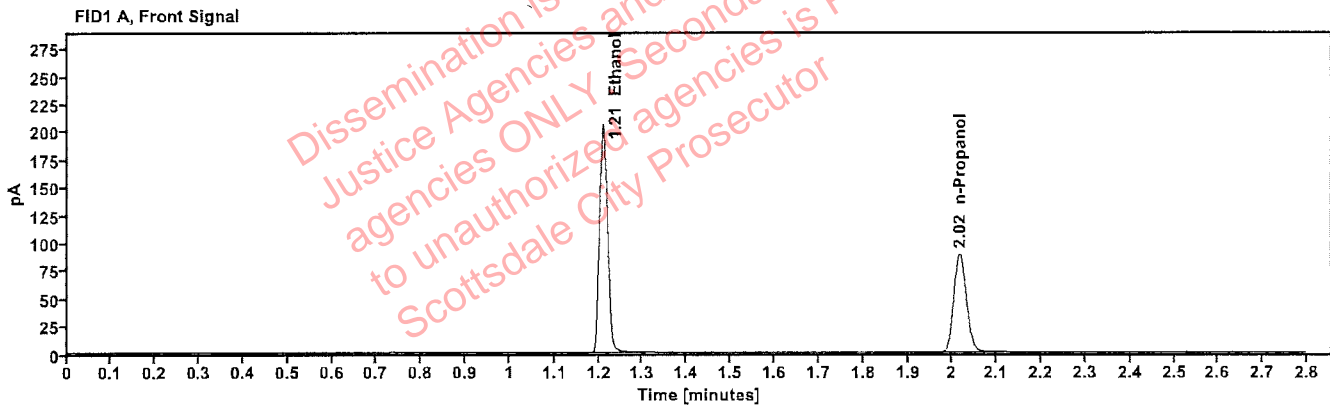


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	261.828
n-Propanol	2.016	176.236

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

Compound	Time (min)	Peak Area
Ethanol	1.358	287.425
n-Propanol	2.436	189.967

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 100722AQ	<b>Vial:</b> 5
<b>Description:</b> Negative	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 23Nov22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/23/2022 12:00:36 PM
<b>Data file:</b> C:\Chem32\1\Data\23Nov22\5.D	<b>Analyst:</b> Abbott <i>DA</i>

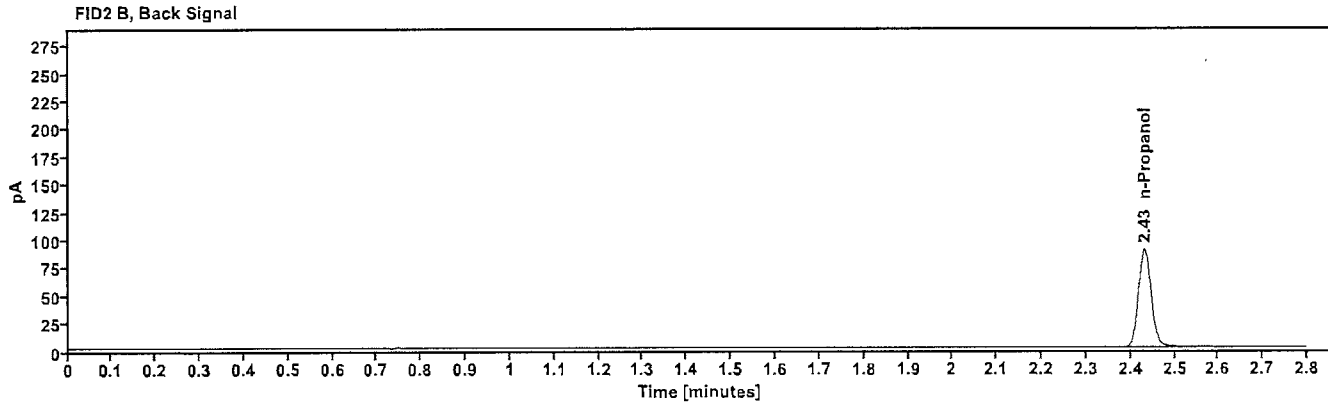
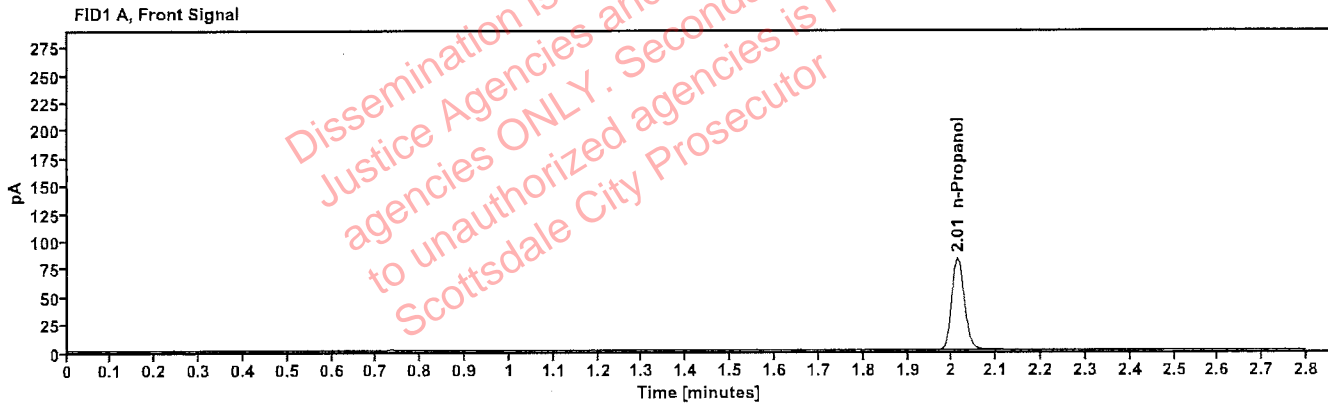


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.013	164.632

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

Compound	Time (min)	Peak Area
n-Propanol	2.431	177.593

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 050721MIX	<b>Vial:</b> 6
<b>Description:</b> Volatiles mix	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 23Nov22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/23/2022 12:04:36 PM
<b>Data file:</b> C:\Chem32\1\Data\23Nov22\6.D	<b>Analyst:</b> Abbott <i>JA</i>

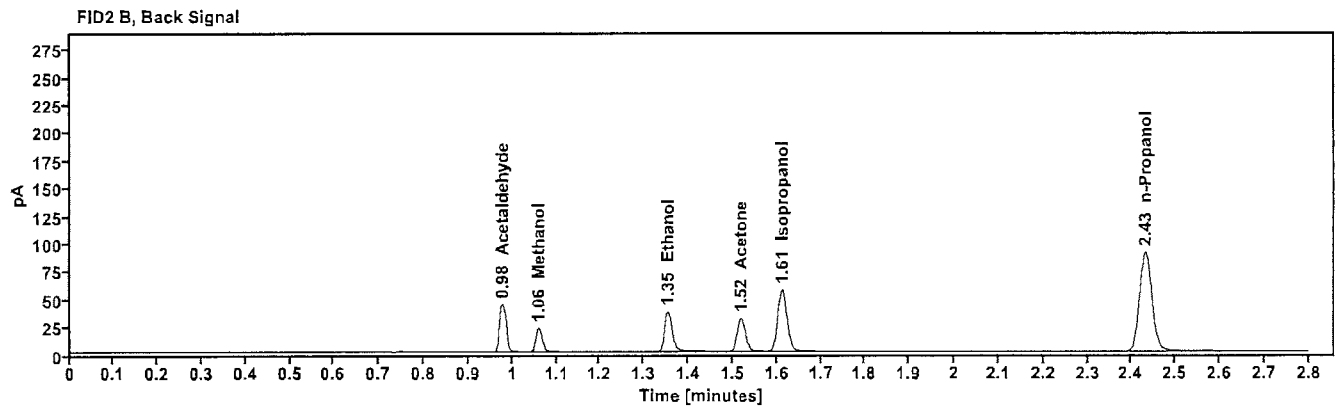
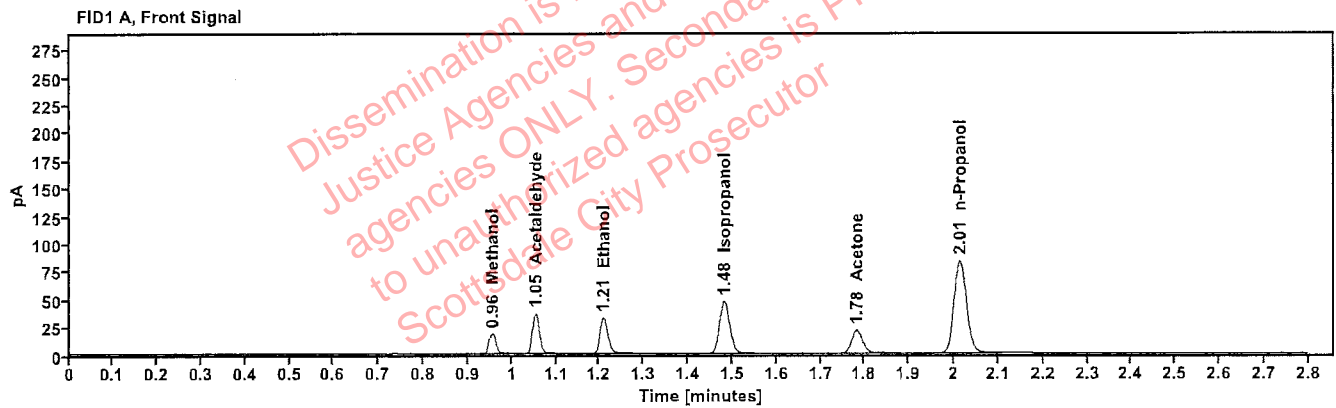


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.955	20.513
Acetaldehyde	-----	1.053	39.924
>Ethanol	0.0712	1.209	41.005
Isopropanol	-----	1.482	75.282
Acetone	-----	1.782	35.842
n-Propanol	-----	2.013	166.280

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.978	44.567
Methanol	1.060	22.491
Ethanol	1.354	44.494
Acetone	1.519	39.386
Isopropanol	1.612	83.202
n-Propanol	2.432	179.494



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 23Nov22
Instrument: US14173023 CN14160045	Injection date: 11/23/2022 12:08:51 PM
Data file: C:\Chem32\1\Data\23Nov22\7.D	Analyst: Abbott <span style="float: right;">DA</span>

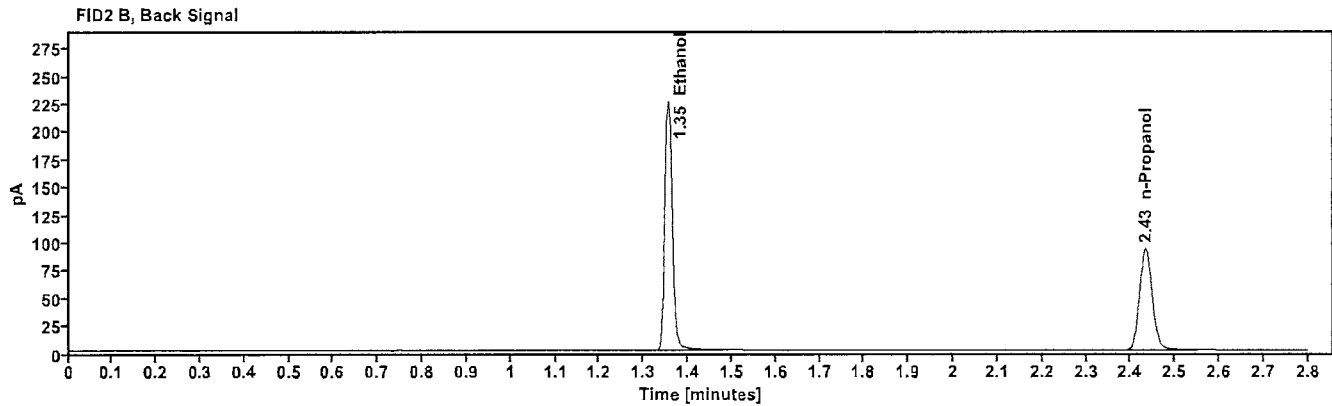
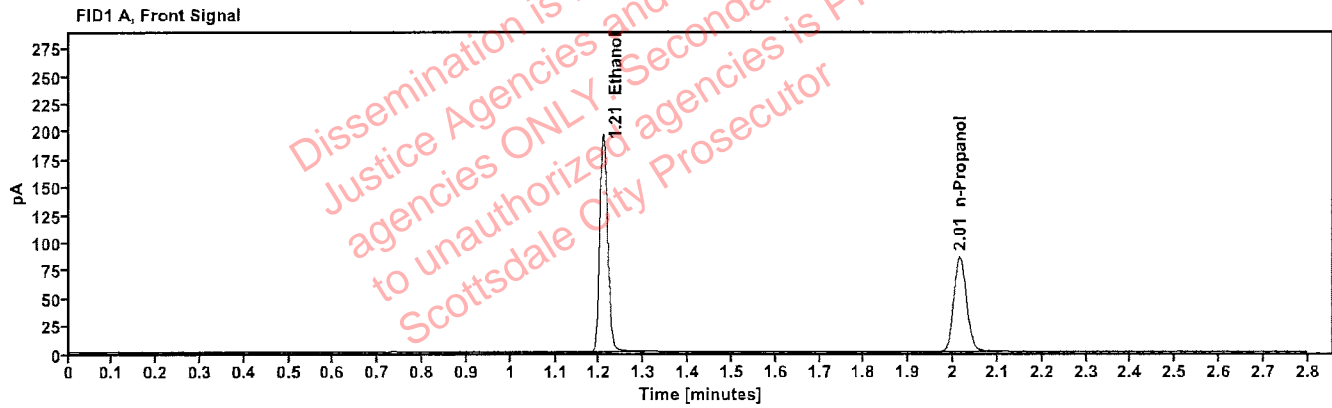


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3939	1.208	247.297
n-Propanol	-----	2.014	170.281

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

Compound	Time (min)	Peak Area
Ethanol	1.355	271.484
n-Propanol	2.433	183.798

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 14082019-B	<b>Vial:</b> 8
<b>Description:</b> 0.040	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 23Nov22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/23/2022 12:12:52 PM
<b>Data file:</b> C:\Chem32\1\Data\23Nov22\8.D	<b>Analyst:</b> Abbott <i>DA</i>

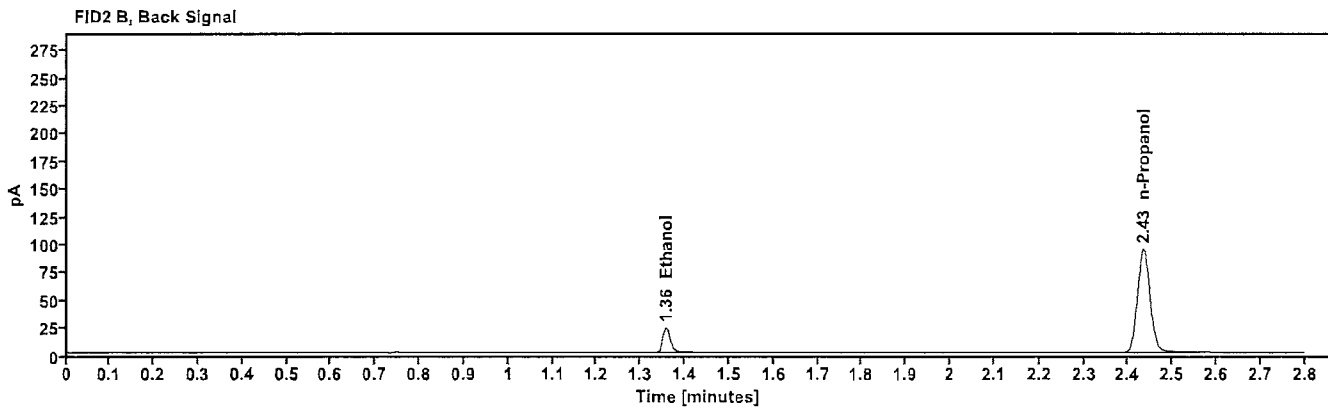
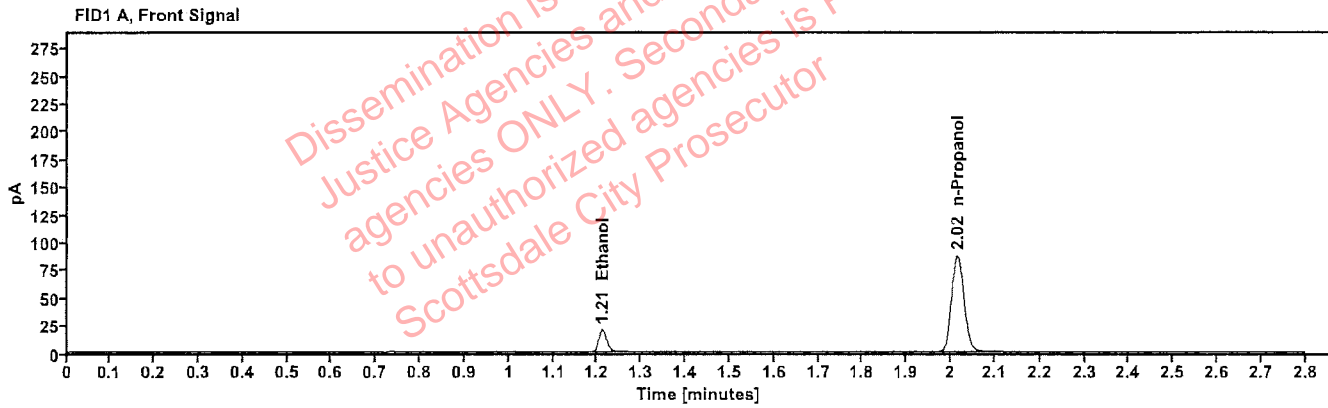


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0440	1.211	25.145
n-Propanol	-----	2.015	173.132

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

Compound	Time (min)	Peak Area
Ethanol	1.357	27.217
n-Propanol	2.434	186.872

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 4110320133/8	<b>Vial:</b> 9
<b>Description:</b> 0.199	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 23Nov22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/23/2022 12:16:52 PM
<b>Data file:</b> C:\Chem32\1\Data\23Nov22\9.D	<b>Analyst:</b> Abbott

*JA*

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

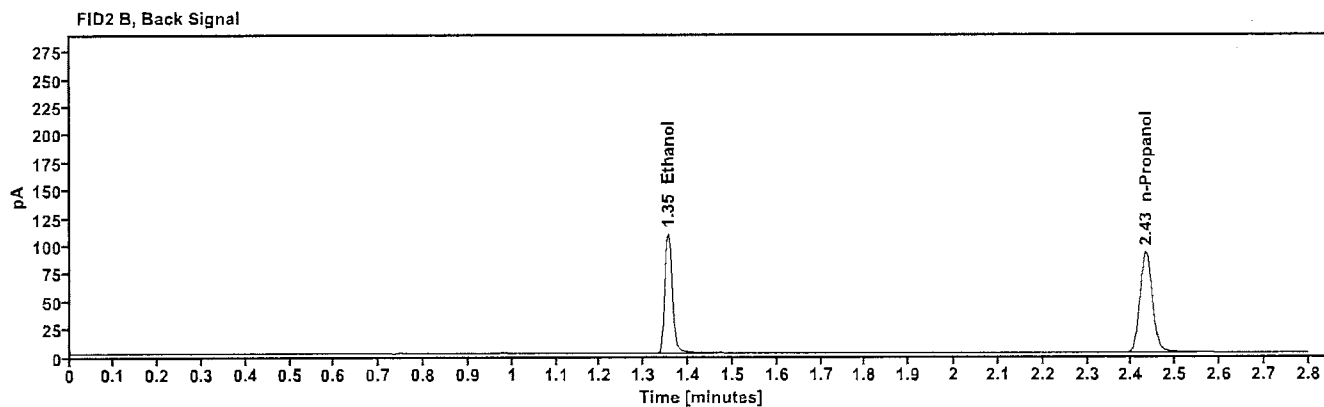
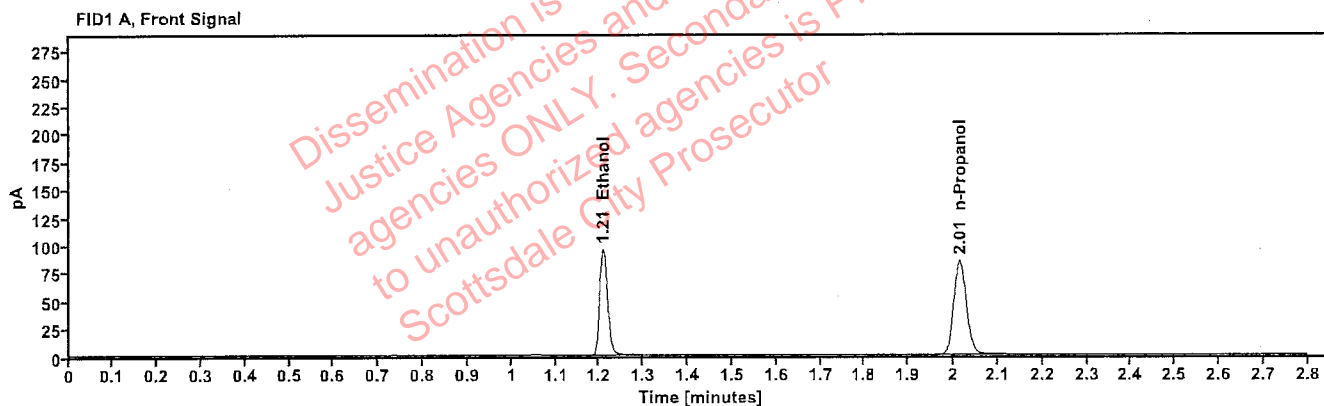


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1959	1.208	120.252
n-Propanol	-----	2.014	168.794

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

Compound	Time (min)	Peak Area
Ethanol	1.354	131.670
n-Propanol	2.433	182.143

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 20012020-B	<b>Vial:</b> 20
<b>Description:</b> 0.080	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 23Nov22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/23/2022 1:01:22 PM
<b>Data file:</b> C:\Chem32\1\Data\23Nov22\20.D	<b>Analyst:</b> Abbott <i>JA</i>

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

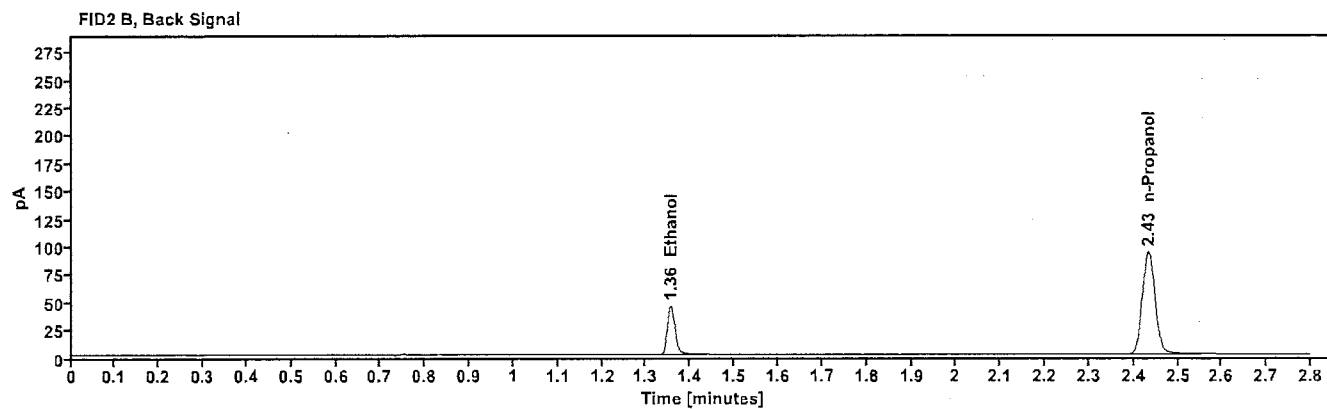
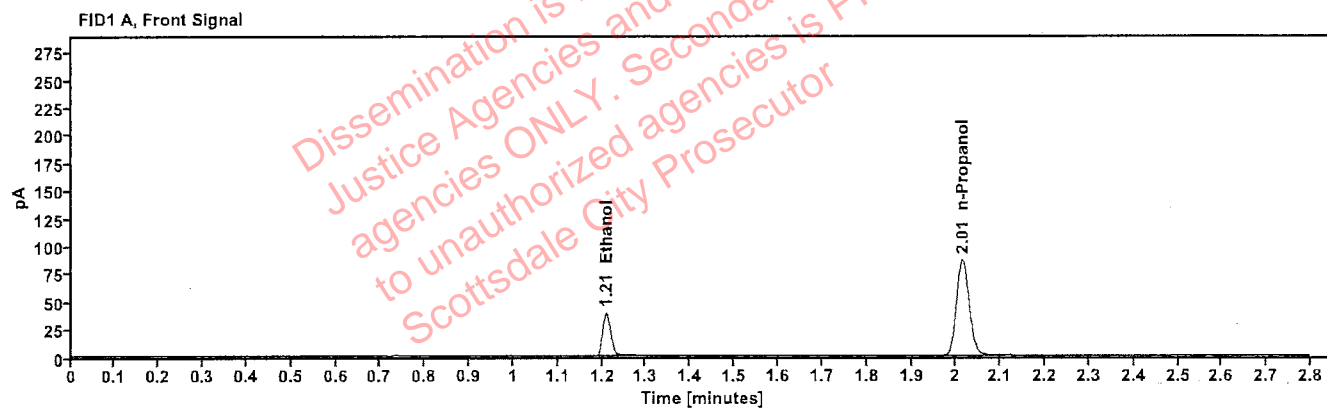


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0817	1.210	49.162
n-Propanol	----	2.014	171.797

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

Compound	Time (min)	Peak Area
Ethanol	1.356	53.493
n-Propanol	2.433	185.320

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 20012020-B	<b>Vial:</b> 31
<b>Description:</b> 0.080	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 23Nov22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/23/2022 1:45:51 PM
<b>Data file:</b> C:\Chem32\1\Data\23Nov22\31.D	<b>Analyst:</b> Abbott <span style="float: right;">JA</span>

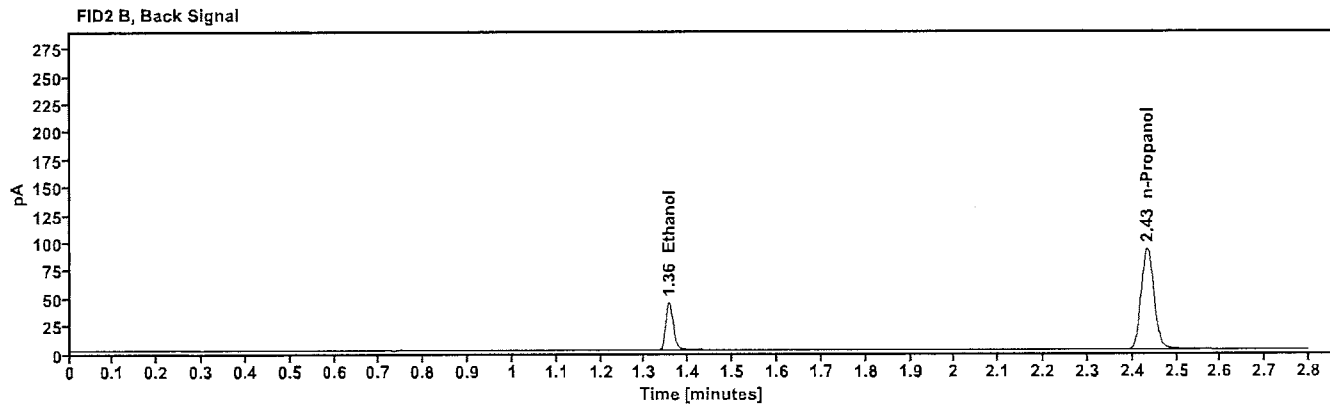
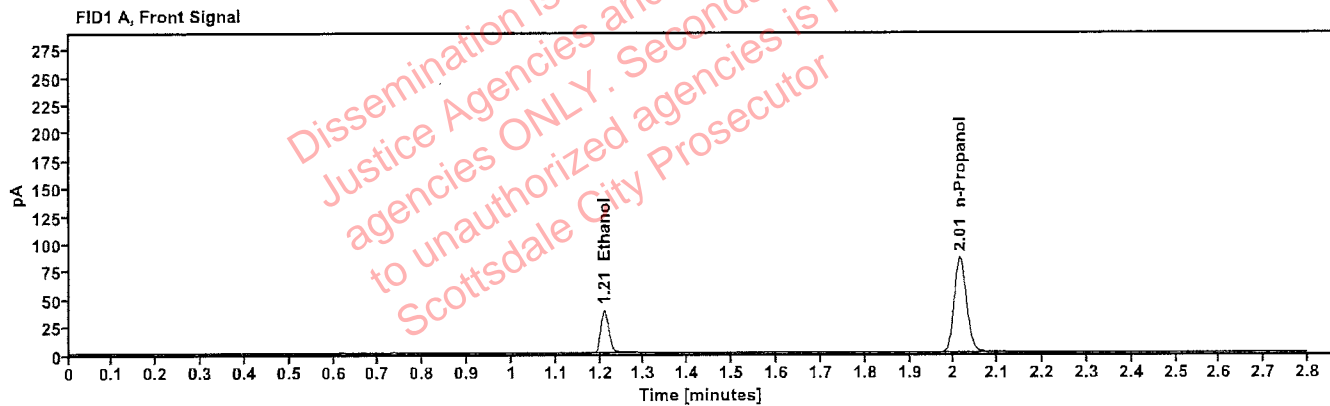


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0819	1.210	48.709
n-Propanol	-----	2.014	169.937

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

Compound	Time (min)	Peak Area
Ethanol	1.356	52.923
n-Propanol	2.433	183.502

# Sequence Summary

Sequence name: 23Nov22      Instrument: US14173023 CN14160045      Analyst: Abbott *JA*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN10051909	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN02052101	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	100722AQ	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/8	0.199	Control		ethanol quant.M
10	2221383-1		Sample		ethanol quant.M
11	2221383-1		Sample		ethanol quant.M
12	2221963-2		Sample		ethanol quant.M
13	2221963-2		Sample		ethanol quant.M
14	2221907-2		Sample		ethanol quant.M
15	2221907-2		Sample		ethanol quant.M
16	2221460-2		Sample		ethanol quant.M
17	2221460-2		Sample		ethanol quant.M
18	2221977-2		Sample		ethanol quant.M
19	2221977-2		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	405-01L.M.		Sample		ethanol quant.M
22	405-01L.M.		Sample		ethanol quant.M
23	382-01A.G.		Sample		ethanol quant.M
24	382-01A.G.		Sample		ethanol quant.M
25	2221584-3		Sample		ethanol quant.M
26	2221584-3		Sample		ethanol quant.M
27	2222150-2		Sample		ethanol quant.M
28	2222150-2		Sample		ethanol quant.M
29	2222014-2		Sample		ethanol quant.M
30	2222014-2		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M

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



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221383-1	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/23/2022 12:20:51 PM
Data file:	C:\Chem32\1\Data\23Nov22\10.D	Analyst:	Abbott

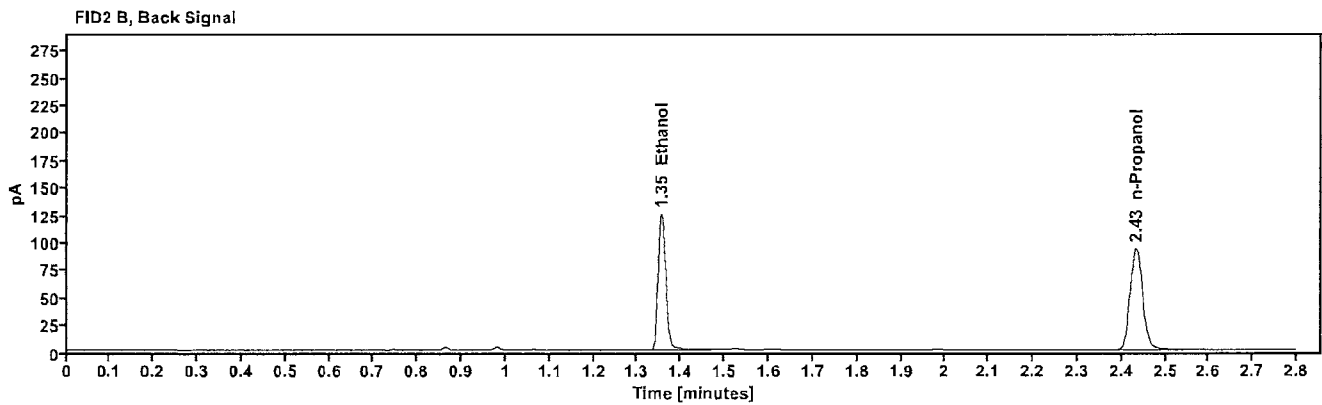
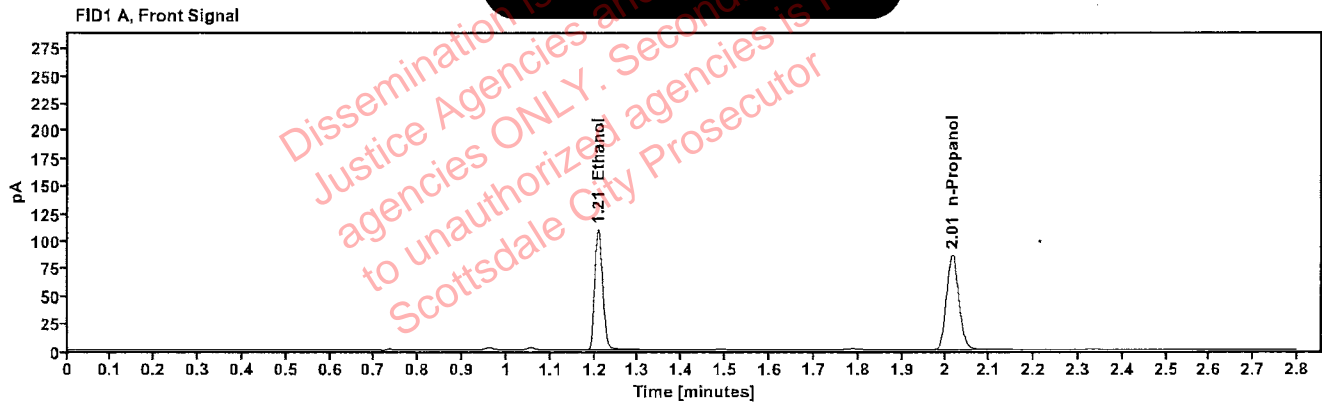


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2208	1.209	137.777
n-Propanol	-----	2.014	171.034

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

Compound	Time (min)	Peak Area
Ethanol	1.355	150.637
n-Propanol	2.433	184.331



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221383-1	Vial:	11
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/23/2022 12:24:52 PM
Data file:	C:\Chem32\1\Data\23Nov22\11.D	Analyst:	Abbott

VOID

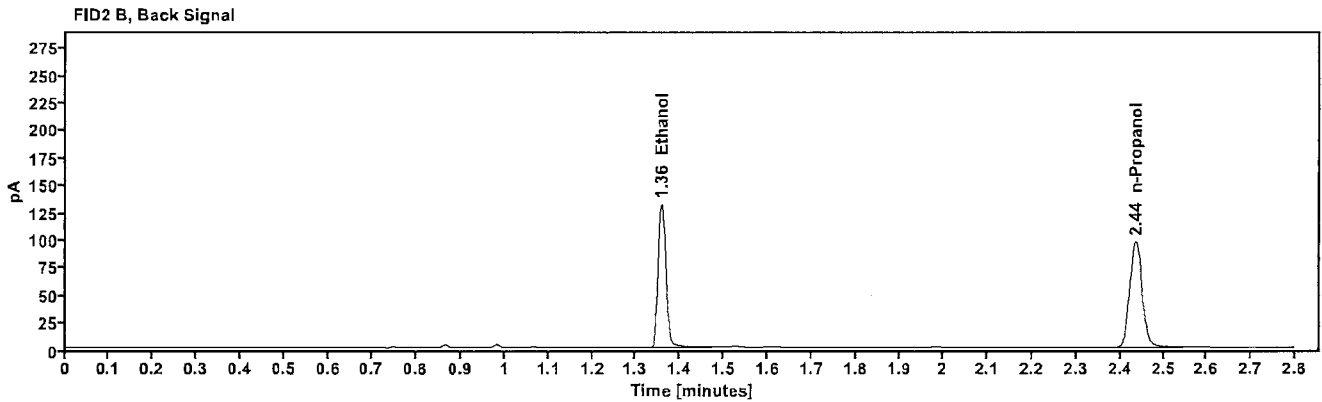
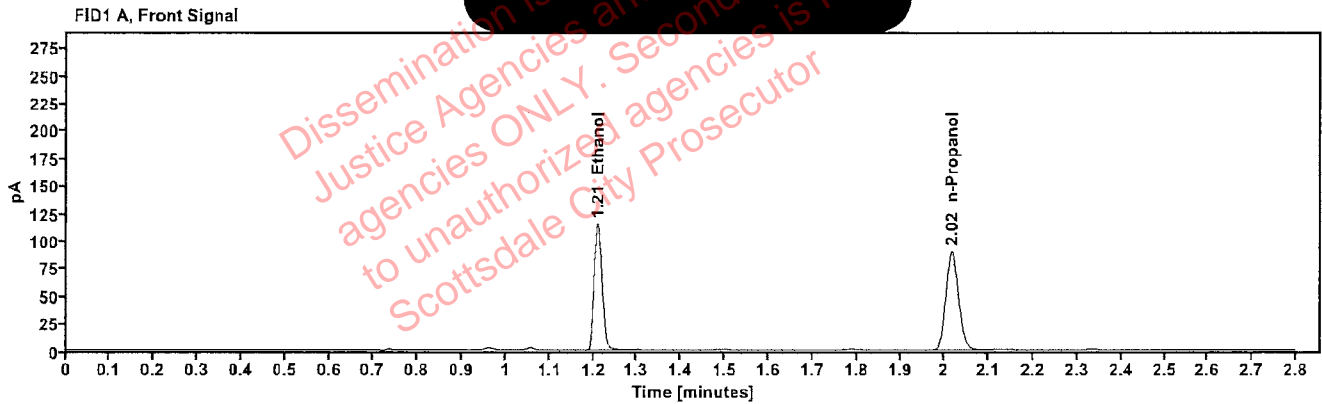


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2241	1.210	146.185
n-Propanol	-----	2.016	178.707

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

Compound	Time (min)	Peak Area
Ethanol	1.358	161.356
n-Propanol	2.436	192.614

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221963-2	Vial:	12
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/23/2022 12:28:52 PM
Data file:	C:\Chem32\1\Data\23Nov22\12.D	Analyst:	Abbott

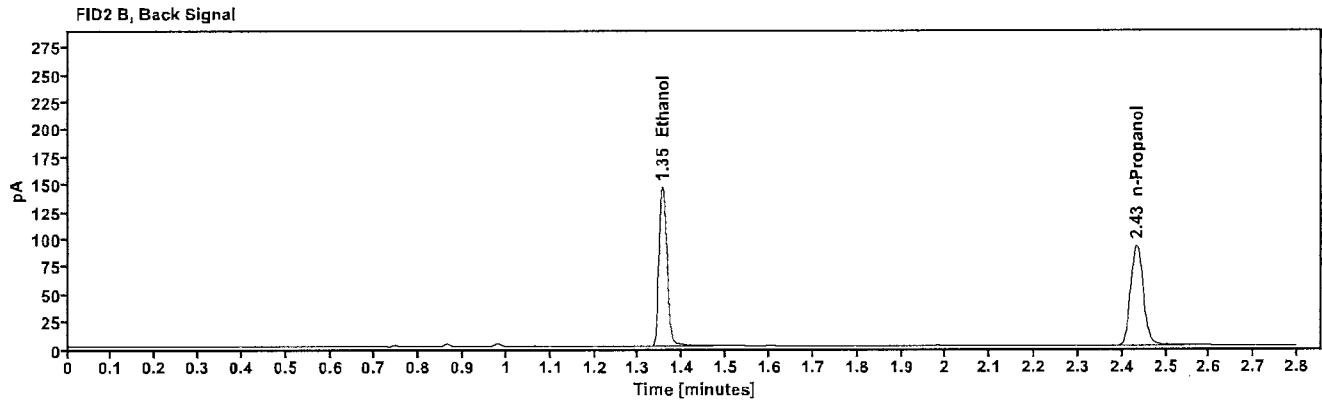
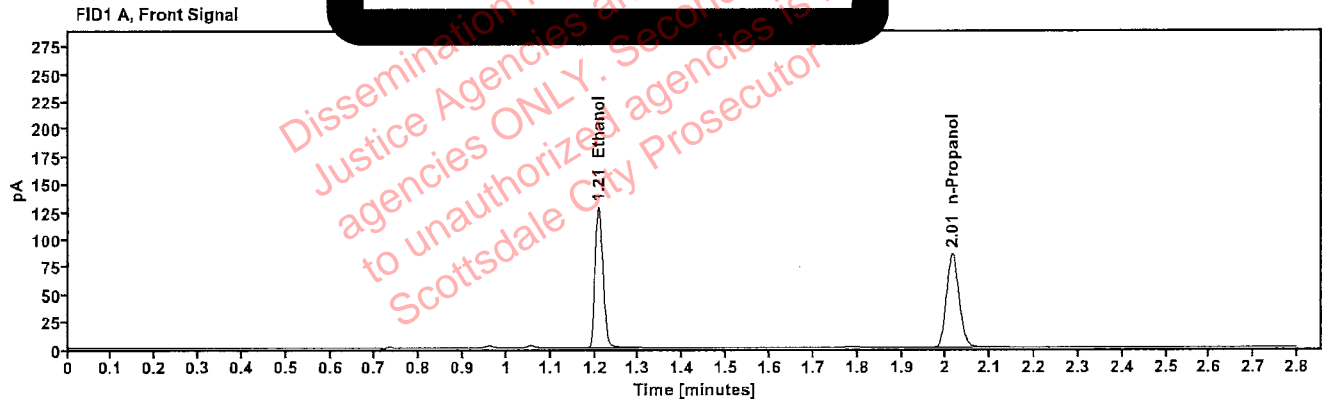


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2600	1.208	161.100
n-Propanol	---	2.014	169.204

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

Compound	Time (min)	Peak Area
Ethanol	1.355	176.295
n-Propanol	2.433	181.750

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221963-2	Vial:	13
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/23/2022 12:33:06 PM
Data file:	C:\Chem32\1\Data\23Nov22\13.D	Analyst:	Abbott

Void

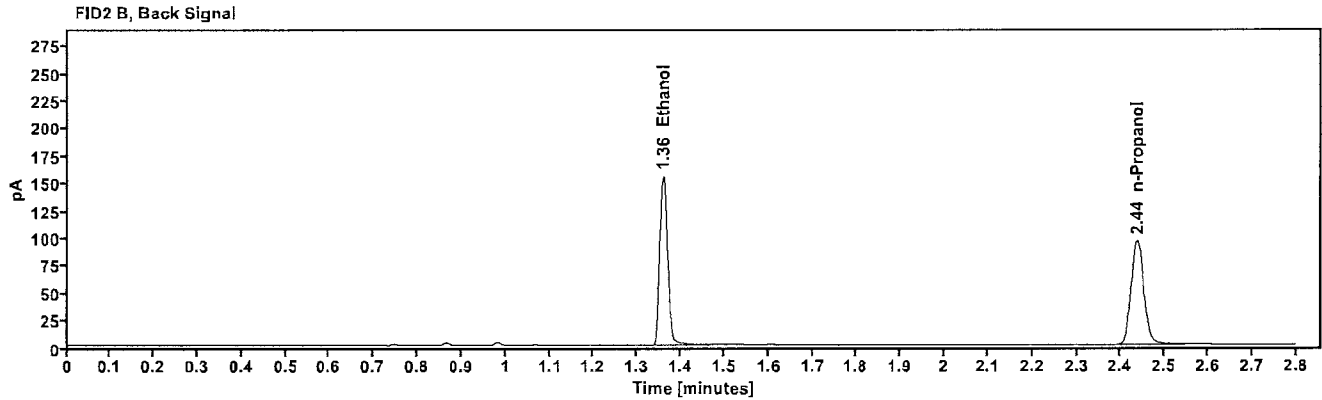
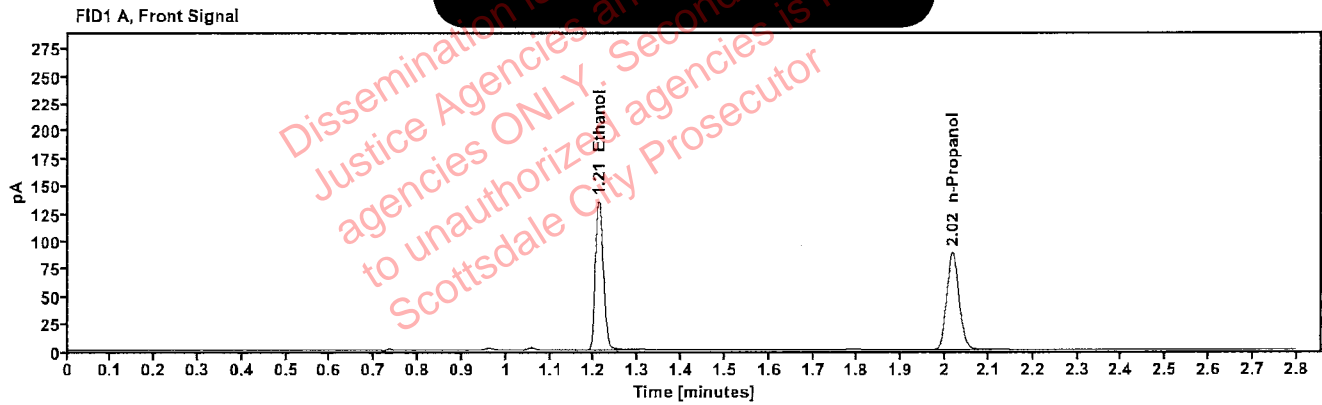


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2673	1.211	172.819
n-Propanol	----	2.017	176.461

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

Compound	Time (min)	Peak Area
Ethanol	1.359	189.159
n-Propanol	2.437	189.604

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 2221907-2	Vial: 14
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 23Nov22
Instrument: US14173023 CN14160045	Injection date: 11/23/2022 12:37:07 PM
Data file: C:\Chem32\1\Data\23Nov22\14.D	Analyst: Abbott

VOID

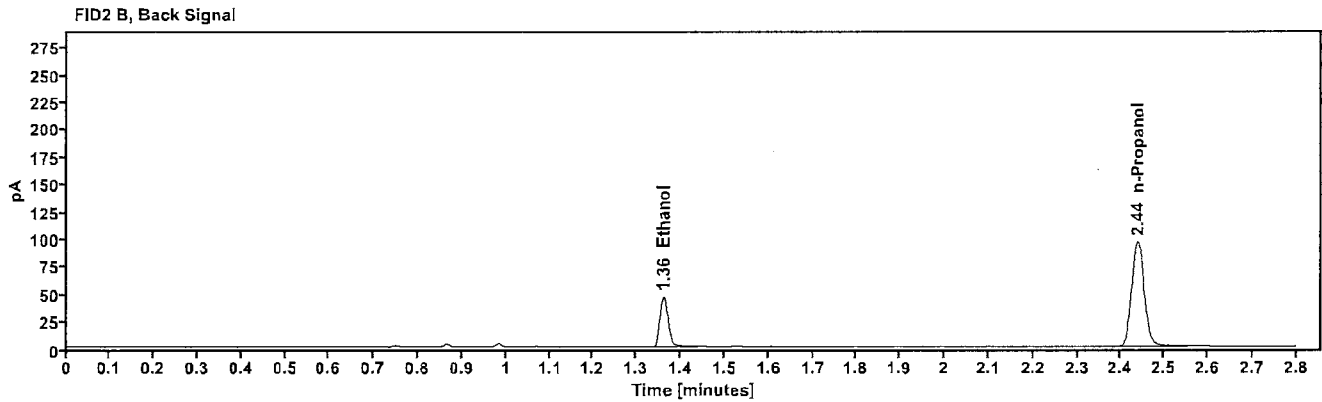
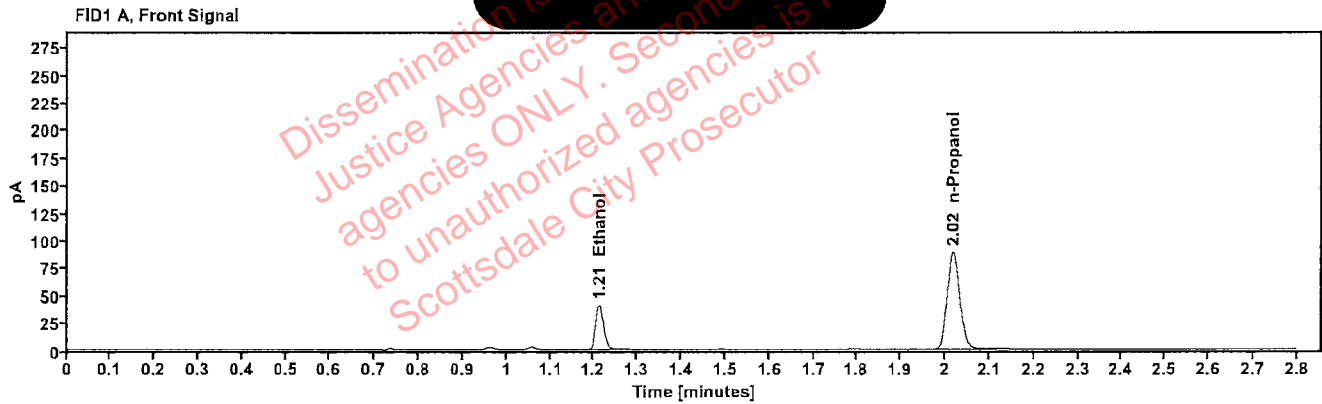


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0837	1.213	51.901
n-Propanol	-----	2.018	176.925

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

Compound	Time (min)	Peak Area
Ethanol	1.361	56.241
n-Propanol	2.438	190.719

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221907-2	Vial:	15
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/23/2022 12:41:06 PM
Data file:	C:\Chem32\1\Data\23Nov22\15.D	Analyst:	Abbott

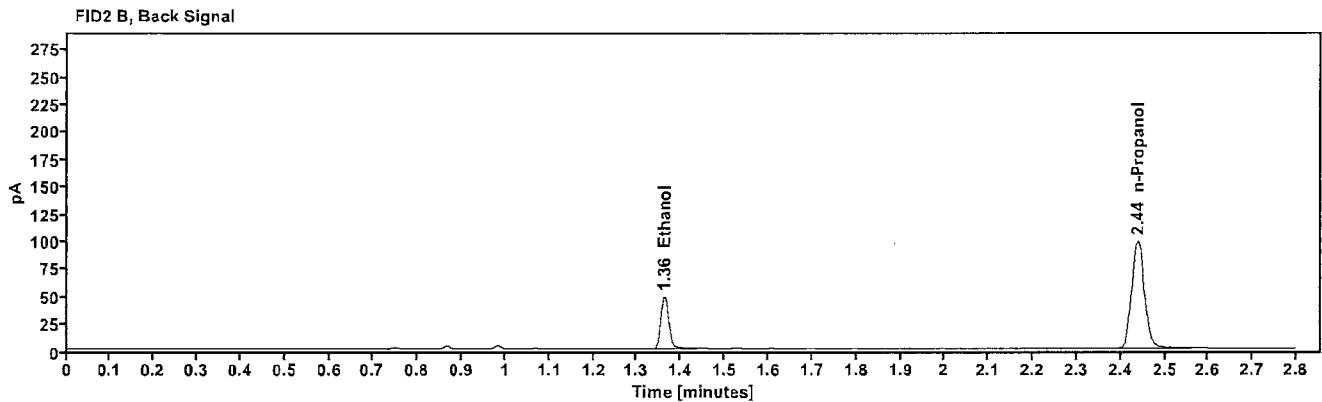
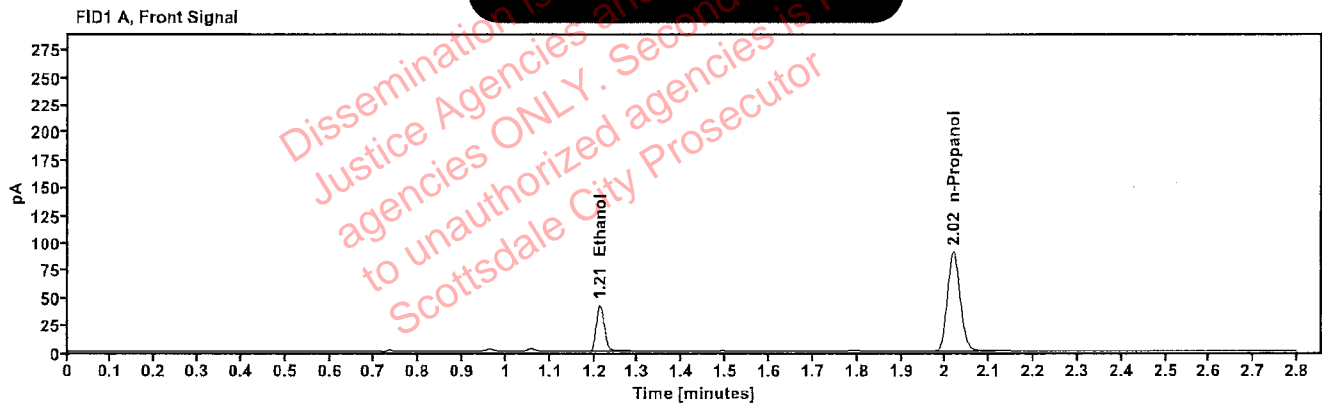


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0844	1.213	53.732
n-Propanol	---	2.018	181.379

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

Compound	Time (min)	Peak Area
Ethanol	1.362	58.186
n-Propanol	2.439	195.779

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221460-2	Vial:	16
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	23Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/23/2022 12:45:07 PM
Data file:	C:\Chem32\1\Data\23Nov22\16.D	Analyst:	Abbott

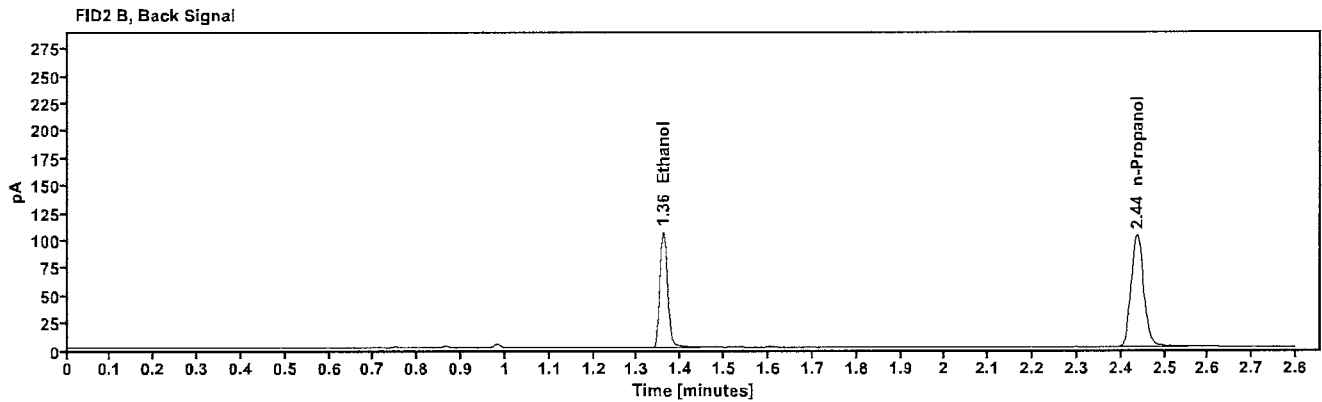
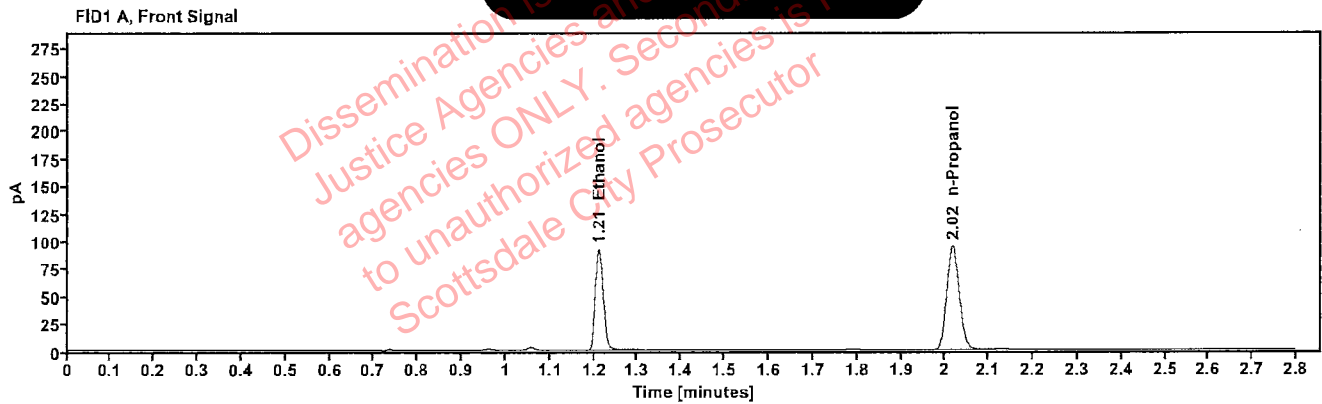


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1722	1.211	117.700
n-Propanol	-----	2.017	188.619

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

Compound	Time (min)	Peak Area
Ethanol	1.359	128.305
n-Propanol	2.437	203.351

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 2221460-2 Vial: 17  
Description: LIMS ID:  
Method: ethanol quant.M Sequence: 23Nov22  
Instrument: US14173023 CN14160045 Injection date: 11/23/2022 12:49:06 PM  
Data file: C:\Chem32\1\Data\23Nov22\17.D Analyst: Abbott

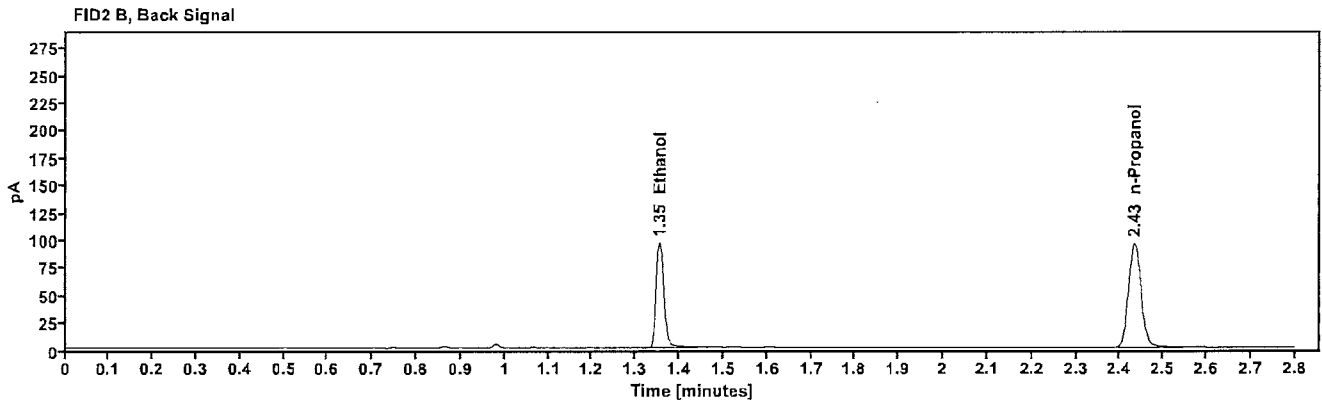
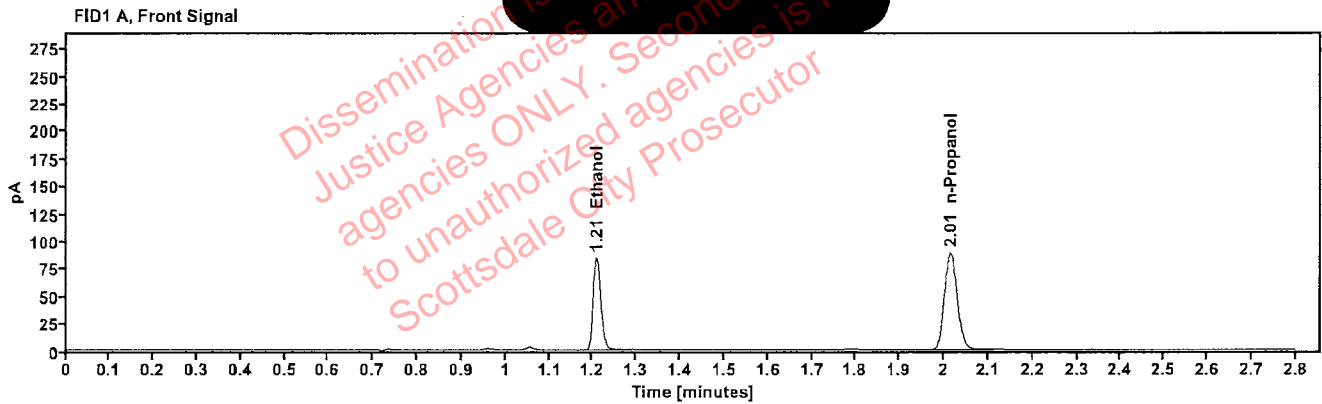


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1664	1.209	106.146
n-Propanol	-----	2.014	176.181

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

Compound	Time (min)	Peak Area
Ethanol	1.355	115.695
n-Propanol	2.433	190.112

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221977-2	Vial:	18
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/23/2022 12:53:07 PM
Data file:	C:\Chem32\1\Data\23Nov22\18.D	Analyst:	Abbott

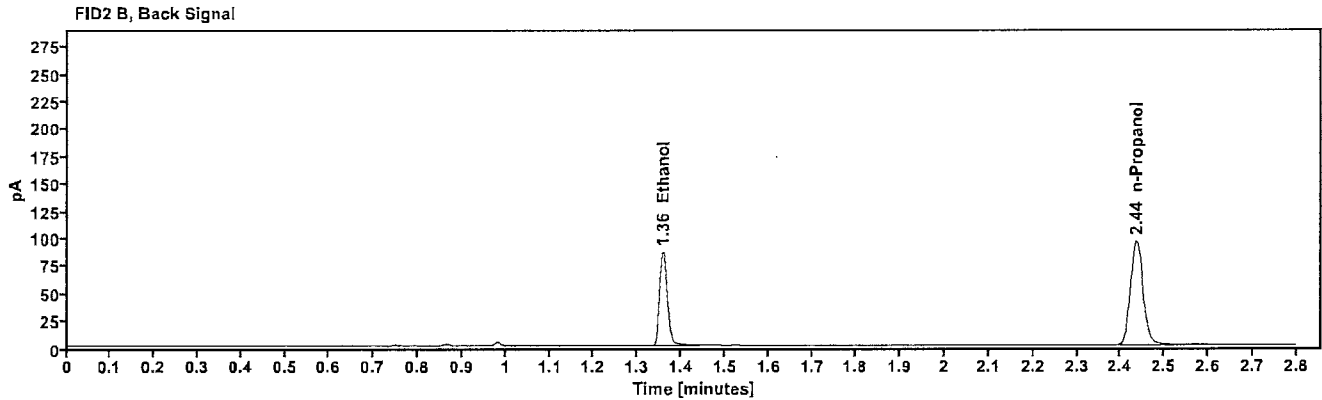
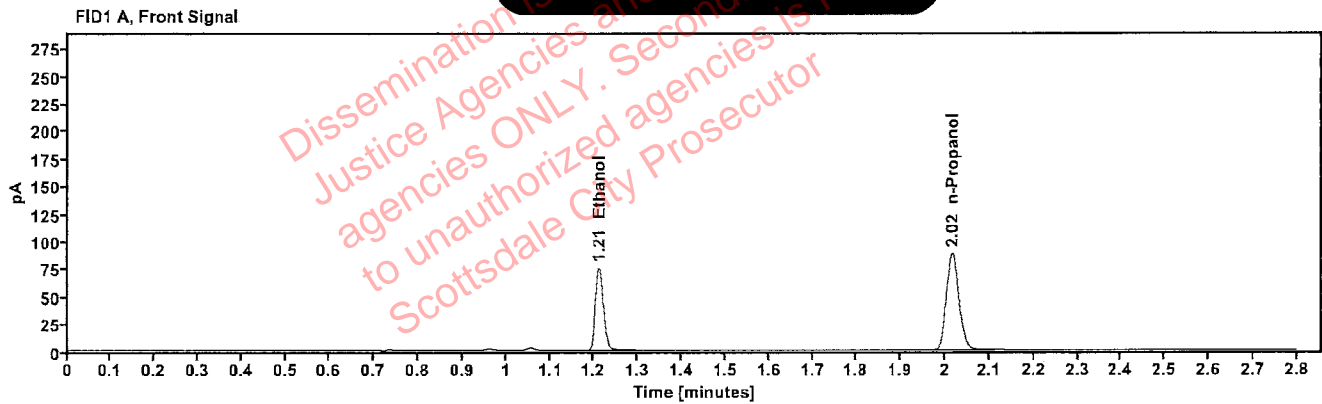


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1516	1.211	96.140
n-Propanol	-----	2.016	175.687

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

Compound	Time (min)	Peak Area
Ethanol	1.358	104.534
n-Propanol	2.436	189.292



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221977-2	Vial:	19
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/23/2022 12:57:22 PM
Data file:	C:\Chem32\1\Data\23Nov22\19.D	Analyst:	Abbott

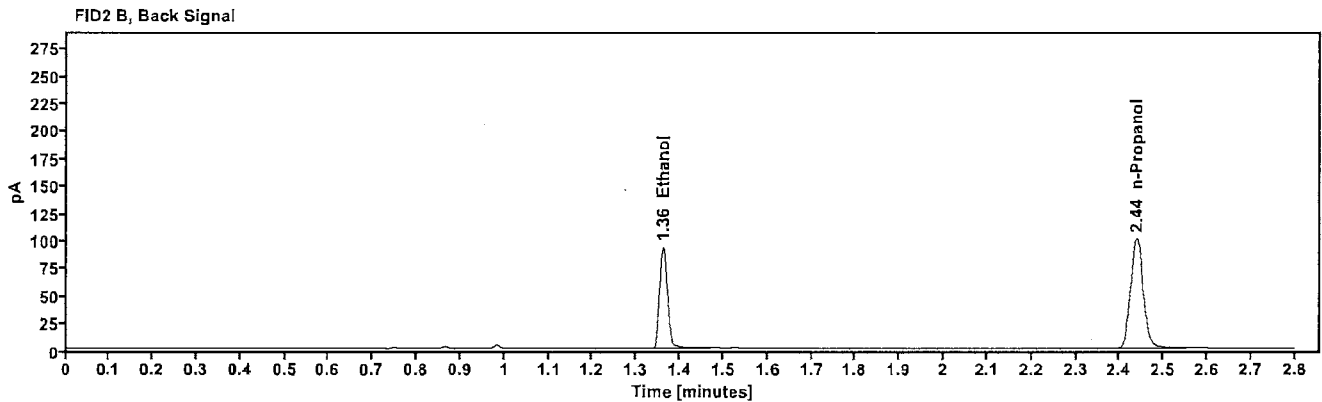
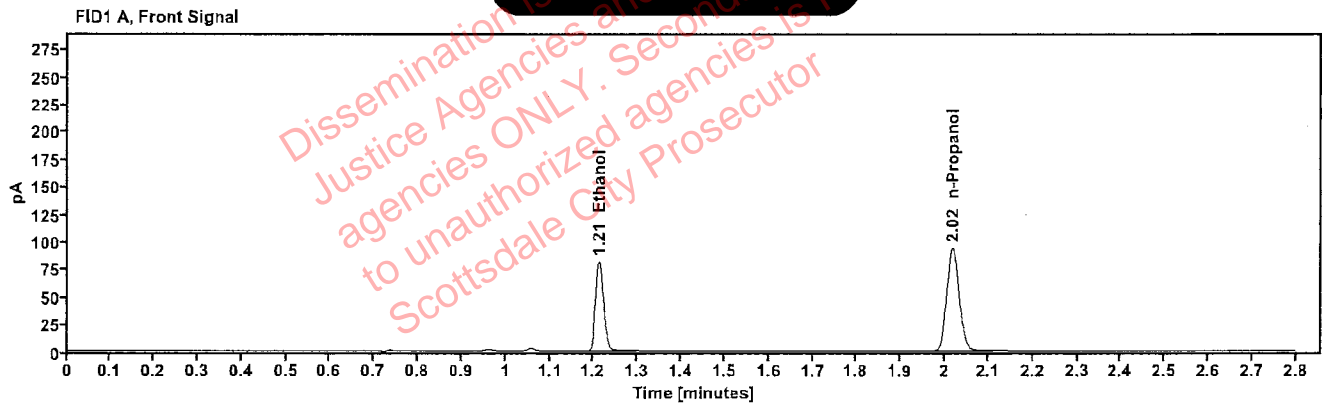


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1551	1.212	104.371
n-Propanol	-----	2.018	186.288

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

Compound	Time (min)	Peak Area
Ethanol	1.361	114.028
n-Propanol	2.438	200.719

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	405-01L.M.	Vial:	21
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/23/2022 1:05:22 PM
Data file:	C:\Chem32\1\Data\23Nov22\21.D	Analyst:	Abbott

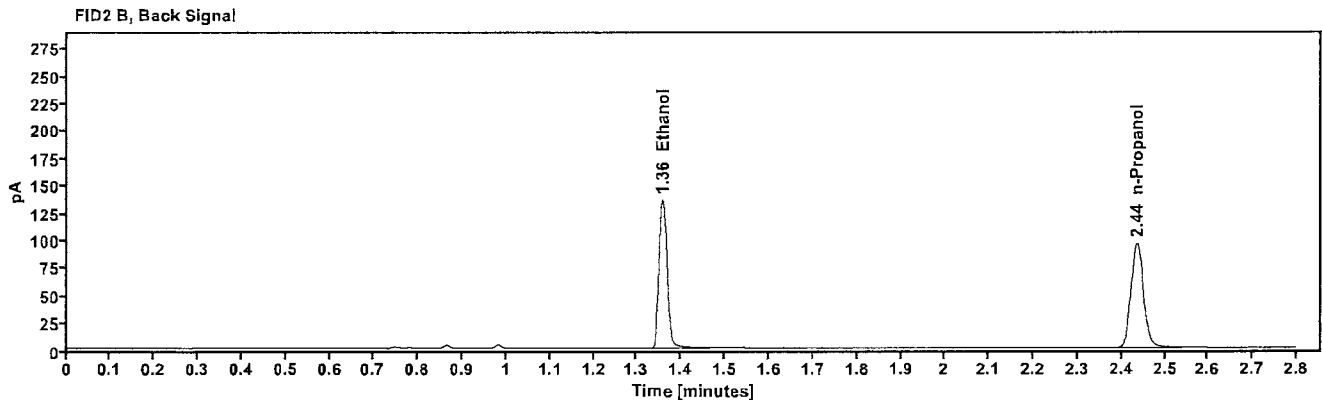
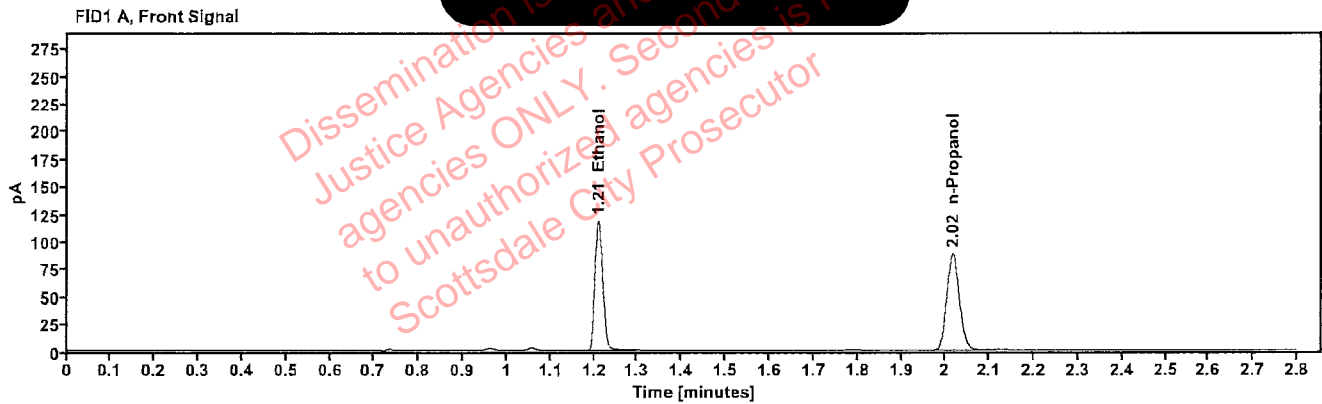


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2347	1.210	150.690
n-Propanol	-----	2.016	175.760

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

Compound	Time (min)	Peak Area
Ethanol	1.358	165.055
n-Propanol	2.436	188.726

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	405-01L.M.	Vial:	22
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/23/2022 1:09:22 PM
Data file:	C:\Chem32\1\Data\23Nov22\22.D	Analyst:	Abbott

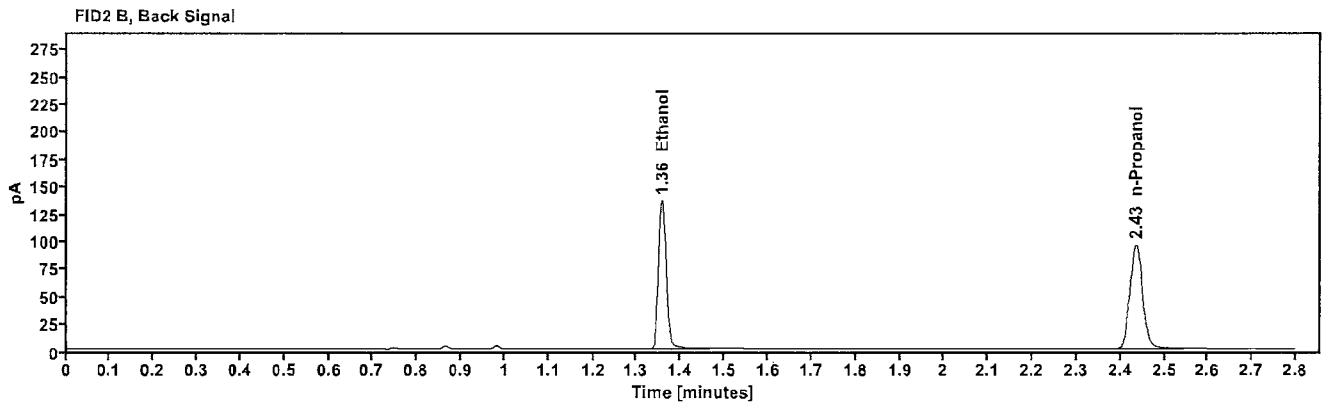
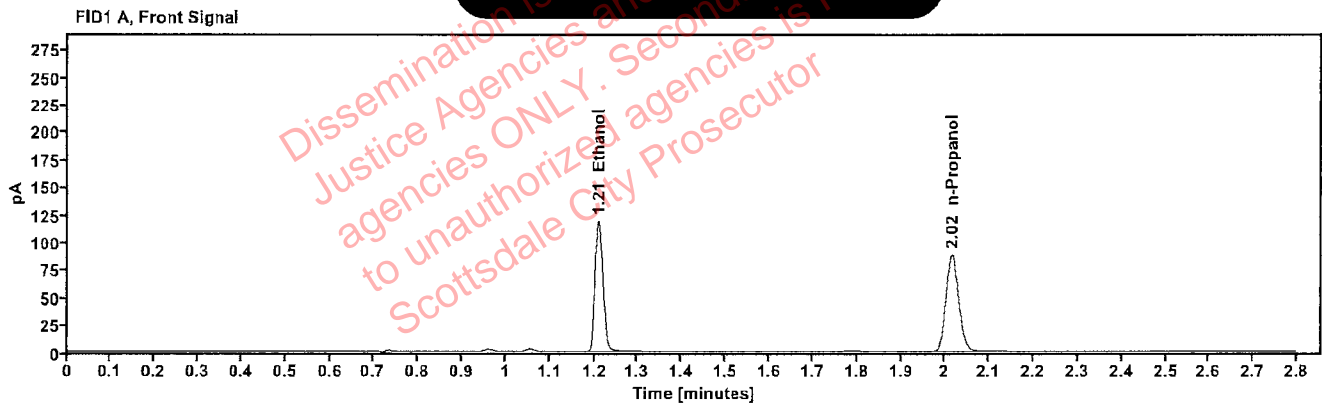


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2350	1.210	150.854
n-Propanol	----	2.016	175.728

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

Compound	Time (min)	Peak Area
Ethanol	1.357	165.078
n-Propanol	2.435	188.872

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	382-01A.G.	Vial:	23
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/23/2022 1:13:22 PM
Data file:	C:\Chem32\1\Data\23Nov22\23.D	Analyst:	Abbott

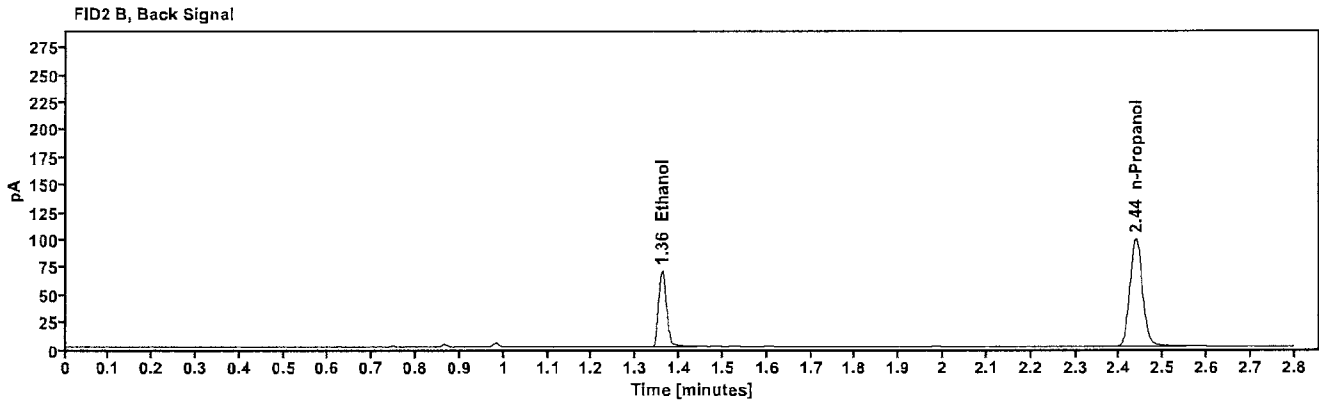
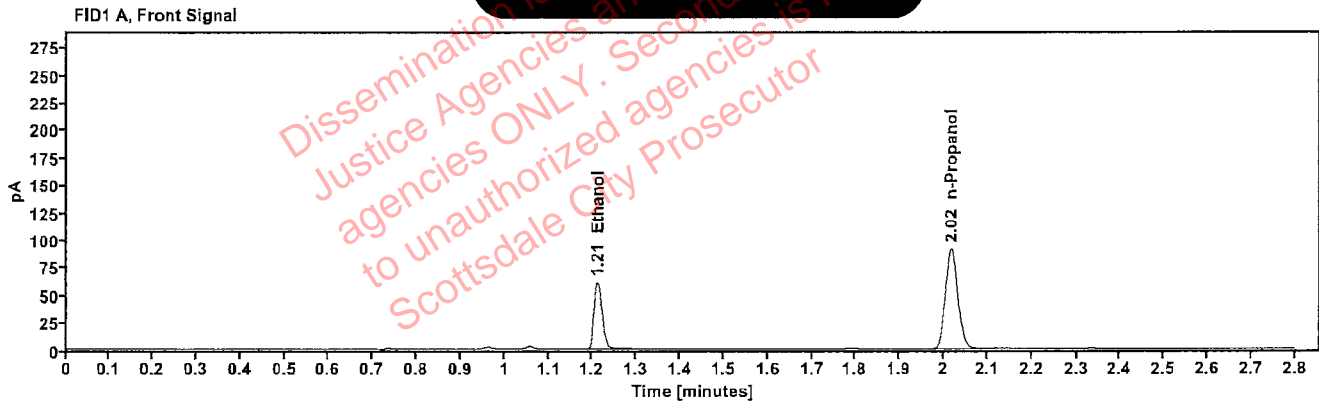


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1200	1.212	77.992
n-Propanol	-----	2.017	181.782

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

Compound	Time (min)	Peak Area
Ethanol	1.360	84.643
n-Propanol	2.437	195.986

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	382-01A.G.	Vial:	24
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/23/2022 1:17:22 PM
Data file:	C:\Chem32\1\Data\23Nov22\24.D	Analyst:	Abbott

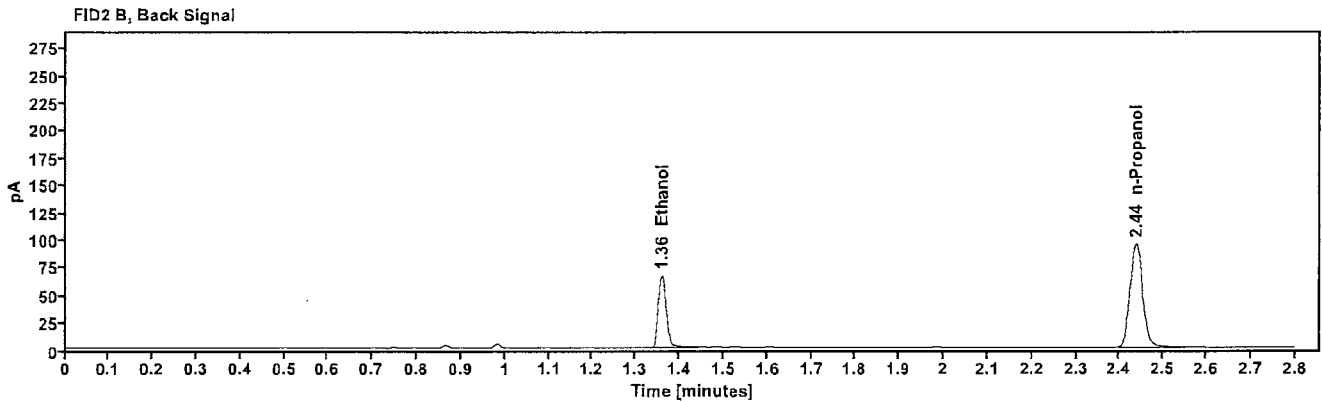
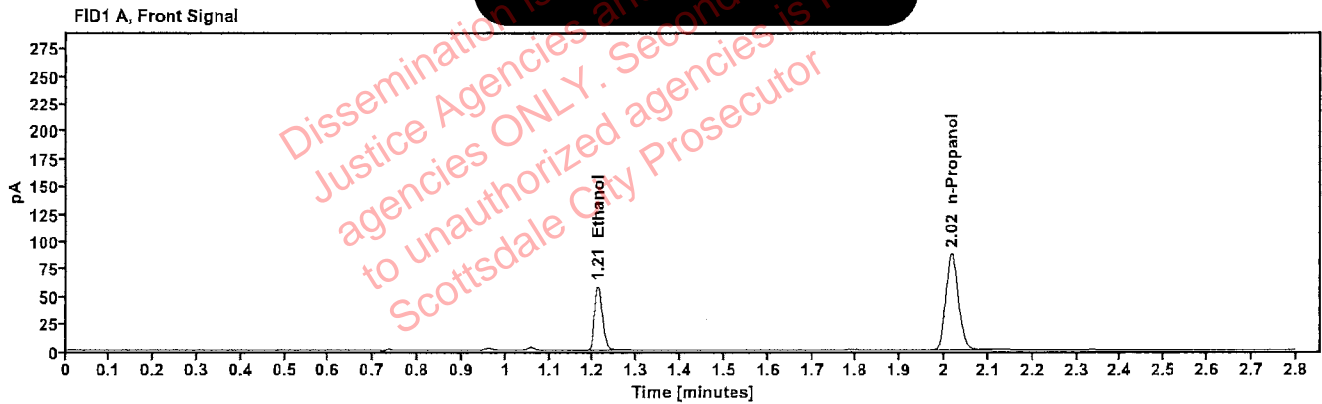


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1188	1.212	74.315
n-Propanol	---	2.017	175.095

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

Compound	Time (min)	Peak Area
Ethanol	1.359	80.574
n-Propanol	2.437	188.756

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 2221584-3 Vial: 25  
Description: LIMS ID:  
Method: ethanol quant.M Sequence: 23Nov22  
Instrument: US14173023 CN14160045 Injection date: 11/23/2022 1:21:37 PM  
Data file: C:\Chem32\1\Data\23Nov22\25.D Analyst: Abbott

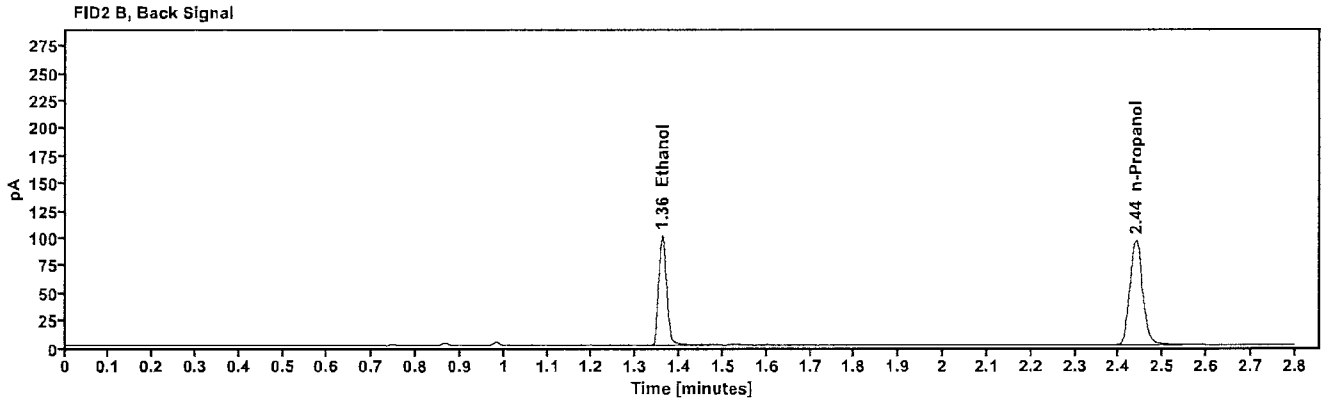
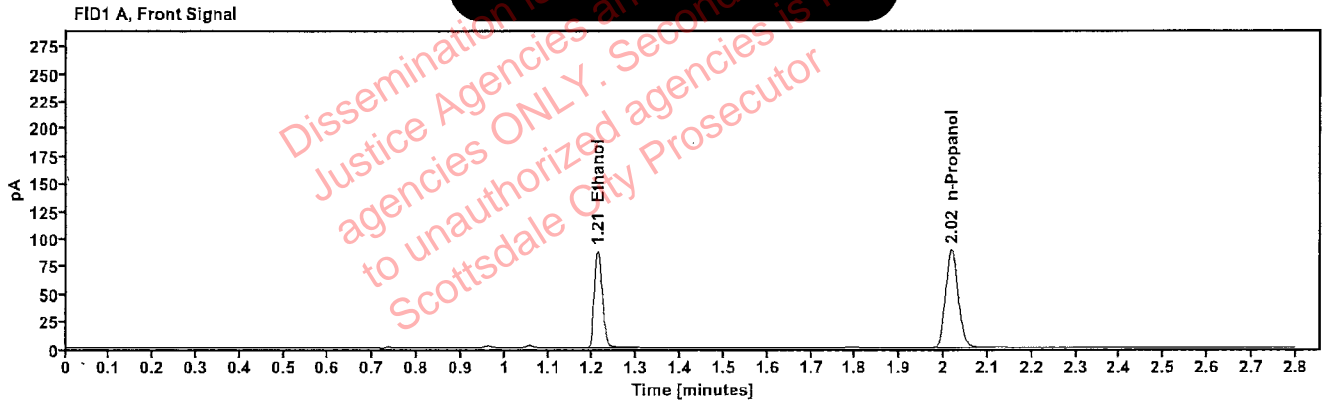


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1754	1.212	112.895
n-Propanol	-----	2.018	177.529

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

Compound	Time (min)	Peak Area
Ethanol	1.361	123.186
n-Propanol	2.438	191.072

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221584-3	Vial:	26
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/23/2022 1:25:37 PM
Data file:	C:\Chem32\1\Data\23Nov22\26.D	Analyst:	Abbott

VOID

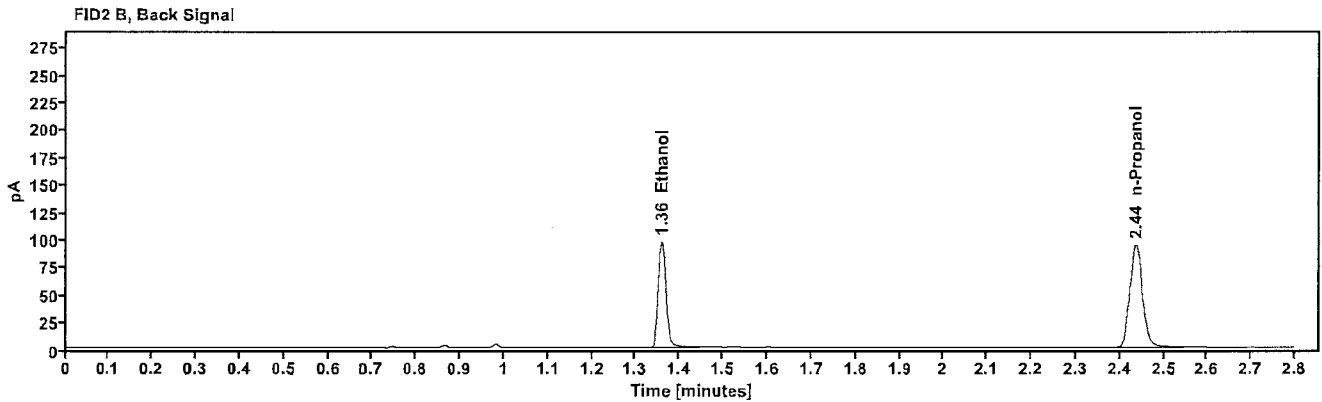
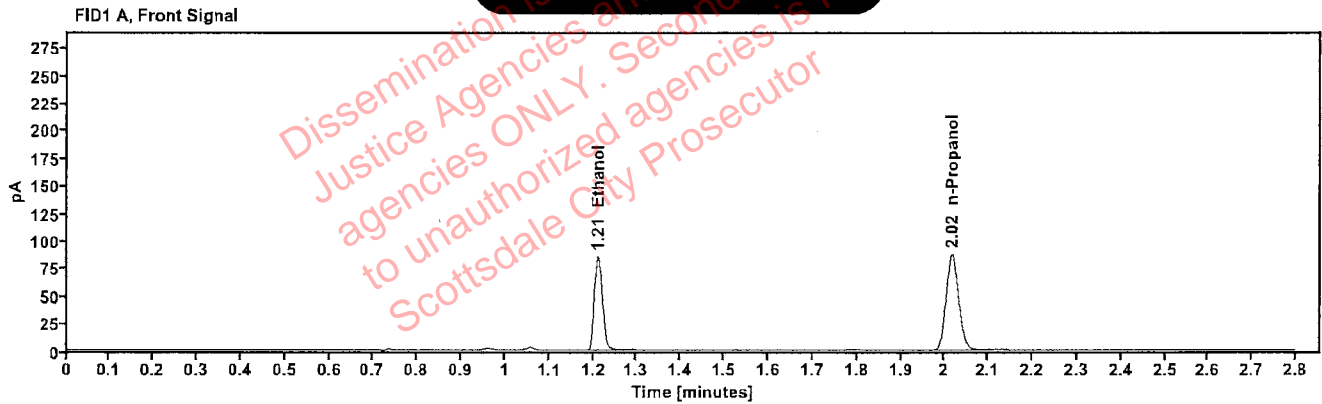


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1726	1.211	108.562
n-Propanol	----	2.017	173.525

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

Compound	Time (min)	Peak Area
Ethanol	1.359	118.355
n-Propanol	2.437	186.755

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222150-2	Vial:	27
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/23/2022 1:29:37 PM
Data file:	C:\Chem32\1\Data\23Nov22\27.D	Analyst:	Abbott

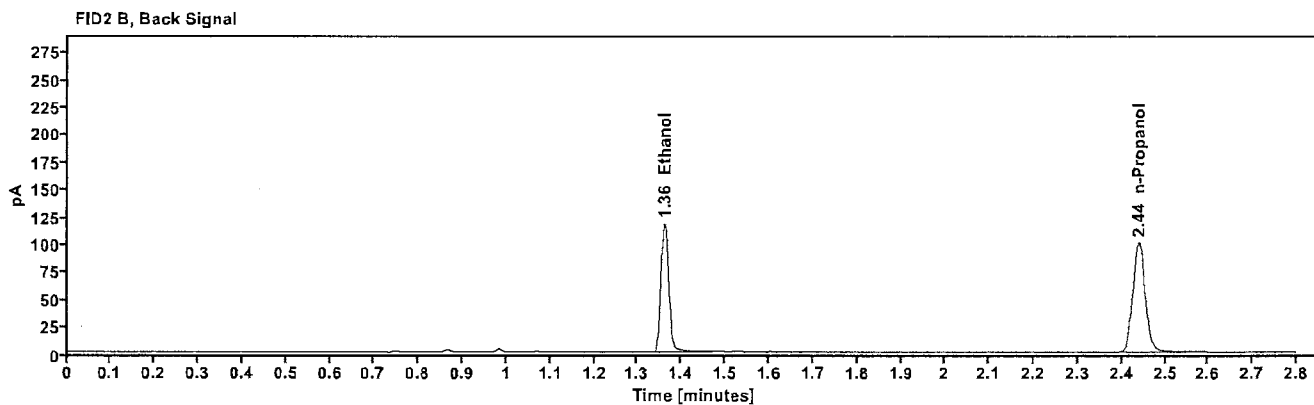
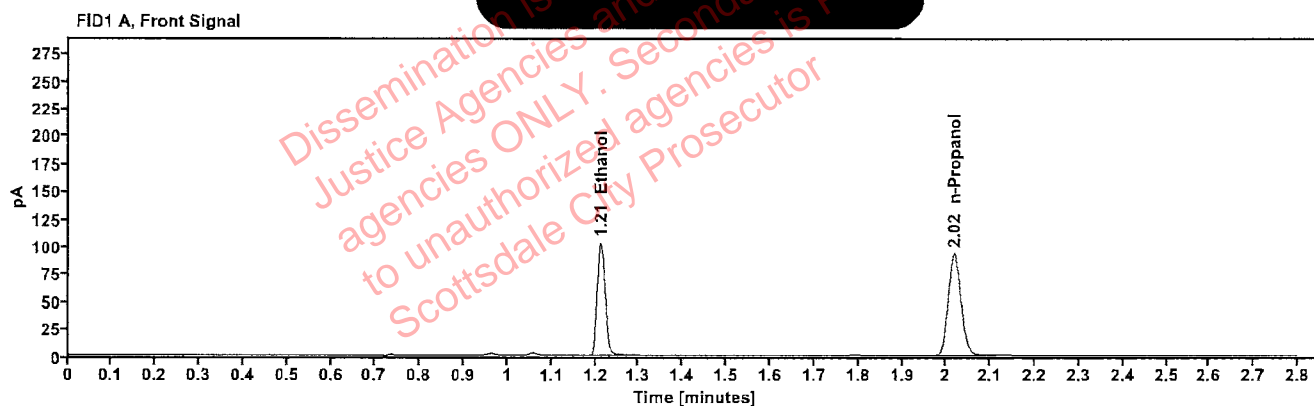


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1948	1.212	131.353
n-Propanol	-----	2.018	185.370

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

Compound	Time (min)	Peak Area
Ethanol	1.361	143.474
n-Propanol	2.439	199.693



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222150-2	Vial:	28
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/23/2022 1:33:37 PM
Data file:	C:\Chem32\1\Data\23Nov22\28.D	Analyst:	Abbott

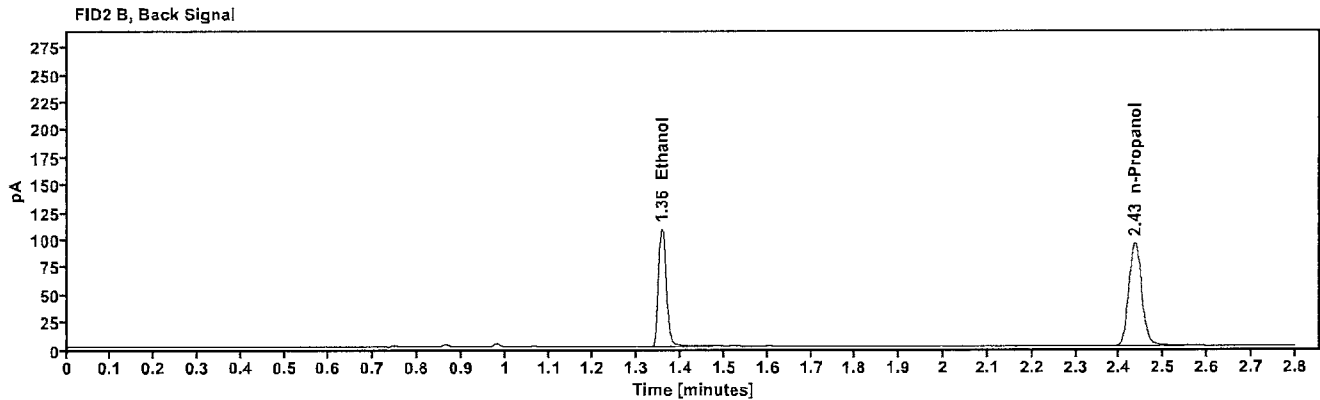
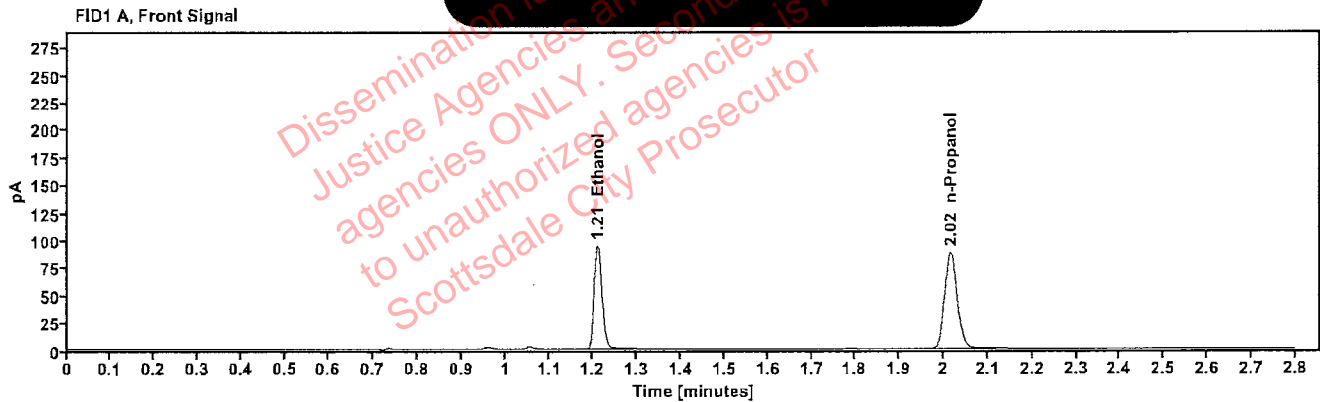


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1885	1.210	120.035
n-Propanol	-----	2.015	175.232

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

Compound	Time (min)	Peak Area
Ethanol	1.357	131.361
n-Propanol	2.435	188.742

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222014-2	Vial:	29
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/23/2022 1:37:36 PM
Data file:	C:\Chem32\1\Data\23Nov22\29.D	Analyst:	Abbott

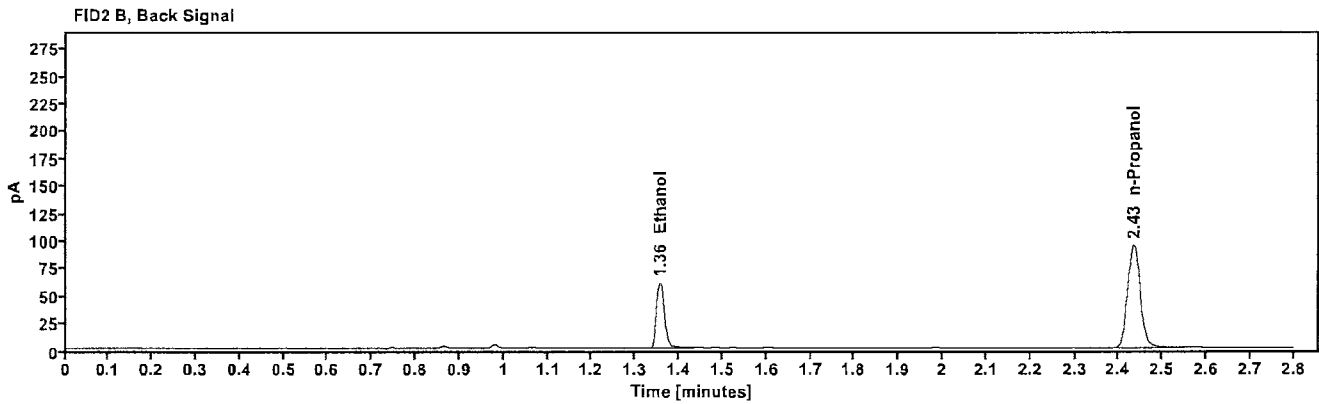
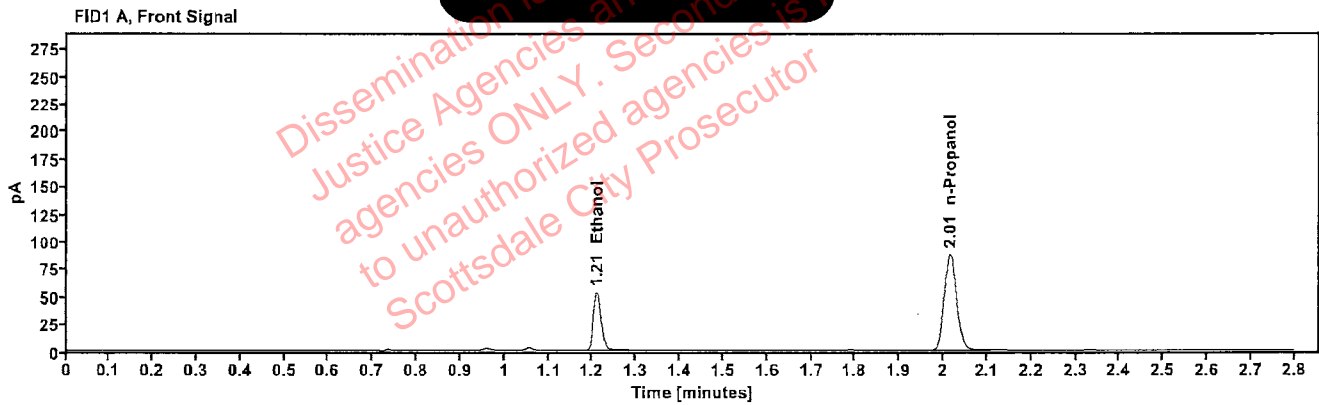


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1080	1.210	67.025
n-Propanol	-----	2.015	174.375

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

Compound	Time (min)	Peak Area
Ethanol	1.356	72.763
n-Propanol	2.434	188.338

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222014-2	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/23/2022 1:41:36 PM
Data file:	C:\Chem32\1\Data\23Nov22\30.D	Analyst:	Abbott

VOID

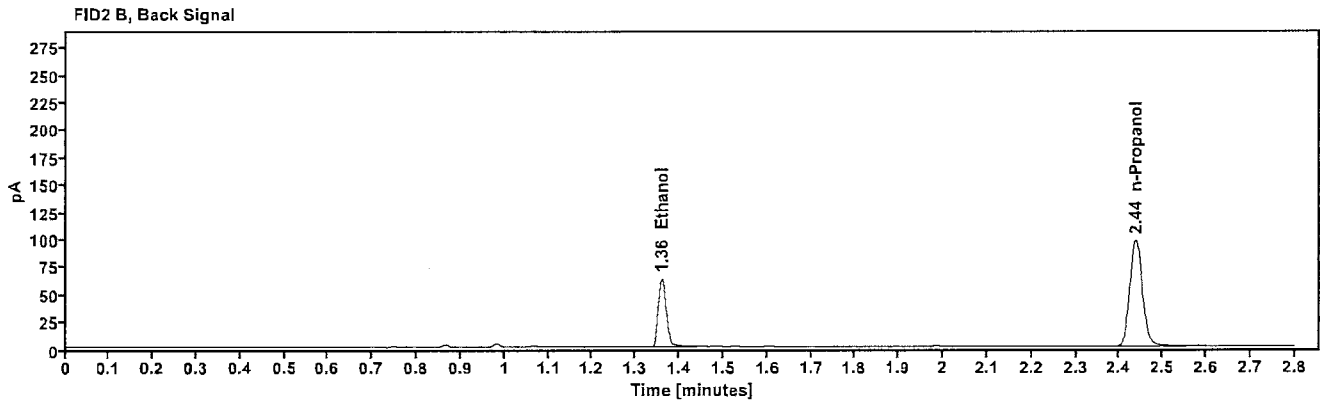
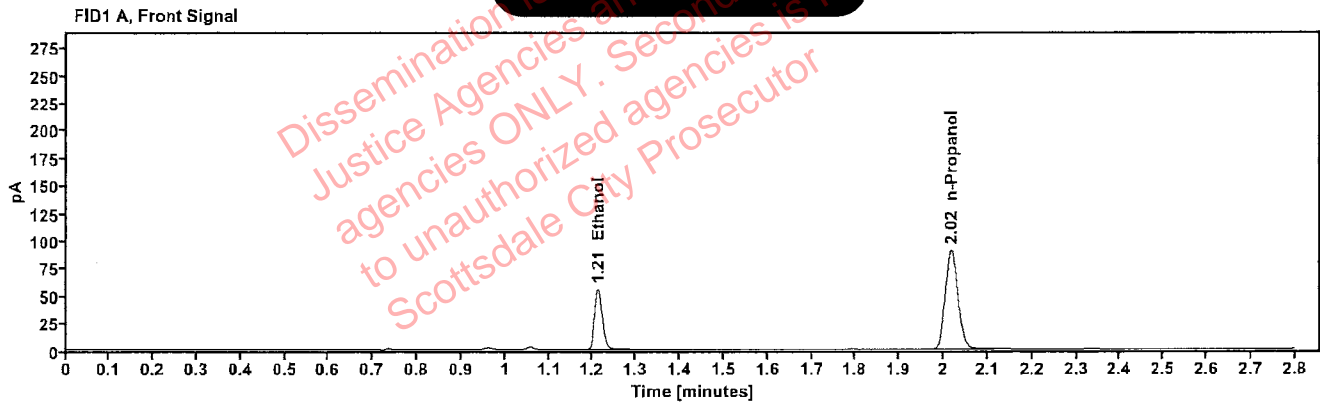


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1099	1.212	70.317
n-Propanol	-----	2.017	179.724

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

Compound	Time (min)	Peak Area
Ethanol	1.360	76.435
n-Propanol	2.437	193.910