

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 08/10/2022 SEQUENCE NAME 10Aug22 5

**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 0.99996  
 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 070622AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.407 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.201 g/dL	ACQ 4110320133/8
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.082 g/dL	Lipomed 20012020-B
42	Aqueous control	0.400 g/dL	0.398 g/dL	Lipomed 11092018-A
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
44	Blood control	0.199 g/dL	0.201 g/dL	ACQ 4110320133/8
45	Blank	Not detected	Not detected	SPD lab 101921WB

**SUBJECT SAMPLES**

Subjects in the sequence 15 Subjects requiring reanalysis 0

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

Run valid  Run invalid  Erika Canonico Analyst  
 Run valid  Run invalid  Philip Borok Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 10Aug22 5

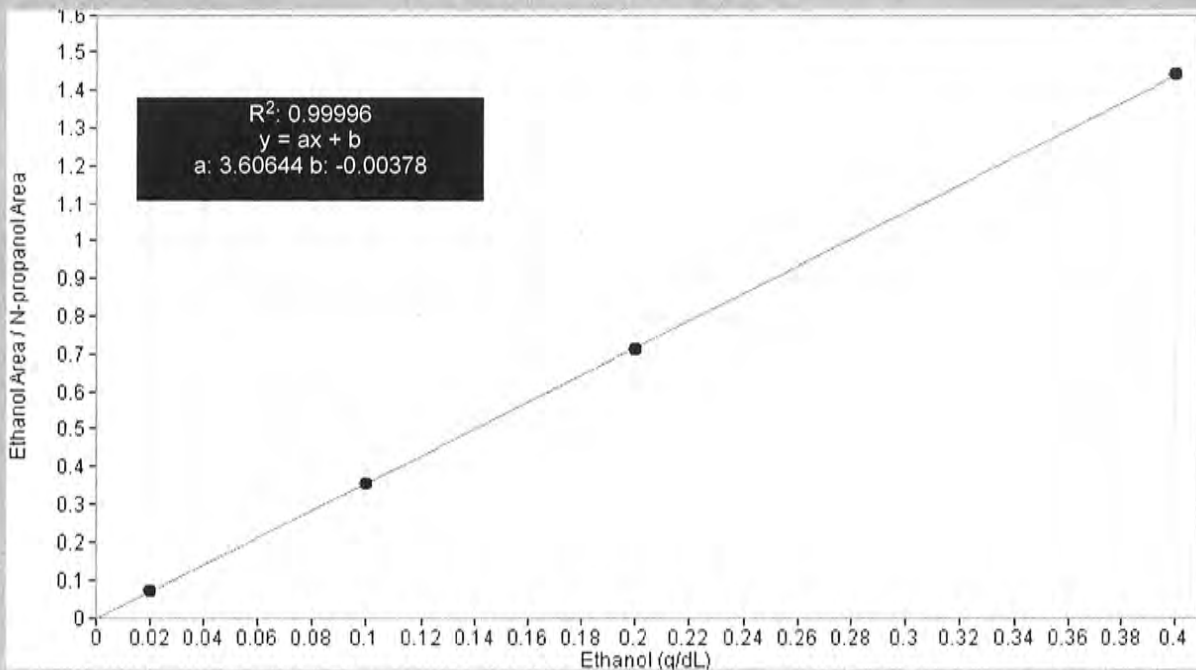
ANALYST: Canonico

ee

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 070622AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.407	0.400	1.75	0.007
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.199 4110320133/8	9	0.201	0.199	1.01	0.002
0.080 20012020-B	20	0.080	0.080	0.00	0.000
0.080 20012020-B	31	0.082	0.080	2.50	0.002
0.400 11092018-A	42	0.398	0.400	0.50	-0.002
0.040 14082019-B	43	0.041	0.040	2.50	0.001
0.199 4110320133/8	44	0.201	0.199	1.01	0.002
blank 101921WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.294	171.708	0.072
0.100	57.658	162.033	0.356
0.200	117.827	165.287	0.713
0.400	237.841	165.028	1.441

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> 10Aug22 5
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 8/10/2022 3:23:16 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <span style="float: right;">EC</span>
<b>Data file:</b> C:\Chem32\1\Data\10Aug22 5\1.D	

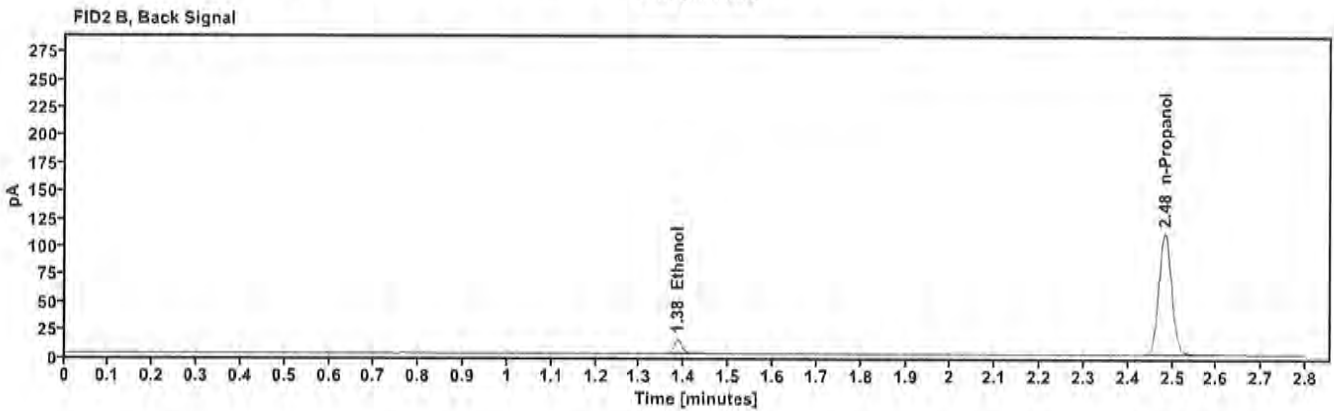
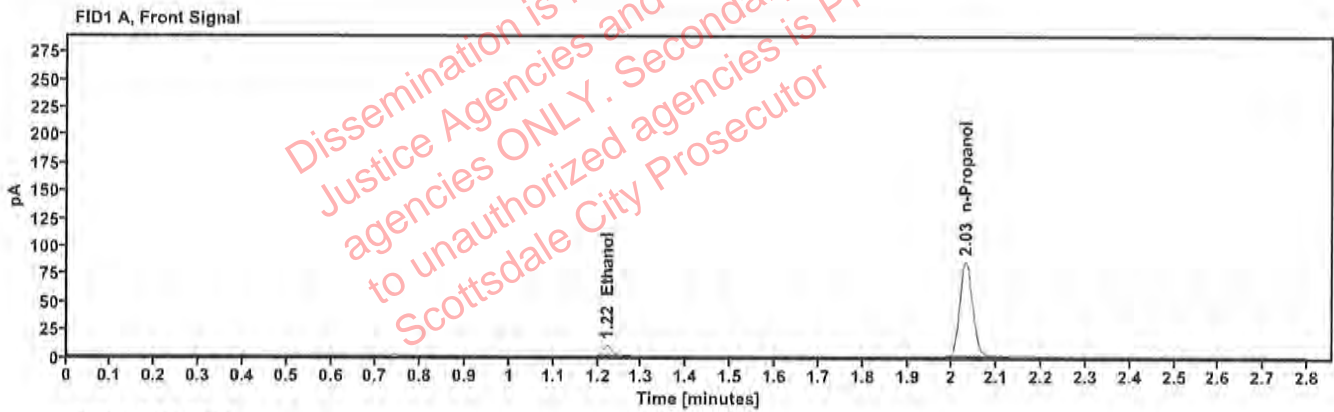


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.221	12.294
n-Propanol	2.030	171.708

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

Compound	Time (min)	Peak Area
Ethanol	1.385	15.811
n-Propanol	2.484	220.279



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05311902	<b>Vial:</b> 2
<b>Description:</b> 0.100 calibrator	<b>Sequence:</b> 10Aug22 5
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 8/10/2022 3:27:16 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <span style="float: right;">EC</span>
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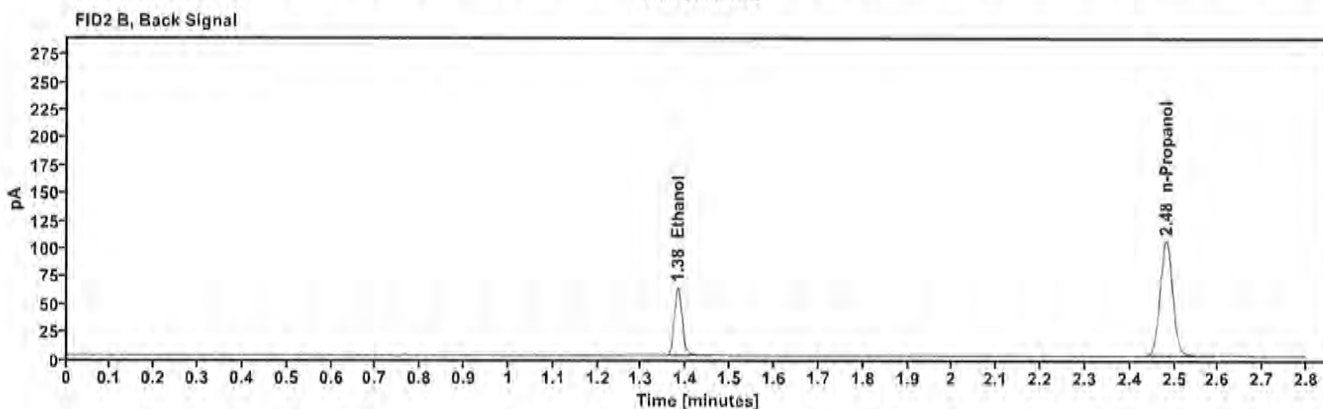
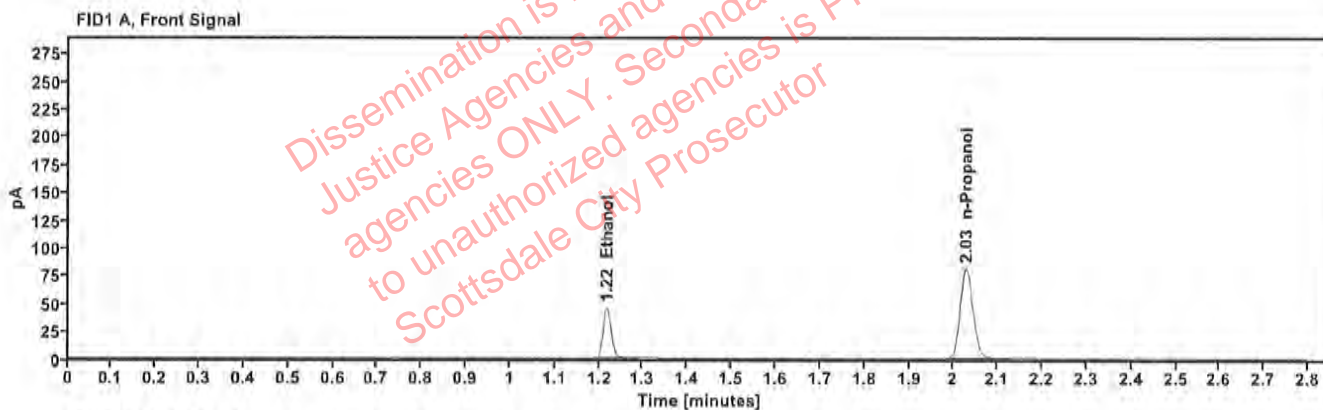


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.217	57.658
n-Propanol	2.029	162.033

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

Compound	Time (min)	Peak Area
Ethanol	1.381	73.977
n-Propanol	2.481	207.725

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN02052101	<b>Vial:</b> 3
<b>Description:</b> 0.200 calibrator	<b>Sequence:</b> 10Aug22 5
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 8/10/2022 3:31:16 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <span style="float: right;">EC</span>
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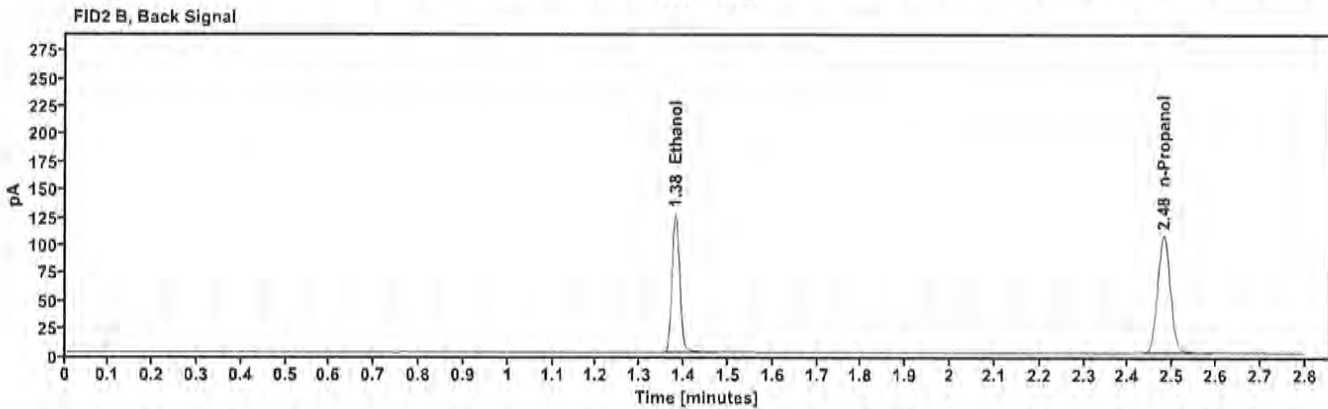
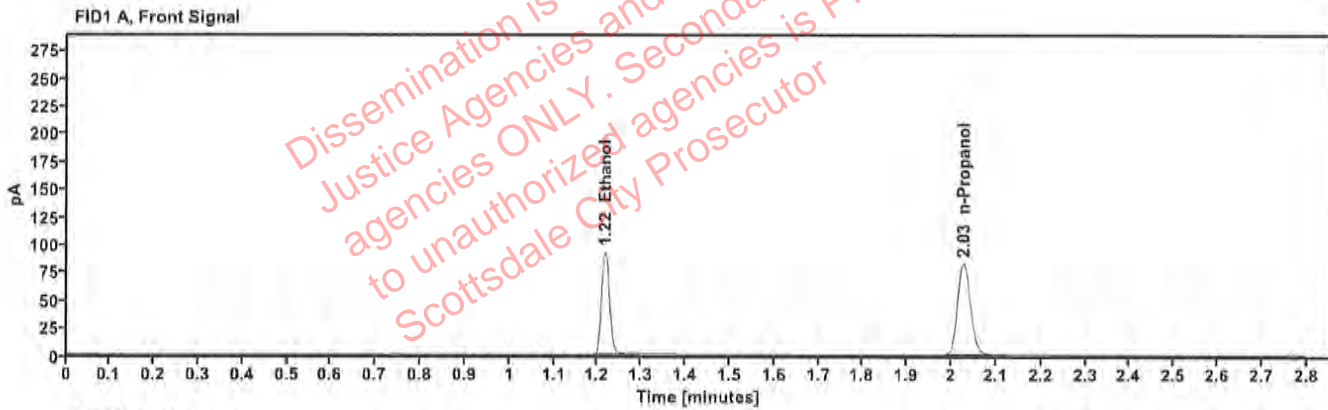


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.216	117.827
n-Propanol	2.028	165.287

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

Compound	Time (min)	Peak Area
Ethanol	1.380	151.640
n-Propanol	2.480	211.744

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN03052102	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 10Aug22 5
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 8/10/2022 3:35:16 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <span style="float: right;">ec</span>
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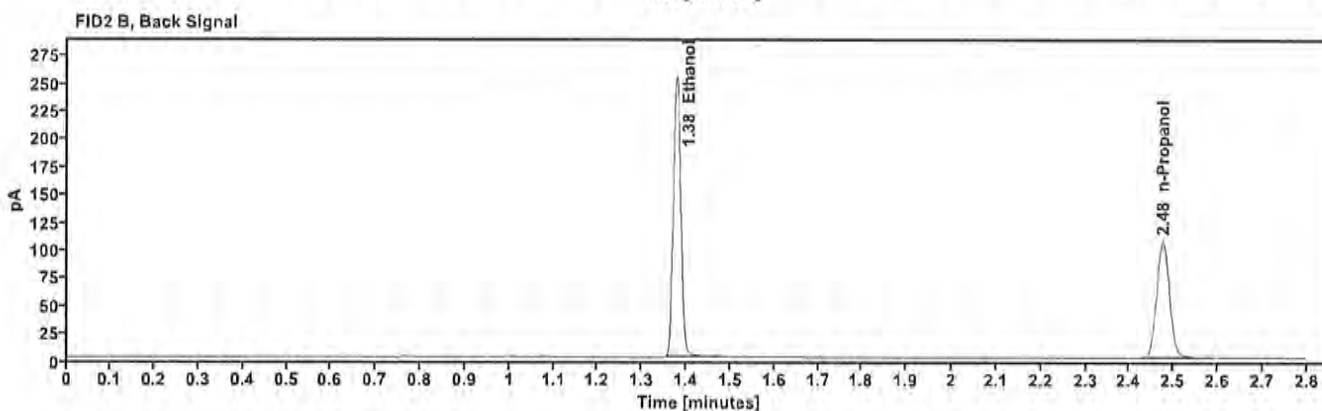
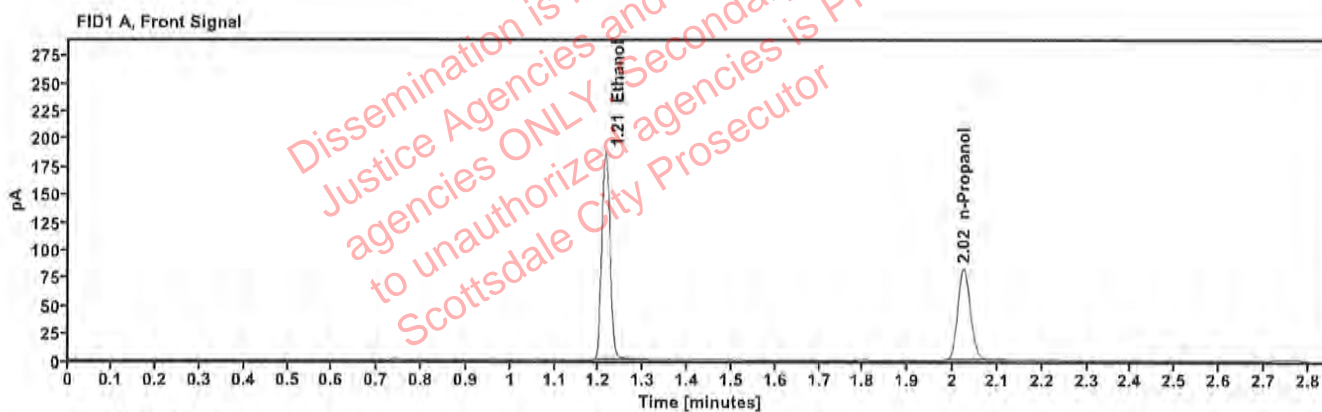


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.214	237.841
n-Propanol	2.024	165.028

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

Compound	Time (min)	Peak Area
Ethanol	1.378	305.320
n-Propanol	2.476	211.112

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 070622AQ	<b>Vial:</b> 5
<b>Description:</b> Negative	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 10Aug22 5
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 8/10/2022 3:39:16 PM
<b>Data file:</b> C:\Chem32\1\Data\10Aug22 5\5.D	<b>Analyst:</b> Canonico <span style="float: right;">EC</span>

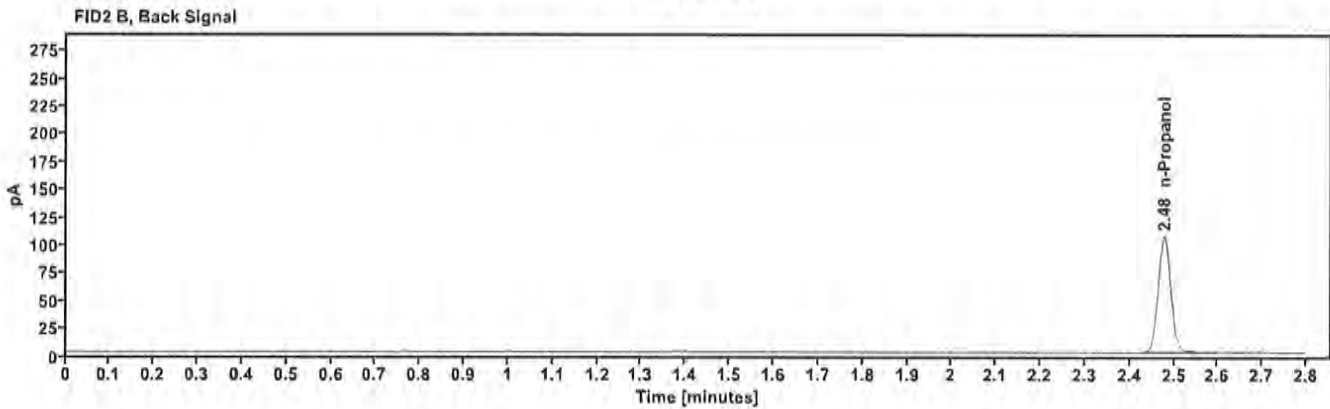
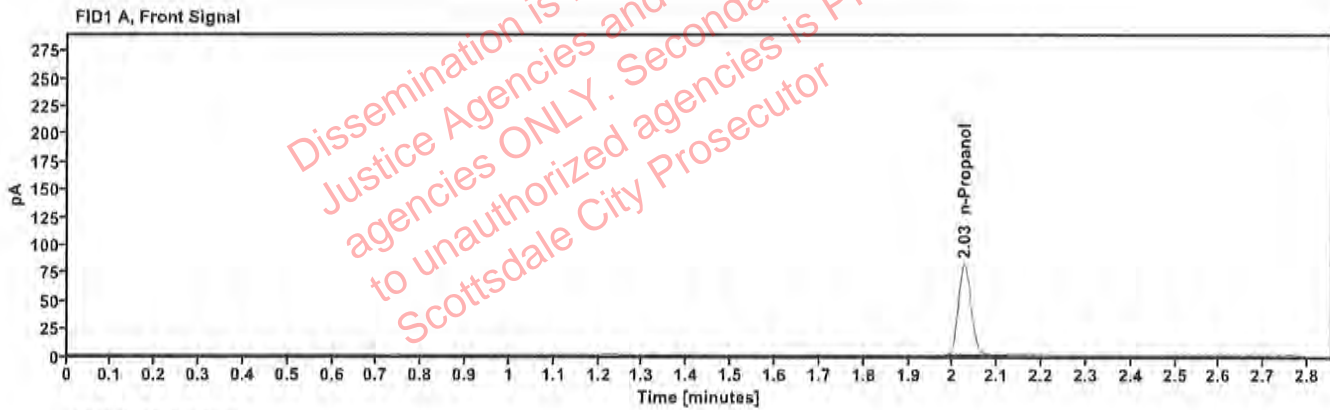


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.026	164.211

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

Compound	Time (min)	Peak Area
n-Propanol	2.478	210.366



# 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> 10Aug22 5
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 8/10/2022 3:43:17 PM
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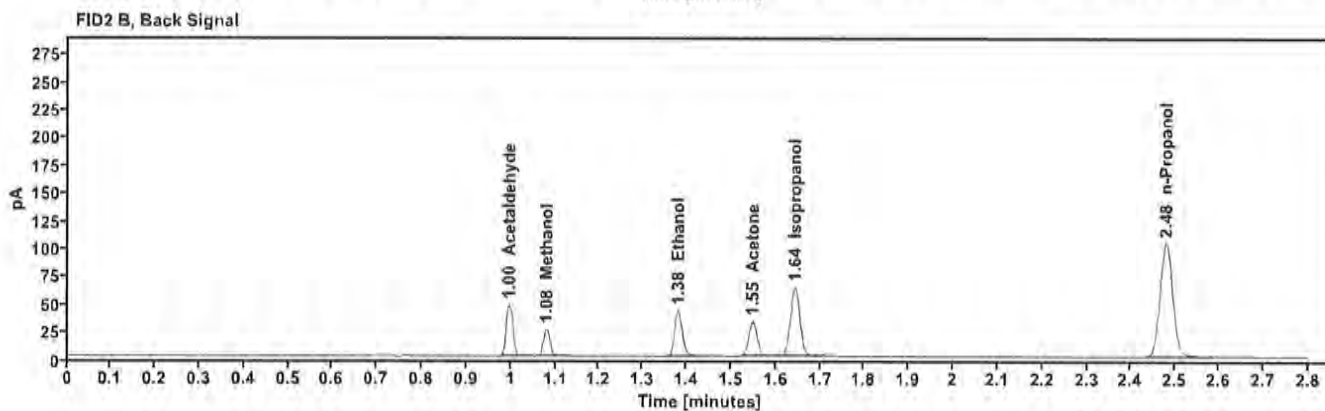
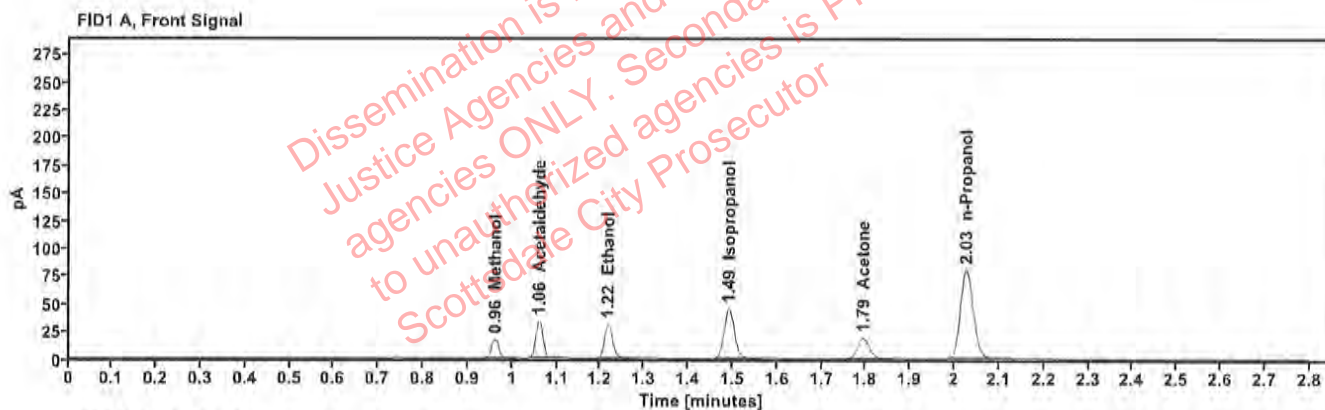


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.962	19.268
Acetaldehyde	-----	1.060	36.592
>Ethanol	0.0680	1.217	38.908
Isopropanol	-----	1.491	71.664
Acetone	-----	1.794	32.313
n-Propanol	-----	2.027	161.046

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.996	47.500
Methanol	1.079	25.233
Ethanol	1.380	49.862
Acetone	1.548	41.141
Isopropanol	1.643	92.875
n-Propanol	2.479	205.966



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 10Aug22 5
Instrument: US14173023 CN14160045	Injection date: 8/10/2022 3:47:31 PM
Data file: C:\Chem32\1\Data\10Aug22 5\7.D	Analyst: Canonico <i>ec</i>

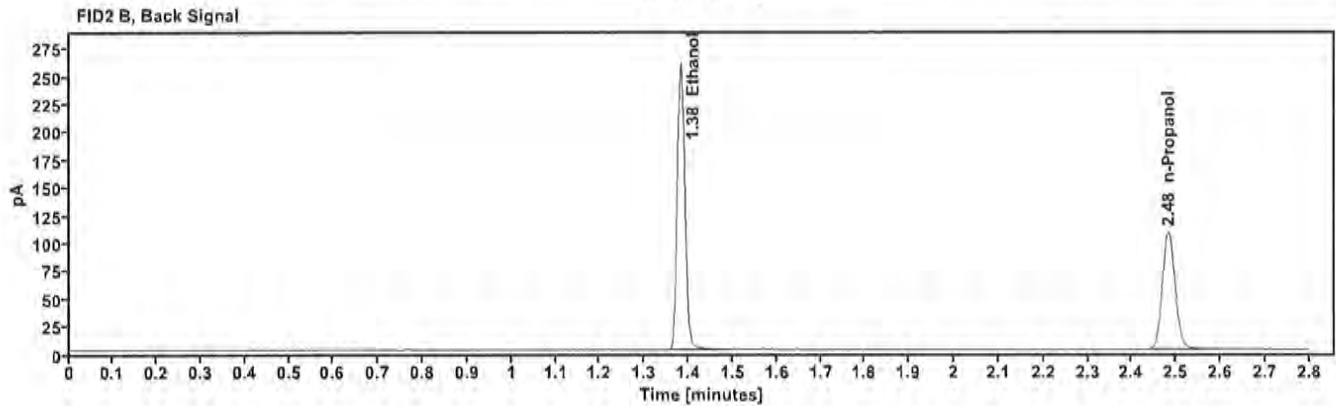
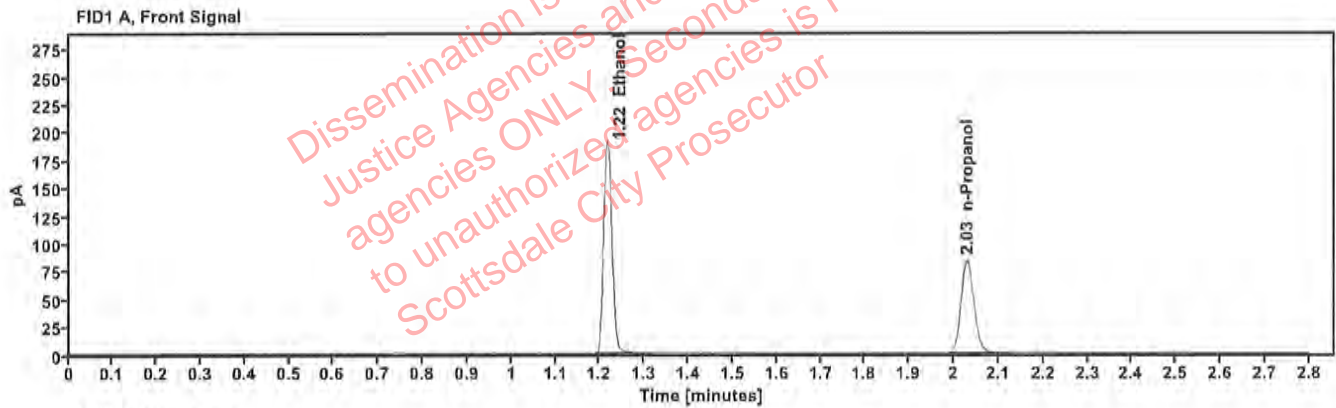


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4071	1.217	243.906
n-Propanol	---	2.030	166.551

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

Compound	Time (min)	Peak Area
Ethanol	1.382	313.756
n-Propanol	2.483	213.078

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 3:51:31 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\8.D	Analyst:	Canonico <i>ec</i>

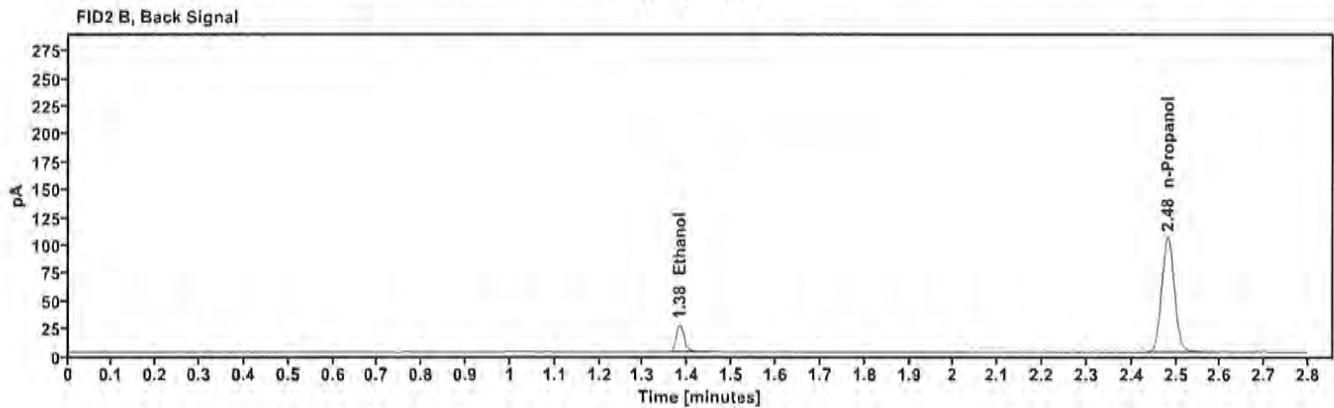
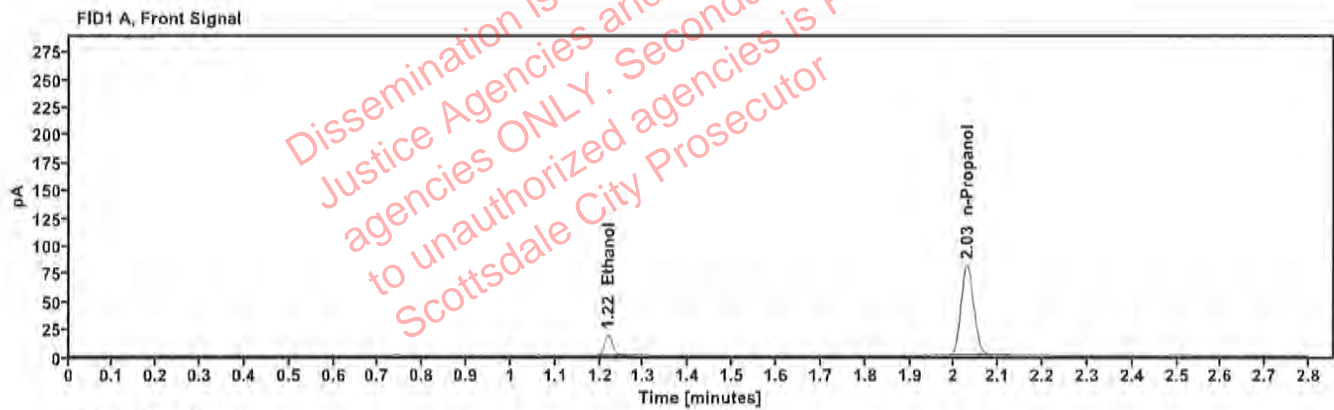


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0409	1.219	23.425
n-Propanol	---	2.029	163.133

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

Compound	Time (min)	Peak Area
Ethanol	1.382	29.975
n-Propanol	2.481	208.874

# 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> 10Aug22 5
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 8/10/2022 3:55:31 PM
<b>Data file:</b> C:\Chem32\1\Data\10Aug22 5\9.D	<b>Analyst:</b> Canonico <i>EQ</i>

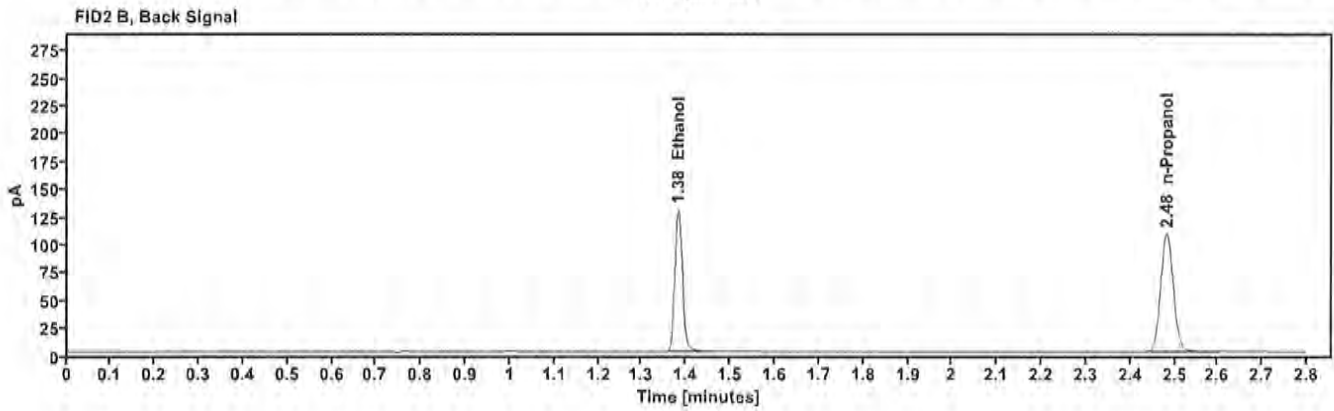
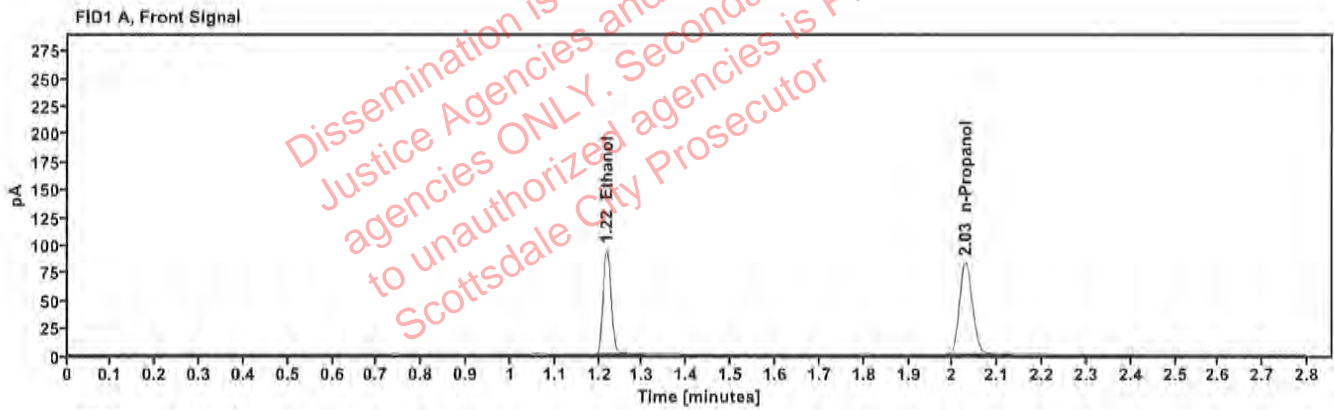


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2013	1.217	121.081
n-Propanol	-----	2.029	167.664

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

Compound	Time (min)	Peak Area
Ethanol	1.382	155.223
n-Propanol	2.482	214.677

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 4:40:02 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\20.D	Analyst:	Canonico <i>EC</i>

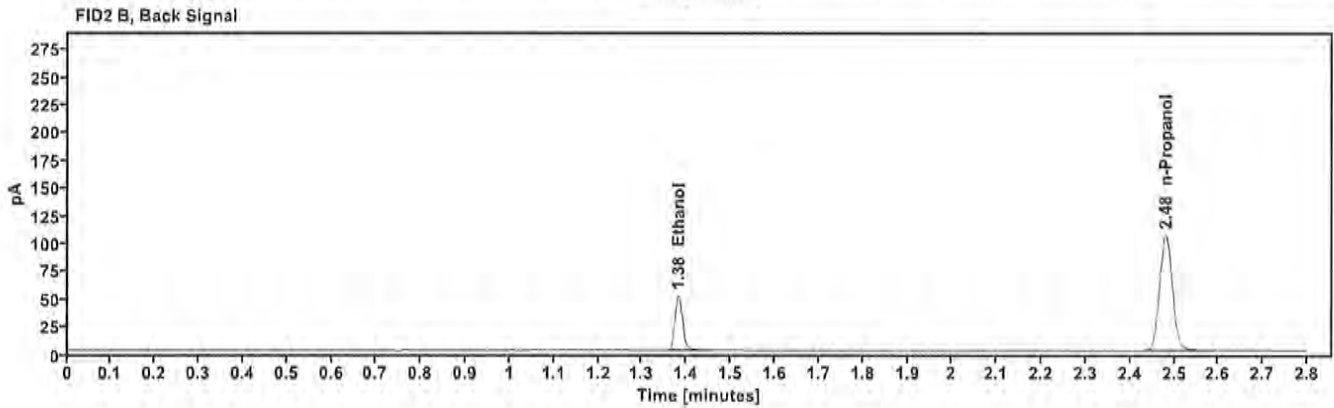
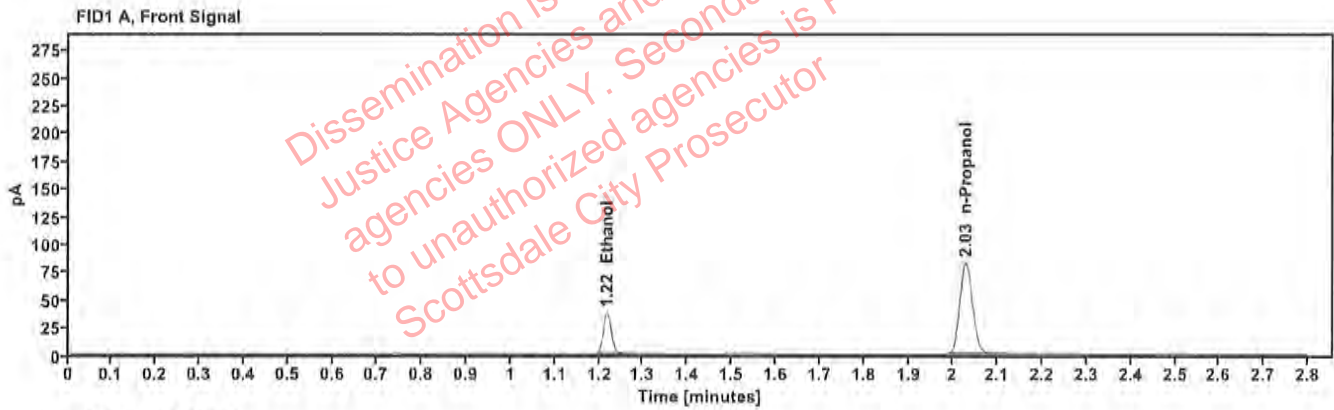


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0800	1.217	46.924
n-Propanol	-----	2.028	164.694

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

Compound	Time (min)	Peak Area
Ethanol	1.381	60.248
n-Propanol	2.481	210.717



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 10Aug22 5
Instrument: US14173023 CN14160045	Injection date: 8/10/2022 5:24:32 PM
Data file: C:\Chem32\1\Data\10Aug22 5\31.D	Analyst: Canonico <i>ec</i>

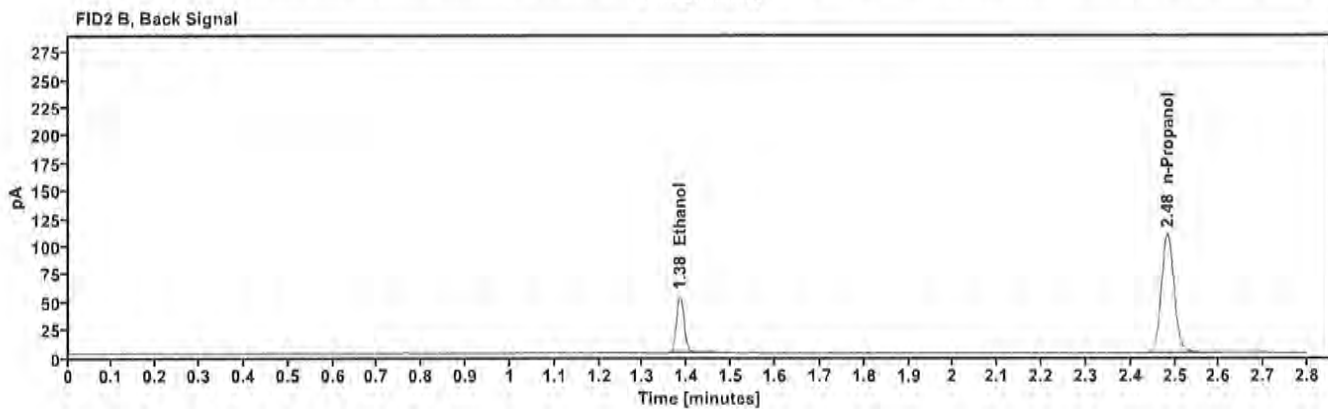
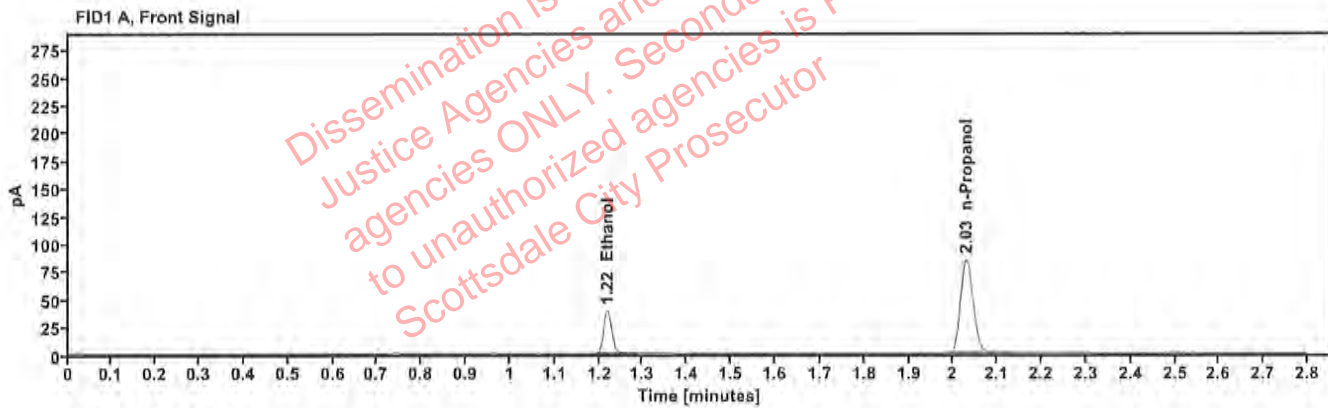


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0821	1.219	49.468
n-Propanol	---	2.030	169.165

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

Compound	Time (min)	Peak Area
Ethanol	1.383	63.429
n-Propanol	2.483	216.642

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 11092018-A	<b>Vial:</b> 42
<b>Description:</b> 0.400	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 10Aug22 5
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 8/10/2022 6:08:47 PM
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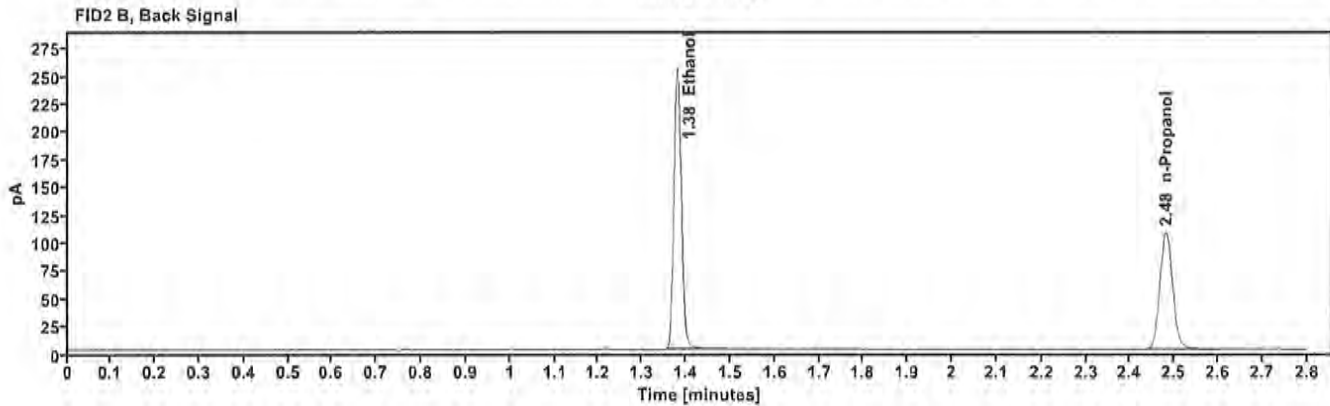
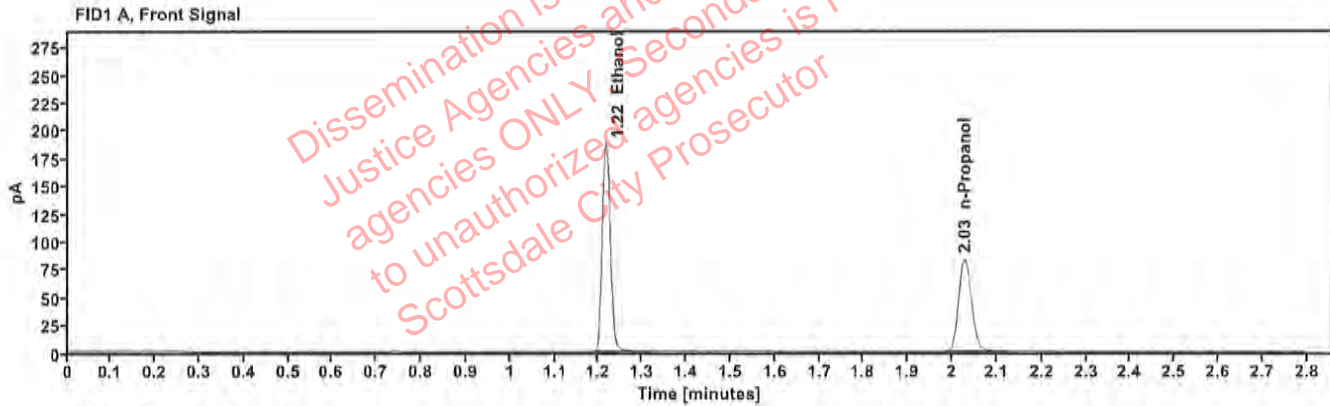


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3985	1.216	239.045
n-Propanol	—	2.028	166.786

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

Compound	Time (min)	Peak Area
Ethanol	1.380	307.607
n-Propanol	2.481	213.608

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 10Aug22 5
Instrument: US14173023 CN14160045	Injection date: 8/10/2022 6:13:02 PM
Data file: C:\Chem32\1\Data\10Aug22 5\43.D	Analyst: Canonico <i>EC</i>

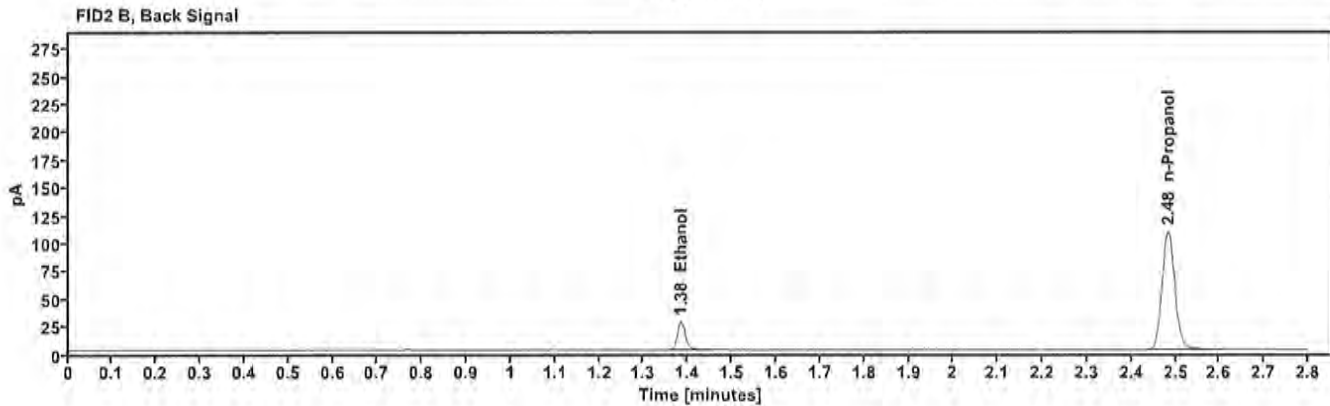
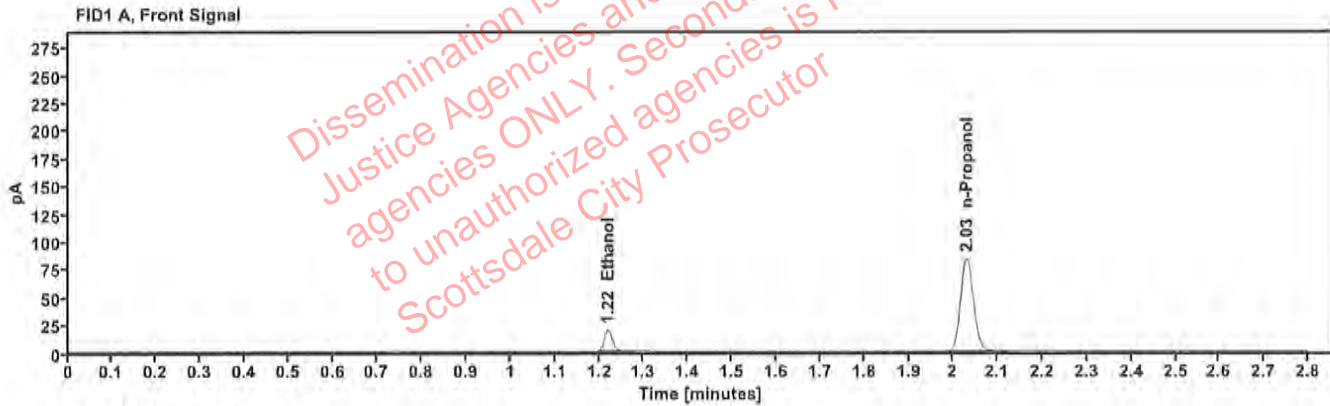


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0416	1.220	24.671
n-Propanol	---	2.030	168.860

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

Compound	Time (min)	Peak Area
Ethanol	1.384	31.693
n-Propanol	2.484	216.285

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 4110320133/8	<b>Vial:</b> 44
<b>Description:</b> 0.199	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 10Aug22 5
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 8/10/2022 6:17:02 PM
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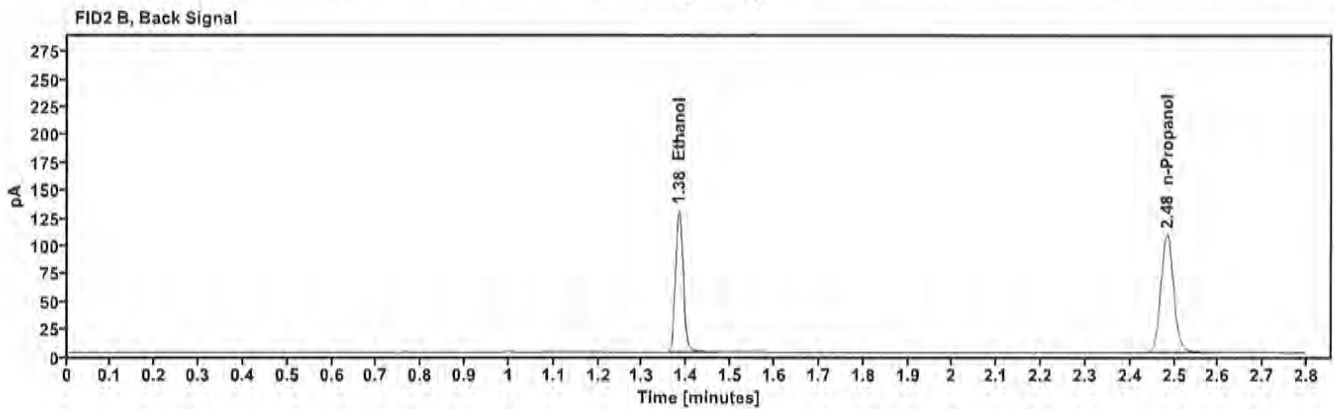
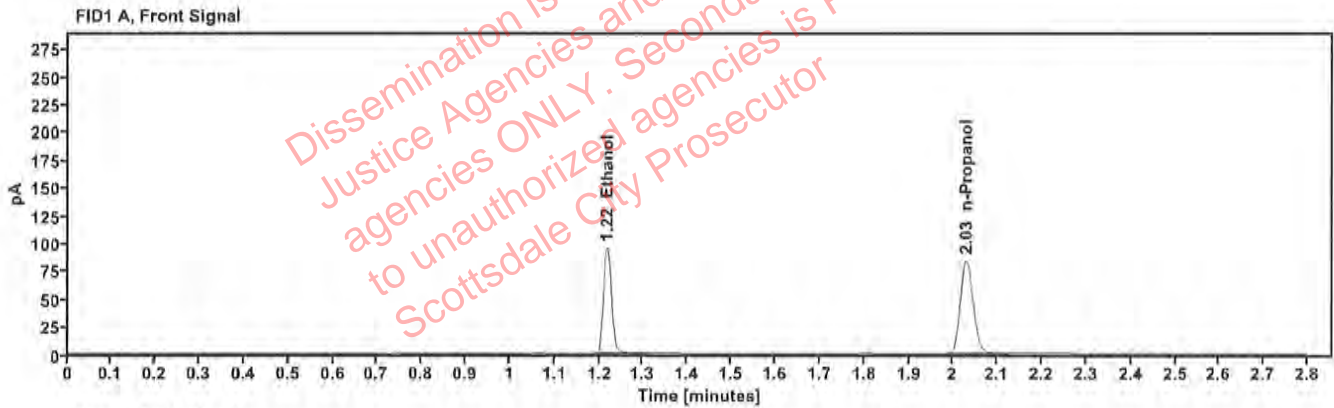


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2012	1.218	121.537
n-Propanol	---	2.030	168.350

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

Compound	Time (min)	Peak Area
Ethanol	1.382	155.965
n-Propanol	2.483	215.626



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	101921WB	<b>Vial:</b>	45
<b>Description:</b>	Negative	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	10Aug22 5
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	8/10/2022 6:21:02 PM
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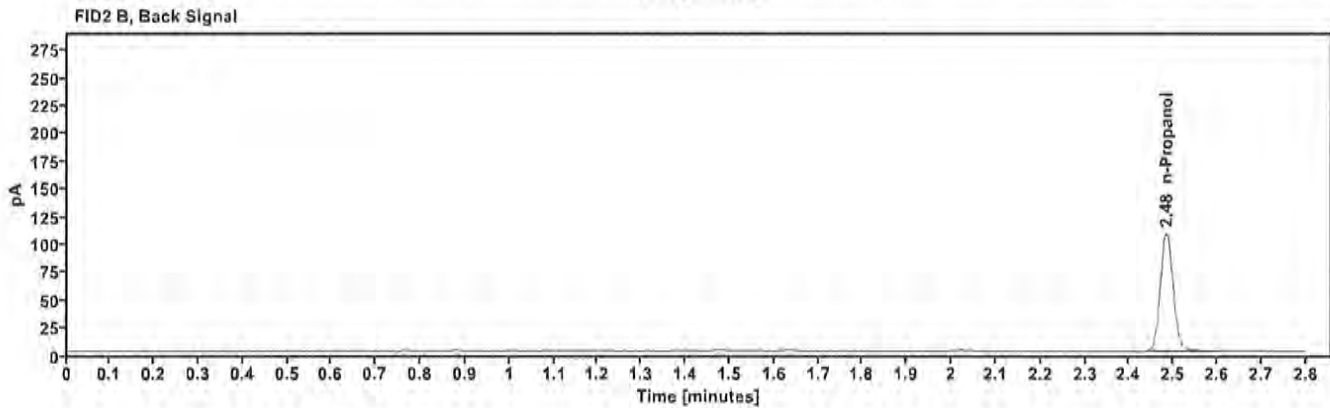
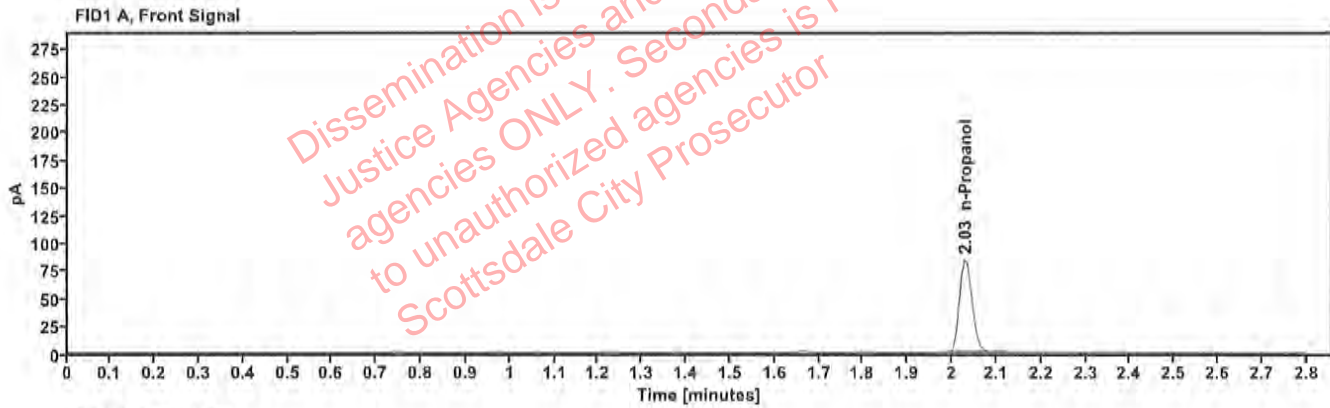


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.030	167.331

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

Compound	Time (min)	Peak Area
n-Propanol	2.484	215.199

# Sequence Summary

Sequence name: 10Aug22 5      Instrument: US14173023 CN14160045      Analyst: Canonico *ec*

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	070622AQ	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	40501JF		Sample		ethanol quant.M
11	40501JF		Sample		ethanol quant.M
12	40901JC		Sample		ethanol quant.M
13	40901JC		Sample		ethanol quant.M
14	40701TH		Sample		ethanol quant.M
15	40701TH		Sample		ethanol quant.M
16	40801JW		Sample		ethanol quant.M
17	40801JW		Sample		ethanol quant.M
18	32701RH		Sample		ethanol quant.M
19	32701RH		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	40801KB		Sample		ethanol quant.M
22	40801KB		Sample		ethanol quant.M
23	32701TA		Sample		ethanol quant.M
24	32701TA		Sample		ethanol quant.M
25	41201CC		Sample		ethanol quant.M
26	41201CC		Sample		ethanol quant.M
27	40501CQ		Sample		ethanol quant.M
28	40501CQ		Sample		ethanol quant.M
29	3951PR		Sample		ethanol quant.M
30	3951PR		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	38501CL		Sample		ethanol quant.M
33	38501CL		Sample		ethanol quant.M
34	40401CR		Sample		ethanol quant.M
35	40401CR		Sample		ethanol quant.M
36	40901RH		Sample		ethanol quant.M
37	40901RH		Sample		ethanol quant.M
38	38101JG		Sample		ethanol quant.M
39	38101JG		Sample		ethanol quant.M
40	35301JF		Sample		ethanol quant.M
41	35301JF		Sample		ethanol quant.M
42	11092018-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	4110320133/8	0.199	Control		ethanol quant.M
45	101921WB	Negative	Control		ethanol quant.M

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# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 10Aug22 5

ANALYST: Canonico ec

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1989	0.1981	0.19850	0.20	0.00040
12 13	0.1069	0.1060	0.10645	0.42	0.00045
14 15	0.0682	0.0691	0.06865	0.66	0.00045
16 17	0.2160	0.2141	0.21505	0.44	0.00095
18 19	0.2158	0.2129	0.21435	0.68	0.00145
21 22	0.2114	0.2109	0.21115	0.12	0.00025
23 24	0.2156	0.2137	0.21465	0.44	0.00095
25 26	0.0744	0.0741	0.07425	0.20	0.00015
27 28	0.1066	0.1076	0.10710	0.47	0.00050
29 30	0.1780	0.1762	0.17710	0.51	0.00090
32 33	0.0809	0.0807	0.08080	0.12	0.00010
34 35	0.1486	0.1497	0.14915	0.37	0.00055
36 37	0.1979	0.1970	0.19745	0.23	0.00045
38 39	0.1632	0.1621	0.16265	0.34	0.00055
40 41	0.1992	0.1999	0.19955	0.18	0.00035

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







## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 40501JF	Vial: 10
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 10Aug22 5
Instrument: US14173023 CN14160045	Injection date: 8/10/2022 3:59:31 PM
Data file: C:\Chem32\1\Data\10Aug22 5\10.D	Analyst: Canonico

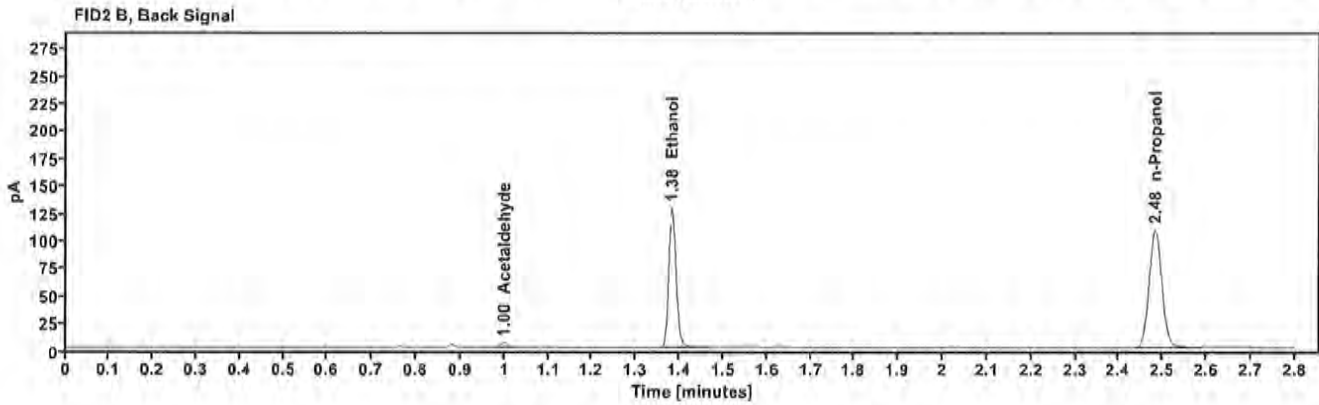
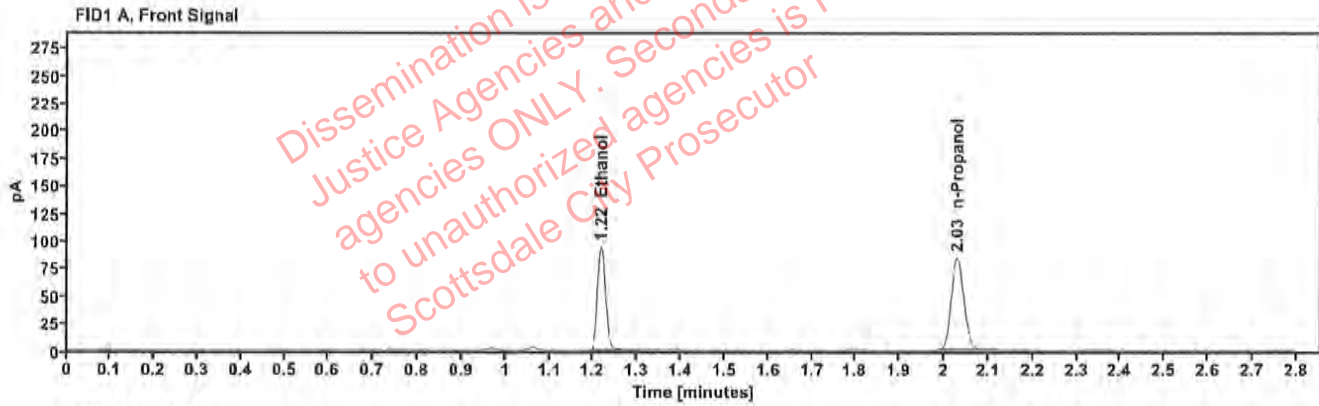


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1989	1.217	120.003
n-Propanol	---	2.029	168.215

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.999	3.751
Ethanol	1.382	153.831
n-Propanol	2.482	215.350

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40501JF	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 4:03:31 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\11.D	Analyst:	Canonico

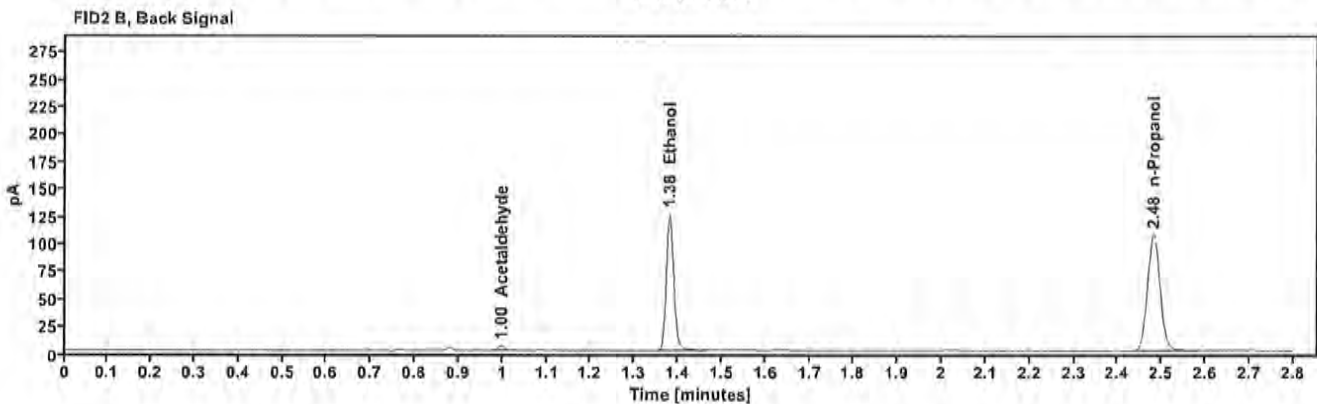
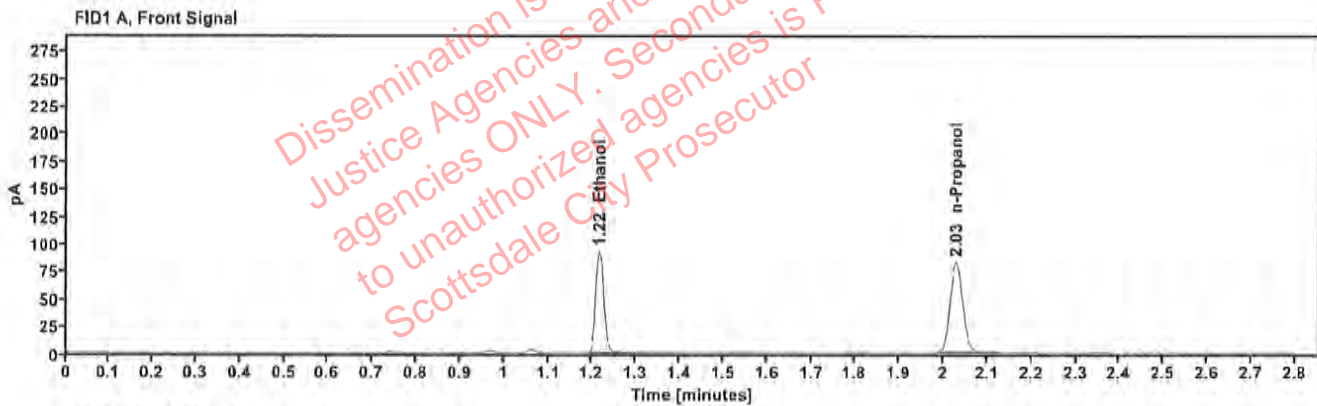


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1981	1.216	117.529
n-Propanol	---	2.028	165.421

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.997	3.844
Ethanol	1.380	150.923
n-Propanol	2.481	211.560

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 40901JC	Vial: 12
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 10Aug22 5
Instrument: US14173023 CN14160045	Injection date: 8/10/2022 4:07:31 PM
Data file: C:\Chem32\1\Data\10Aug22 5\12.D	Analyst: Canonico

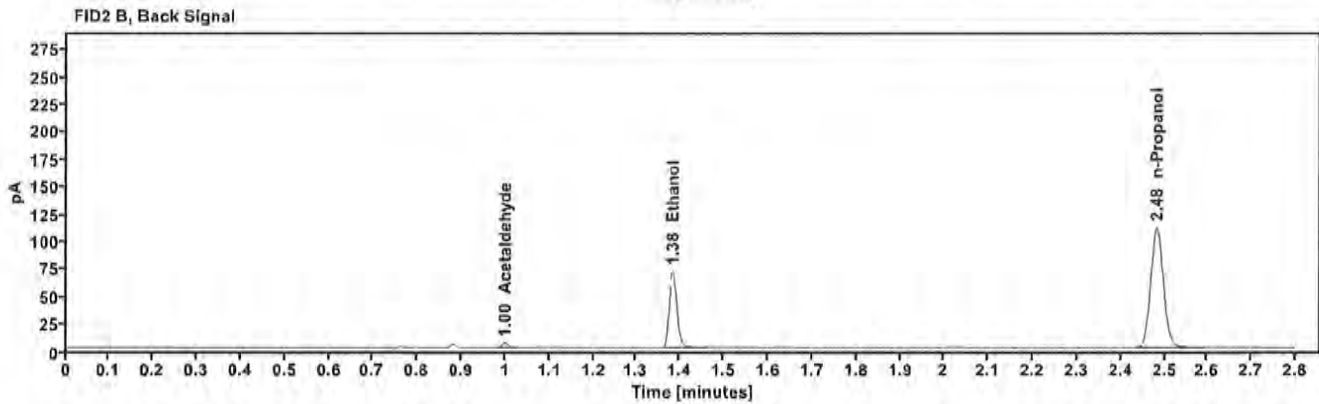
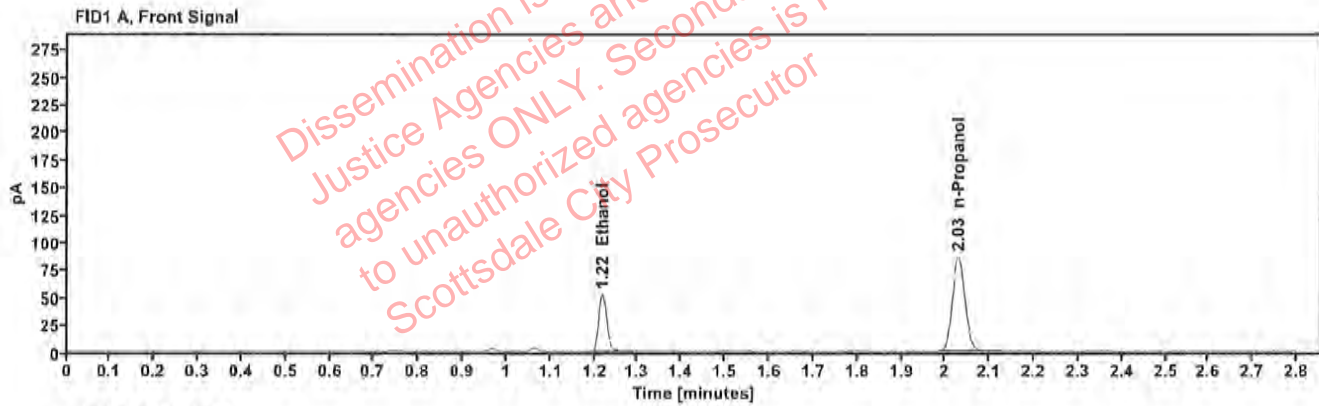


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1069	1.218	65.738
n-Propanol	---	2.029	172.252

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.999	4.051
Ethanol	1.383	84.202
n-Propanol	2.482	220.534

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 40901JC	Vial: 13
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 10Aug22 5
Instrument: US14173023 CN14160045	Injection date: 8/10/2022 4:11:47 PM
Data file: C:\Chem32\1\Data\10Aug22 5\13.D	Analyst: Canonico

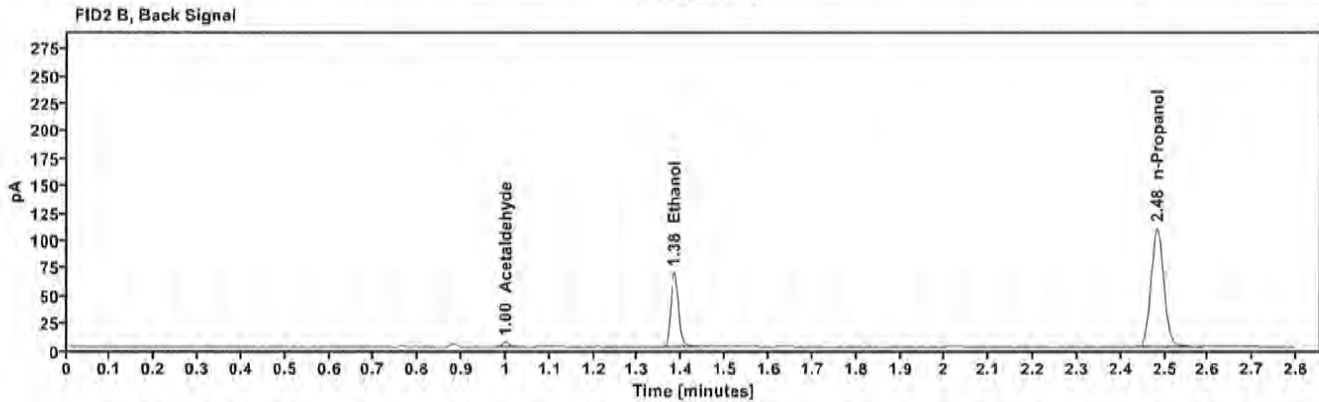
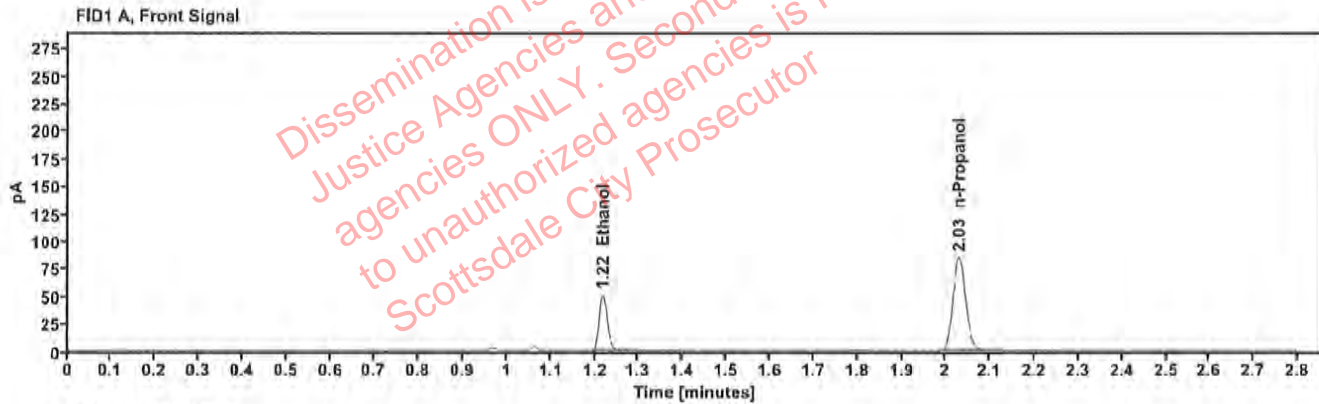


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1060	1.218	64.082
n-Propanol	---	2.029	169.269

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.999	4.011
Ethanol	1.383	82.008
n-Propanol	2.483	216.613



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40701TH	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 4:15:47 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\14.D	Analyst:	Canonico

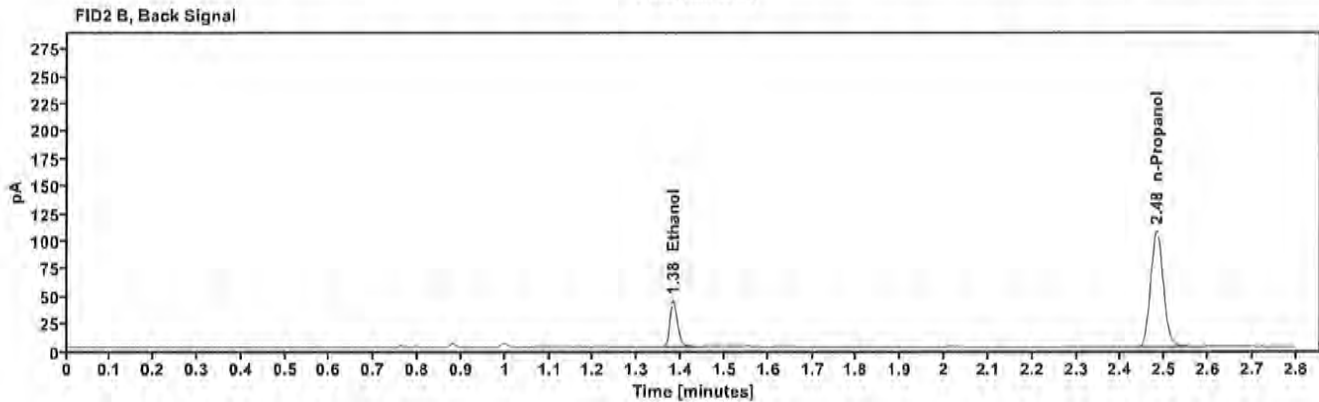
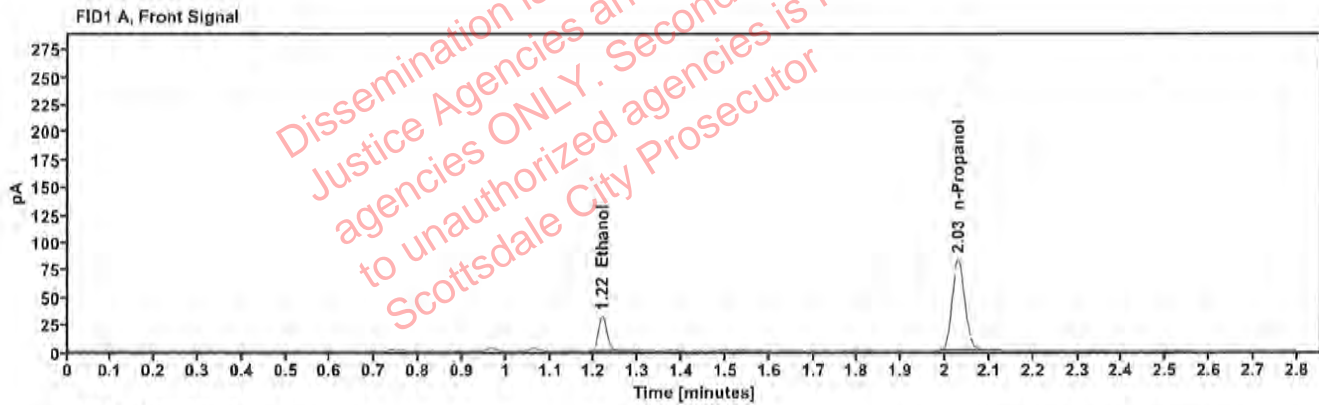


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0682	1.218	40.315
n-Propanol	—	2.029	166.403

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

Compound	Time (min)	Peak Area
Ethanol	1.382	52.179
n-Propanol	2.482	213.182

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40701TH	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 4:19:47 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\15.D	Analyst:	Canonico

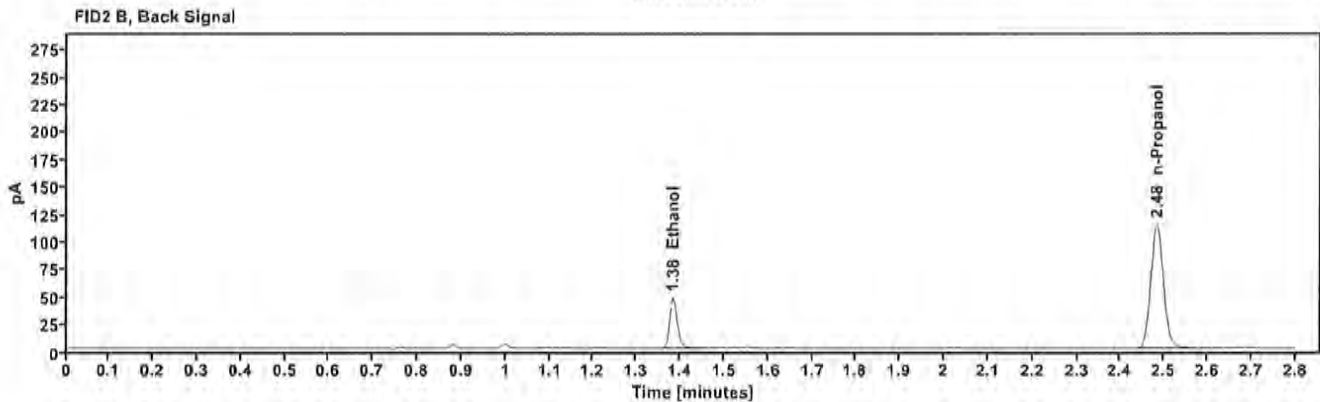
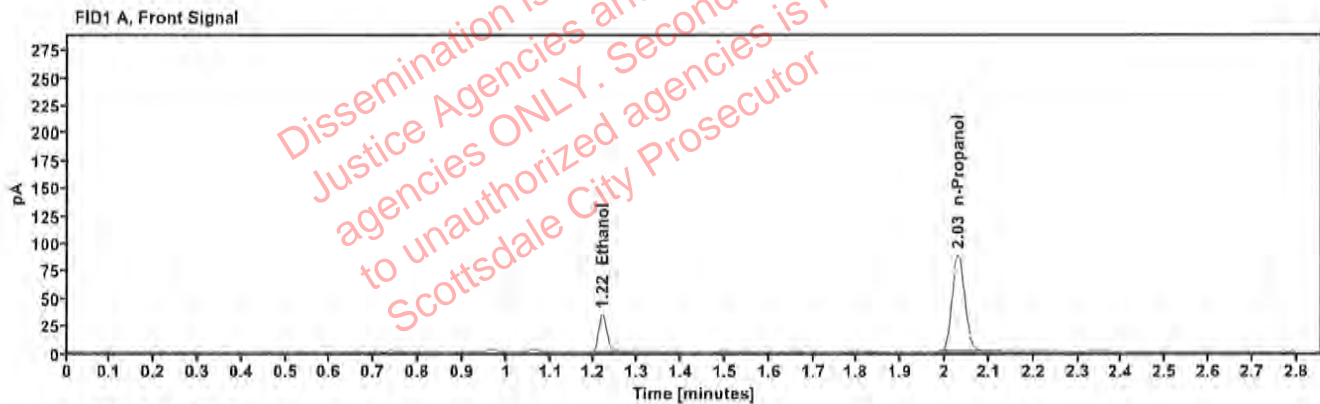


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0691	1.219	43.400
n-Propanol	—	2.030	176.746

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

Compound	Time (min)	Peak Area
Ethanol	1.383	56.230
n-Propanol	2.483	226.484

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40801JW	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 4:23:47 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\16.D	Analyst:	Canonico

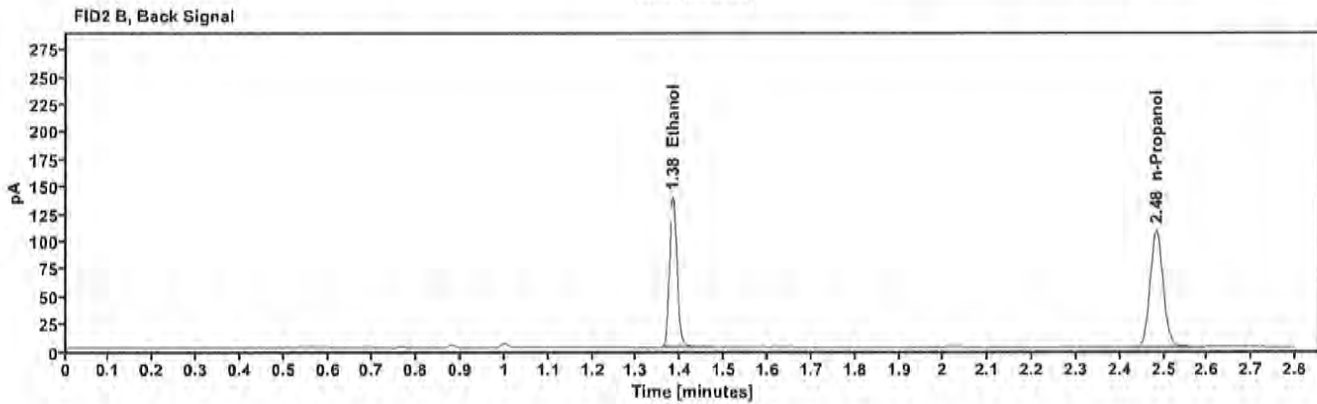
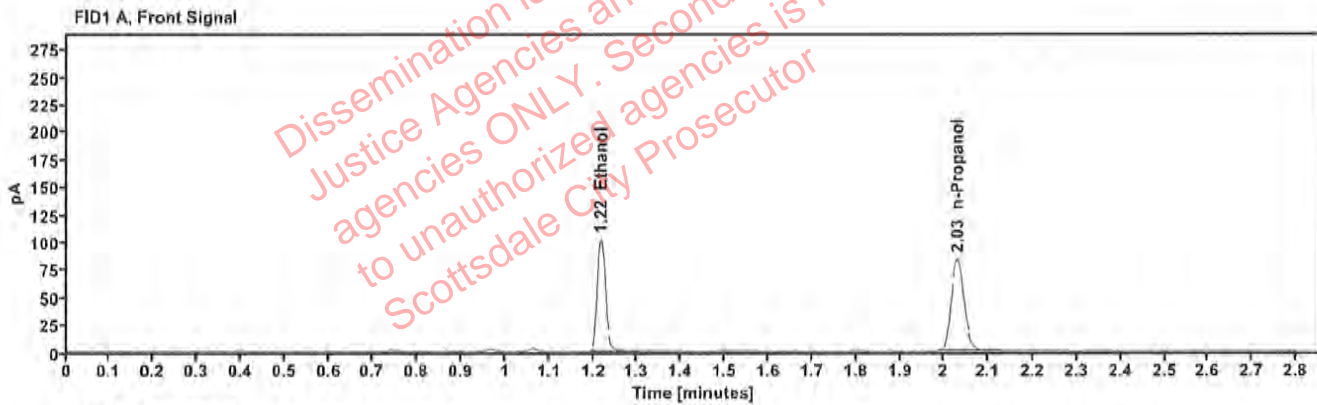


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2160	1.218	129.981
n-Propanol	---	2.030	167.634

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

Compound	Time (min)	Peak Area
Ethanol	1.382	166.810
n-Propanol	2.483	214.381

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 40801JW	Vial: 17
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 10Aug22 5
Instrument: US14173023 CN14160045	Injection date: 8/10/2022 4:27:46 PM
Data file: C:\Chem32\1\Data\10Aug22 5\17.D	Analyst: Canonico

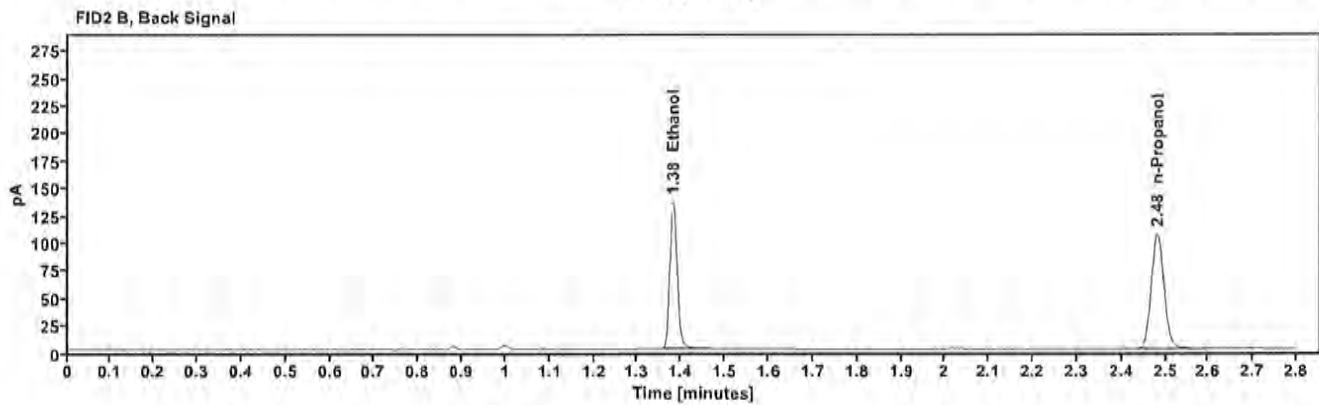
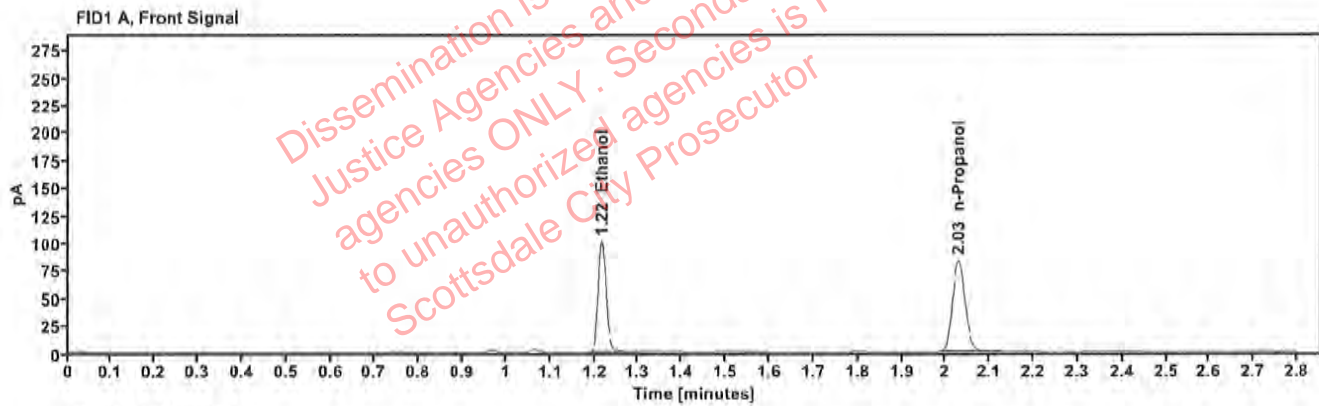


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2141	1.217	127.524
n-Propanol	---	2.029	165.962

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

Compound	Time (min)	Peak Area
Ethanol	1.381	163.783
n-Propanol	2.482	212.098



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701RH	Vial:	18
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 4:31:46 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\18.D	Analyst:	Canonico

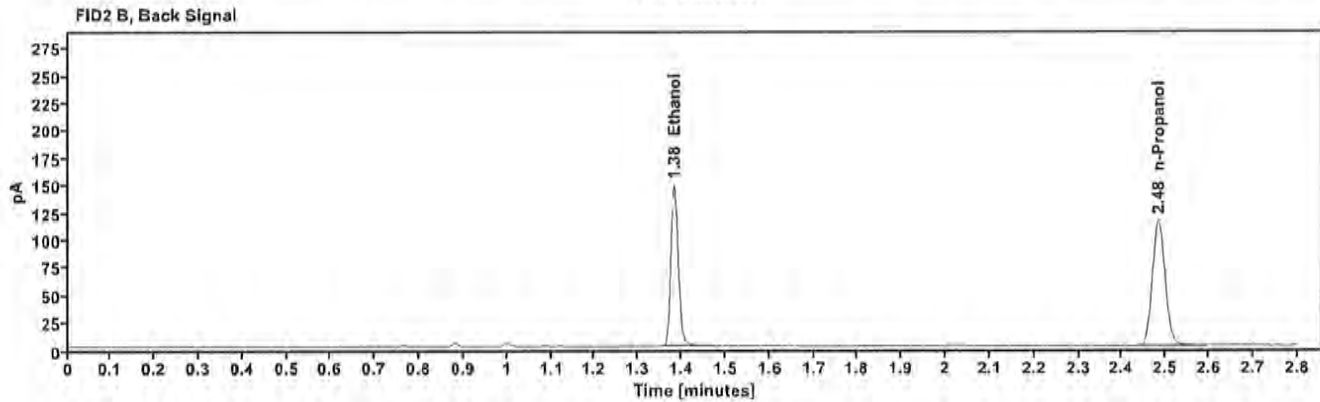
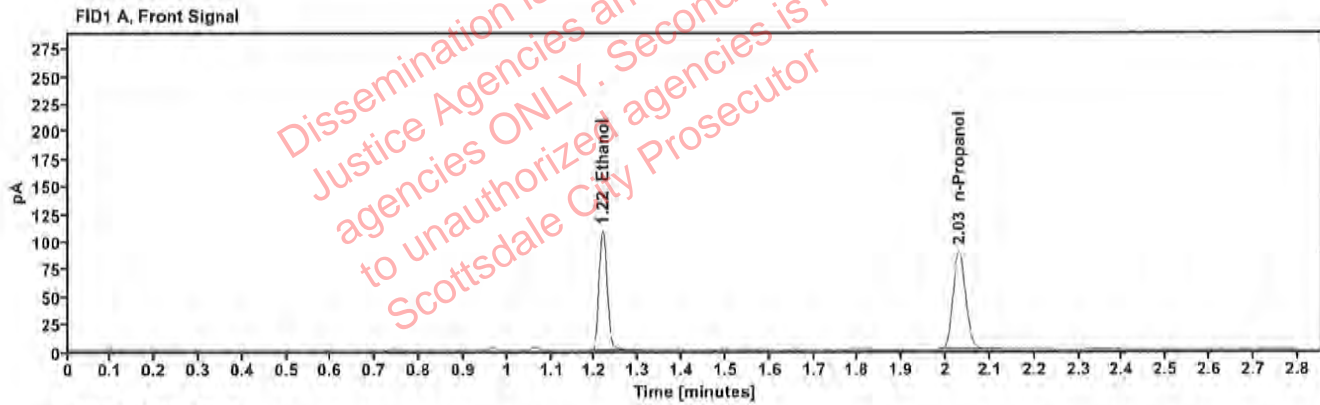


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2158	1.218	138.668
n-Propanol	—	2.030	179.029

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

Compound	Time (min)	Peak Area
Ethanol	1.383	178.125
n-Propanol	2.483	229.430

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701RH	Vial:	19
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 4:36:02 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\19.D	Analyst:	Canonico

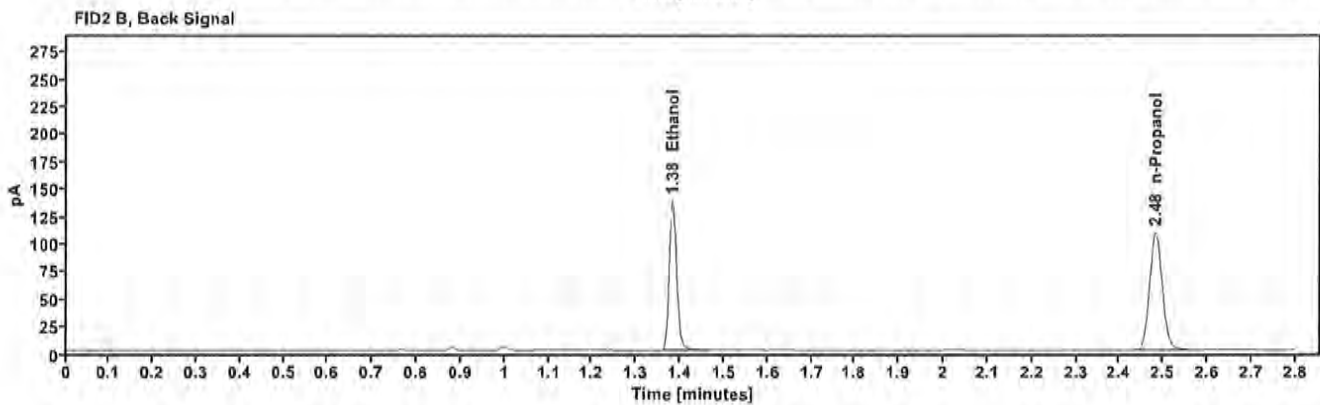
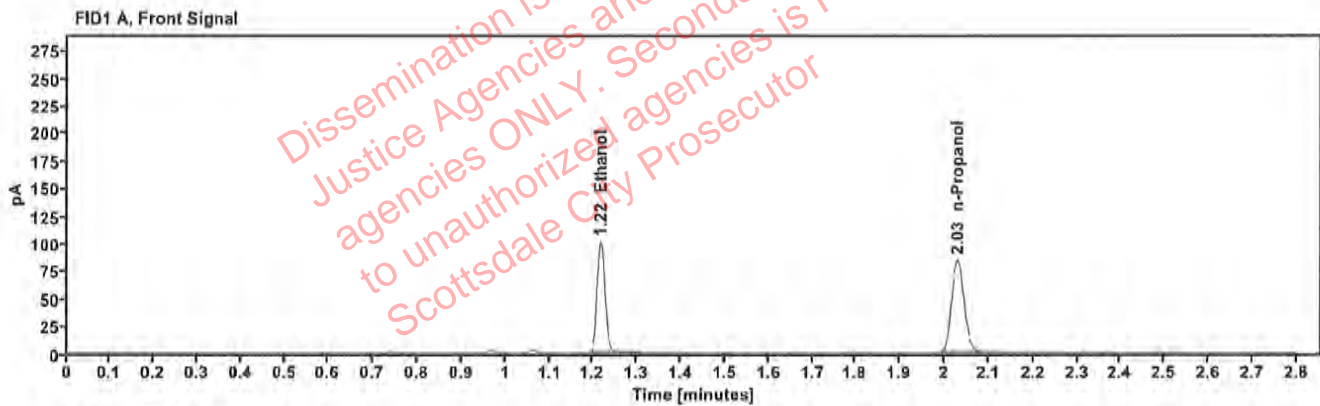


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2129	1.217	128.178
n-Propanol	---	2.029	167.728

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

Compound	Time (min)	Peak Area
Ethanol	1.382	164.456
n-Propanol	2.483	214.882

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40801KB	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 4:44:02 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\21.D	Analyst:	Canonico

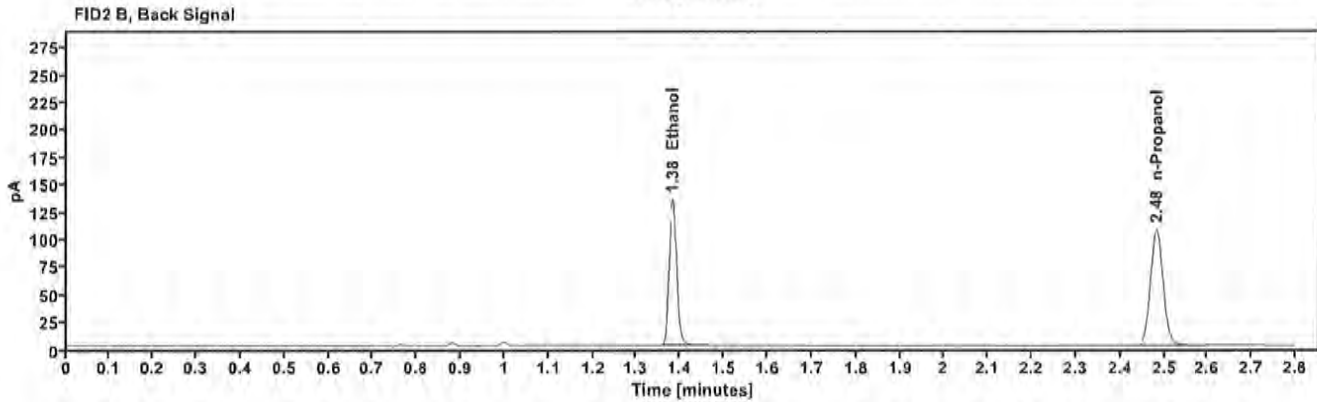
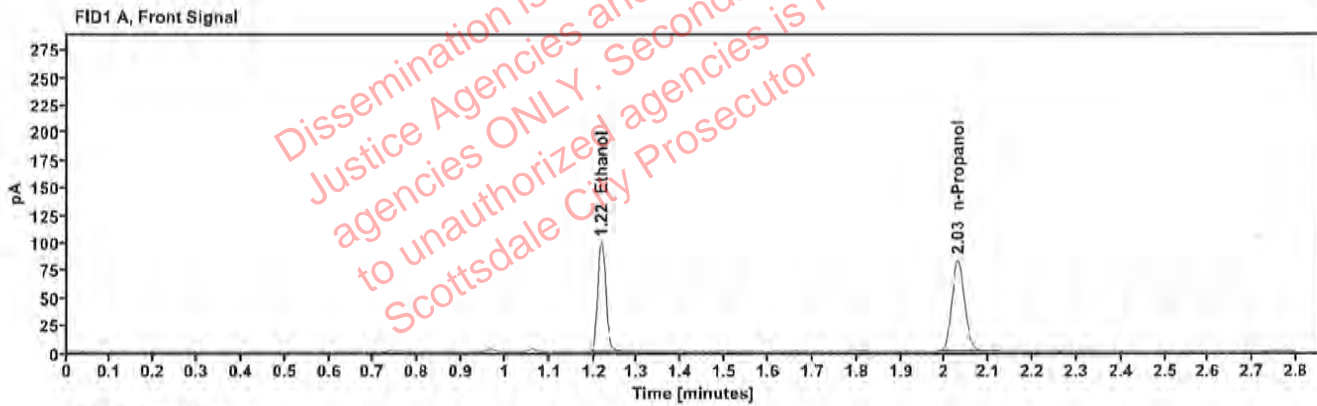


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2114	1.217	126.008
n-Propanol	---	2.029	166.080

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

Compound	Time (min)	Peak Area
Ethanol	1.382	161.484
n-Propanol	2.482	212.627

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 40801KB	<b>Vial:</b> 22
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 10Aug22 5
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 8/10/2022 4:48:01 PM
<b>Data file:</b> C:\Chem32\1\Data\10Aug22 5\22.D	<b>Analyst:</b> Canonico

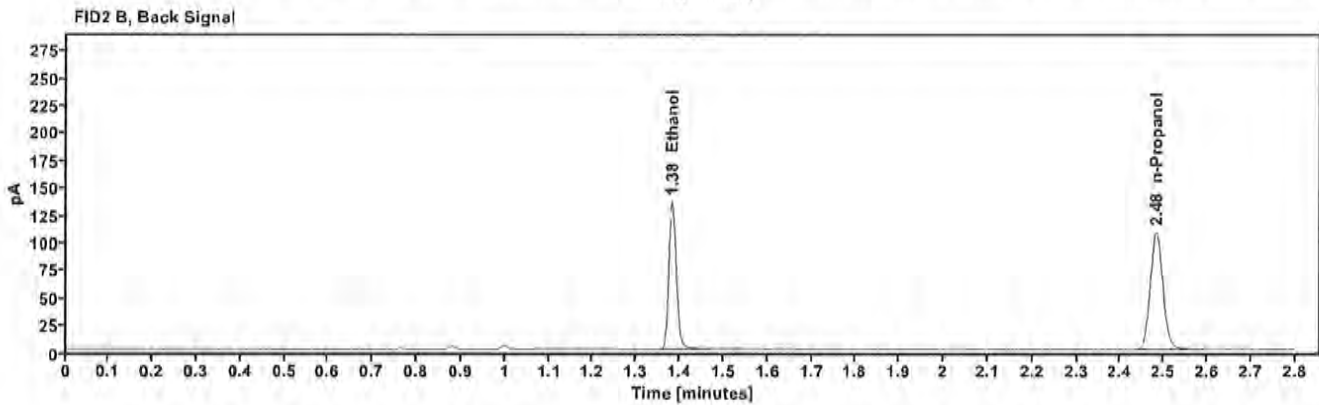
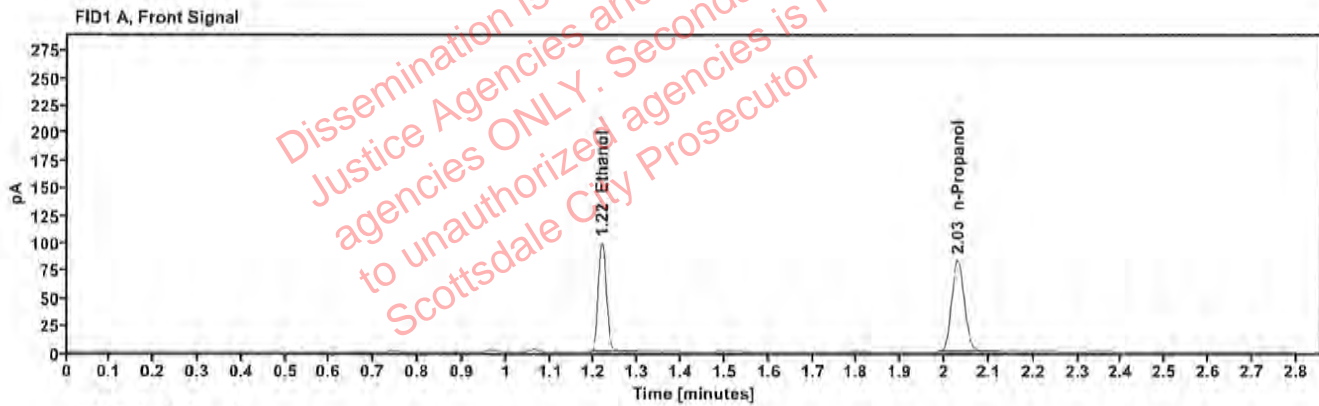


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2109	1.217	126.763
n-Propanol	---	2.029	167.487

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

Compound	Time (min)	Peak Area
Ethanol	1.382	162.755
n-Propanol	2.483	214.443



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701TA	Vial:	23
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 4:52:01 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\23.D	Analyst:	Canonico

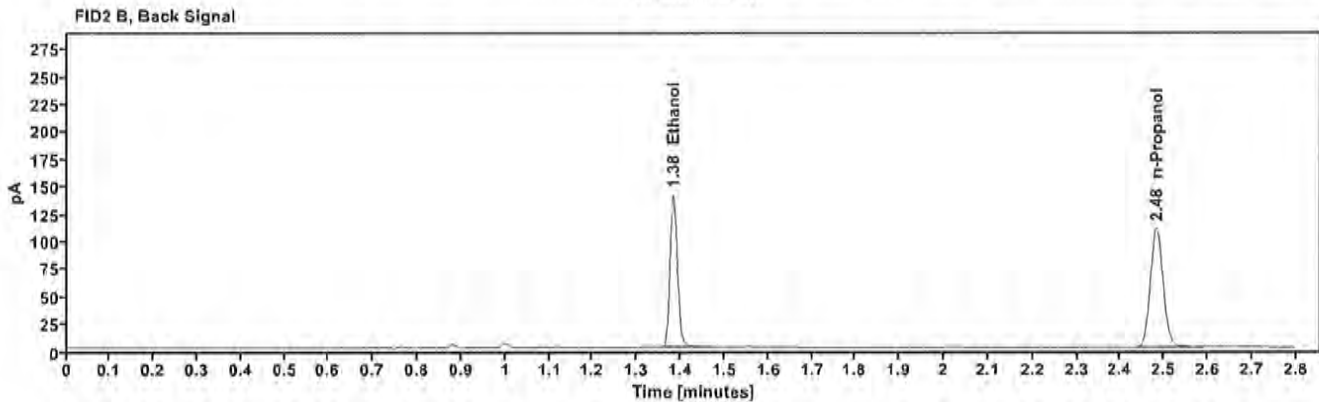
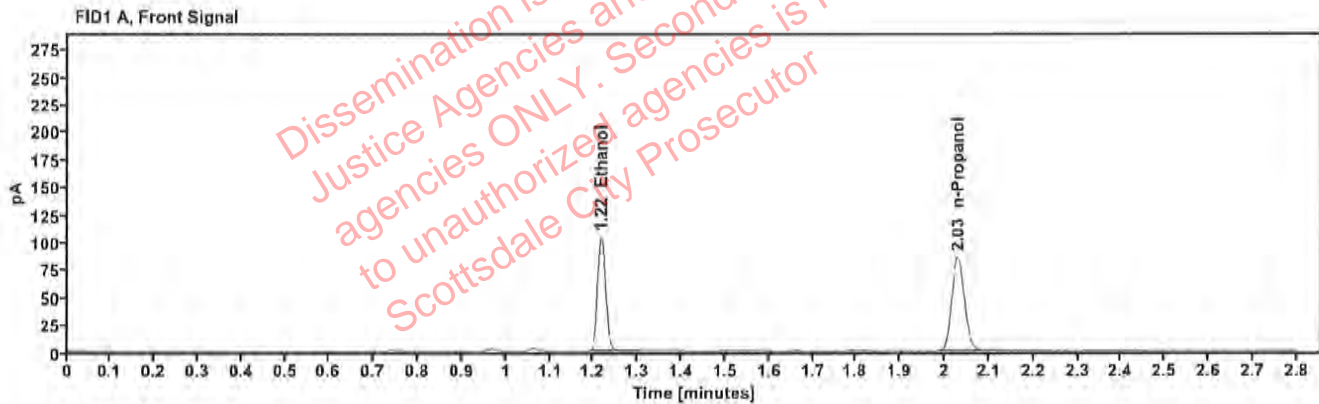


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2156	1.217	132.214
n-Propanol	—	2.029	170.899

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

Compound	Time (min)	Peak Area
Ethanol	1.382	169.744
n-Propanol	2.483	218.389

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701TA	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 4:56:01 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\24.D	Analyst:	Canonico

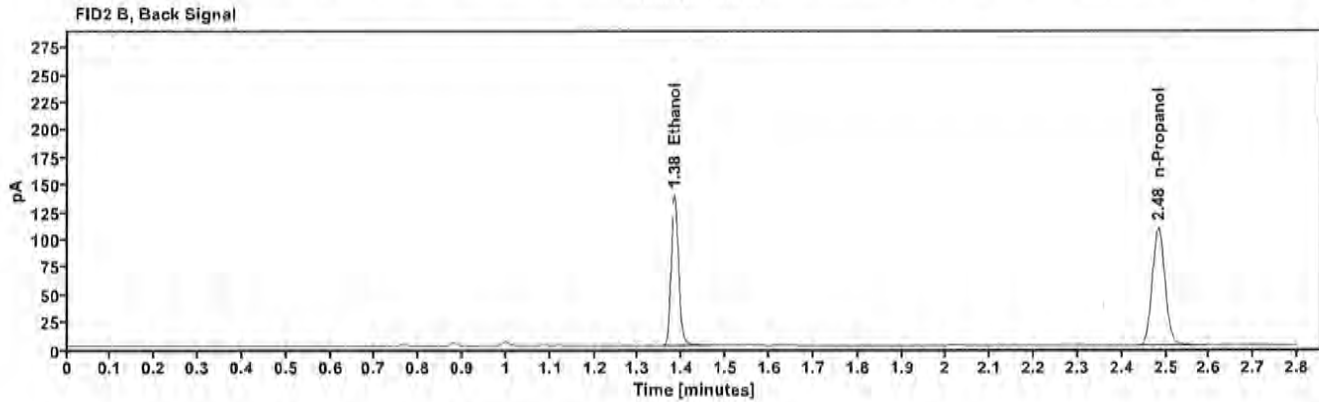
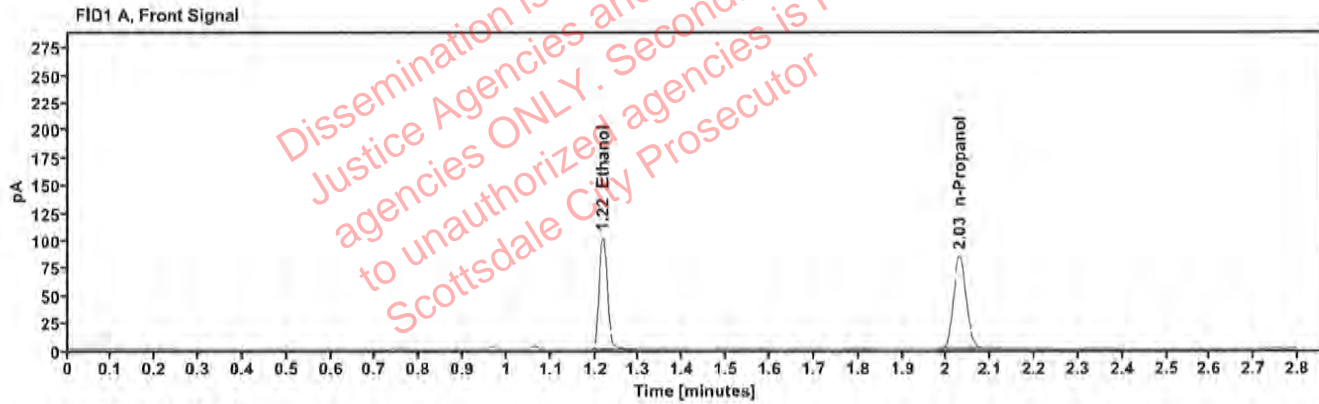


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2137	1.217	129.961
n-Propanol	—	2.029	169.446

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

Compound	Time (min)	Peak Area
Ethanol	1.382	166.715
n-Propanol	2.482	216.711

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	41201CC	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 5:00:17 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\25.D	Analyst:	Canonico

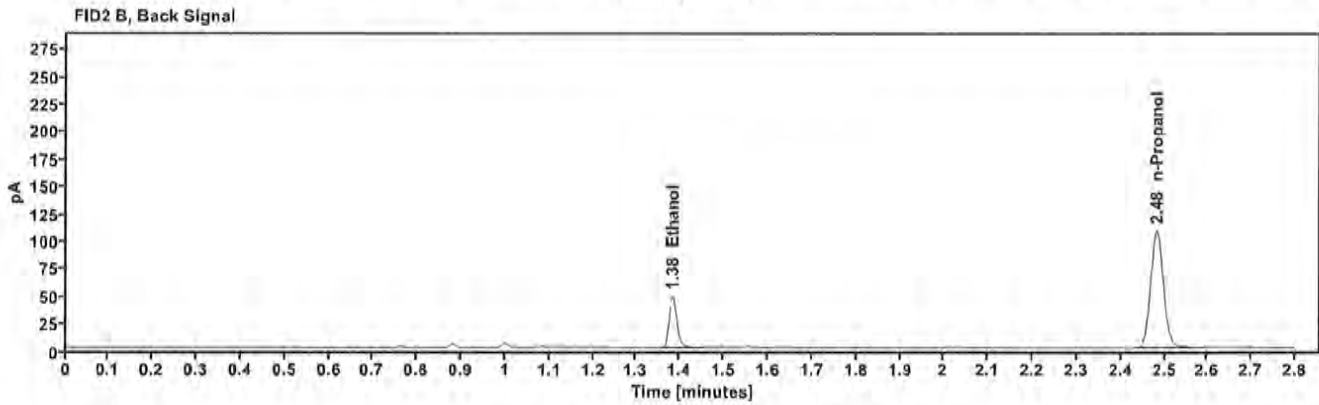
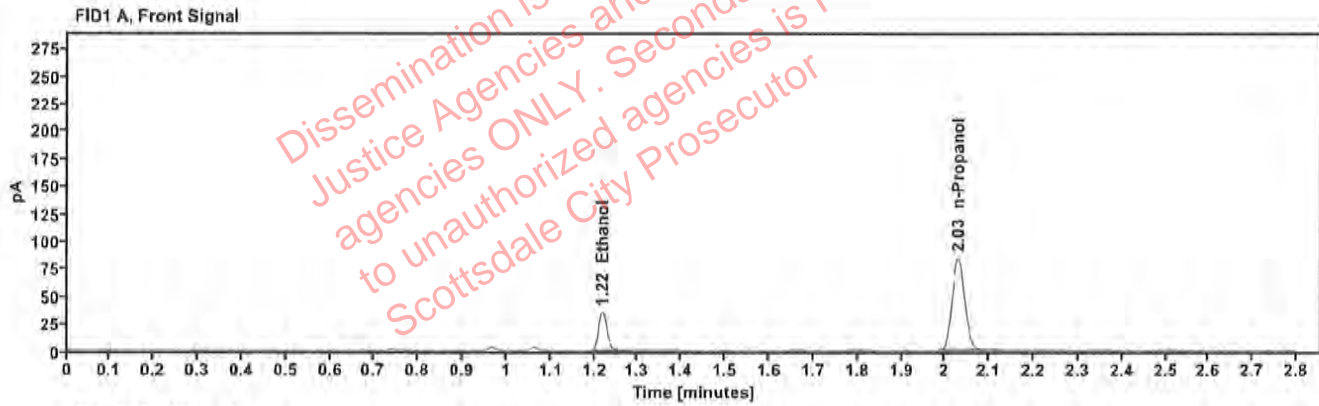


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0744	1.218	44.600
n-Propanol	---	2.029	168.543

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

Compound	Time (min)	Peak Area
Ethanol	1.383	57.583
n-Propanol	2.483	215.727

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	41201CC	Vial:	26
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 5:04:17 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\26.D	Analyst:	Canonico

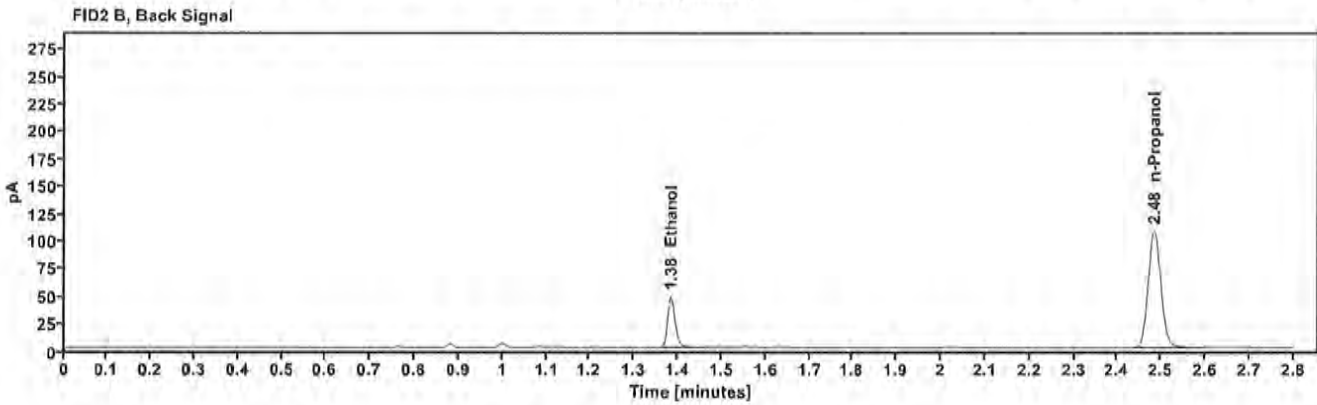
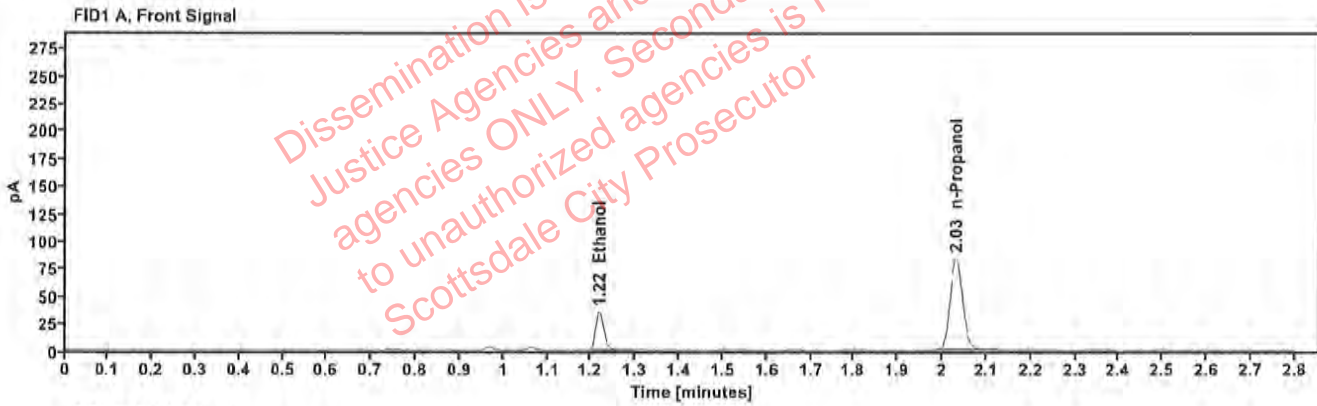


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0741	1.219	44.258
n-Propanol	-----	2.030	167.875

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

Compound	Time (min)	Peak Area
Ethanol	1.383	57.177
n-Propanol	2.484	214.978



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 40501CQ	Vial: 27
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 10Aug22 5
Instrument: US14173023 CN14160045	Injection date: 8/10/2022 5:08:17 PM
Data file: C:\Chem32\1\Data\10Aug22 5\27.D	Analyst: Canonico

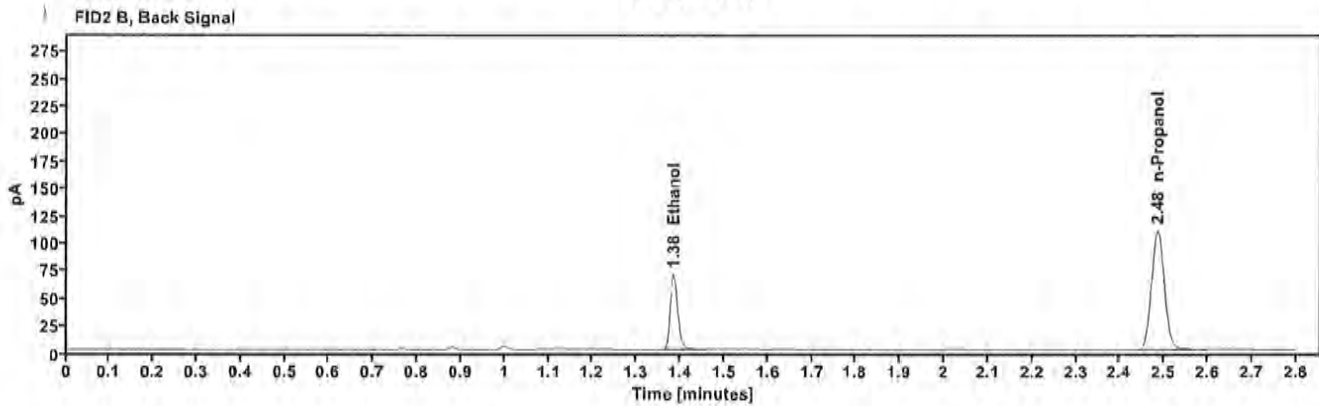
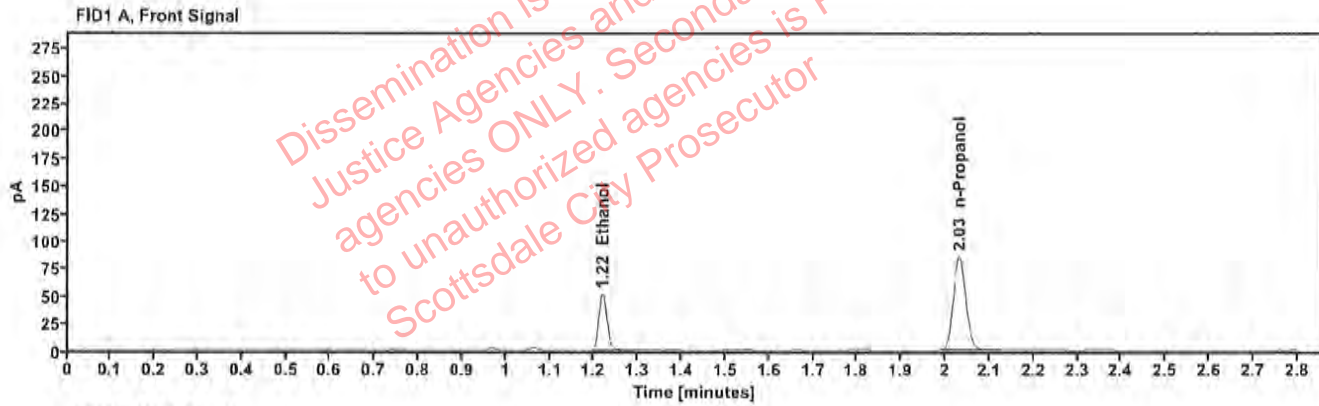


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1066	1.219	64.945
n-Propanol	---	2.031	170.611

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

Compound	Time (min)	Peak Area
Ethanol	1.384	83.230
n-Propanol	2.485	218.834

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 40501CQ	<b>Vial:</b> 28
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 10Aug22 5
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 8/10/2022 5:12:17 PM
<b>Data file:</b> C:\Chem32\1\Data\10Aug22 5\28.D	<b>Analyst:</b> Canonico

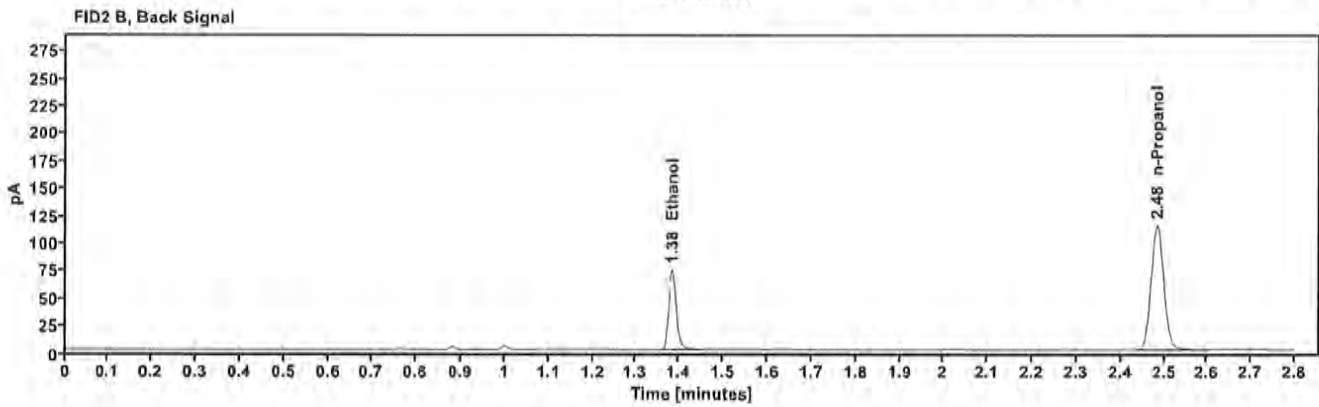
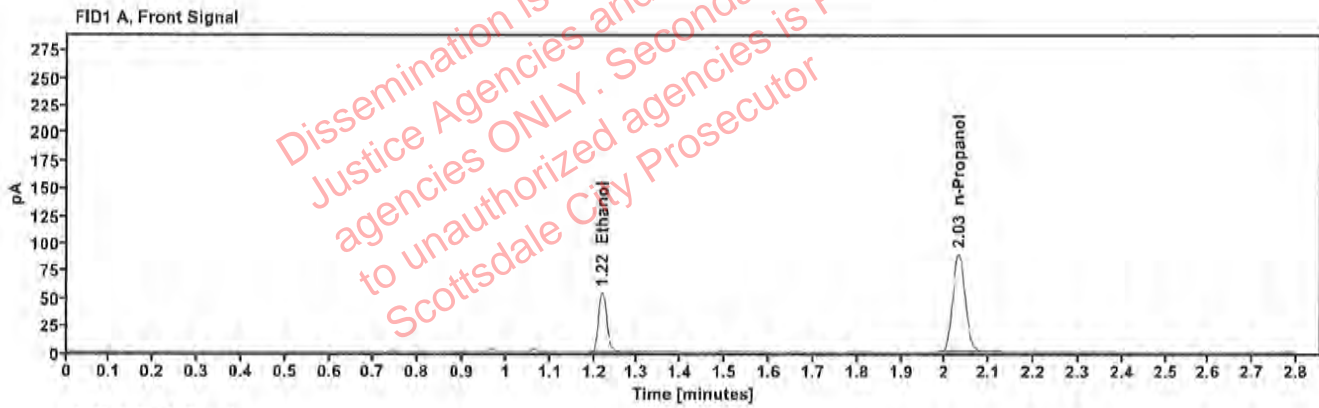


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1076	1.219	68.788
n-Propanol	-----	2.030	178.940

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

Compound	Time (min)	Peak Area
Ethanol	1.384	88.082
n-Propanol	2.484	229.723

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	3951PR	Vial:	29
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 5:16:17 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\29.D	Analyst:	Canonico

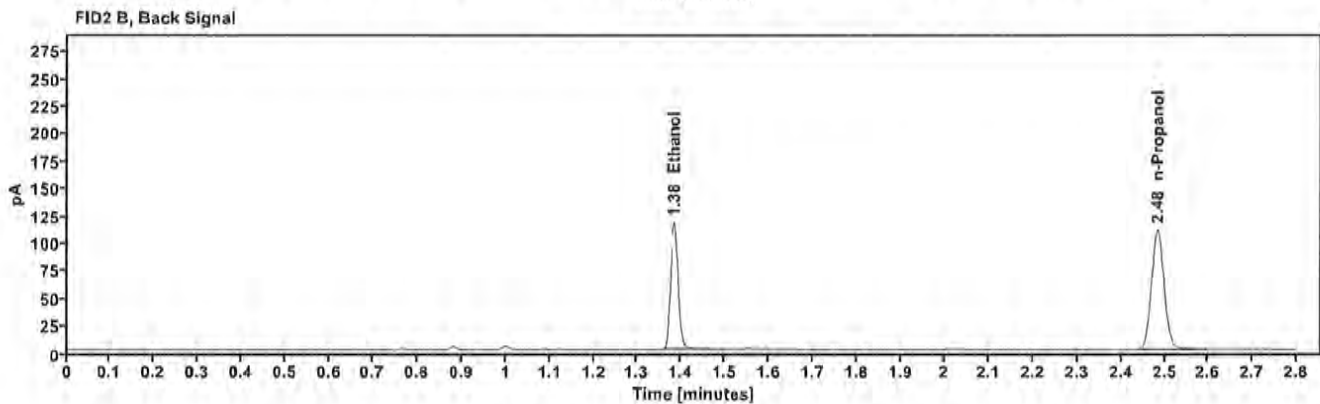
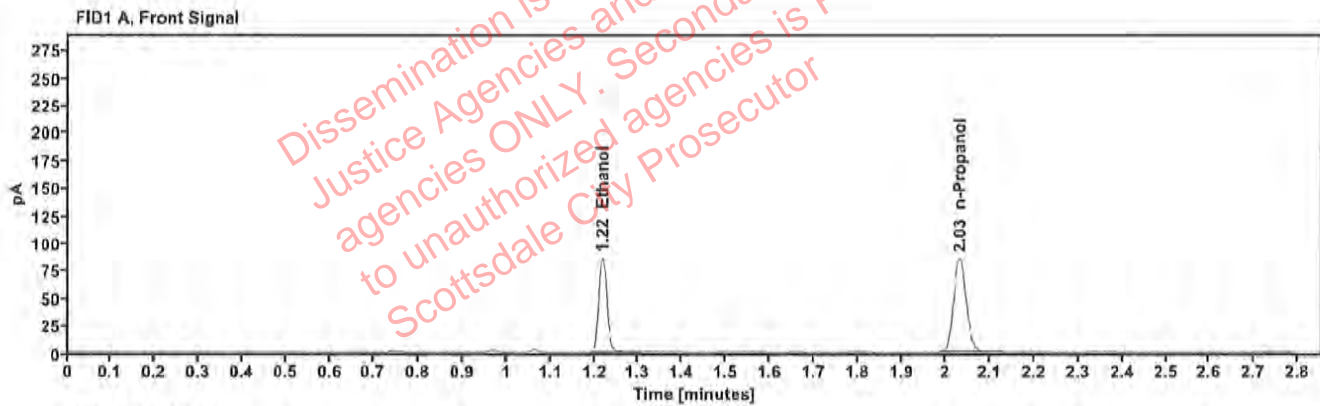


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1780	1.218	109.563
n-Propanol	---	2.030	171.665

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

Compound	Time (min)	Peak Area
Ethanol	1.383	140.618
n-Propanol	2.484	219.638

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	3951PR	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 5:20:16 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\30.D	Analyst:	Canonico

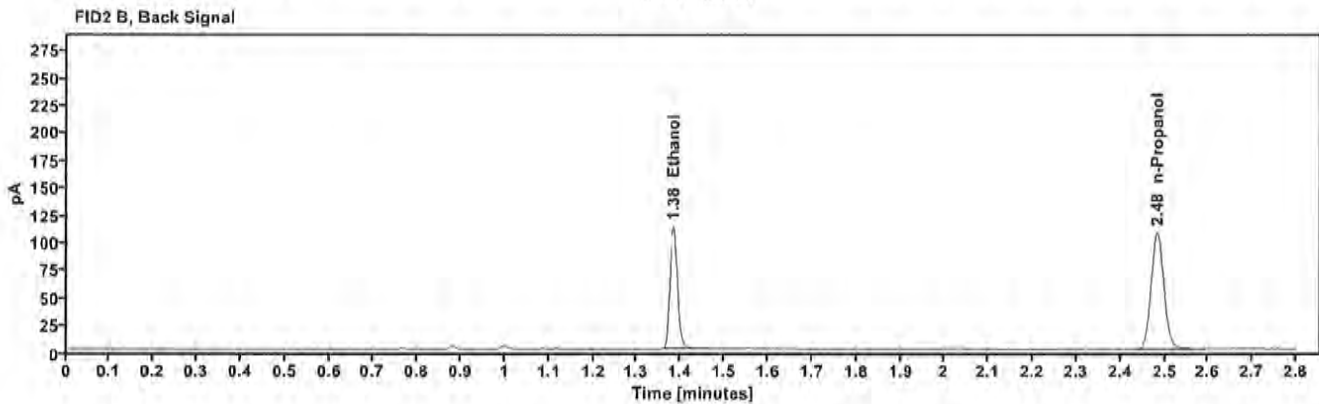
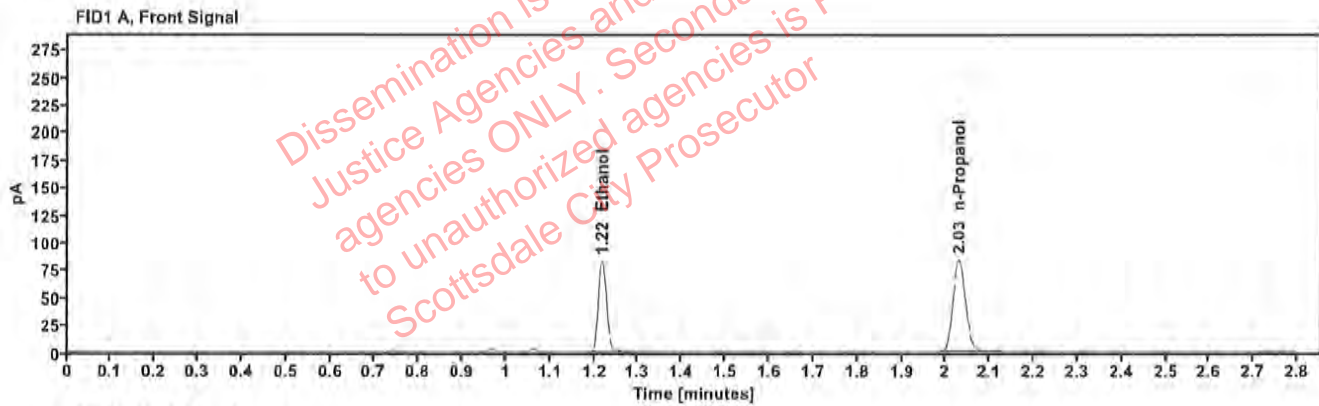


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1762	1.218	105.583
n-Propanol	---	2.030	167.169

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

Compound	Time (min)	Peak Area
Ethanol	1.382	135.642
n-Propanol	2.483	213.930



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38501CL	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 5:28:32 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\32.D	Analyst:	Canonico

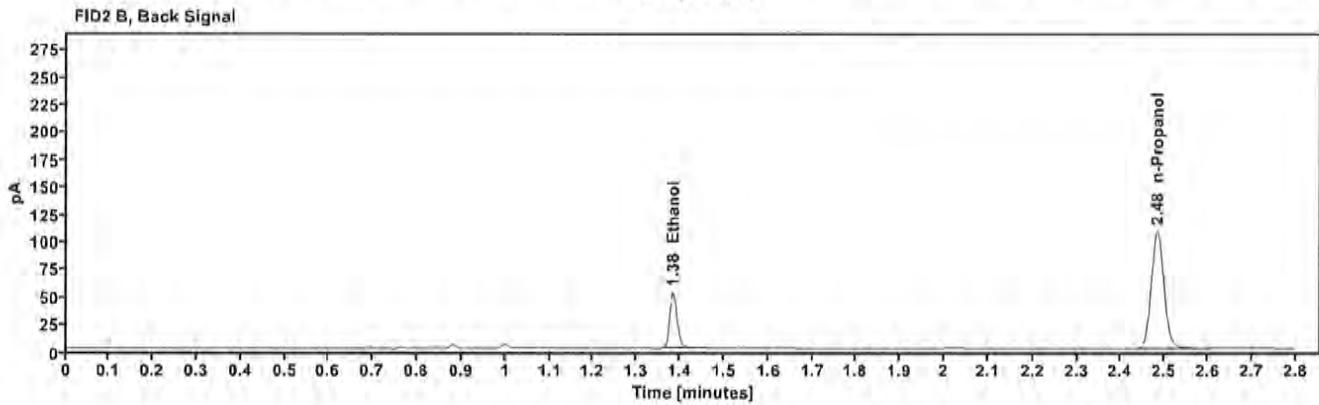
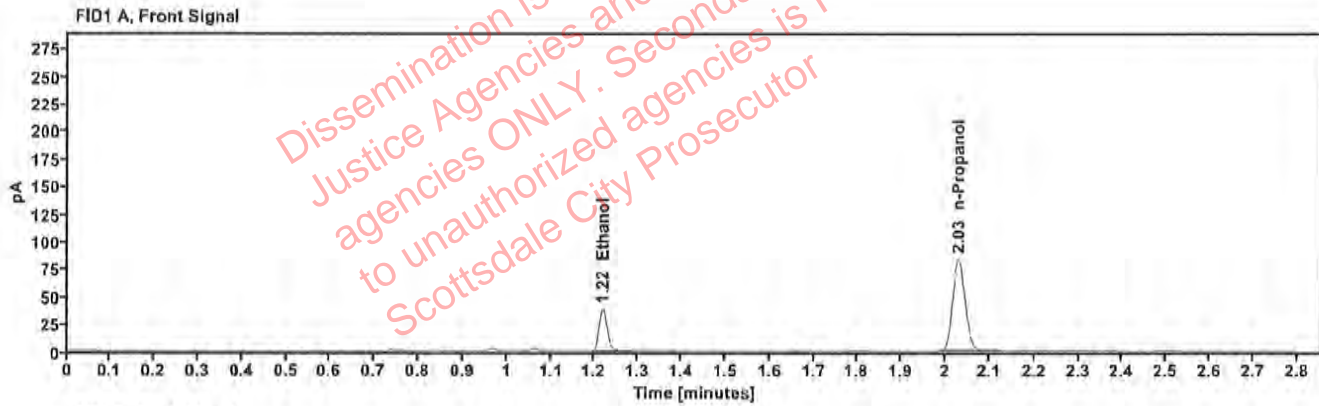


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0809	1.219	48.195
n-Propanol	---	2.030	167.311

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

Compound	Time (min)	Peak Area
Ethanol	1.383	61.682
n-Propanol	2.483	214.806

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 38501CL	<b>Vial:</b> 33
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 10Aug22 5
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 8/10/2022 5:32:32 PM
<b>Data file:</b> C:\Chem32\1\Data\10Aug22 5\33.D	<b>Analyst:</b> Canonico

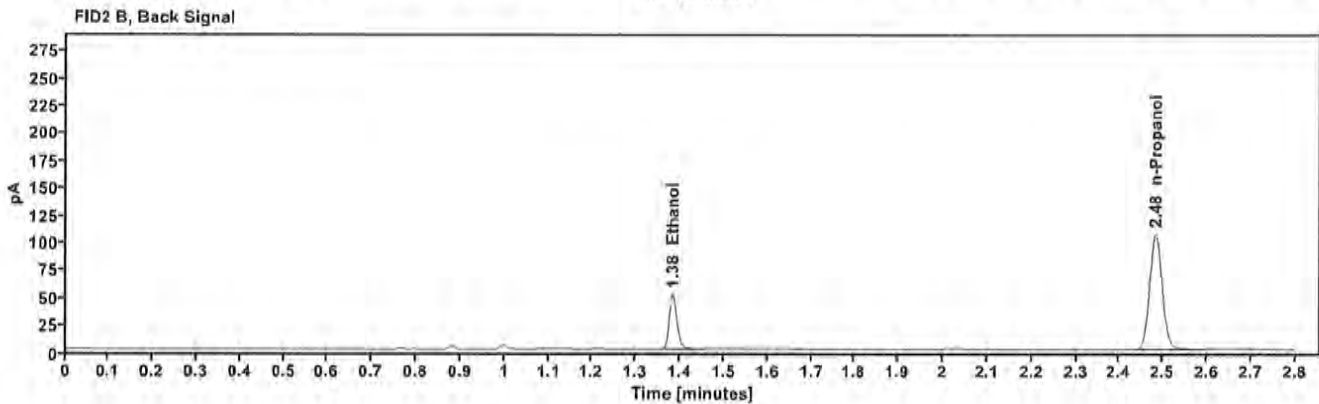
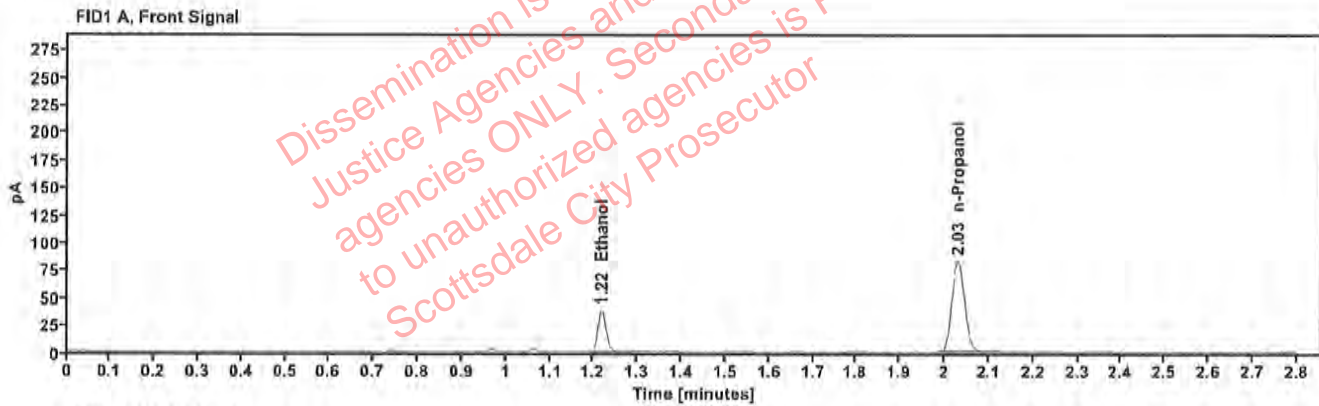


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0807	1.218	47.570
n-Propanol	---	2.029	165.590

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

Compound	Time (min)	Peak Area
Ethanol	1.383	60.950
n-Propanol	2.483	212.315

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 40401CR	Vial: 34
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 10Aug22 5
Instrument: US14173023 CN14160045	Injection date: 8/10/2022 5:36:32 PM
Data file: C:\Chem32\1\Data\10Aug22 5\34.D	Analyst: Canonico

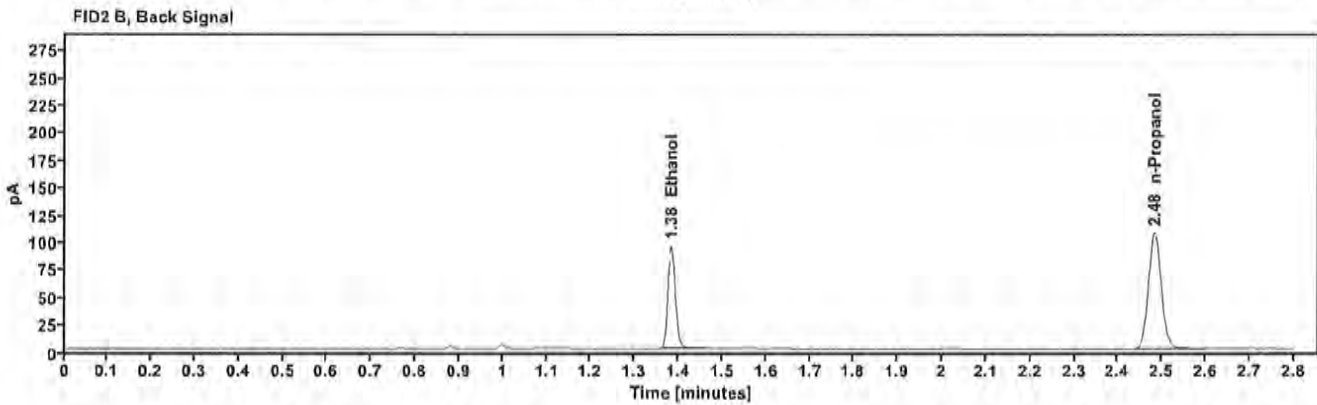
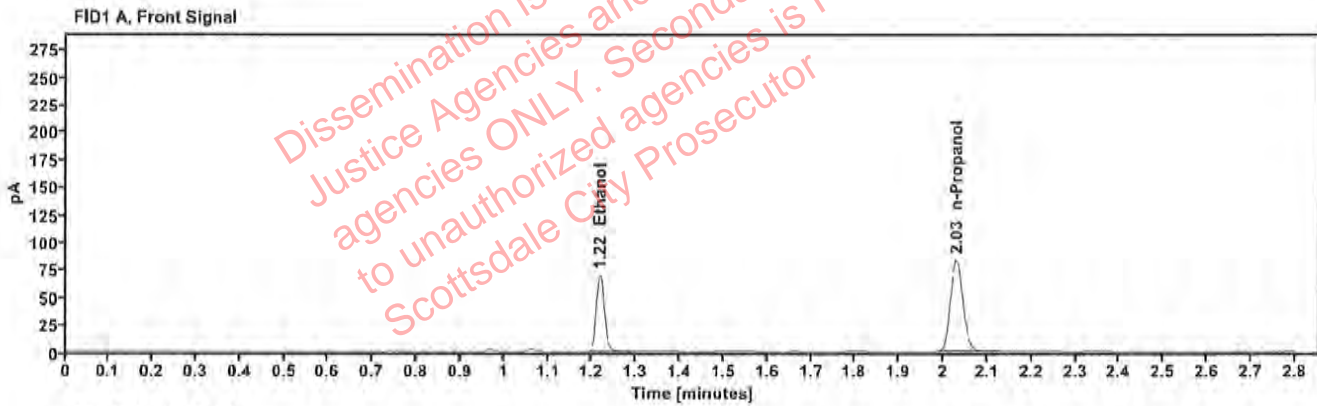


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1486	1.218	89.050
n-Propanol	-----	2.029	167.317

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

Compound	Time (min)	Peak Area
Ethanol	1.382	113.819
n-Propanol	2.483	213.813

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40401CR	Vial:	35
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 5:40:32 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\35.D	Analyst:	Canonico

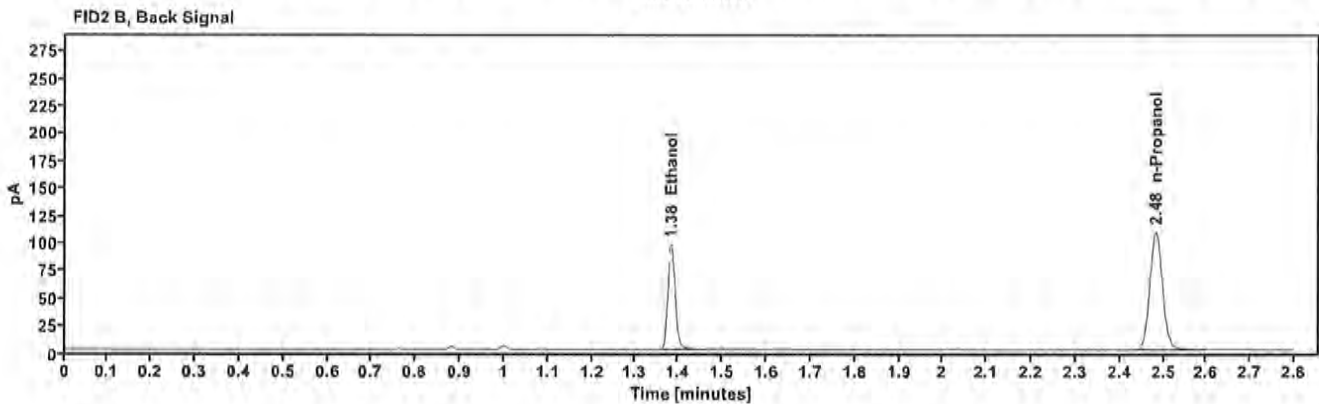
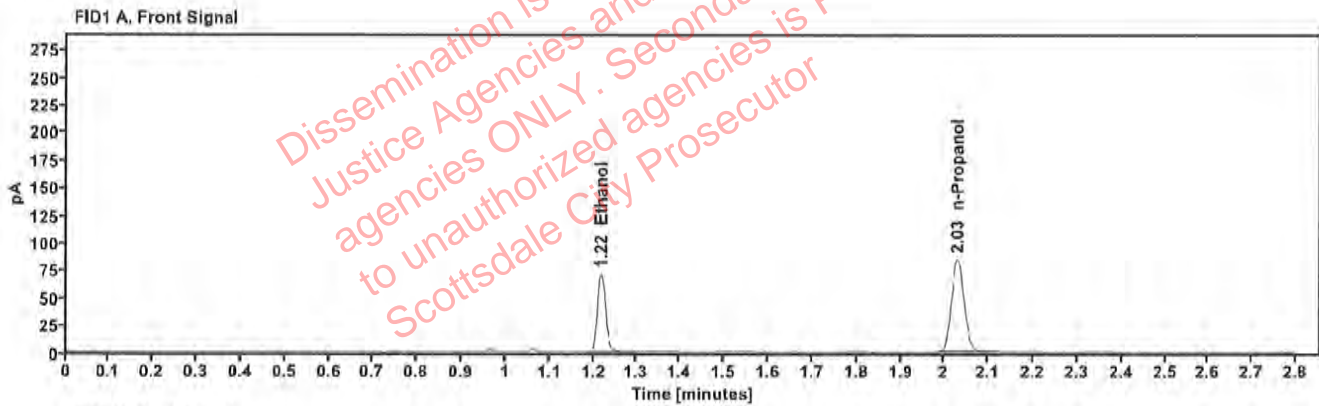


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1497	1.218	91.019
n-Propanol	-----	2.029	169.802

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

Compound	Time (min)	Peak Area
Ethanol	1.382	116.658
n-Propanol	2.483	217.197



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40901RH	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 5:44:32 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\36.D	Analyst:	Canonico

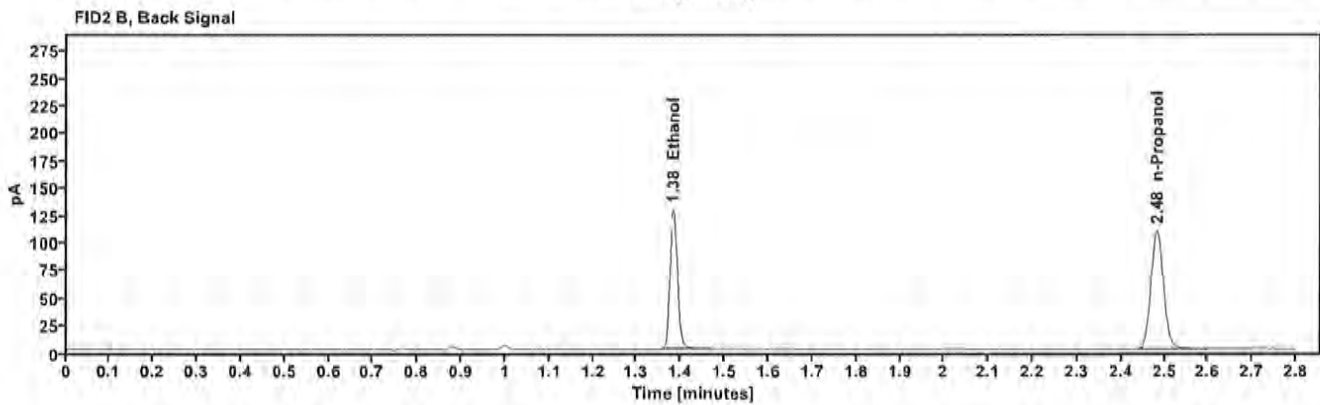
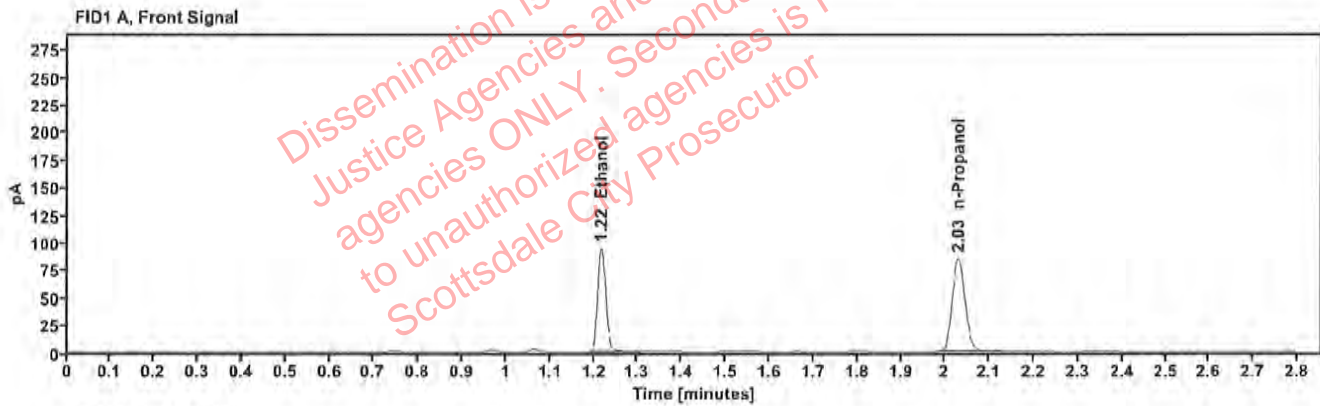


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1979	1.217	120.607
n-Propanol	-----	2.029	169.871

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

Compound	Time (min)	Peak Area
Ethanol	1.382	154.839
n-Propanol	2.483	217.720

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40901RH	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 5:48:47 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\37.D	Analyst:	Canonico

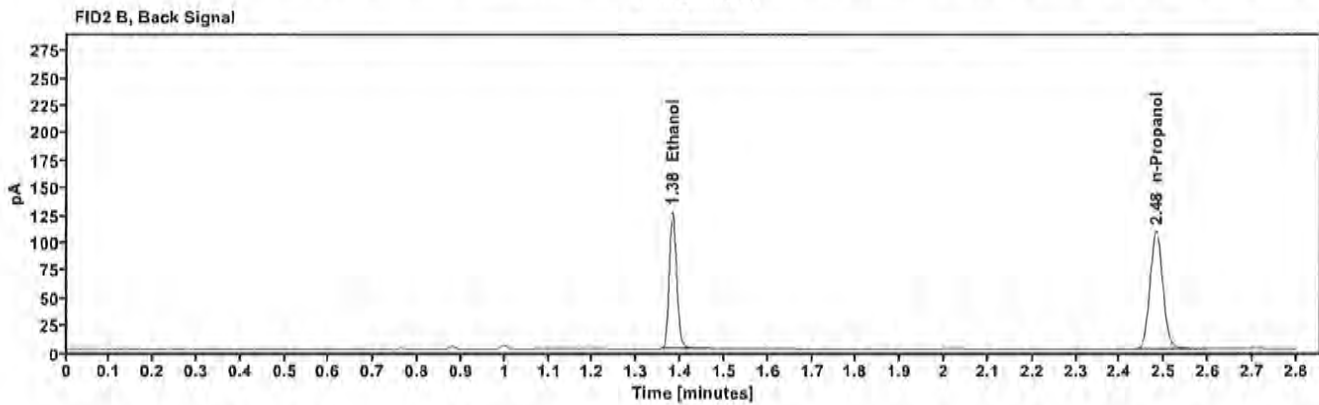
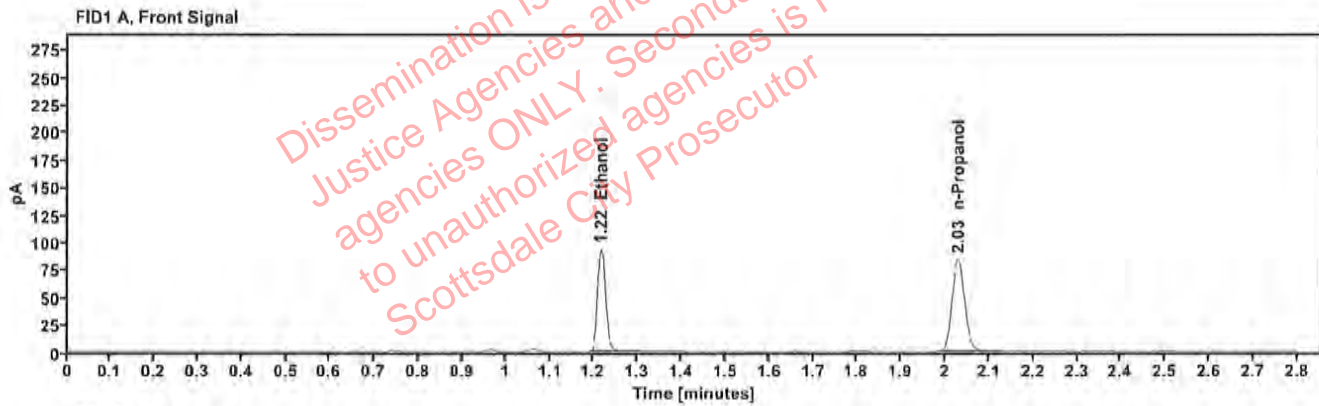


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1970	1.217	118.868
n-Propanol	---	2.028	168.193

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

Compound	Time (min)	Peak Area
Ethanol	1.381	152.408
n-Propanol	2.481	215.412

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38101JG	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Aug22 5
Instrument:	US14173023 CN14160045	Injection date:	8/10/2022 5:52:46 PM
Data file:	C:\Chem32\1\Data\10Aug22 5\38.D	Analyst:	Canonico

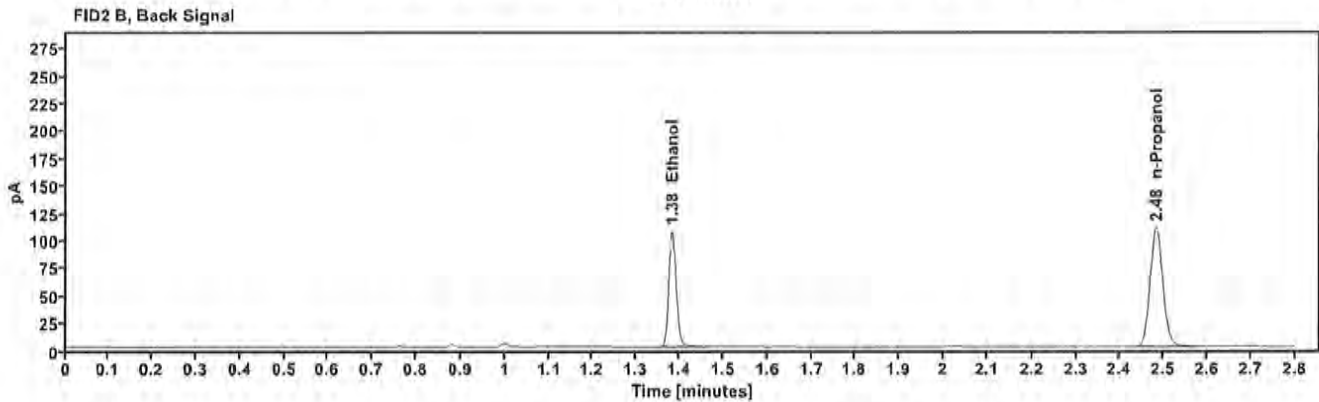
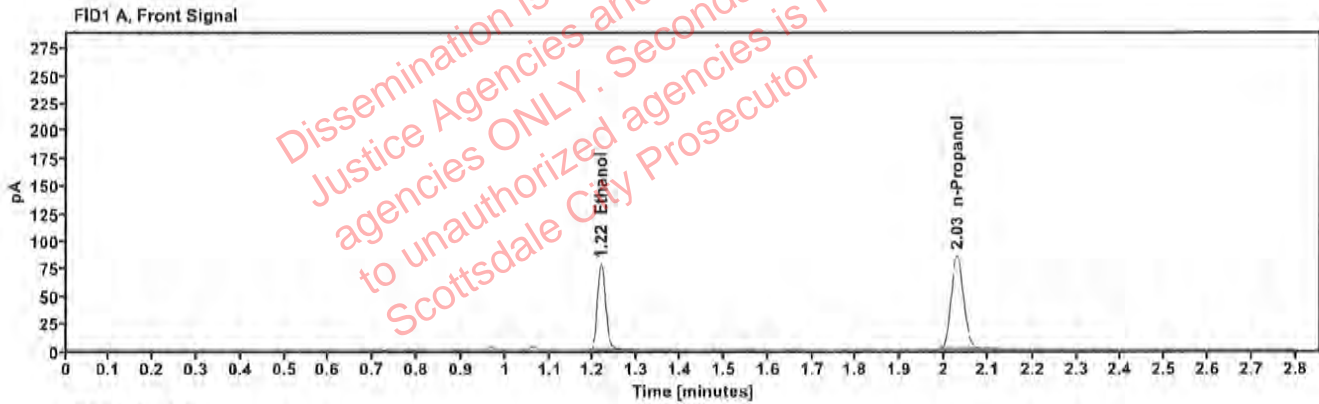


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1632	1.218	99.773
n-Propanol	—	2.029	170.664

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

Compound	Time (min)	Peak Area
Ethanol	1.382	127.728
n-Propanol	2.483	218.299

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 38101JG	Vial: 39
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 10Aug22 5
Instrument: US14173023 CN14160045	Injection date: 8/10/2022 5:56:46 PM
Data file: C:\Chem32\1\Data\10Aug22 5\39.D	Analyst: Canonico

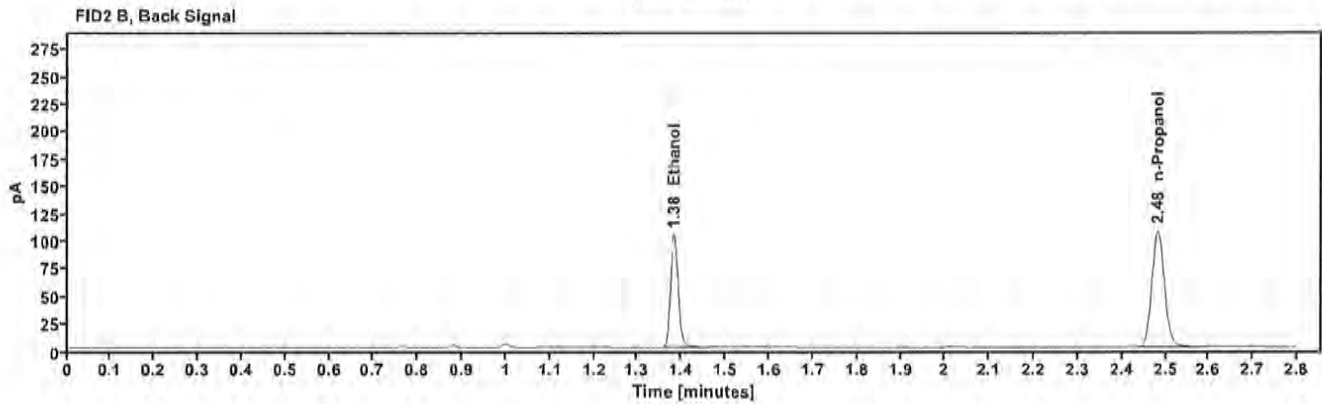
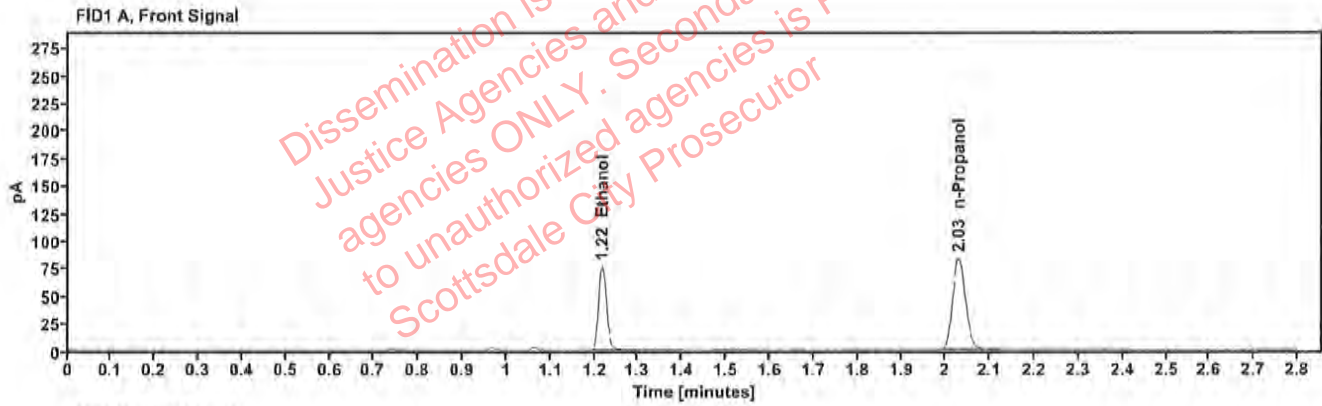


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1621	1.218	96.985
n-Propanol	—	2.029	166.945

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

Compound	Time (min)	Peak Area
Ethanol	1.382	124.203
n-Propanol	2.482	213.537



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 35301JF	Vial: 40
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 10Aug22 5
Instrument: US14173023 CN14160045	Injection date: 8/10/2022 6:00:47 PM
Data file: C:\Chem32\1\Data\10Aug22 5\40.D	Analyst: Canonico

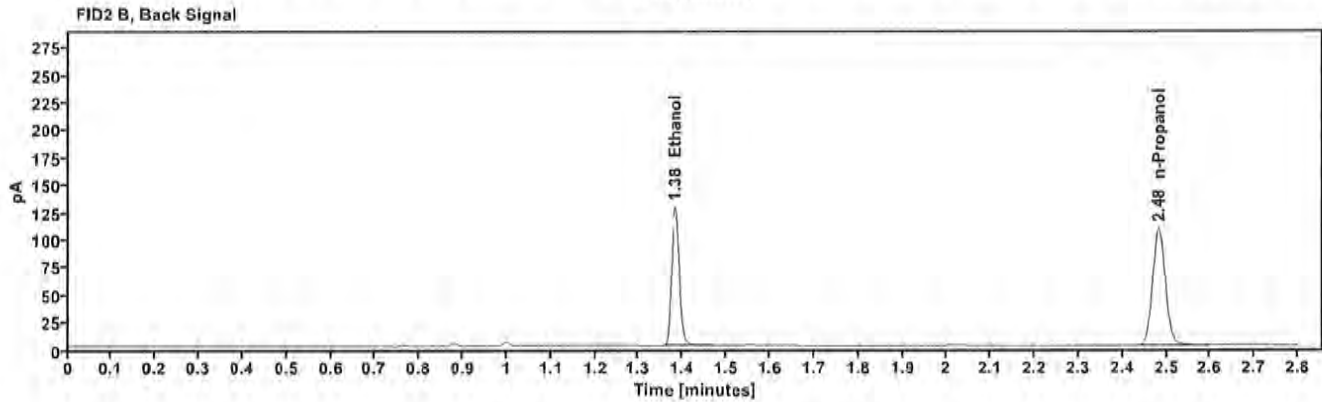
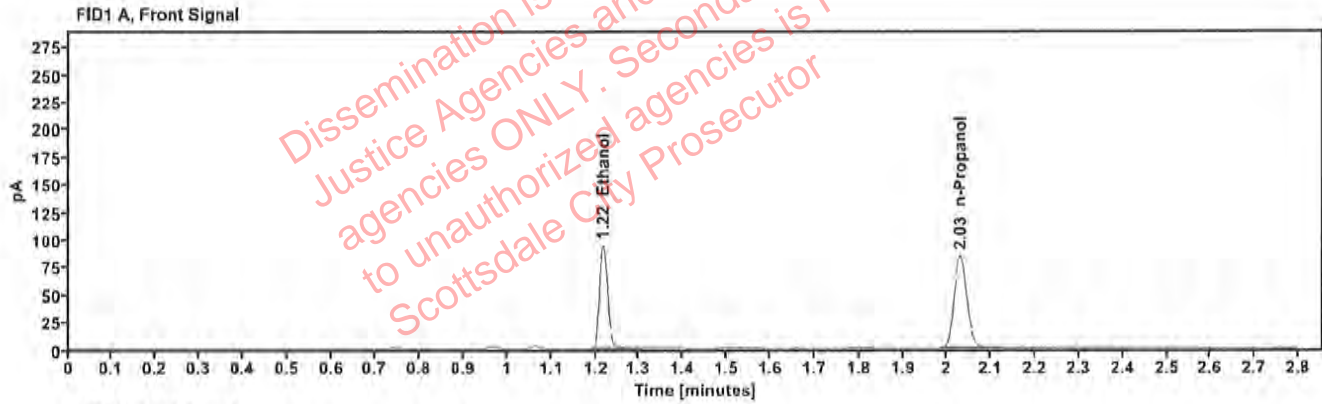


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1992	1.217	120.051
n-Propanol	—	2.029	167.958

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

Compound	Time (min)	Peak Area
Ethanol	1.382	153.899
n-Propanol	2.482	215.144

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 35301JF	Vial: 41
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 10Aug22 5
Instrument: US14173023 CN14160045	Injection date: 8/10/2022 6:04:47 PM
Data file: C:\Chem32\1\Data\10Aug22 5\41.D	Analyst: Canonico

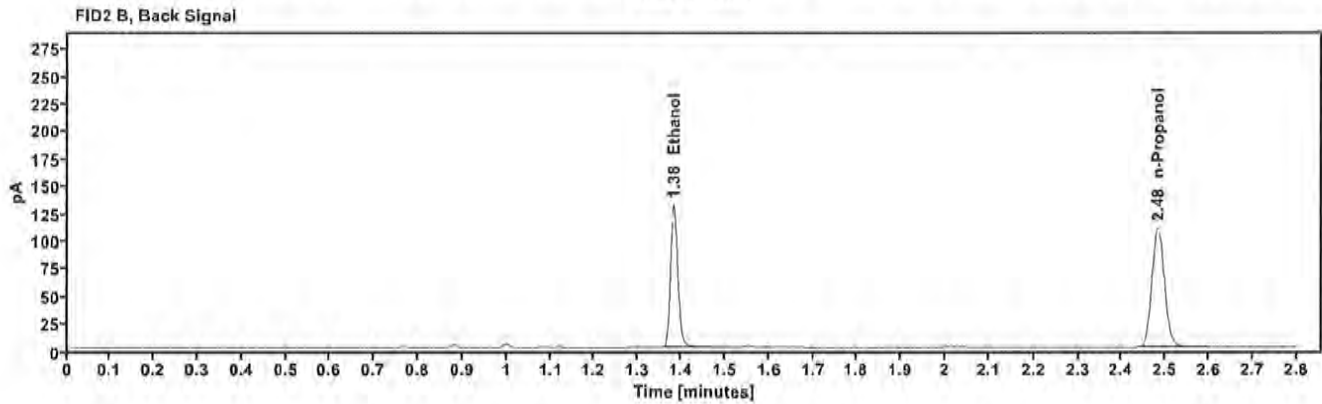
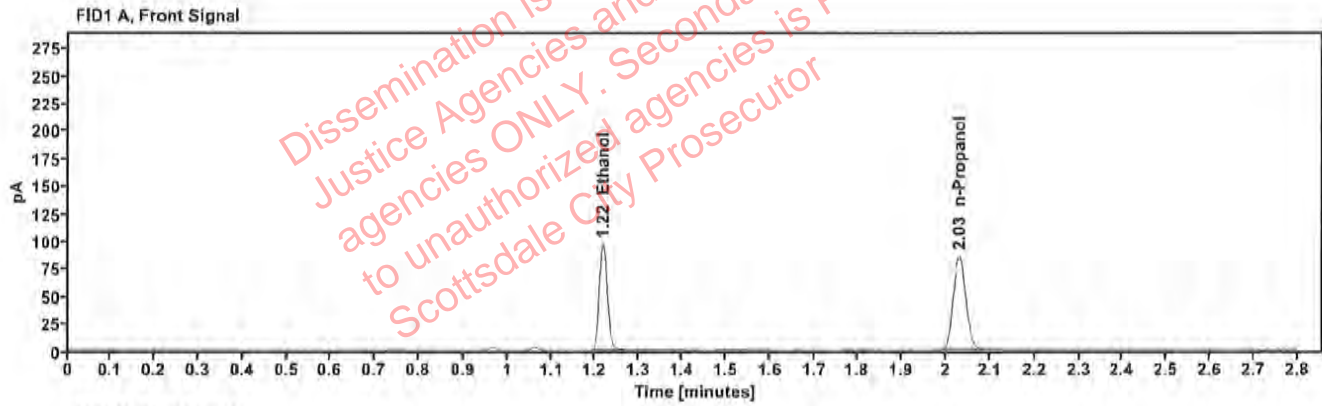


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1999	1.217	123.021
n-Propanol	---	2.029	171.574

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

Compound	Time (min)	Peak Area
Ethanol	1.382	157.952
n-Propanol	2.482	219.480