

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 11/29/22 SEQUENCE NAME 29Nov22

**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 0.99999  
 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 mix	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.418 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	0.207 g/dL	ACQ 4110320133/8
20	Aqueous control	0.080 g/dL	0.083 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
40	Aqueous control	0.400 g/dL	0.417 g/dL	Lipomed 11092018-A
41	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
42	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/8
43	Blank	Not detected	Not detected	SPD Lab 101921WB

**SUBJECT SAMPLES**

Subjects in the sequence 14 Subjects requiring reanalysis 0

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

Run valid  Run invalid  Phoebe Bond Analyst  
 Run valid  Run invalid  Erika Canonico Technical Reviewer

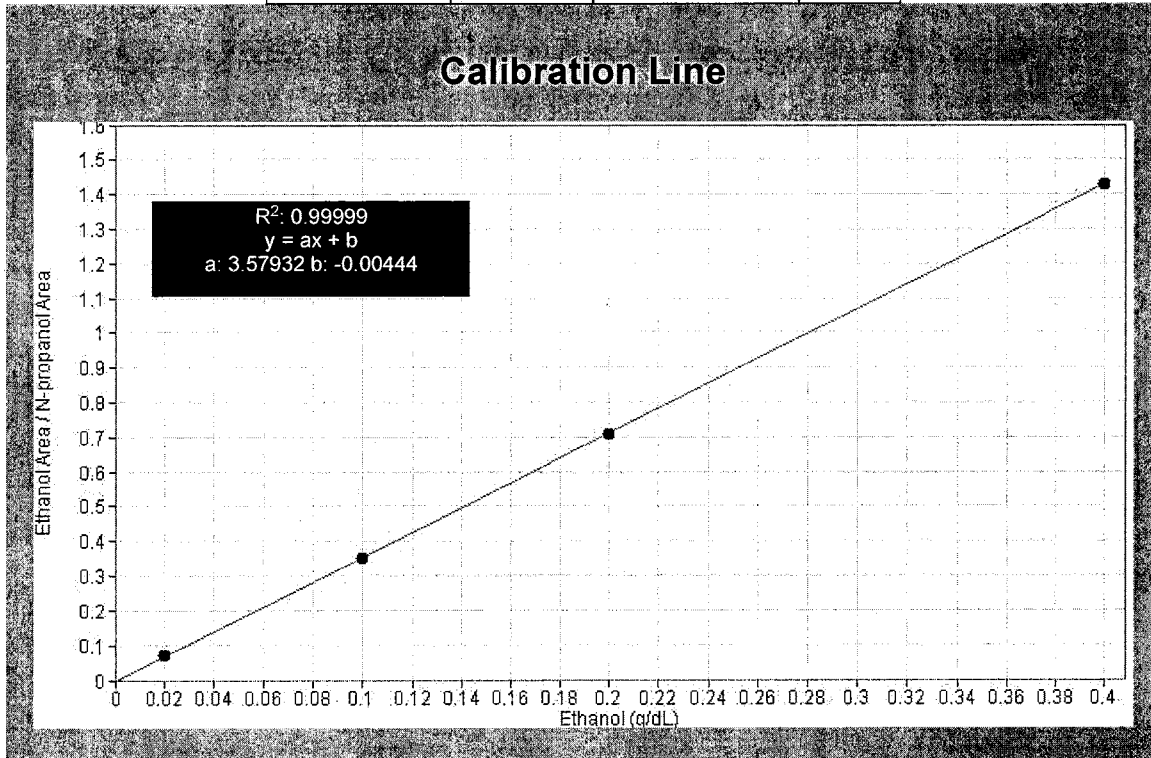
# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary PB

SEQUENCE NAME: 29Nov22

ANALYST: Brooke

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 100722AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.418	0.400	4.50	0.018
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.199 4110320133/8	9	0.207	0.199	4.02	0.008
0.080 20012020-B	20	0.083	0.080	3.75	0.003
0.080 20012020-B	31	0.080	0.080	0.00	0.000
0.400 11092018-A	40	0.417	0.400	4.25	0.017
0.040 14082019-B	41	0.040	0.040	0.00	0.000
0.199 4110320133/8	42	0.202	0.199	1.51	0.003
blank 101921WB	43	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.516	166.296	0.069
0.100	58.186	165.247	0.352
0.200	118.437	166.931	0.710
0.400	238.836	167.194	1.429



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN10051909	<b>Vial:</b> 1
<b>Description:</b> 0.020 calibrator	<b>Sequence:</b> 29Nov22
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/29/2022 12:13:50 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>
<b>Data file:</b> C:\Chem32\1\Data\29Nov22\1.D	

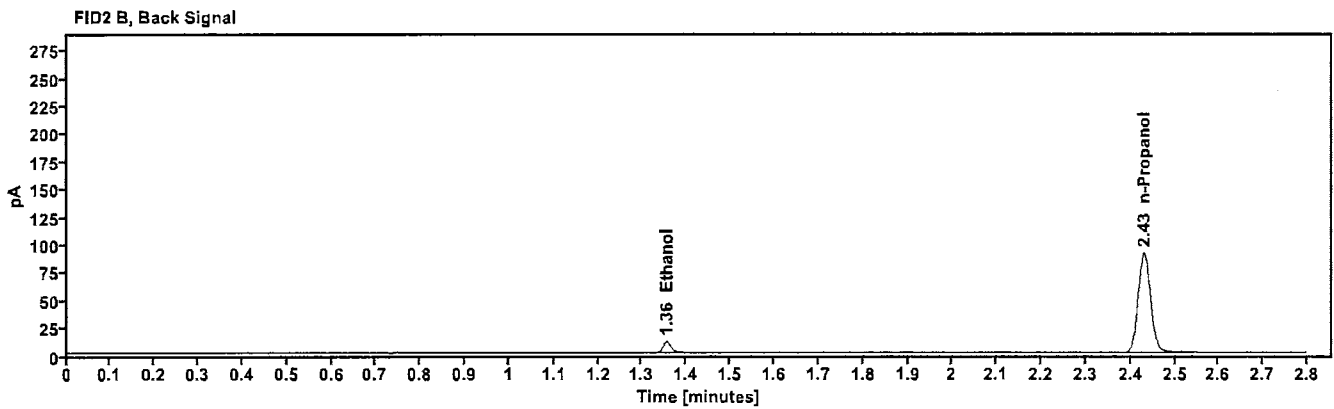
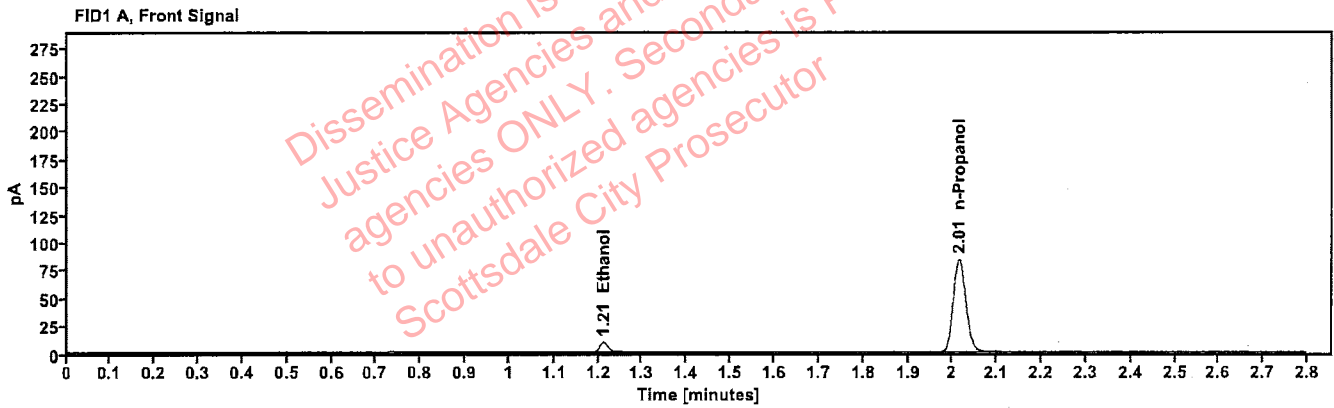


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.516
n-Propanol	2.015	166.296

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

Compound	Time (min)	Peak Area
Ethanol	1.355	12.385
n-Propanol	2.431	179.486

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN05311902	<b>Vial:</b>	2
<b>Description:</b>	0.100 calibrator	<b>Sequence:</b>	29Nov22
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	11/29/2022 12:17:51 PM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Brooke <span style="float: right;">PB</span>
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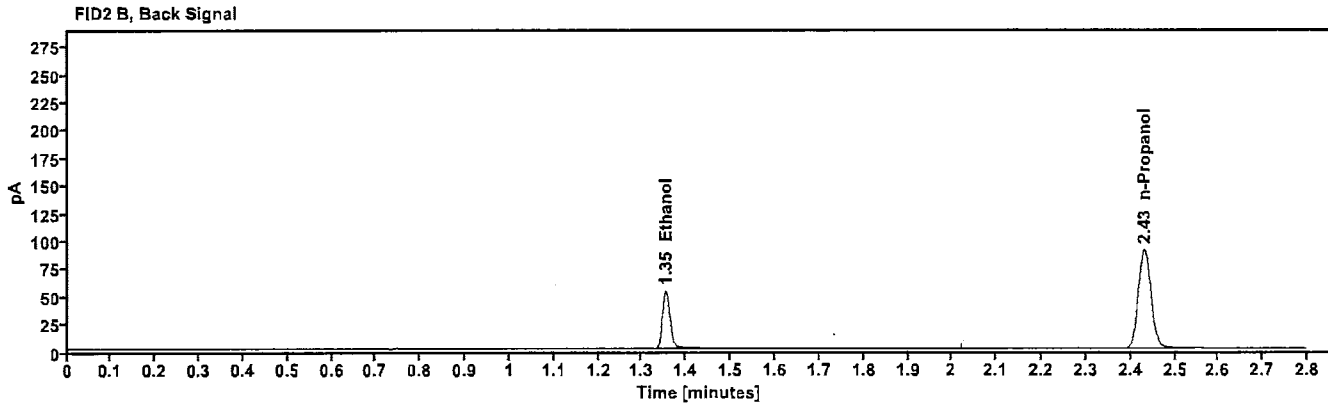
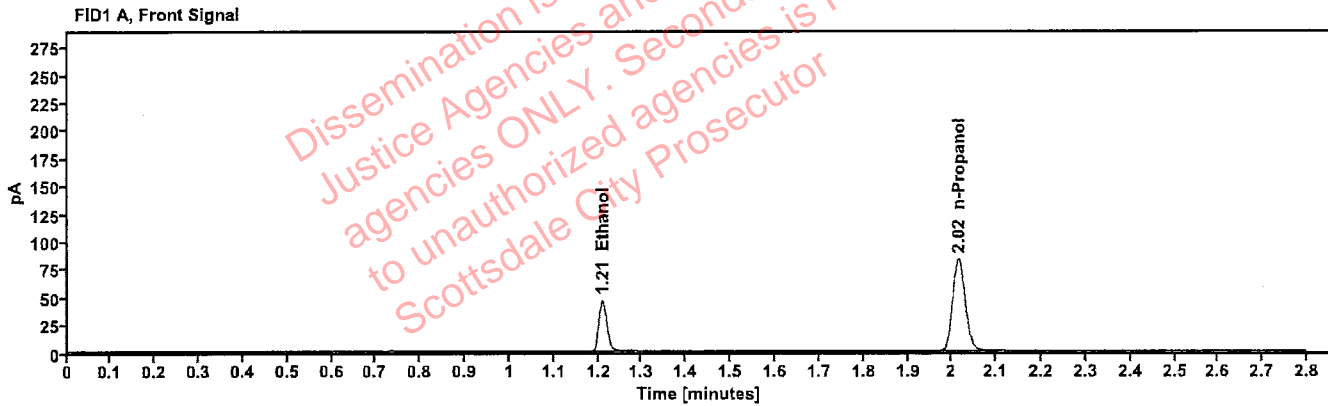


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	58.186
n-Propanol	2.015	165.247

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

Compound	Time (min)	Peak Area
Ethanol	1.354	63.217
n-Propanol	2.431	178.553

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN02052101	<b>Vial:</b> 3
<b>Description:</b> 0.200 calibrator	<b>Sequence:</b> 29Nov22
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/29/2022 12:21:50 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Brooke <i>FB</i>
<b>Data file:</b> C:\Chem32\1\Data\29Nov22\3.D	

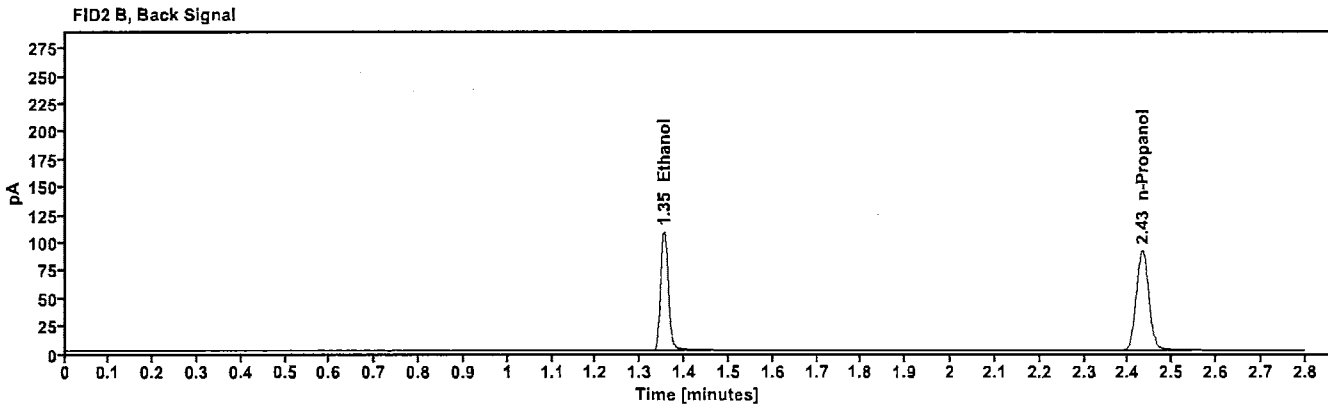
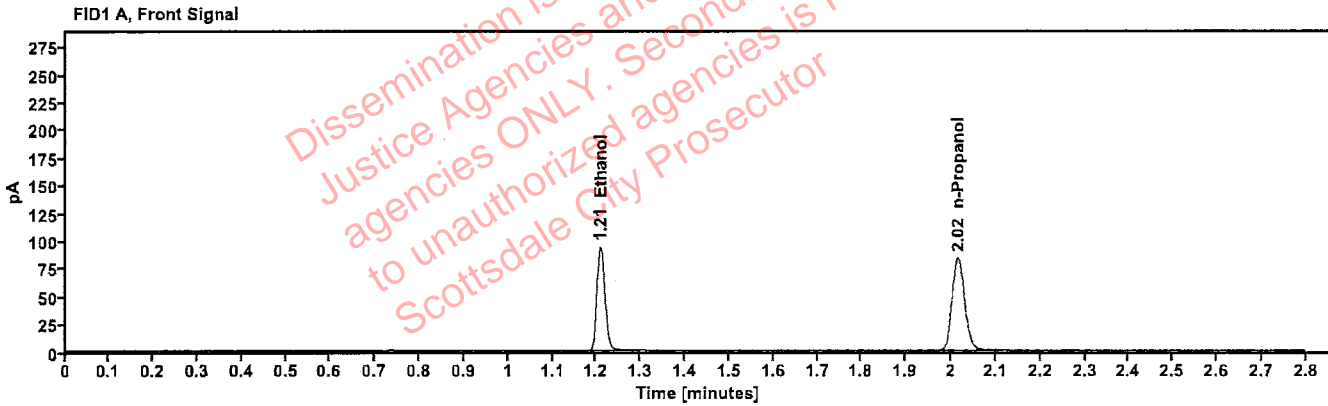


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	118.437
n-Propanol	2.015	166.931

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

Compound	Time (min)	Peak Area
Ethanol	1.353	129.305
n-Propanol	2.432	180.334

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN03052102	<b>Vial:</b>	4
<b>Description:</b>	0.400 calibrator	<b>Sequence:</b>	29Nov22
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	11/29/2022 12:25:51 PM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Brooke <i>PB</i>
<b>Data file:</b>	C:\Chem32\1\Data\29Nov22\4.D		

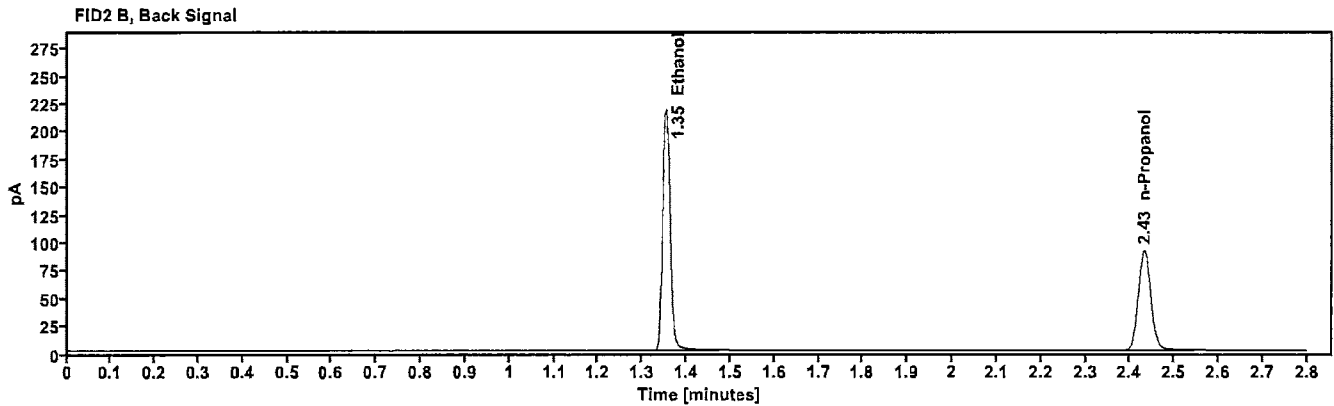
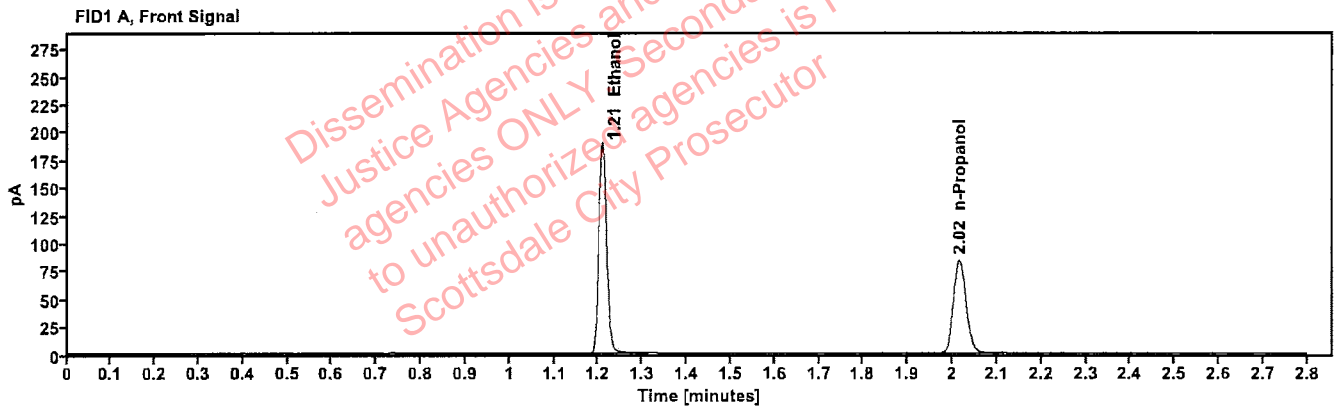


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	238.836
n-Propanol	2.015	167.194

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

Compound	Time (min)	Peak Area
Ethanol	1.353	261.418
n-Propanol	2.432	180.620

# 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>	29Nov22
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	11/29/2022 12:29:50 PM
<b>Data file:</b>	C:\Chem32\1\Data\29Nov22\5.D	<b>Analyst:</b>	Brooke <i>BB</i>

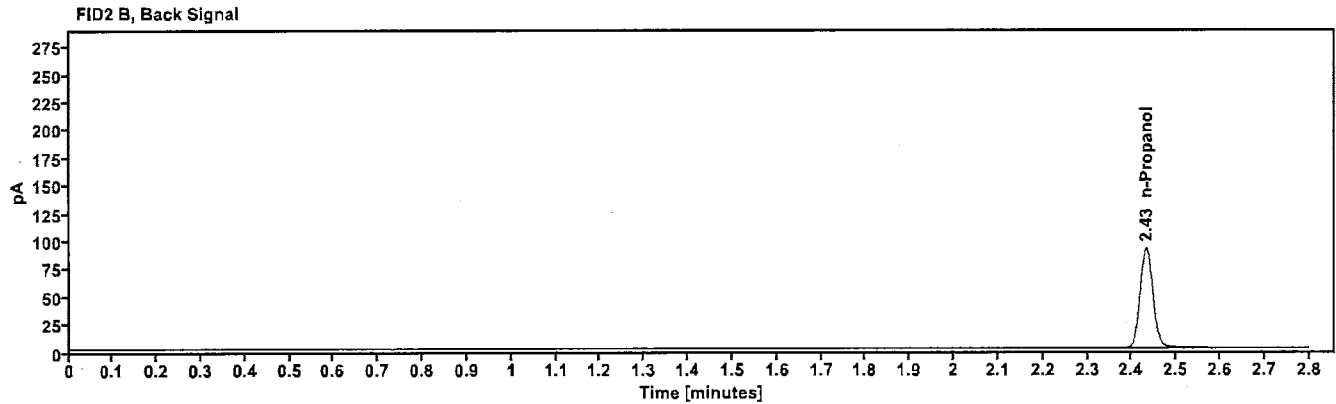
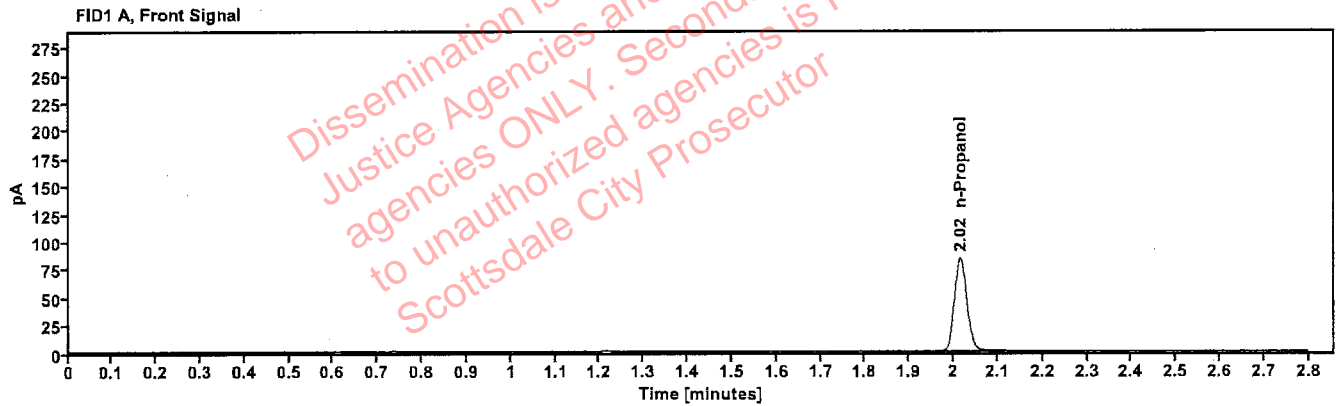


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.015	167.747

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

Compound	Time (min)	Peak Area
n-Propanol	2.432	181.119

# 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>	29Nov22
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	11/29/2022 12:33:50 PM
<b>Data file:</b>	C:\Chem32\1\Data\29Nov22\6.D	<b>Analyst:</b>	Brooke <span style="float: right;">PB</span>

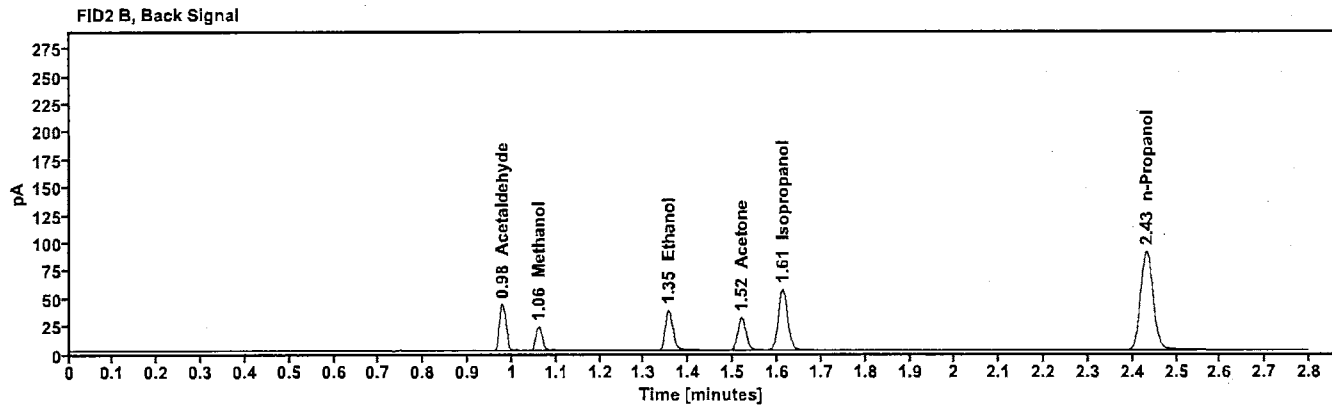
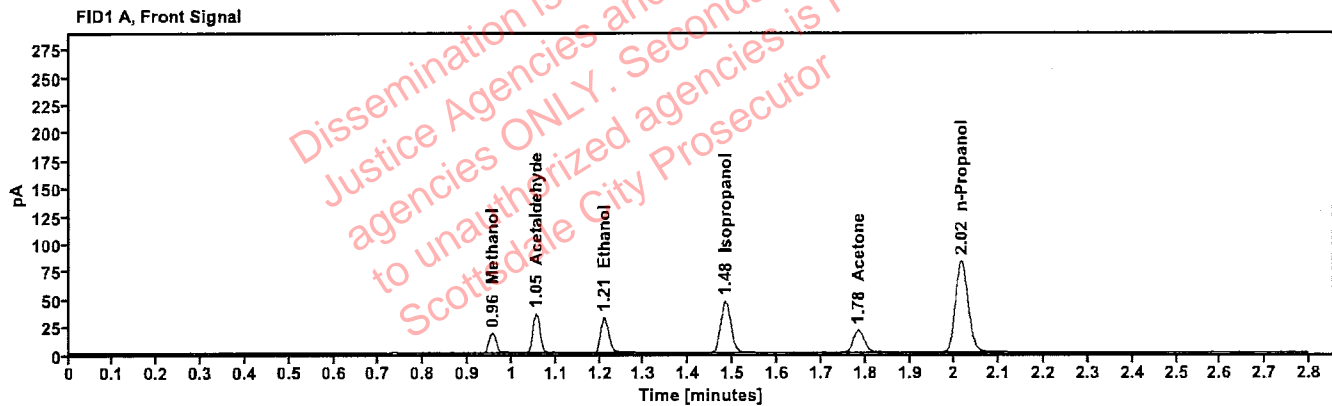


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	20.317
Acetaldehyde	-----	1.055	39.068
>Ethanol	0.0700	1.210	40.586
Isopropanol	-----	1.483	74.192
Acetone	-----	1.784	35.004
n-Propanol	-----	2.015	164.961

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.978	43.528
Methanol	1.060	22.367
Ethanol	1.354	44.102
Acetone	1.519	38.597
Isopropanol	1.612	82.132
n-Propanol	2.432	178.314



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 11092018-A	<b>Vial:</b> 7
<b>Description:</b> 0.400	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 29Nov22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/29/2022 12:38:05 PM
<b>Data file:</b> C:\Chem32\1\Data\29Nov22\7.D	<b>Analyst:</b> Brooke

PB

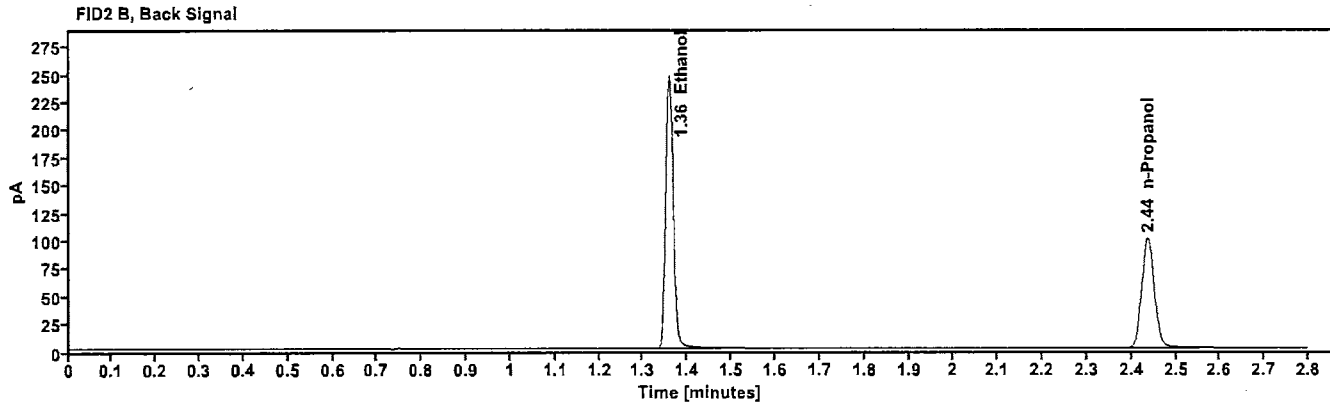
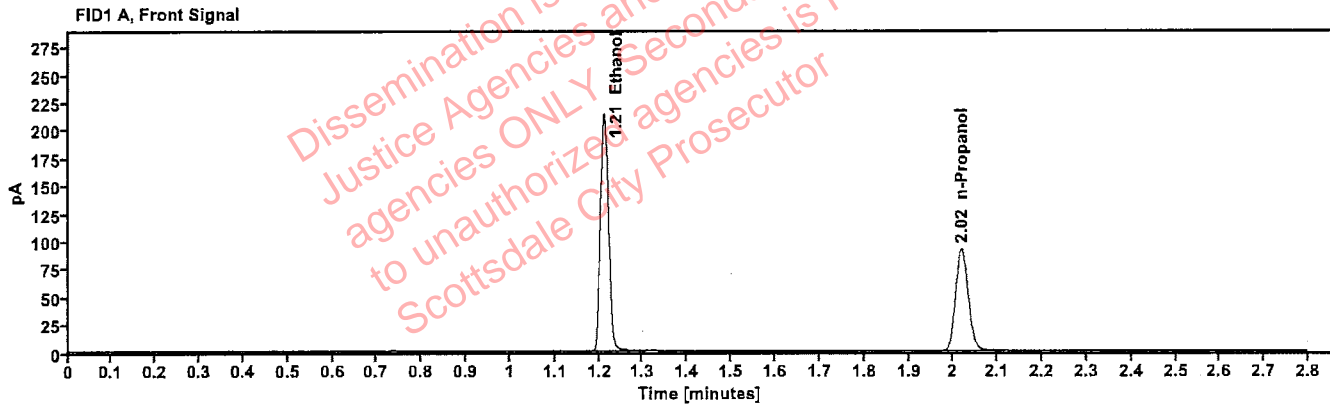


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4184	1.211	273.257
n-Propanol	-----	2.018	183.015

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

Compound	Time (min)	Peak Area
Ethanol	1.358	299.311
n-Propanol	2.436	197.701

# 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> 29Nov22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/29/2022 12:42:05 PM
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PB

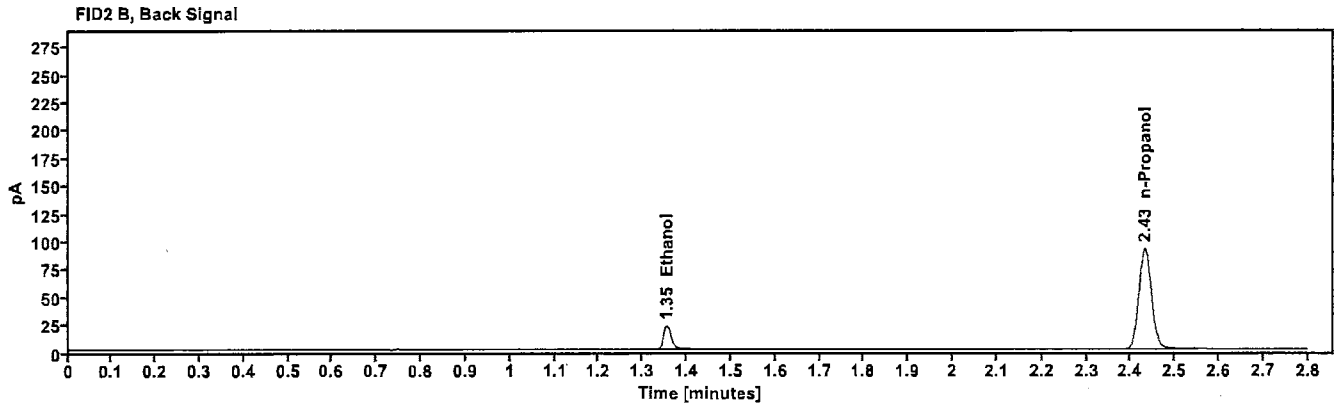
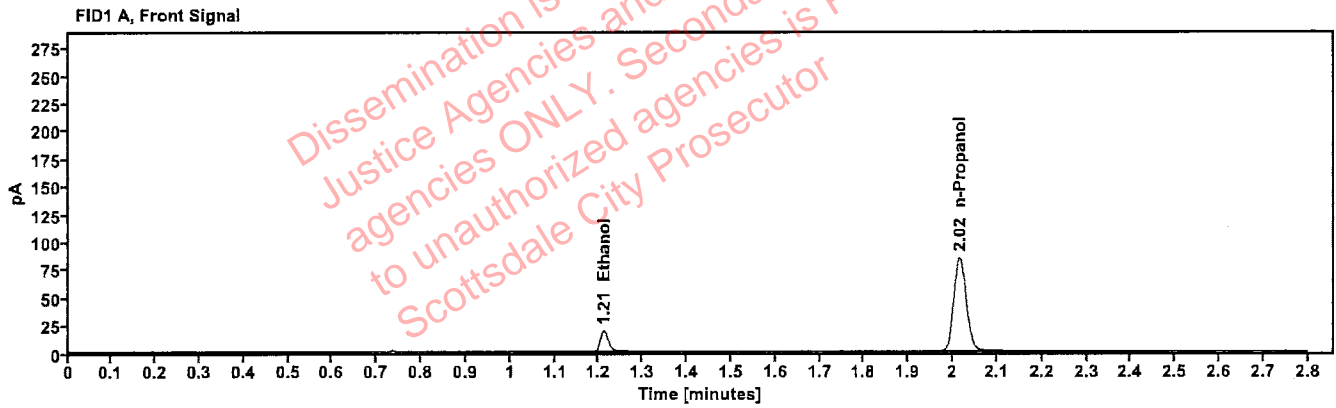


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0408	1.211	23.898
n-Propanol	-----	2.015	168.791

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

Compound	Time (min)	Peak Area
Ethanol	1.355	25.905
n-Propanol	2.432	182.393

# 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> 29Nov22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/29/2022 12:46:05 PM
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PB

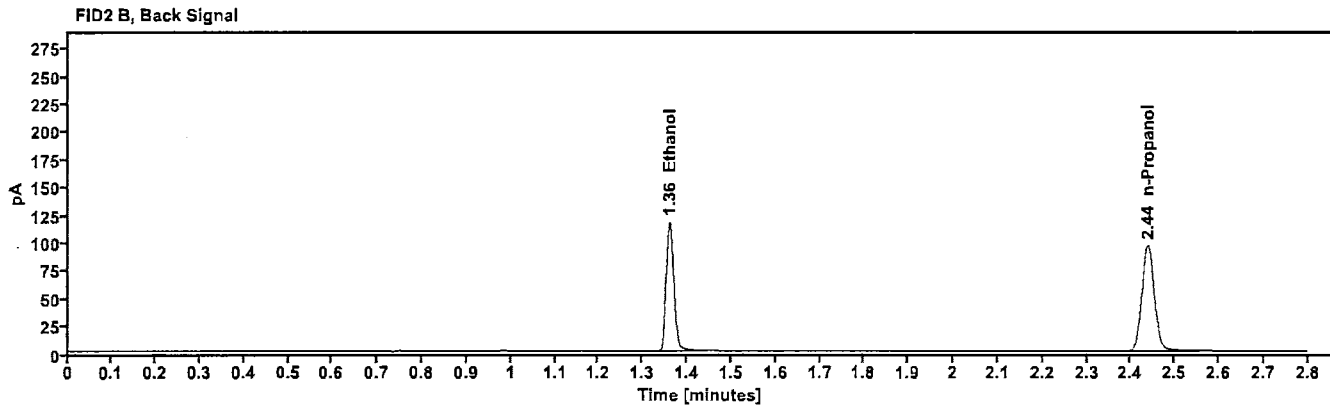
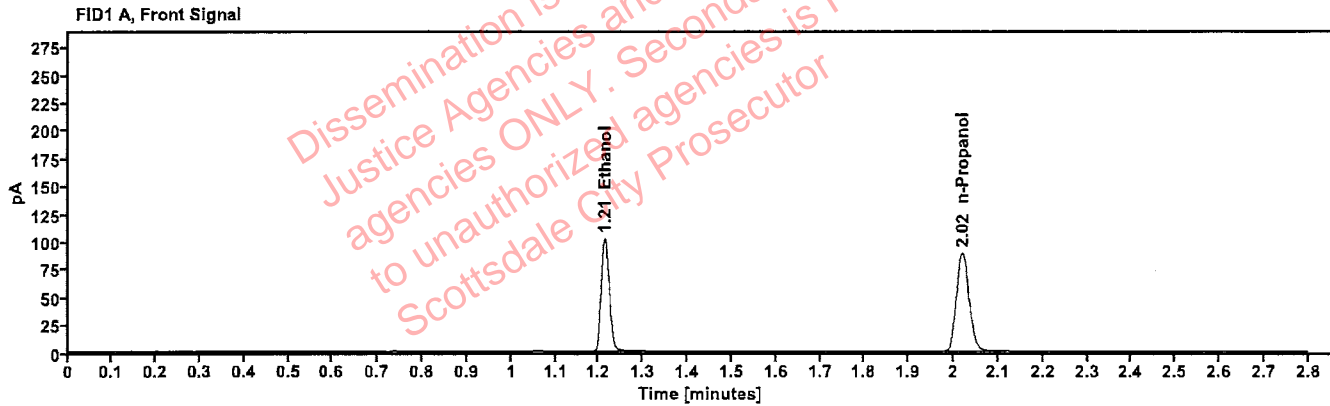


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2077	1.213	130.645
n-Propanol	---	2.020	176.798

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

Compound	Time (min)	Peak Area
Ethanol	1.361	142.384
n-Propanol	2.438	190.939

# 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>	29Nov22
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	11/29/2022 1:30:35 PM
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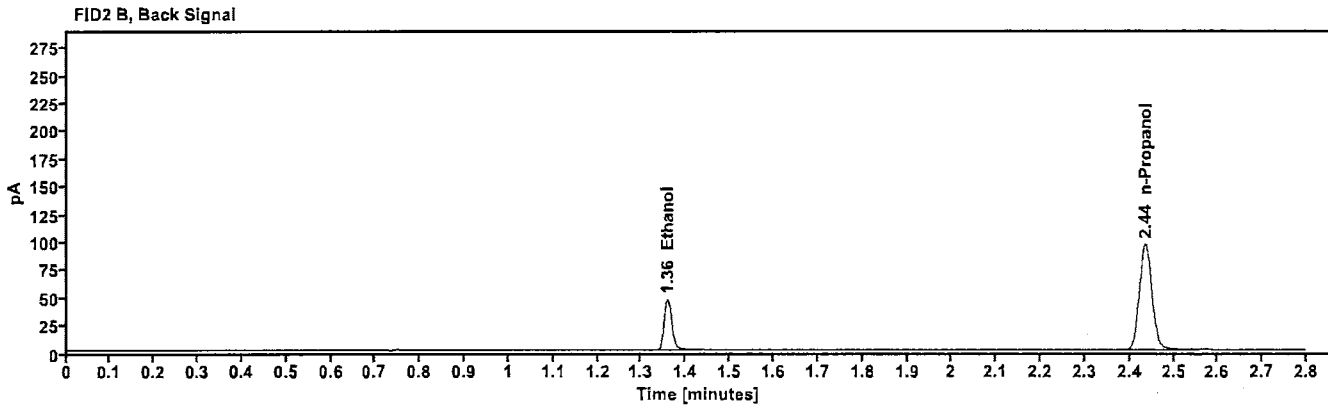
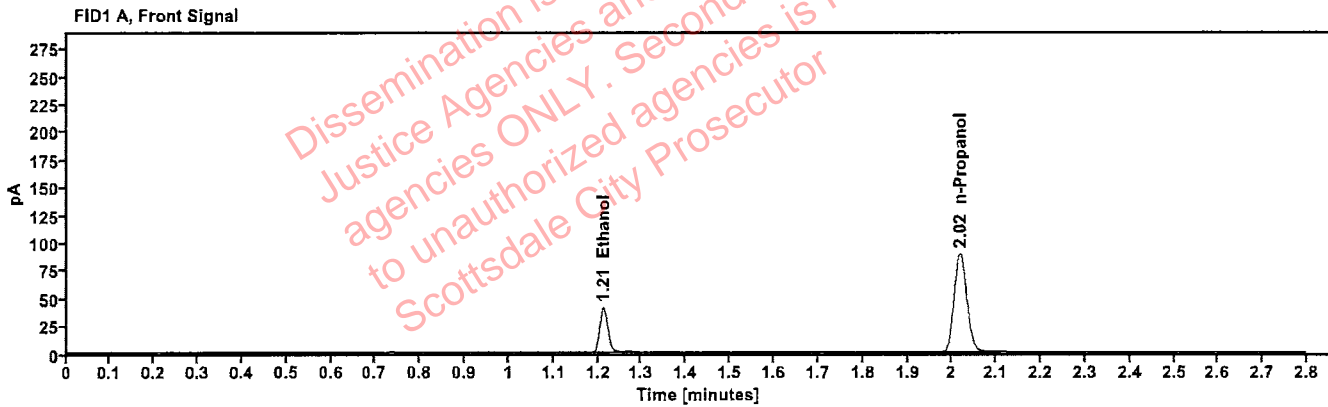


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0831	1.212	51.908
n-Propanol	—	2.018	177.128

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

Compound	Time (min)	Peak Area
Ethanol	1.358	56.280
n-Propanol	2.436	191.276

# 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>	29Nov22
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	11/29/2022 2:15:06 PM
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PB

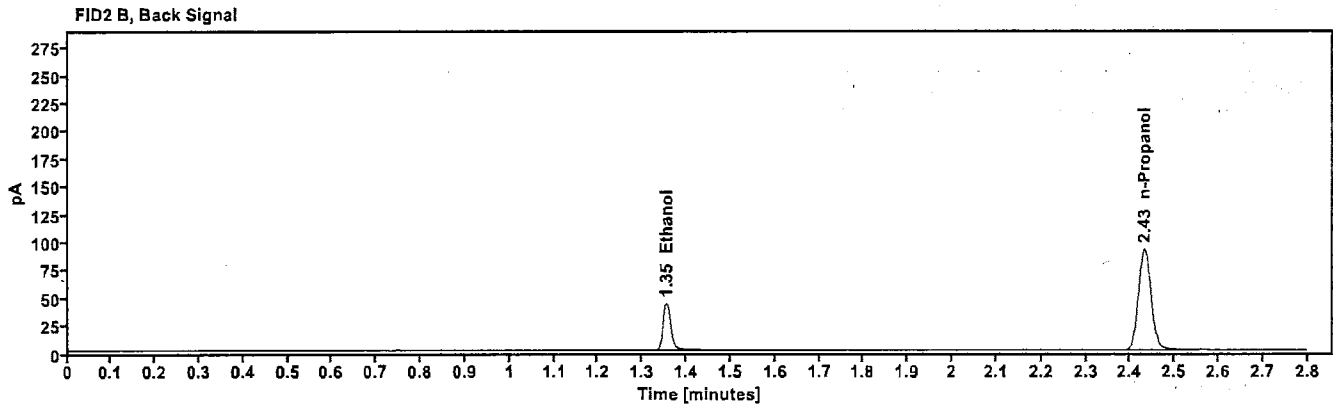
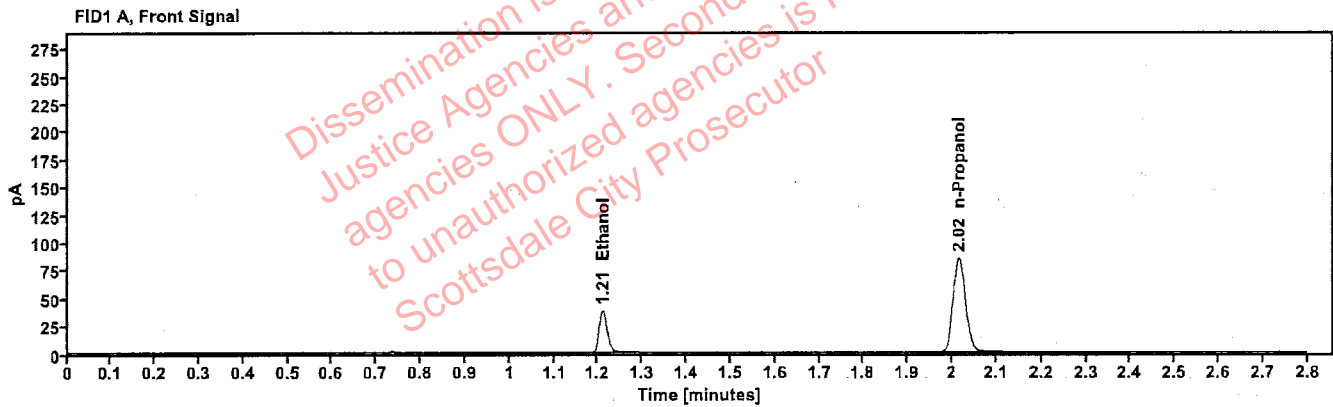


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0807	1.210	48.319
n-Propanol	----	2.015	169.831

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

Compound	Time (min)	Peak Area
Ethanol	1.354	52.241
n-Propanol	2.432	183.499

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	11092018-A	<b>Vial:</b>	40
<b>Description:</b>	0.400	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	29Nov22
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	11/29/2022 2:51:21 PM
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*BB*

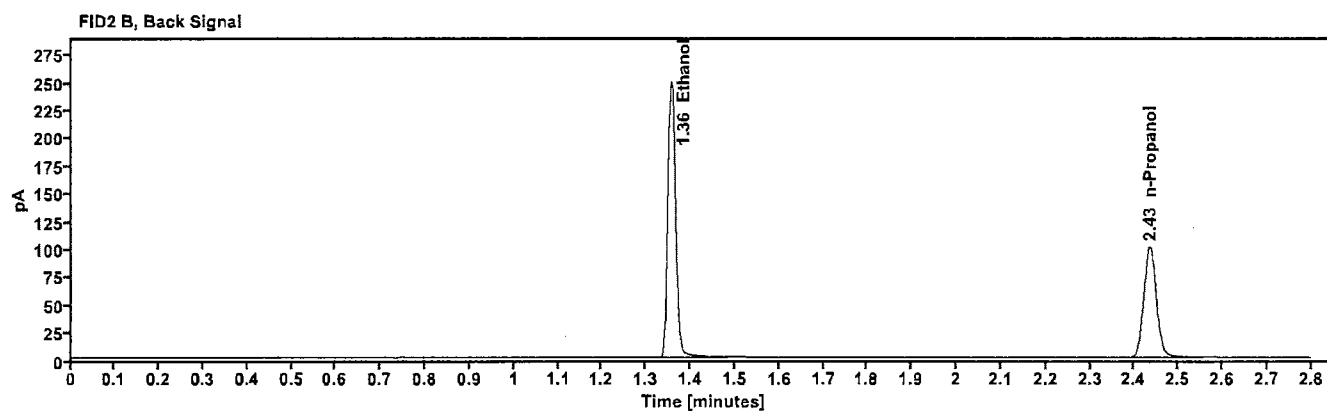
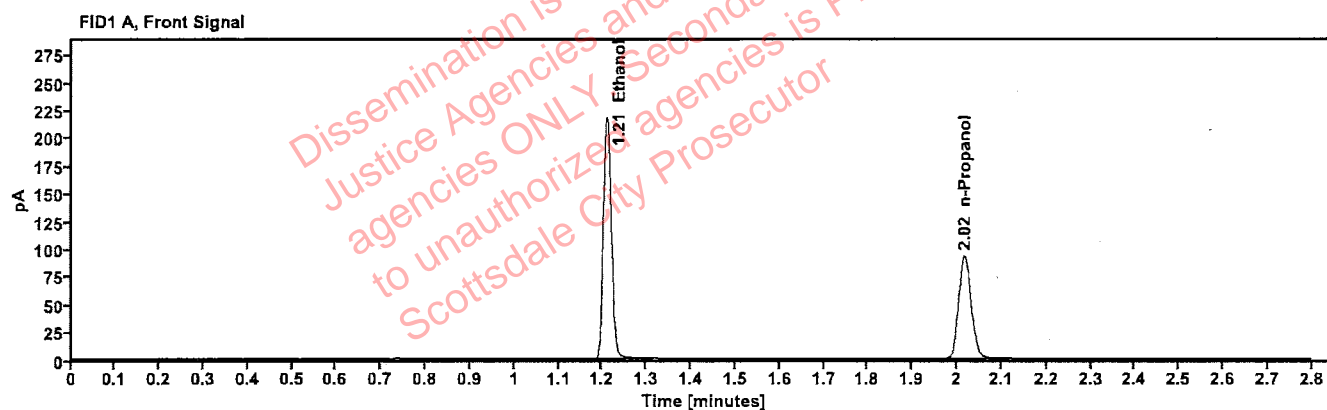


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4176	1.210	275.801
n-Propanol	---	2.017	185.067

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

Compound	Time (min)	Peak Area
Ethanol	1.357	302.239
n-Propanol	2.435	199.914

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	14082019-B	<b>Vial:</b>	41
<b>Description:</b>	0.040	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	29Nov22
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	11/29/2022 2:55:20 PM
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PB

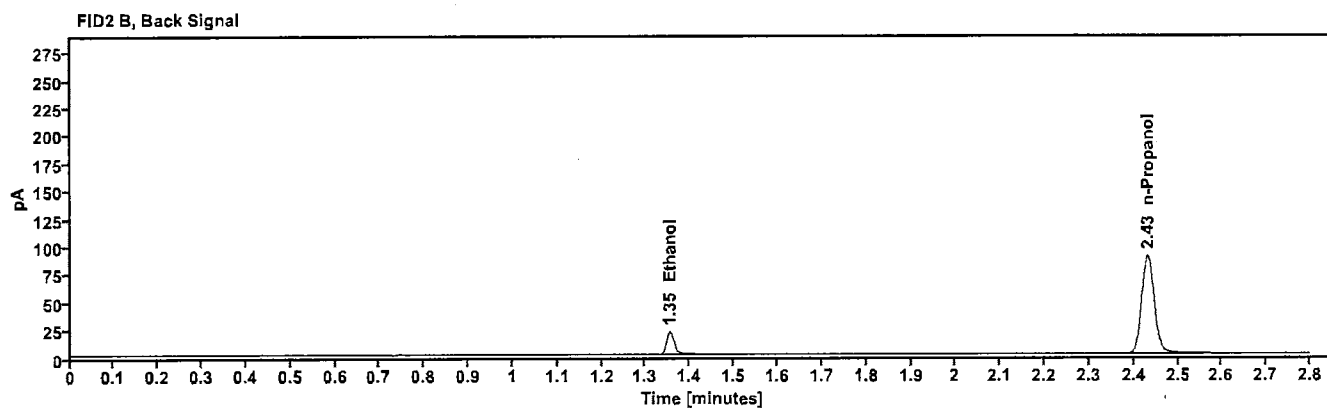
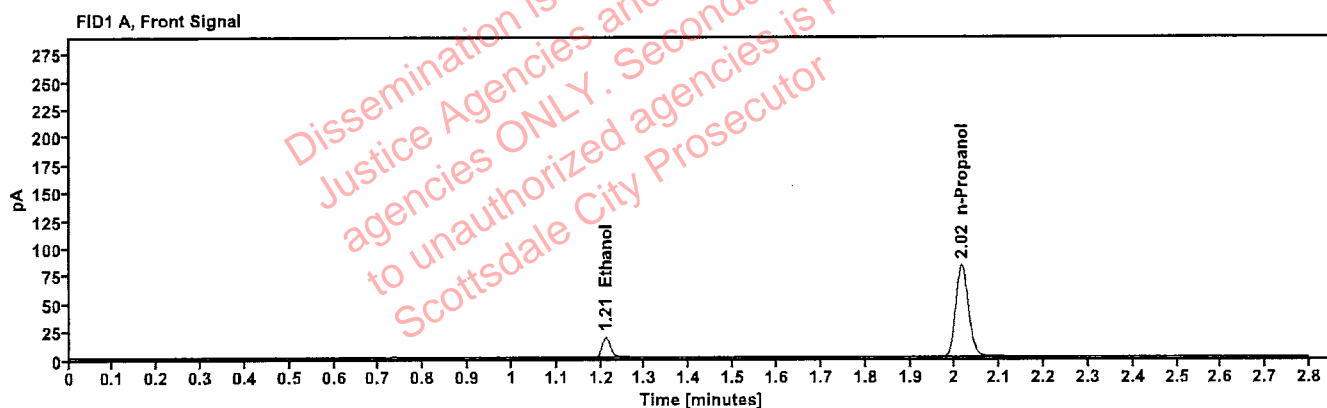


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0409	1.211	23.462
n-Propanol	-----	2.015	165.302

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

Compound	Time (min)	Peak Area
Ethanol	1.355	25.368
n-Propanol	2.432	178.795

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/8	Vial:	42
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 2:59:21 PM
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PB

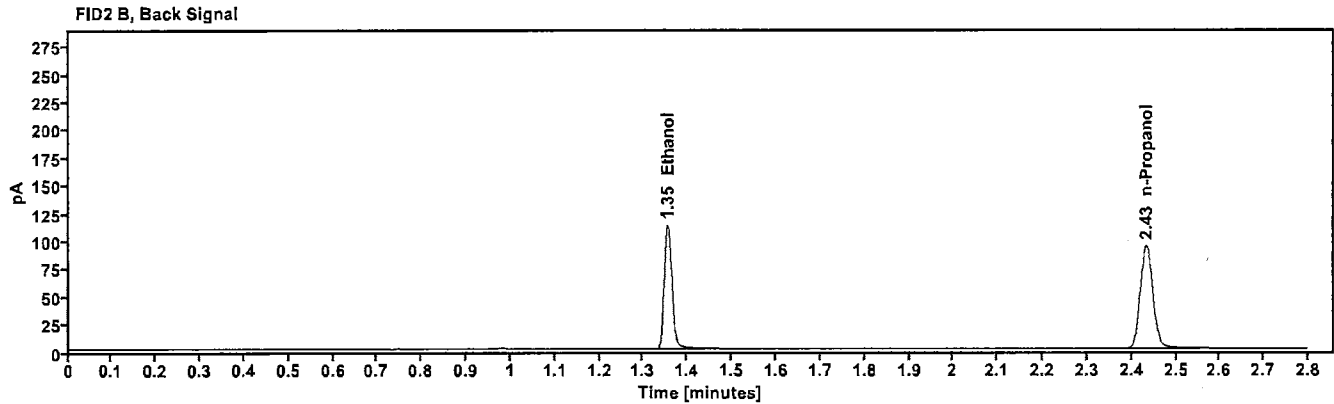
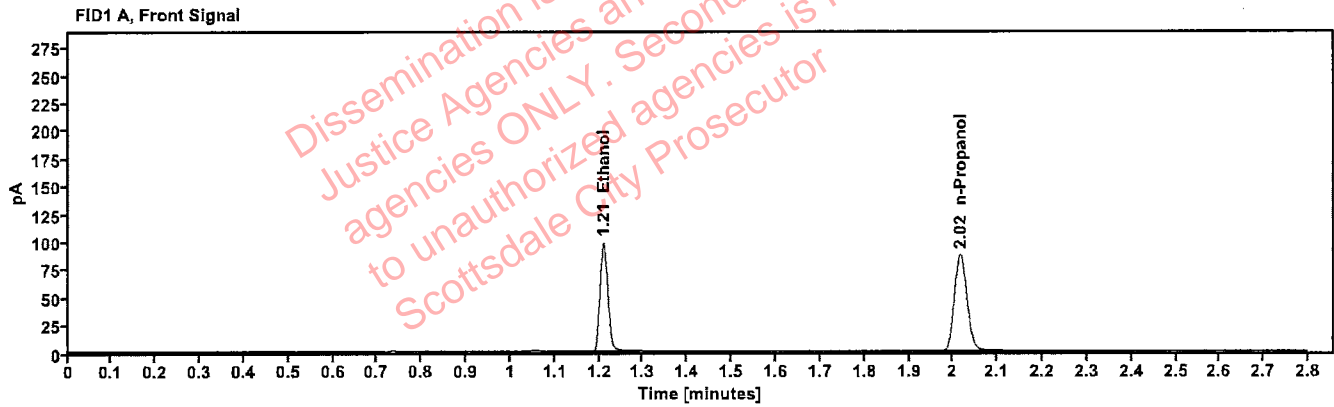


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2023	1.210	124.215
n-Propanol	-----	2.016	172.613

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

Compound	Time (min)	Peak Area
Ethanol	1.355	135.943
n-Propanol	2.433	186.592



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	101921WB	<b>Vial:</b>	43
<b>Description:</b>	Negative	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	29Nov22
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	11/29/2022 3:03:35 PM
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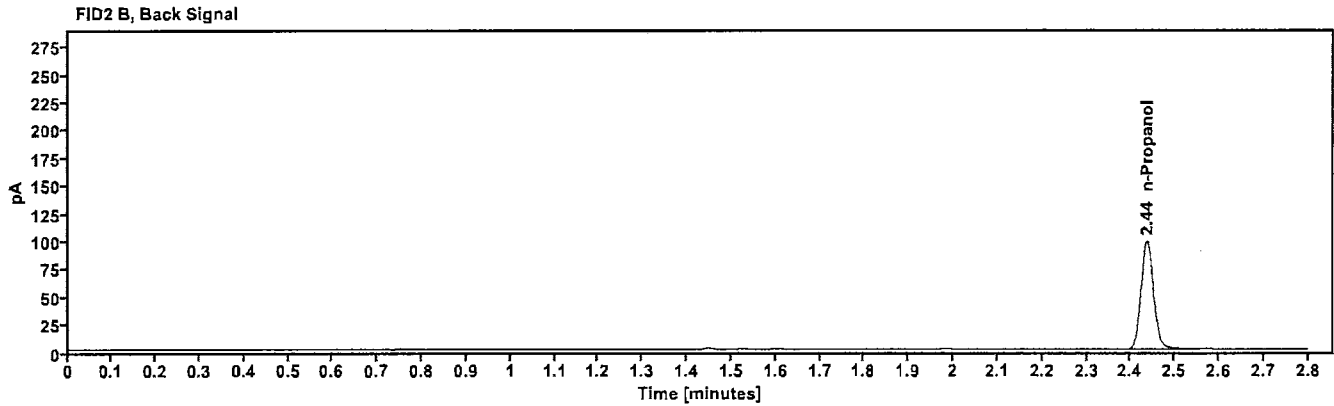
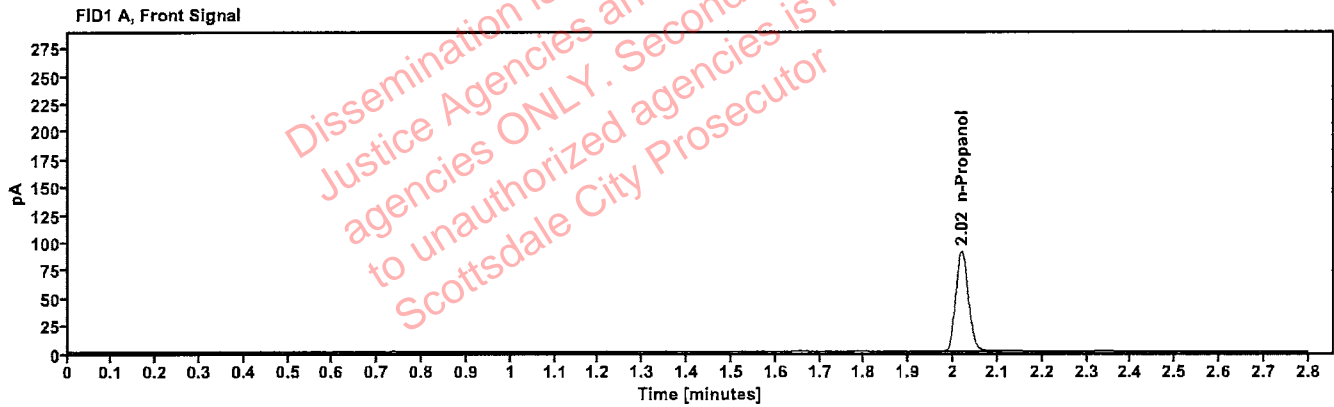


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.019	180.079

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

Compound	Time (min)	Peak Area
n-Propanol	2.437	195.018

# Sequence Summary

PB

Sequence name: 29Nov22      Instrument: US14173023 CN14160045      Analyst: Brooke

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	384-01A.G.		Sample		ethanol quant.M
11	384-01A.G.		Sample		ethanol quant.M
12	318-01G.A.		Sample		ethanol quant.M
13	318-01G.A.		Sample		ethanol quant.M
14	183-01A.P.		Sample		ethanol quant.M
15	183-01A.P.		Sample		ethanol quant.M
16	353-01M.L.		Sample		ethanol quant.M
17	353-01M.L.		Sample		ethanol quant.M
18	327-01L.F.		Sample		ethanol quant.M
19	327-01L.F.		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	416-01R.R.		Sample		ethanol quant.M
22	416-01R.R.		Sample		ethanol quant.M
23	395-01D.L.		Sample		ethanol quant.M
24	395-01D.L.		Sample		ethanol quant.M
25	2222360-3		Sample		ethanol quant.M
26	2222360-3		Sample		ethanol quant.M
27	2222563-1		Sample		ethanol quant.M
28	2222563-1		Sample		ethanol quant.M
29	2222469-2		Sample		ethanol quant.M
30	2222469-2		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	2222696-2		Sample		ethanol quant.M
33	2222696-2		Sample		ethanol quant.M
34	2221583-2		Sample		ethanol quant.M
35	2221583-2		Sample		ethanol quant.M
36	2222737-2		Sample		ethanol quant.M
37	2222737-2		Sample		ethanol quant.M
38	2222923-2		Sample		ethanol quant.M
39	2222923-2		Sample		ethanol quant.M
40	11092018-A	0.400	Control		ethanol quant.M
41	14082019-B	0.040	Control		ethanol quant.M
42	4110320133/8	0.199	Control		ethanol quant.M
43	101921WB	Negative	Control		ethanol quant.M

# Scottsdale Police Department Crime Laboratory Summary of Cases

PB

SEQUENCE NAME: 29Nov22

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2693	0.2725	0.27090	0.59	0.00160
12 13	0.1683	0.1667	0.16750	0.48	0.00080
14 15	0.0000	0.0000	0.00000	0.00	0.00000
16 17	0.2759	0.2761	0.27600	0.04	0.00010
18 19	0.0688	0.0686	0.06870	0.15	0.00010
21 22	0.2603	0.2610	0.26065	0.13	0.00035
23 24	0.0782	0.0768	0.07750	0.90	0.00070
25 26	0.1059	0.1040	0.10495	0.91	0.00095
27 28	0.2689	0.2696	0.26925	0.13	0.00035
29 30	0.0000	0.0000	0.00000	0.00	0.00000
32 33	0.2518	0.2481	0.24995	0.74	0.00185
34 35	0.3065	0.3025	0.30450	0.66	0.00200
36 37	0.3759	0.3738	0.37485	0.28	0.00105
38 39	0.1216	0.1234	0.12250	0.73	0.00090

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



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	384-01A.G.	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 12:50:06 PM
Data file:	C:\Chem32\1\Data\29Nov22\10.D	Analyst:	Brooke

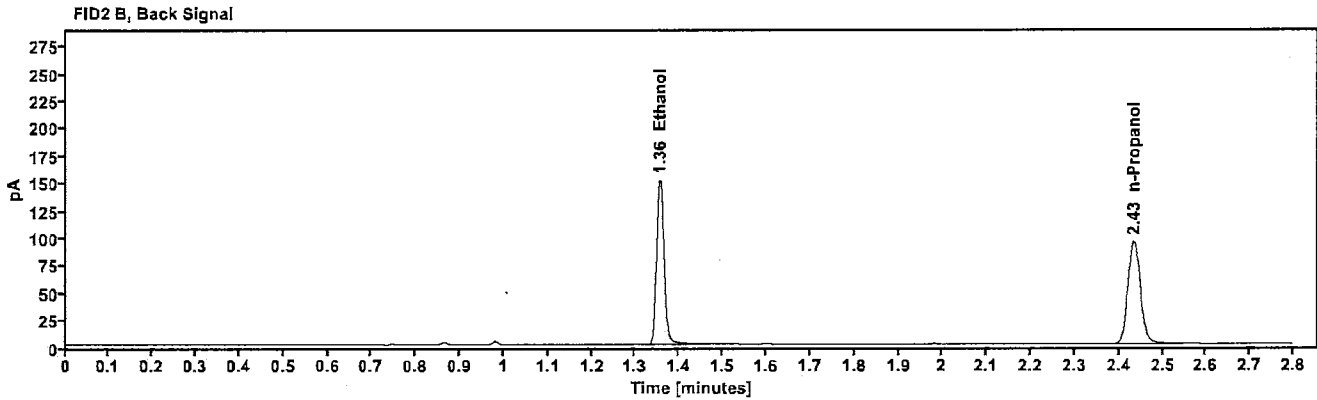
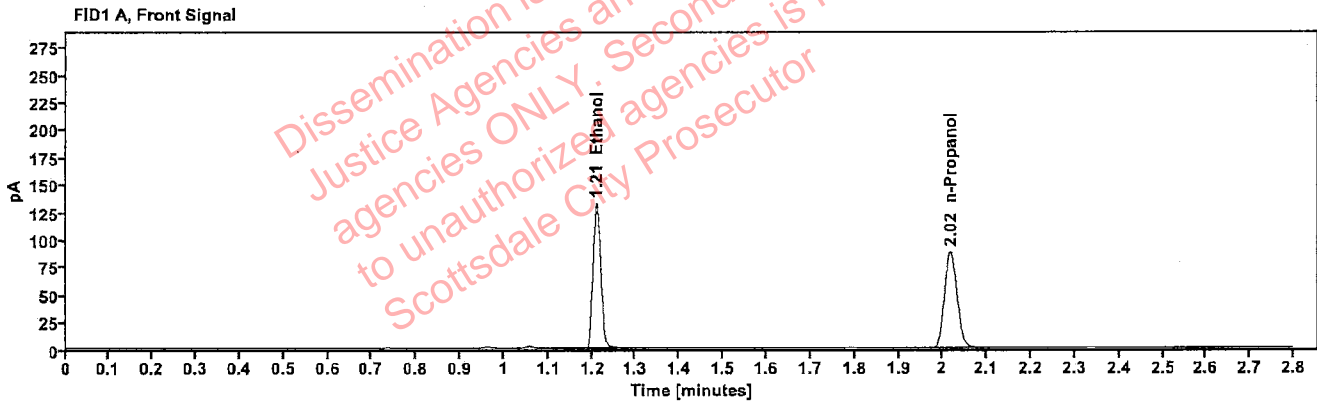


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2693	1.210	167.076
n-Propanol	-----	2.017	174.104

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

Compound	Time (min)	Peak Area
Ethanol	1.356	182.622
n-Propanol	2.434	188.226

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	384-01A.G.	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 12:54:05 PM
Data file:	C:\Chem32\1\Data\29Nov22\11.D	Analyst:	Brooke

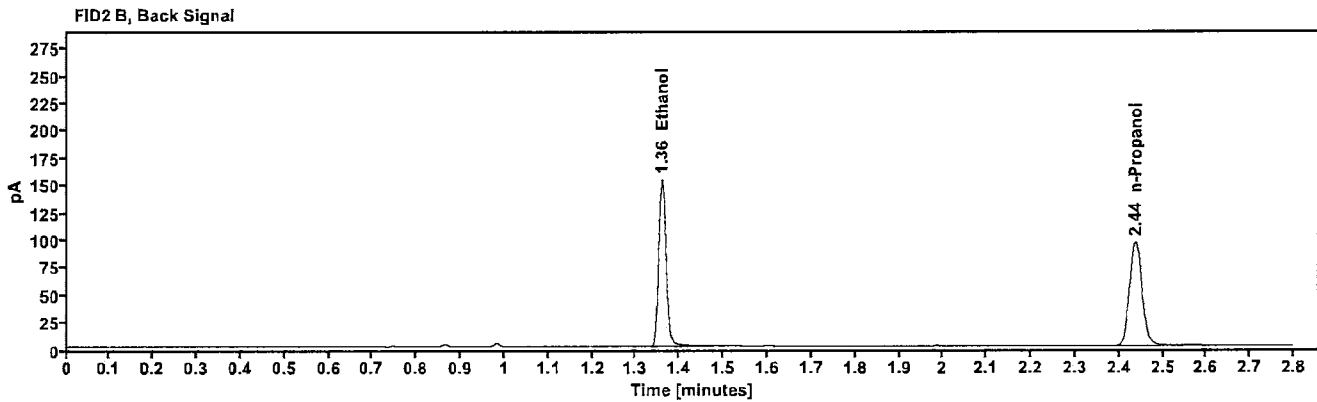
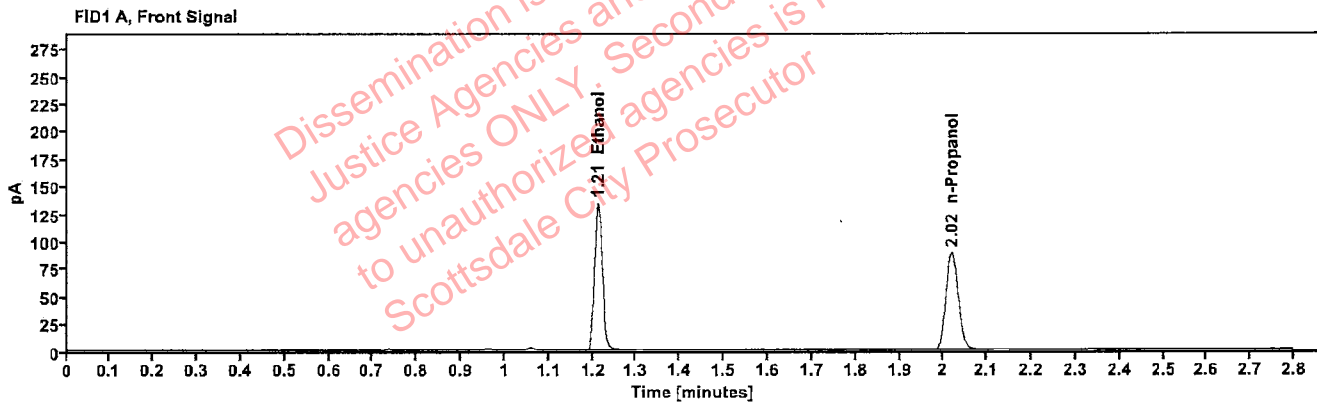


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2725	1.212	170.877
n-Propanol	-----	2.019	175.986

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

Compound	Time (min)	Peak Area
Ethanol	1.359	186.771
n-Propanol	2.437	189.976

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	318-01G.A.	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 12:58:05 PM
Data file:	C:\Chem32\1\Data\29Nov22\12.D	Analyst:	Brooke

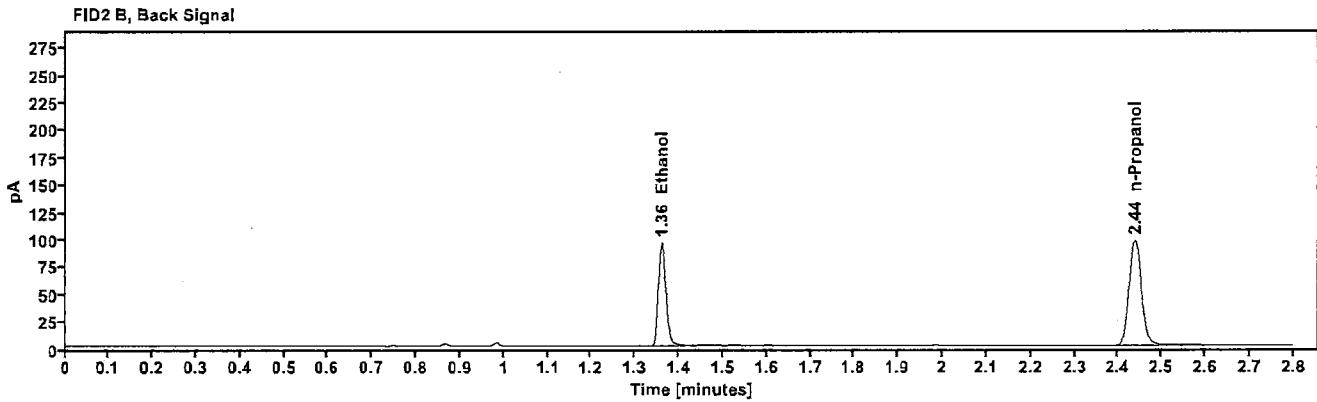
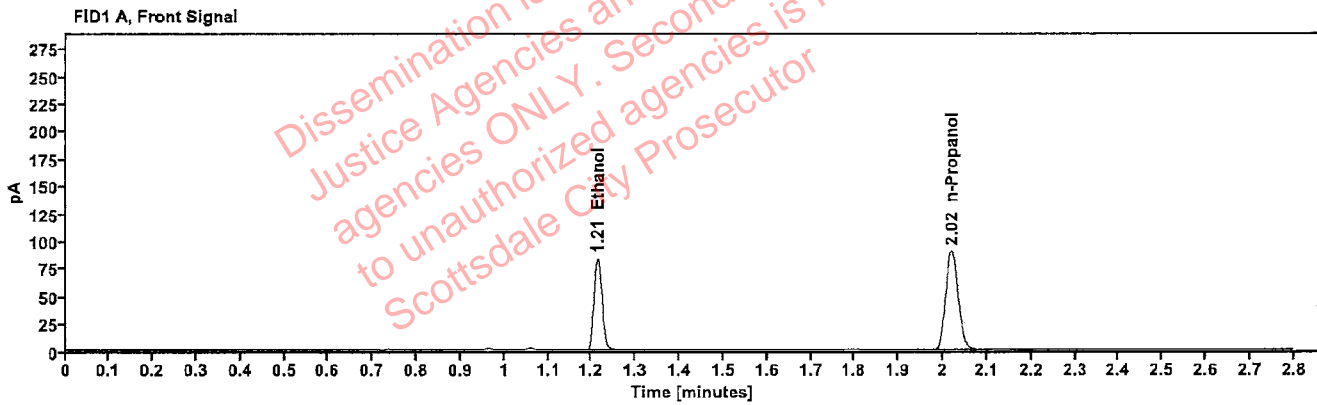


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1683	1.213	106.929
n-Propanol	----	2.019	178.774

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

Compound	Time (min)	Peak Area
Ethanol	1.360	116.254
n-Propanol	2.438	192.943

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	318-01G.A.	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 1:02:21 PM
Data file:	C:\Chem32\11Data\29Nov22\13.D	Analyst:	Brooke

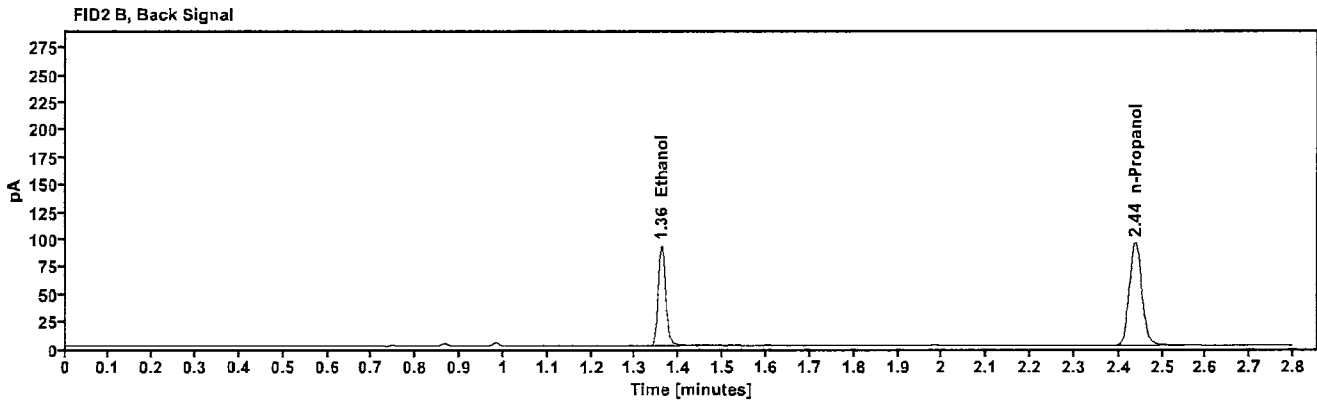
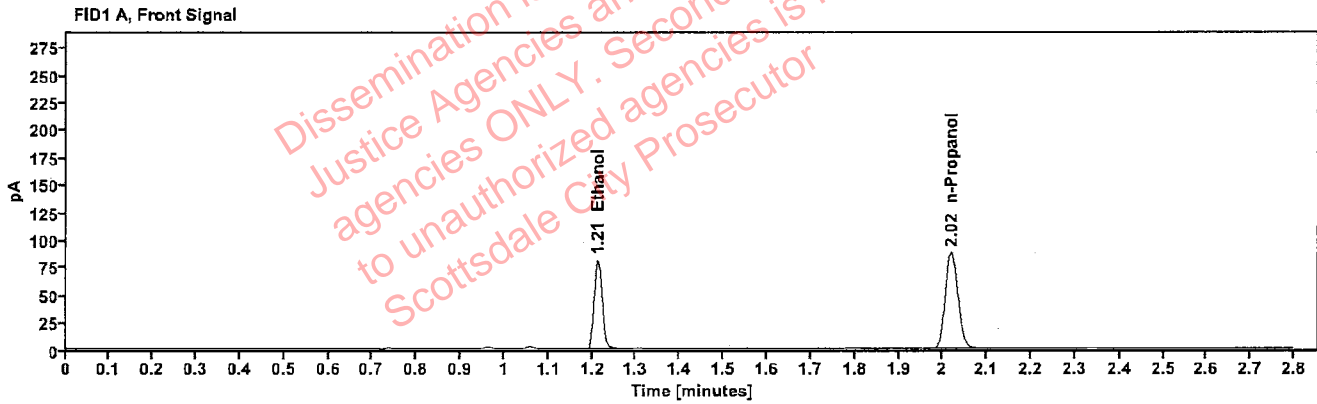


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1667	1.212	103.211
n-Propanol	---	2.019	174.246

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

Compound	Time (min)	Peak Area
Ethanol	1.360	112.175
n-Propanol	2.437	188.056



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	183-01A.P.	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 1:06:20 PM
Data file:	C:\Chem32\1\Data\29Nov22\14.D	Analyst:	Brooke

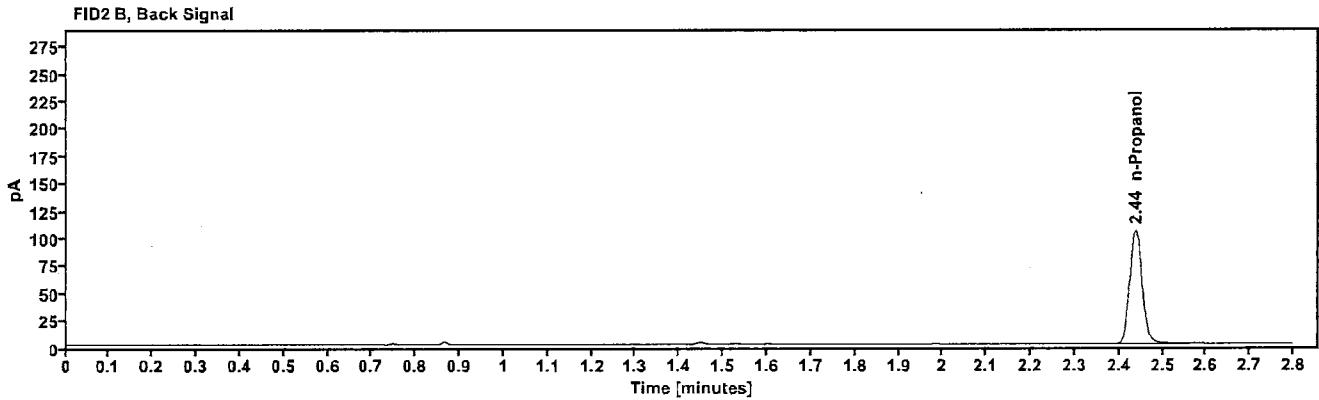
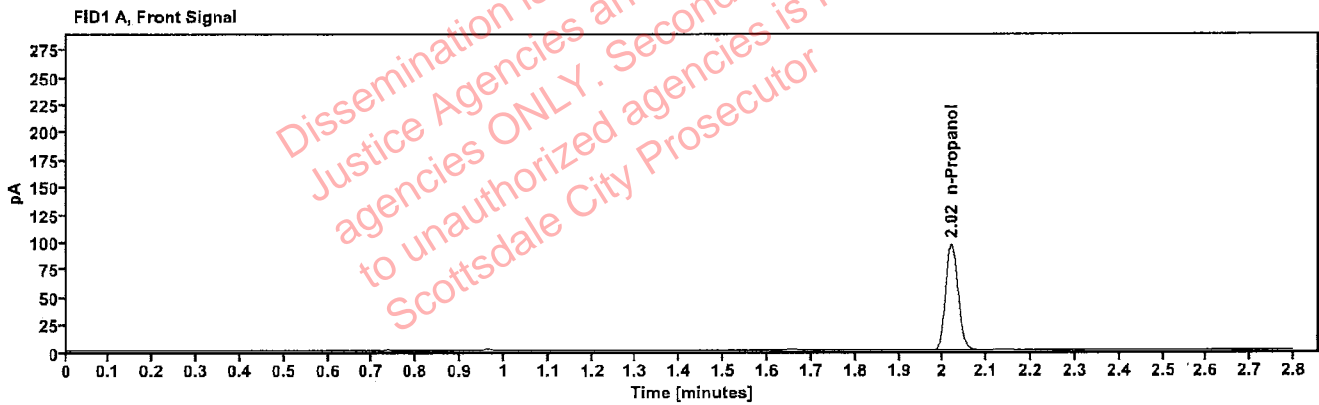


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.019	192.512

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

Compound	Time (min)	Peak Area
n-Propanol	2.438	208.309

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	183-01A.P.	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 1:10:20 PM
Data file:	C:\Chem32\1\Data\29Nov22\15.D	Analyst:	Brooke

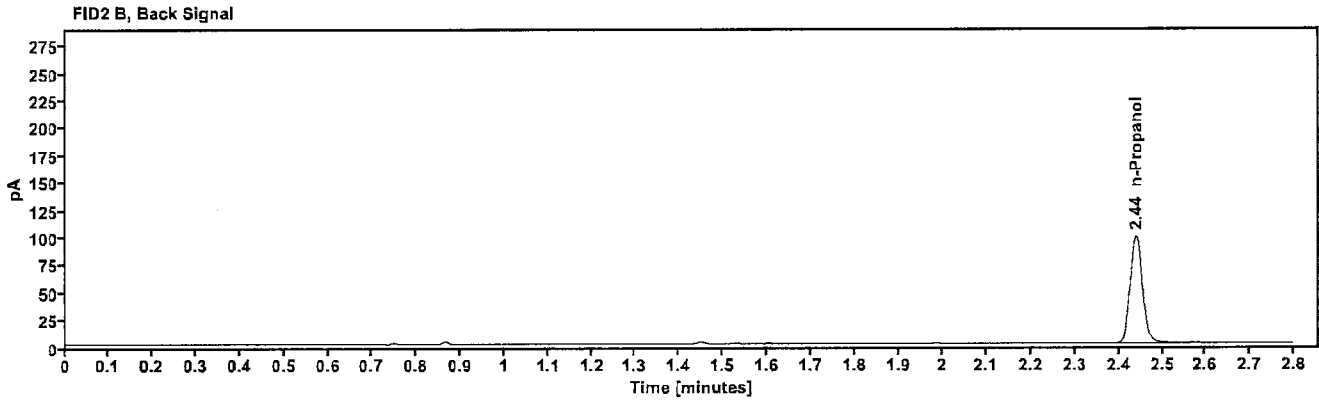
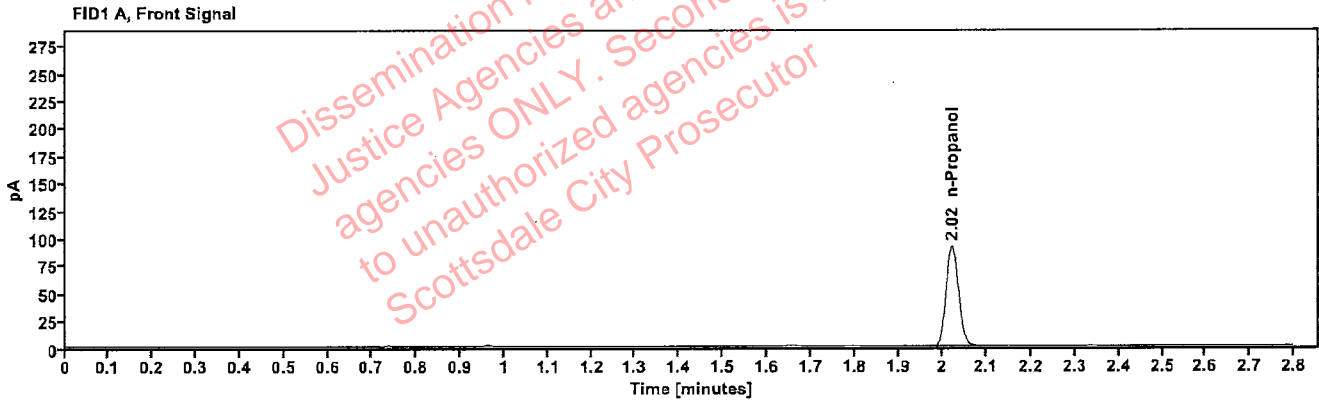


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.020	181.103

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

Compound	Time (min)	Peak Area
n-Propanol	2.439	195.822

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01M.L.	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 1:14:20 PM
Data file:	C:\Chem32\1\Data\29Nov22\16.D	Analyst:	Brooke

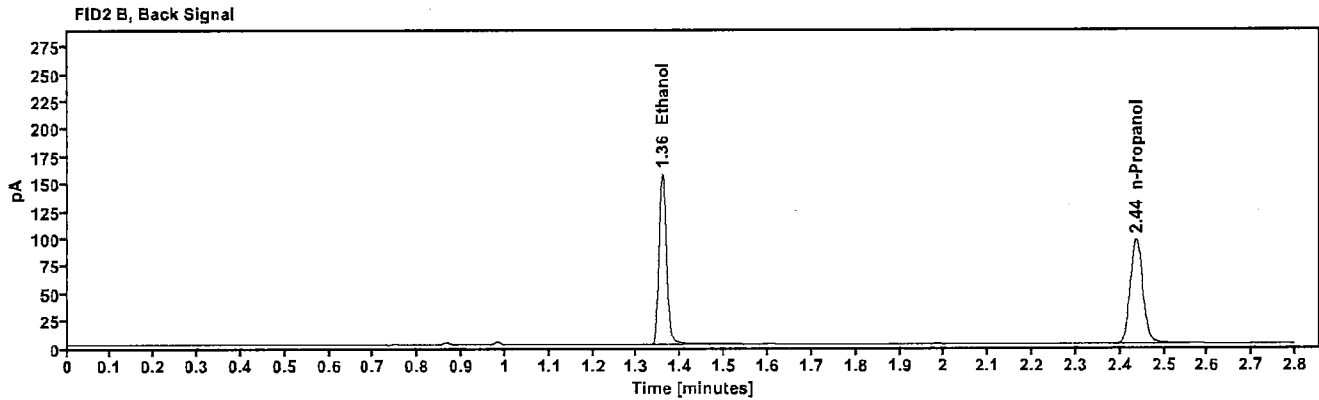
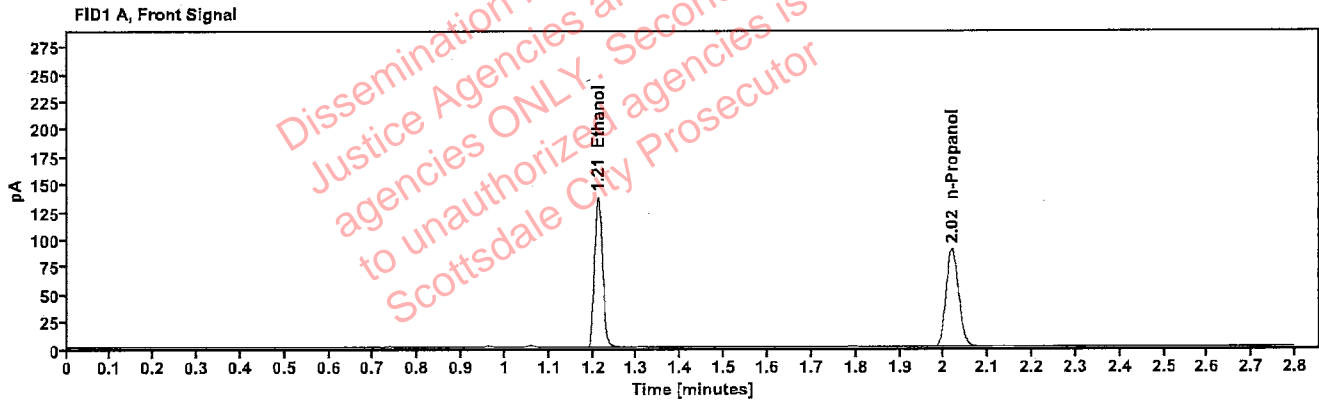


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2759	1.211	174.547
n-Propanol	---	2.018	177.541

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

Compound	Time (min)	Peak Area
Ethanol	1.358	190.428
n-Propanol	2.436	191.707

[REDACTED]: Brooke, Phillip - (30-Nov-2022)

Case: [REDACTED] User: pbrooke 11/30/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01 M.L.	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 1:18:21 PM
Data file:	C:\Chem32\1\Data\29Nov22\17.D	Analyst:	Brooke

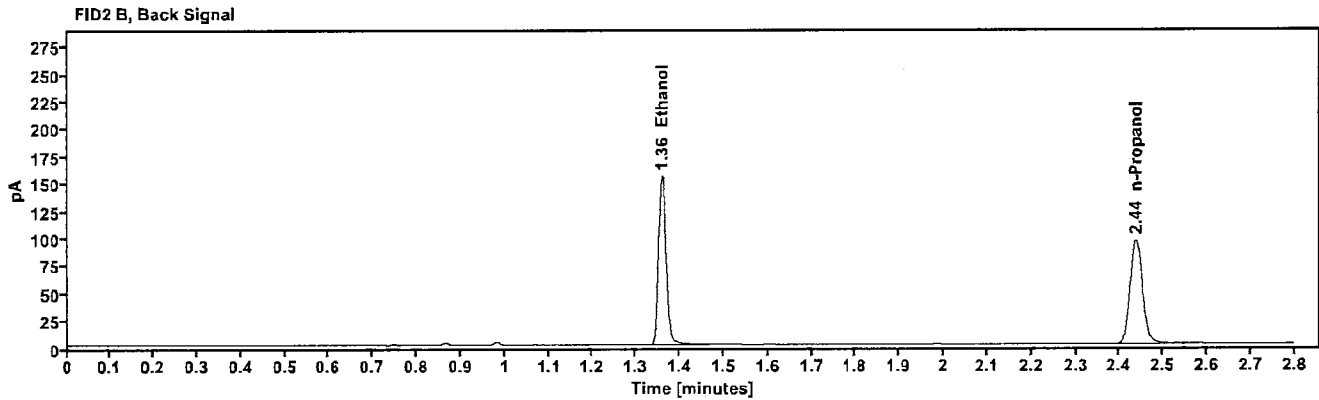
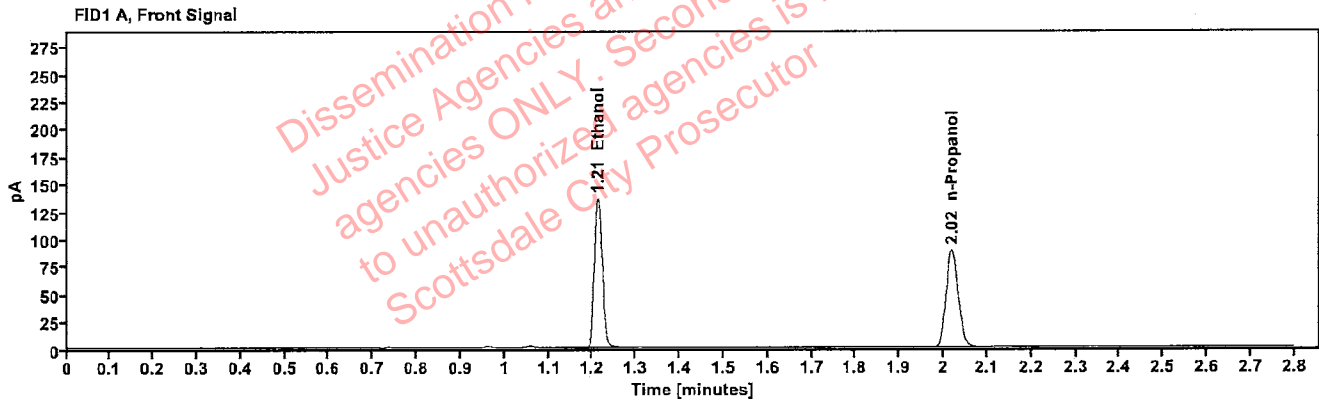


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2761	1.212	172.826
n-Propanol	-----	2.019	175.696

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

Compound	Time (min)	Peak Area
Ethanol	1.359	188.903
n-Propanol	2.437	189.793

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01L.F.	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 1:22:20 PM
Data file:	C:\Chem32\1\Data\29Nov22\18.D	Analyst:	Brooke

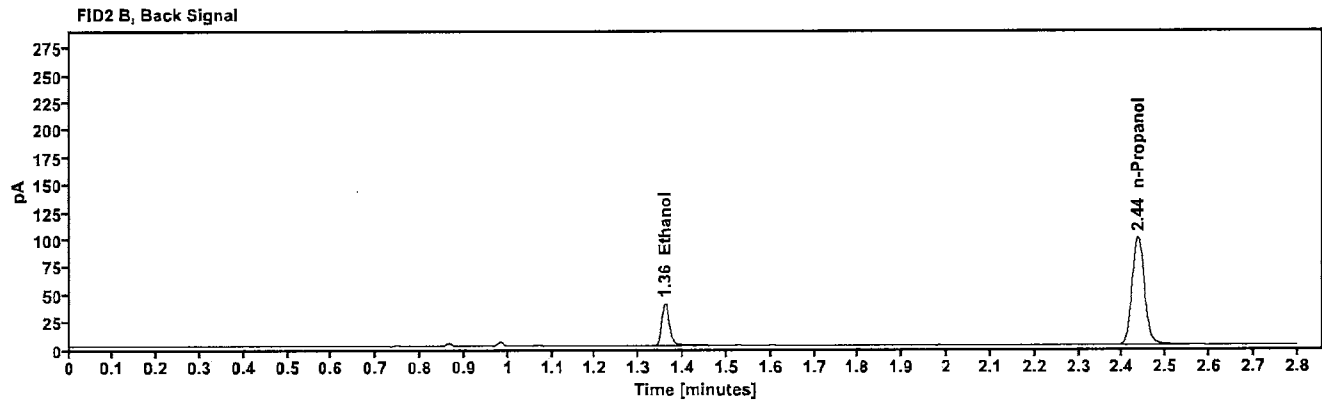
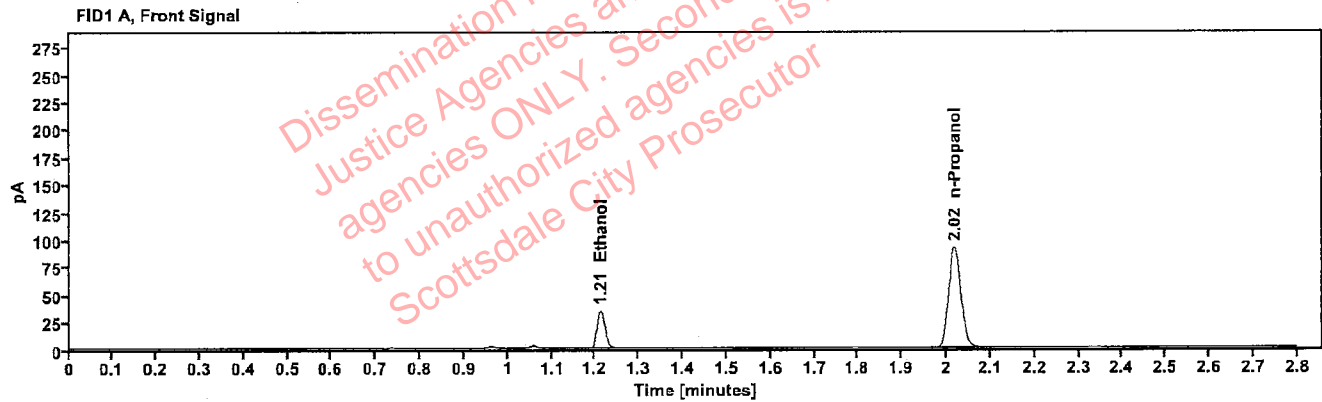


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0688	1.213	44.246
n-Propanol	-----	2.018	182.966

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

Compound	Time (min)	Peak Area
Ethanol	1.359	47.642
n-Propanol	2.436	197.865

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01L.F.	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 1:26:36 PM
Data file:	C:\Chem32\1\Data\29Nov22\19.D	Analyst:	Brooke

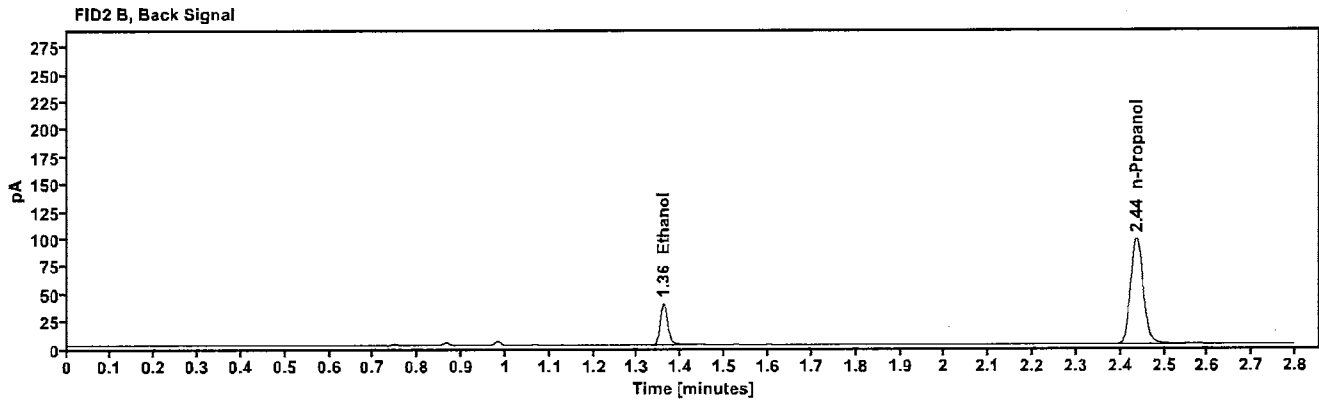
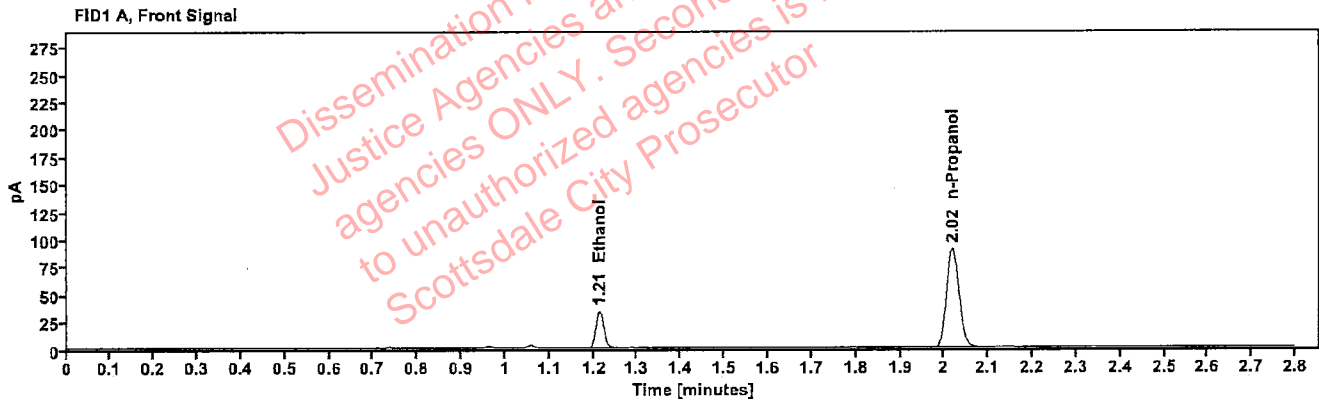


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0686	1.213	43.307
n-Propanol	-----	2.019	179.581

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

Compound	Time (min)	Peak Area
Ethanol	1.360	46.755
n-Propanol	2.437	193.907

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	416-01R.R.	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 1:34:36 PM
Data file:	C:\Chem32\1\Data\29Nov22\21.D	Analyst:	Brooke

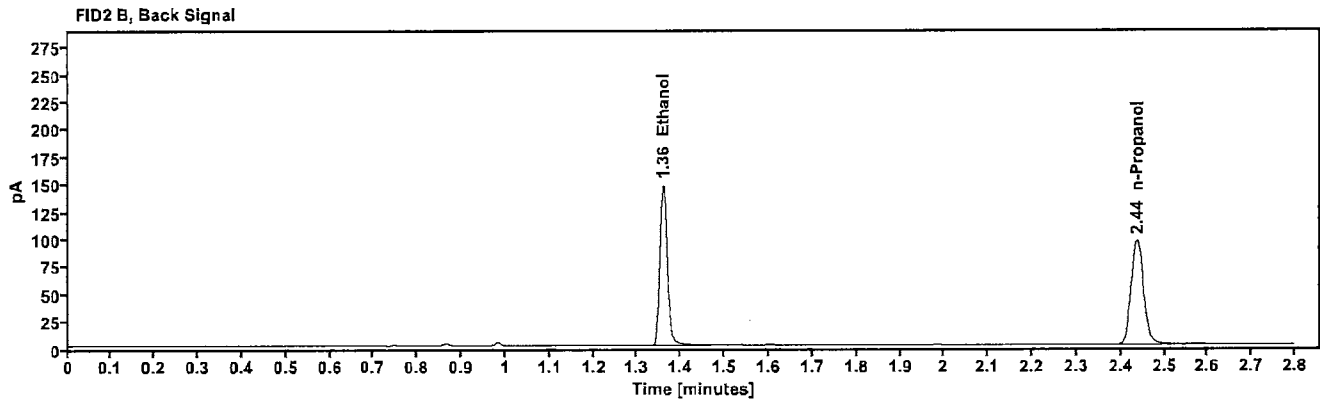
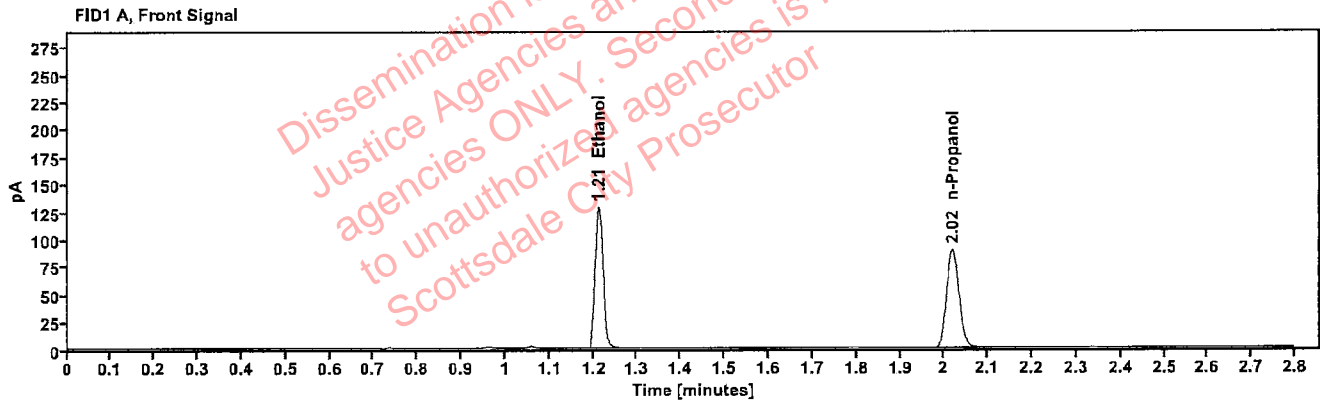


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2603	1.212	164.484
n-Propanol	-----	2.019	177.403

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

Compound	Time (min)	Peak Area
Ethanol	1.359	179.635
n-Propanol	2.437	190.943

[REDACTED] : Brooke, Phillip - (30-Nov-2022)

Case: [REDACTED] User: pbrooke 11/30/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	416-01R.R.	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 1:38:35 PM
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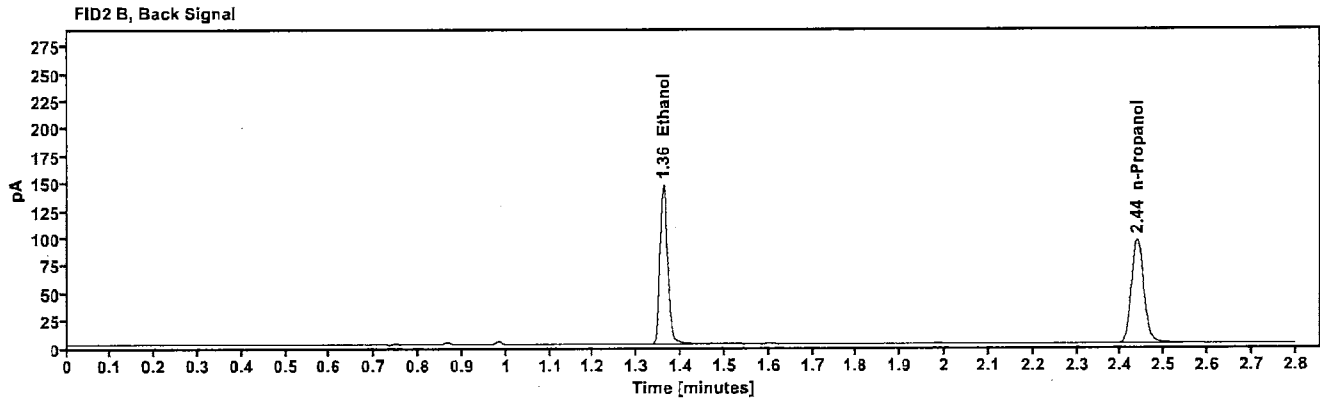
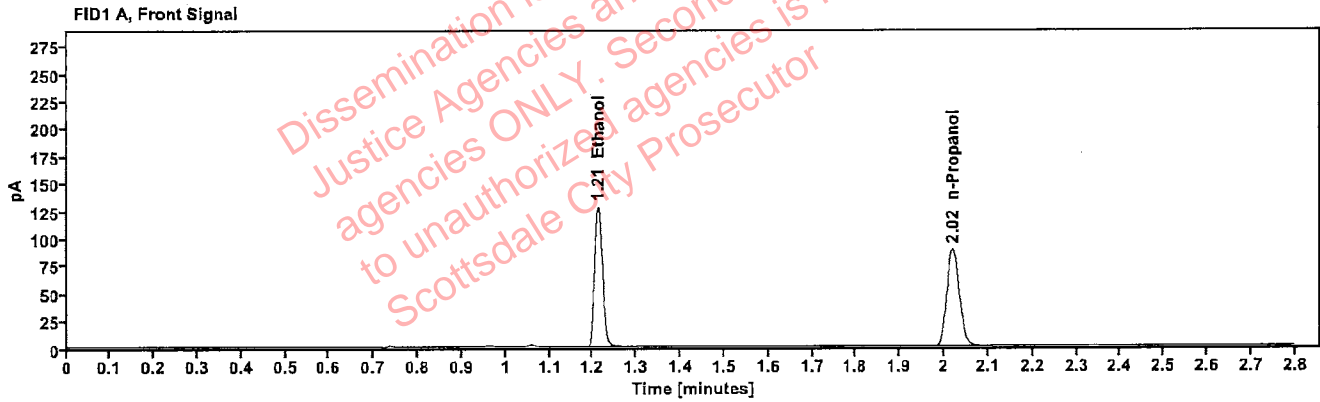


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2610	1.213	163.266
n-Propanol	---	2.019	175.614

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

Compound	Time (min)	Peak Area
Ethanol	1.360	178.191
n-Propanol	2.438	189.050



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	395-01D.L.	Vial:	23
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 1:42:36 PM
Data file:	C:\Chem32\1\Data\29Nov22\23.D	Analyst:	Brooke

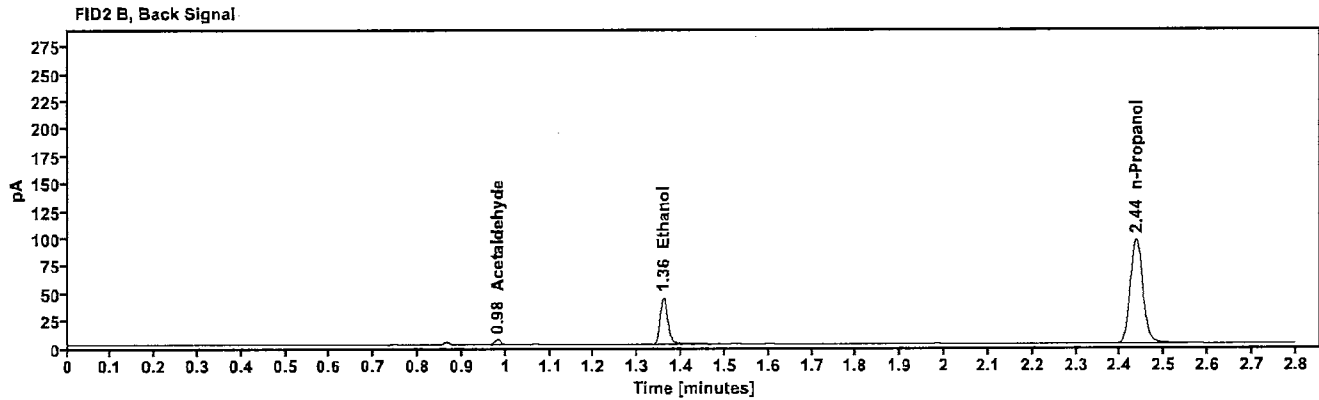
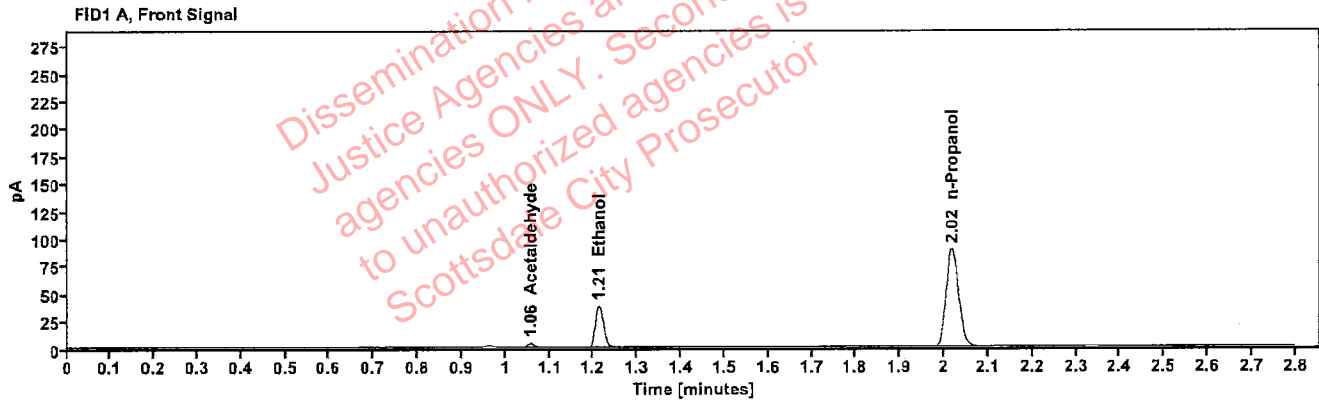


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	---	1.057	3.979
>Ethanol	0.0782	1.213	48.862
n-Propanol	---	2.018	177.267

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	4.508
Ethanol	1.359	52.765
n-Propanol	2.436	191.531

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	395-01D.L.	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 1:46:36 PM
Data file:	C:\Chem32\1\Data\29Nov22\24.D	Analyst:	Brooke

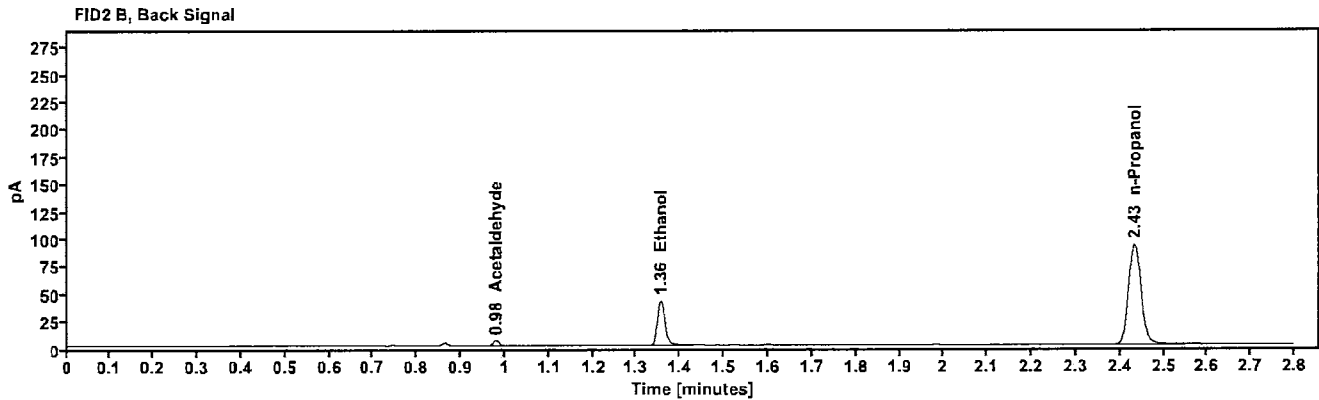
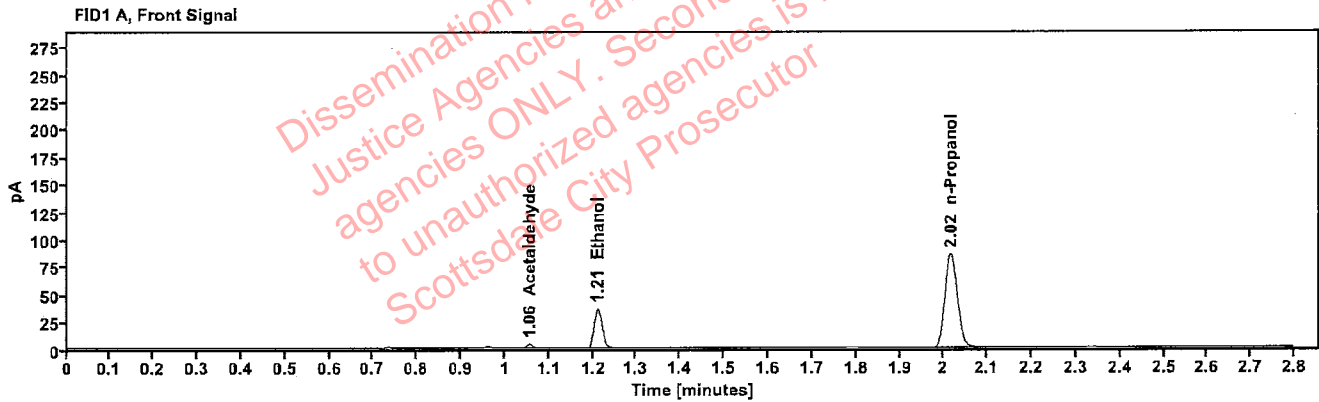


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.996
>Ethanol	0.0768	1.211	46.003
n-Propanol	-----	2.016	170.085

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.979	4.510
Ethanol	1.356	49.754
n-Propanol	2.433	183.880

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222360-3	Vial:	25
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 1:50:50 PM
Data file:	C:\Chem32\1\Data\29Nov22\25.D	Analyst:	Brooke

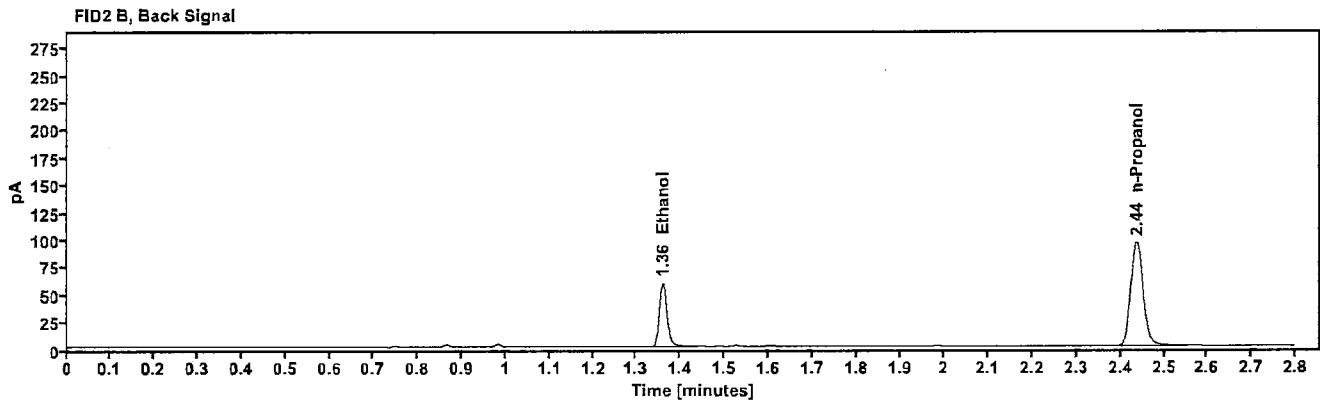
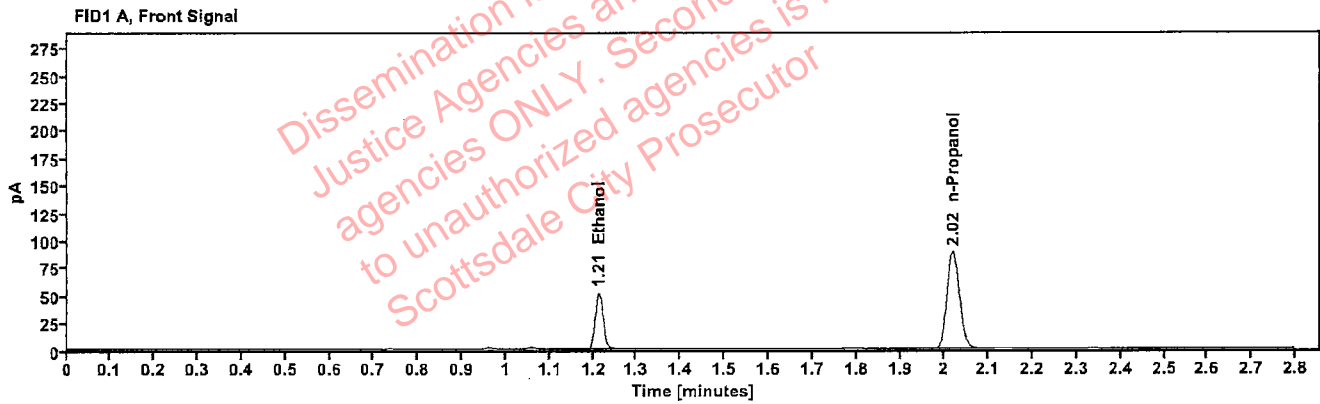


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1059	1.213	66.125
n-Propanol	-----	2.019	176.582

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

Compound	Time (min)	Peak Area
Ethanol	1.359	71.484
n-Propanol	2.437	190.786

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222360-3	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 1:54:50 PM
Data file:	C:\Chem32\1\Data\29Nov22\26.D	Analyst:	Brooke

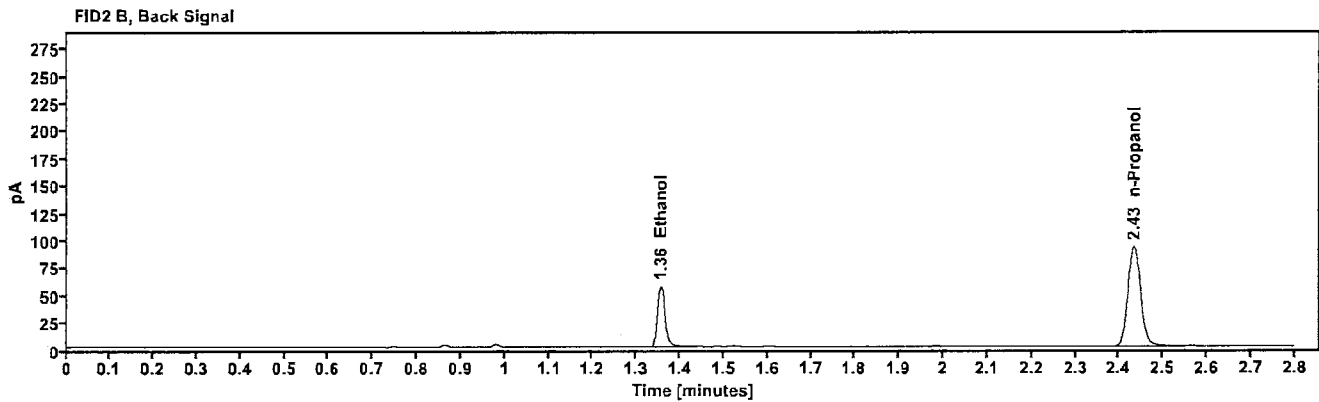
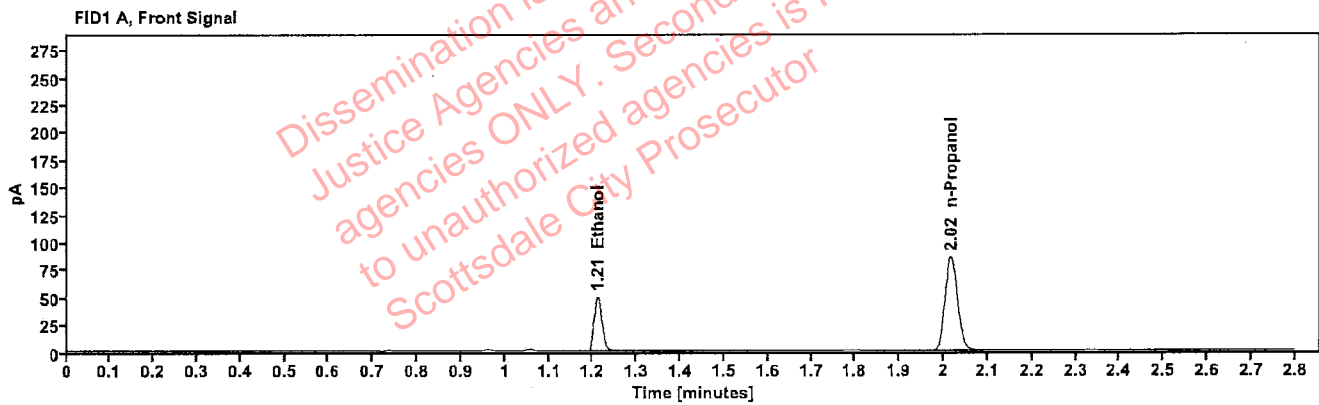


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1040	1.211	62.629
n-Propanol	-----	2.016	170.293

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

Compound	Time (min)	Peak Area
Ethanol	1.355	67.895
n-Propanol	2.433	184.156

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222563-1	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 1:58:51 PM
Data file:	C:\Chem32\1\Data\29Nov22\27.D	Analyst:	Brooke

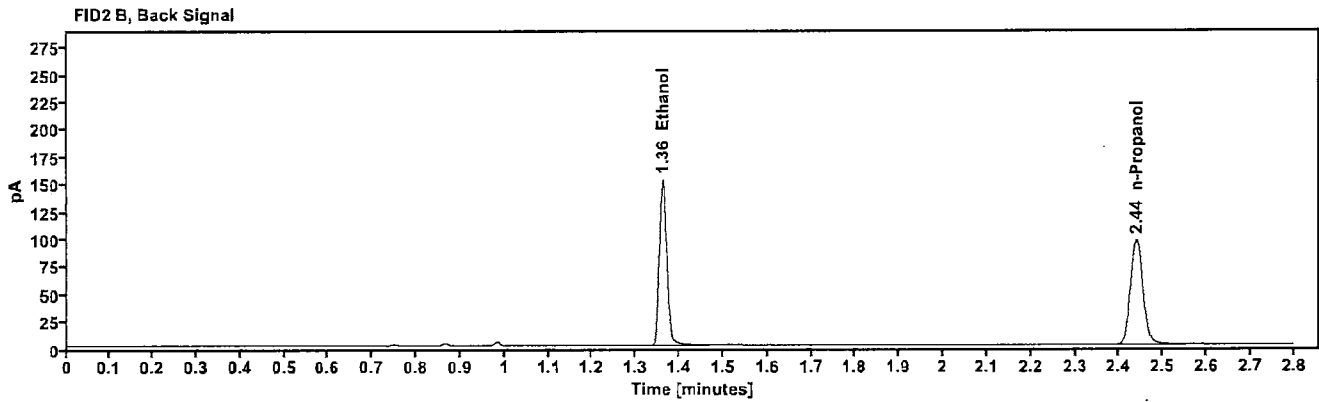
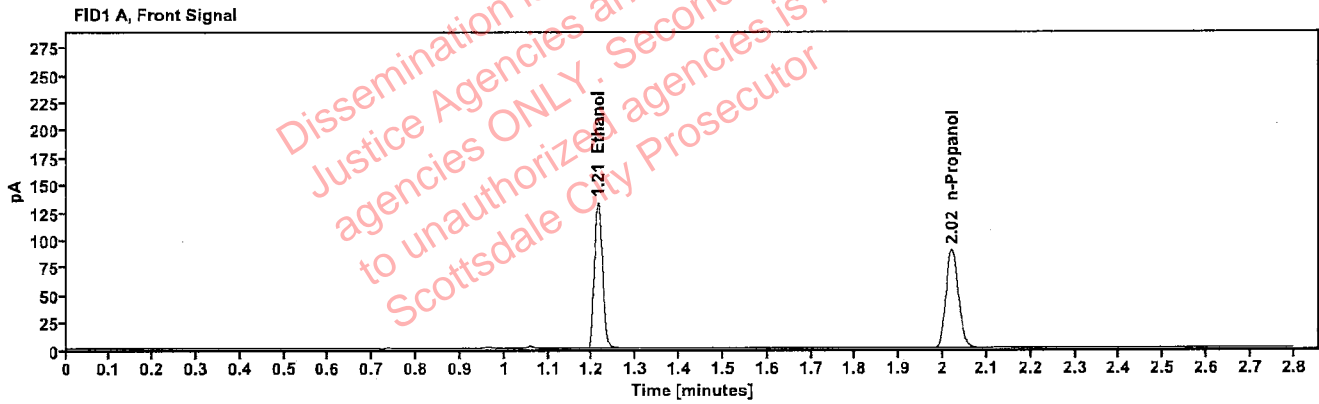


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2689	1.213	170.528
n-Propanol	-----	2.020	177.990

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

Compound	Time (min)	Peak Area
Ethanol	1.361	186.367
n-Propanol	2.439	191.519

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222563-1	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 2:02:51 PM
Data file:	C:\Chem32\1\Data\29Nov22\28.D	Analyst:	Brooke

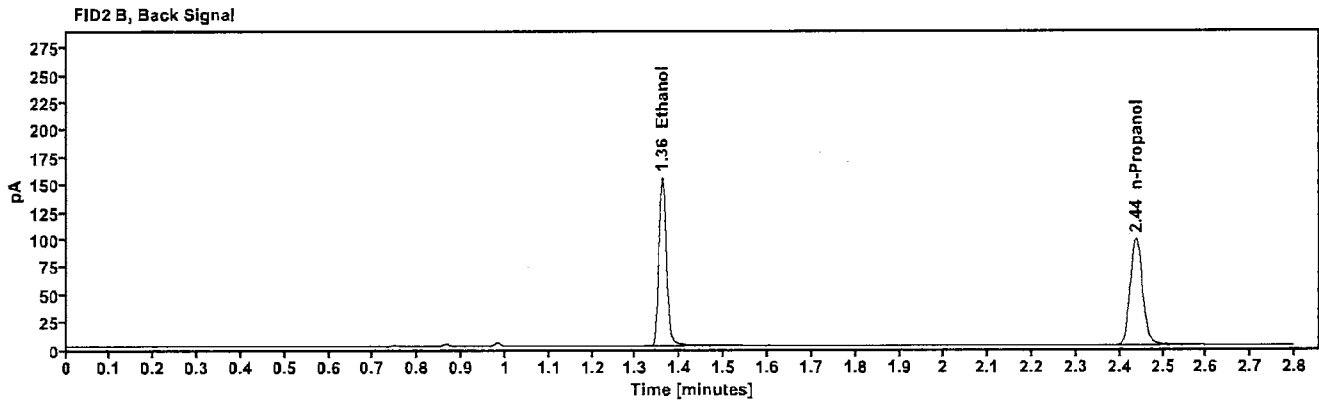
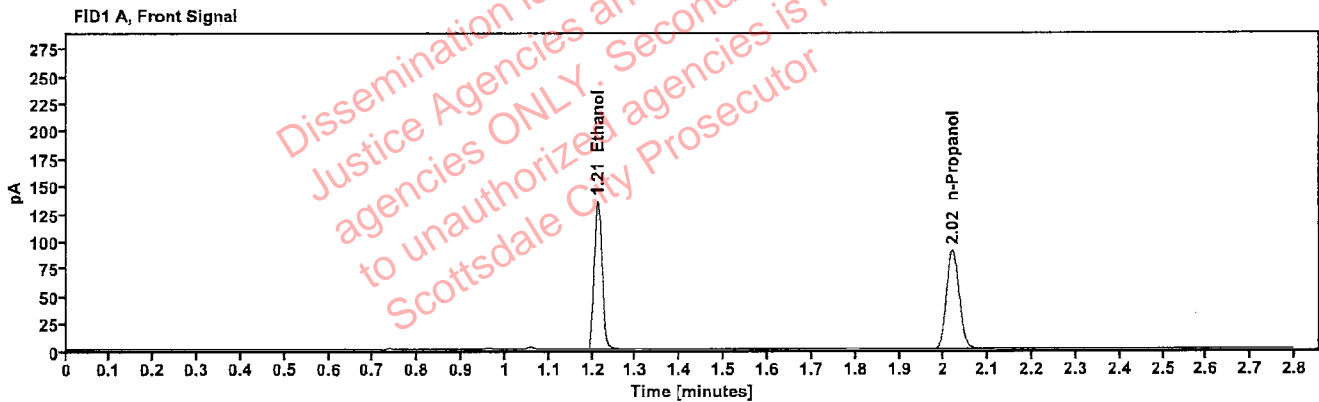


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2696	1.212	172.693
n-Propanol	---	2.019	179.805

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

Compound	Time (min)	Peak Area
Ethanol	1.360	188.802
n-Propanol	2.437	193.564

: Brooke, Phillip - (30-Nov-2022)

Case: [REDACTED] User: pbrooke 11/30/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222469-2	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 2:06:50 PM
Data file:	C:\Chem32\1\Data\29Nov22\29.D	Analyst:	Brooke

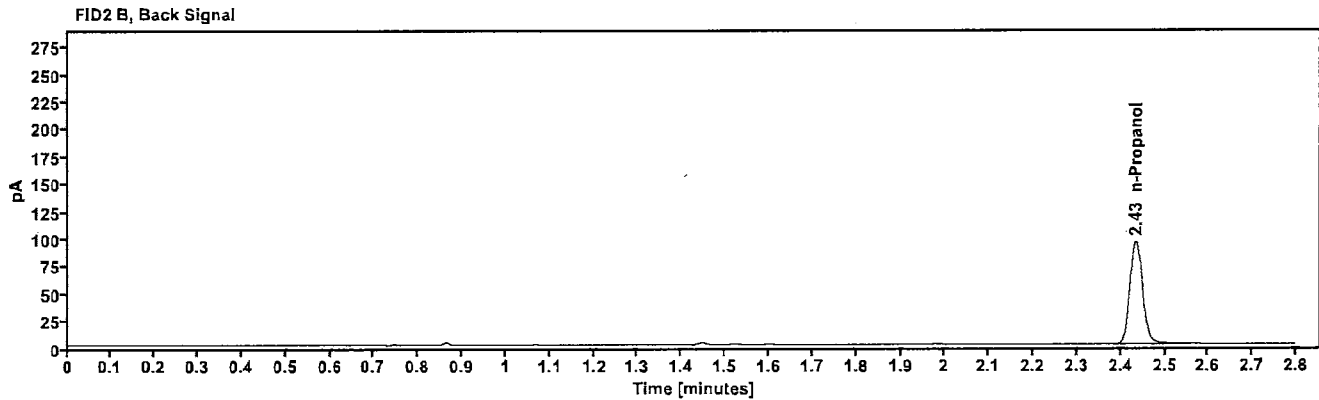
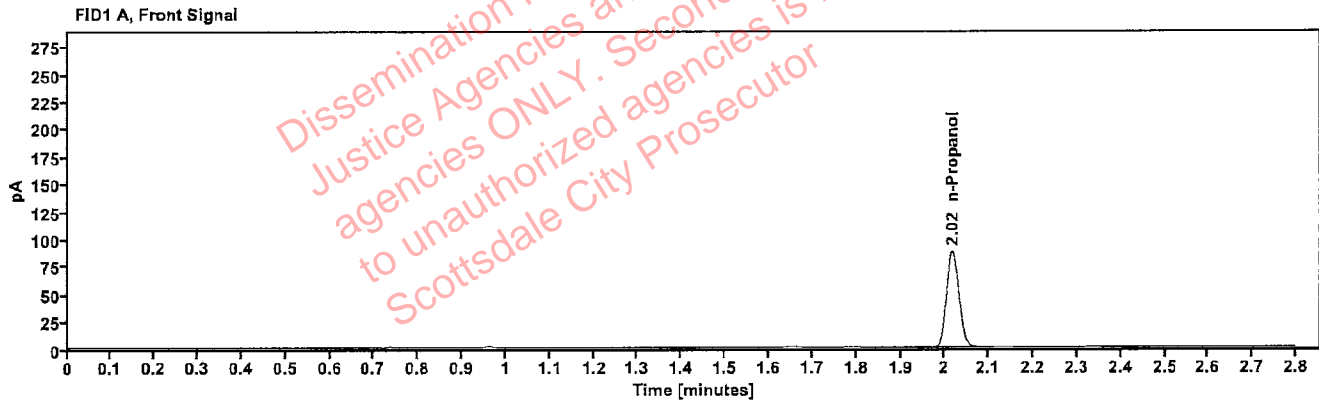


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.017	174.372

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

Compound	Time (min)	Peak Area
n-Propanol	2.435	188.781

Brooke, Phillip - (30-Nov-2022)

Case: User: pbrooke 11/30/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222469-2	Vial:	30
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 2:10:50 PM
Data file:	C:\Chem32\1\Data\29Nov22\30.D	Analyst:	Brooke

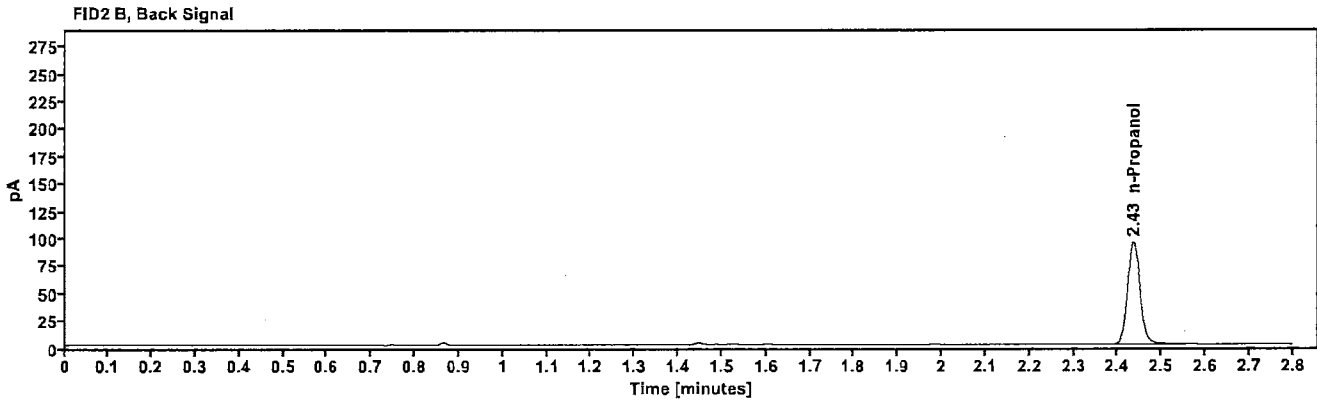
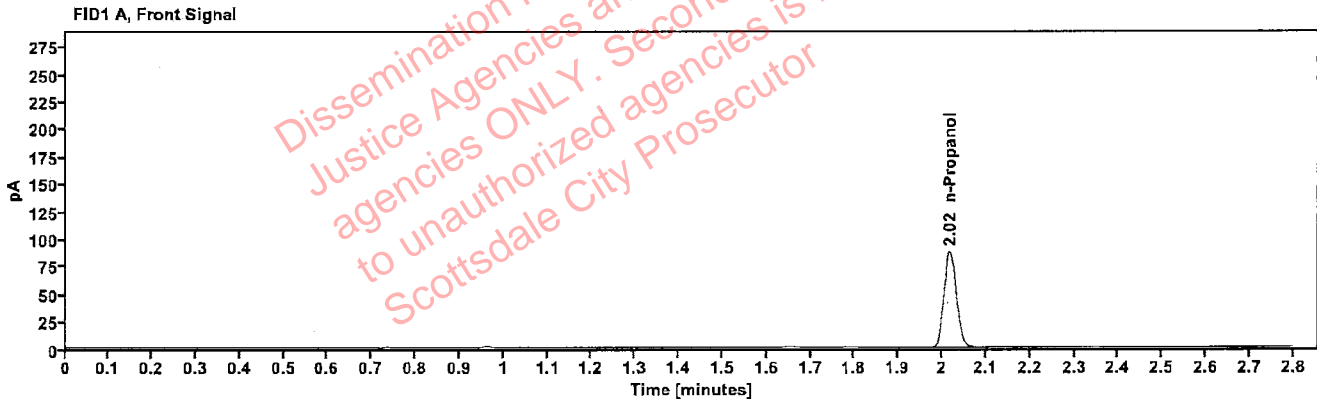


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.018	173.175

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

Compound	Time (min)	Peak Area
n-Propanol	2.435	187.431



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222696-2	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 2:19:05 PM
Data file:	C:\Chem32\1\Data\29Nov22\32.D	Analyst:	Brooke

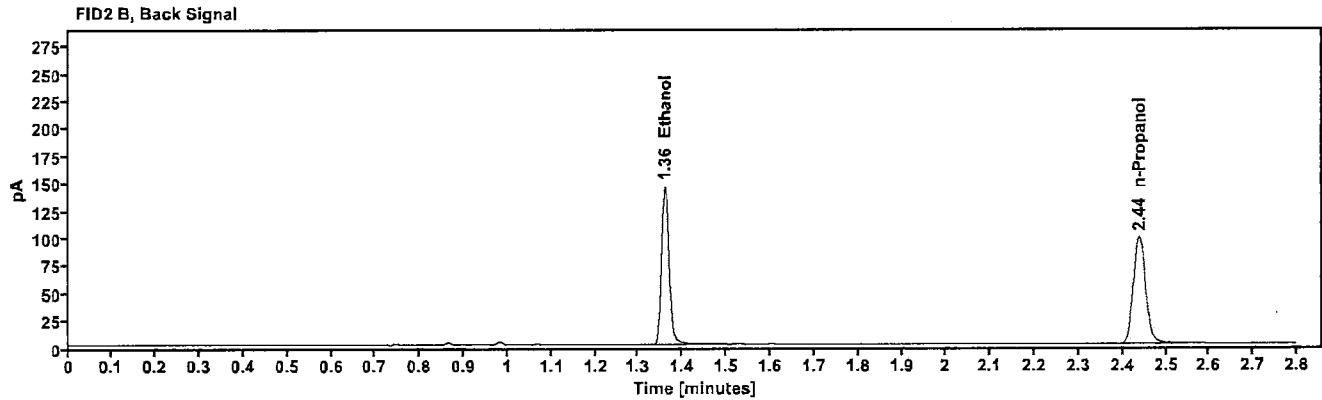
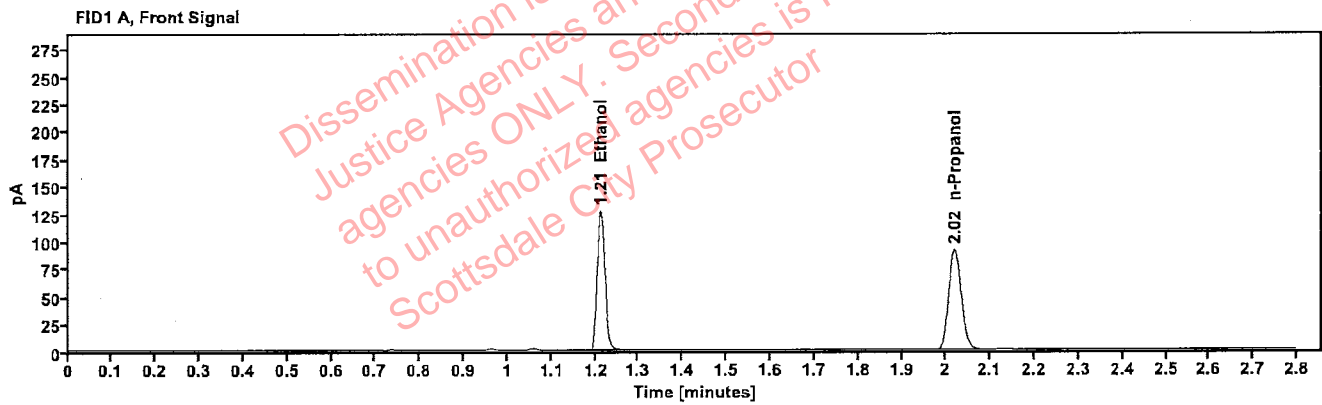


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2518	1.213	162.564
n-Propanol	-----	2.019	181.250

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

Compound	Time (min)	Peak Area
Ethanol	1.360	177.481
n-Propanol	2.438	195.288

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222696-2	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 2:23:06 PM
Data file:	C:\Chem32\1\Data\29Nov22\33.D	Analyst:	Brooke

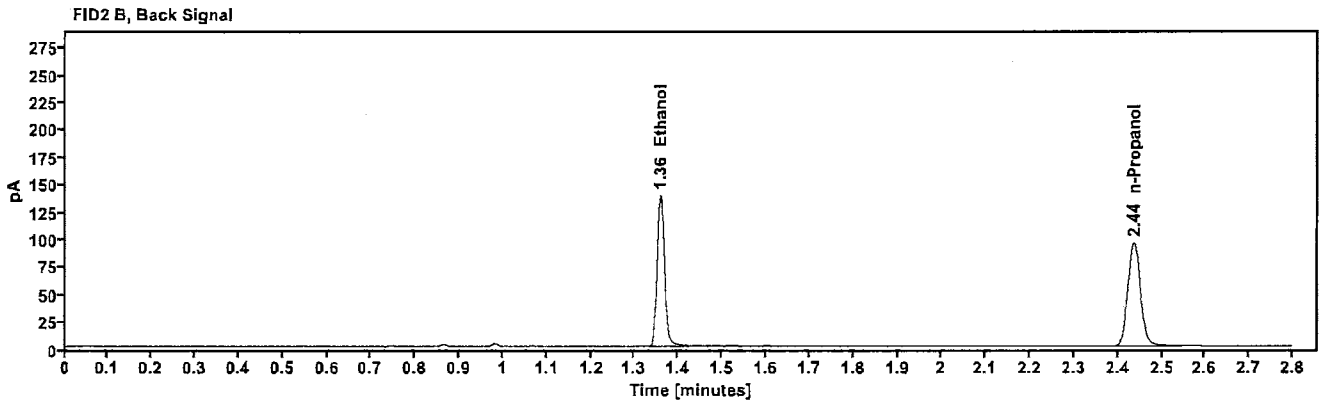
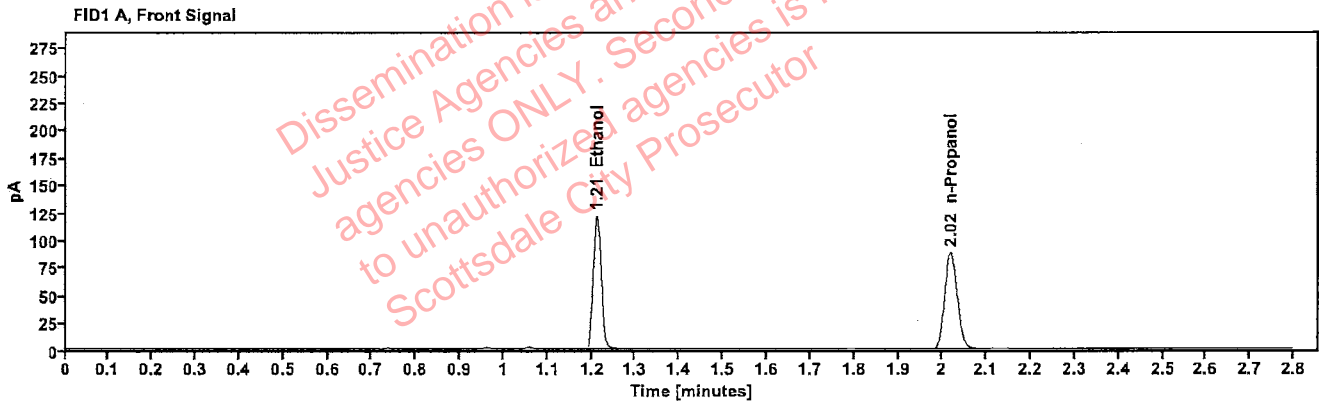


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2481	1.212	154.799
n-Propanol	-----	2.018	175.183

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

Compound	Time (min)	Peak Area
Ethanol	1.358	168.833
n-Propanol	2.436	188.446

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221583-2	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 2:27:05 PM
Data file:	C:\Chem32\1\Data\29Nov22\34.D	Analyst:	Brooke

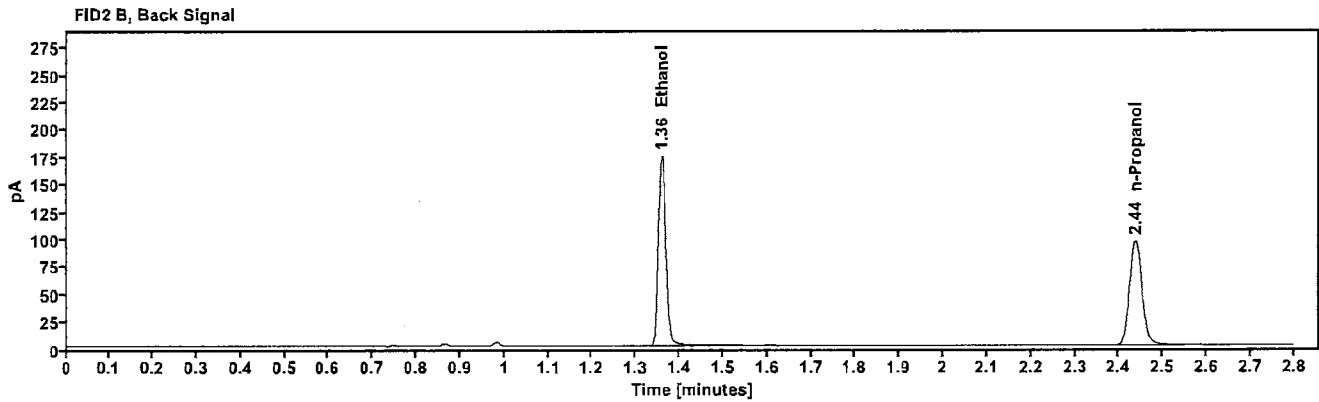
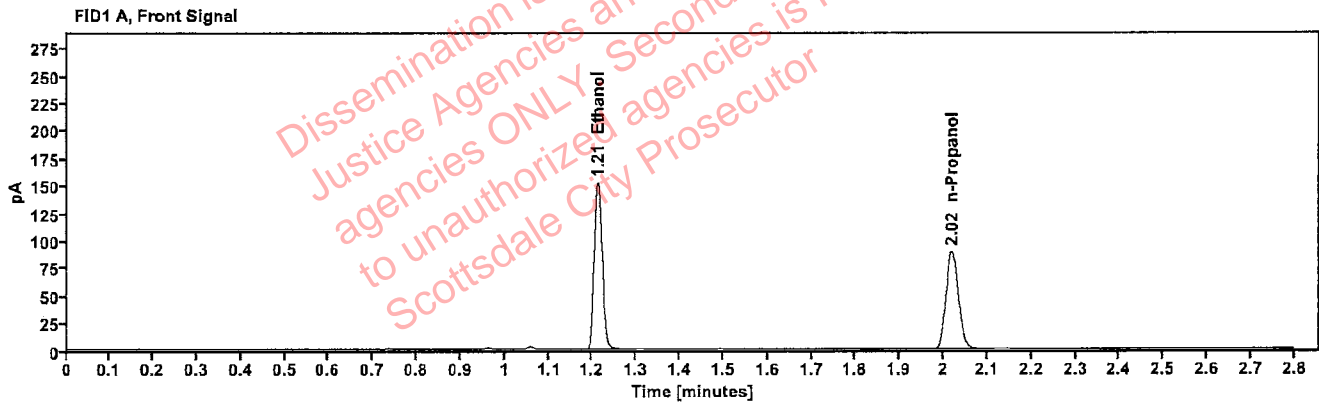


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3065	1.212	193.594
n-Propanol	-----	2.019	177.186

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

Compound	Time (min)	Peak Area
Ethanol	1.359	211.503
n-Propanol	2.437	190.841

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221583-2	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 2:31:06 PM
Data file:	C:\Chem32\1\Data\29Nov22\35.D	Analyst:	Brooke

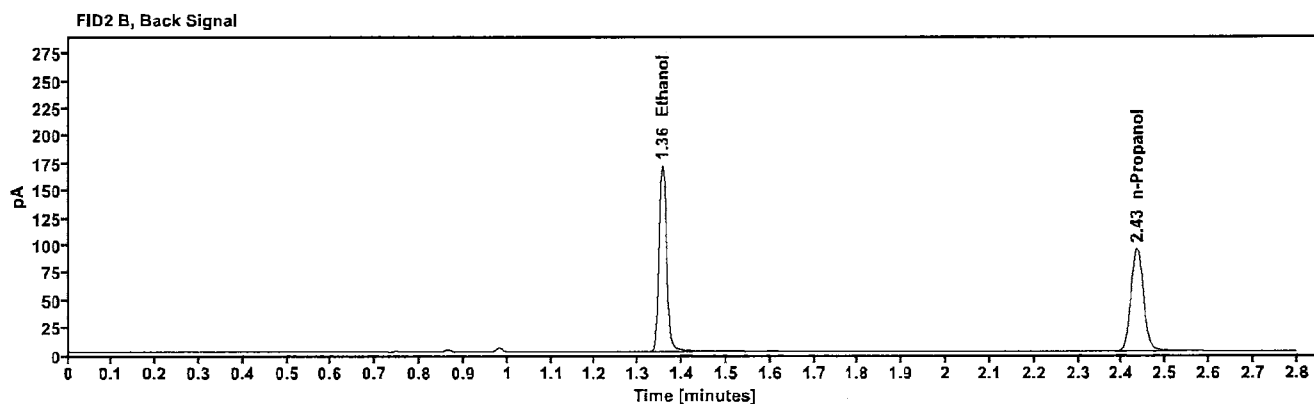
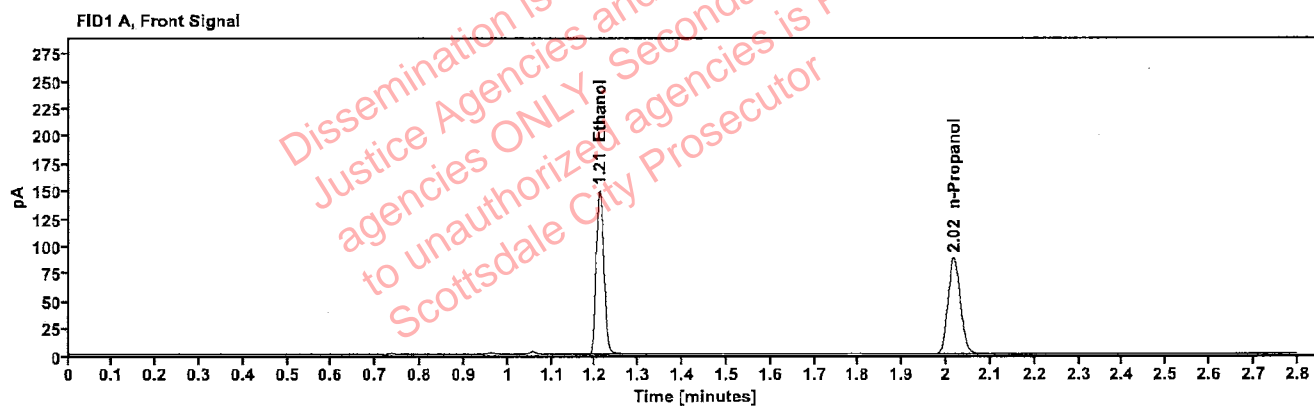


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3025	1.210	188.093
n-Propanol	-----	2.017	174.414

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

Compound	Time (min)	Peak Area
Ethanol	1.355	205.552
n-Propanol	2.434	187.861

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222737-2	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 2:35:05 PM
Data file:	C:\Chem32\1\Data\29Nov22\36.D	Analyst:	Brooke

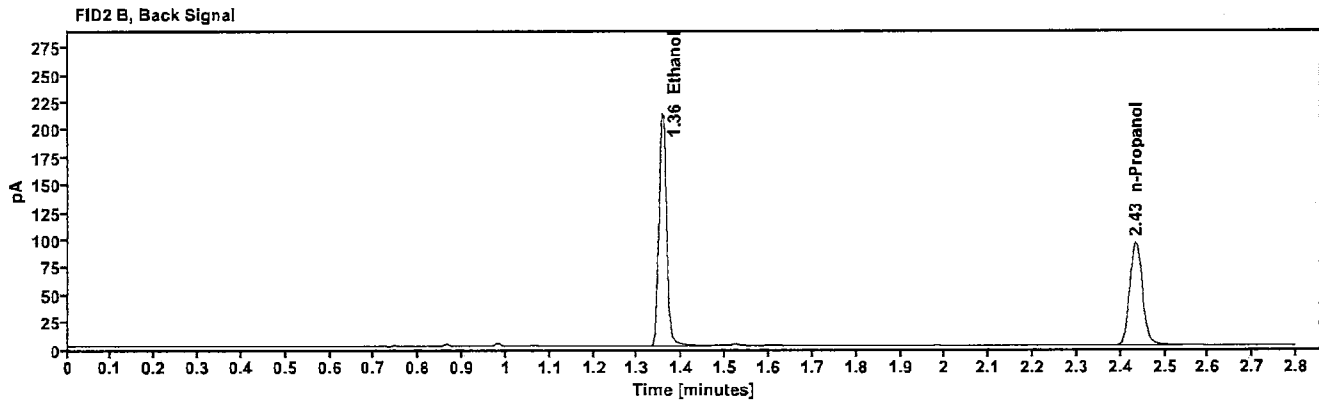
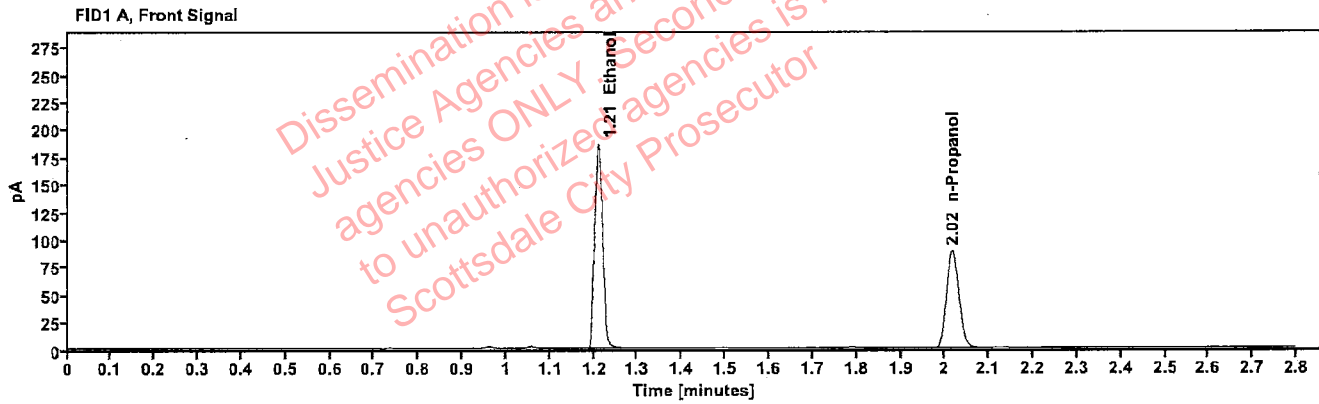


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3759	1.210	235.059
n-Propanol	----	2.017	175.272

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

Compound	Time (min)	Peak Area
Ethanol	1.355	256.996
n-Propanol	2.434	188.623

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222737-2	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 2:39:20 PM
Data file:	C:\Chem32\1\Data\29Nov22\37.D	Analyst:	Brooke

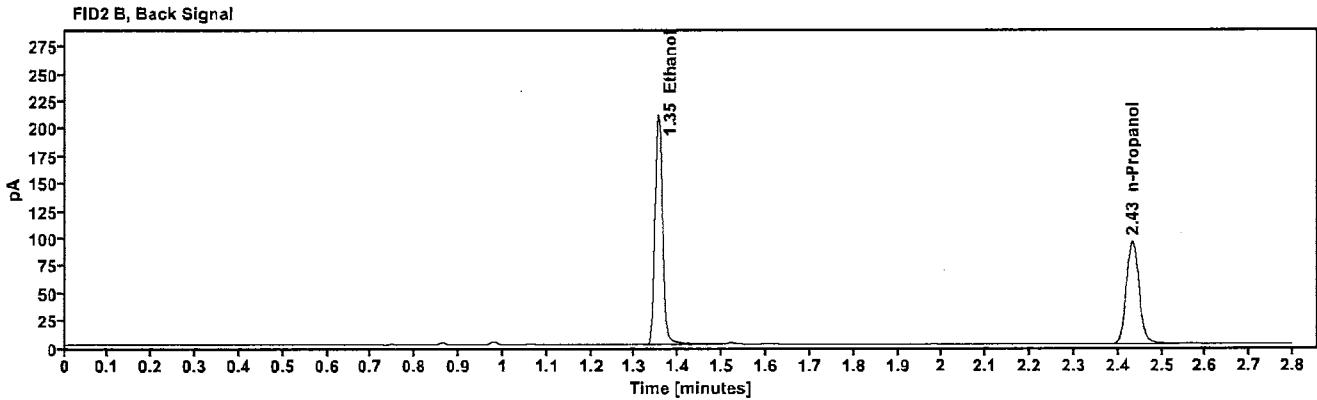
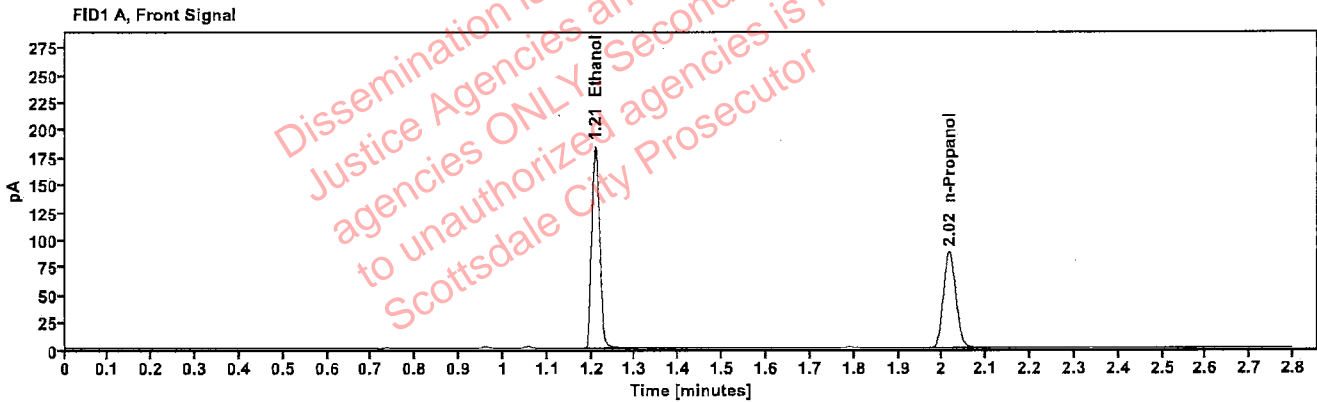


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3738	1.209	232.195
n-Propanol	-----	2.016	174.112

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

Compound	Time (min)	Peak Area
Ethanol	1.354	253.791
n-Propanol	2.432	187.613

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222923-2	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 2:43:20 PM
Data file:	C:\Chem32\1\Data\29Nov22\38.D	Analyst:	Brooke

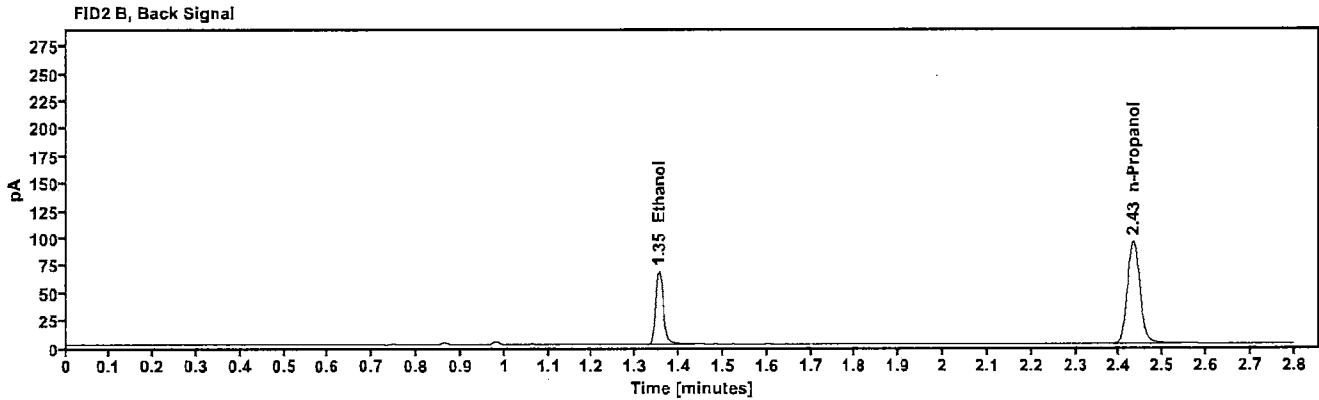
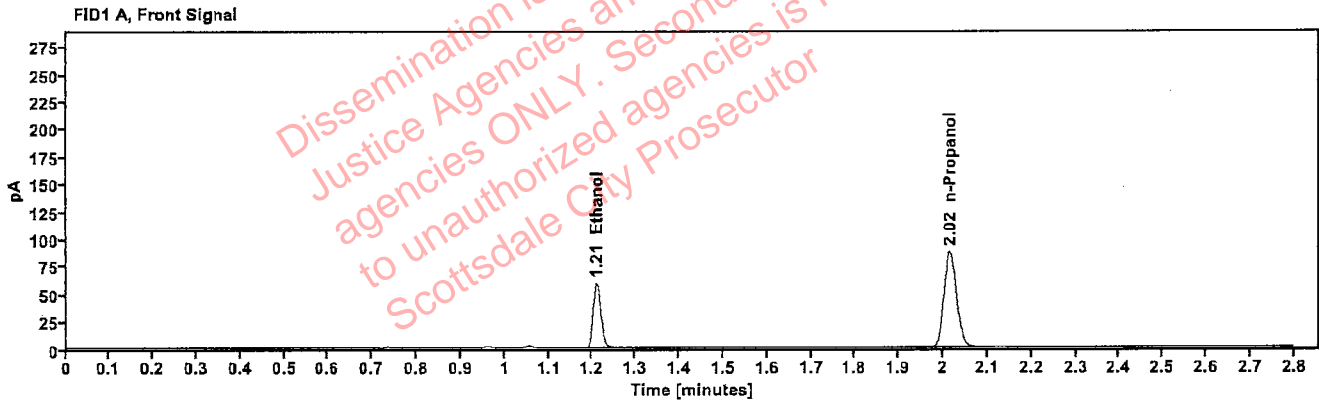


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1216	1.209	74.706
n-Propanol	---	2.016	173.477

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

Compound	Time (min)	Peak Area
Ethanol	1.354	80.859
n-Propanol	2.432	187.384

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222923-2	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/29/2022 2:47:20 PM
Data file:	C:\Chem32\1\Data\29Nov22\39.D	Analyst:	Brooke

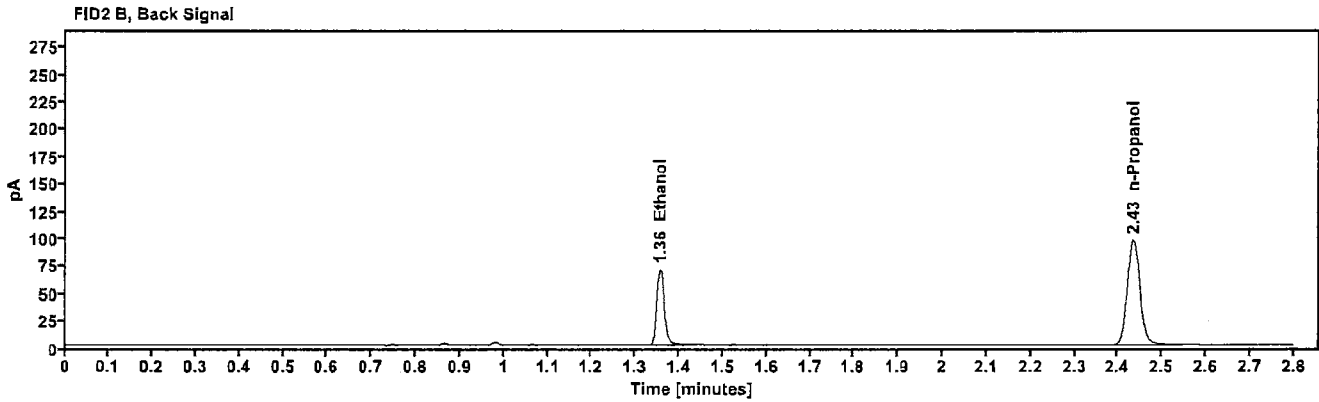
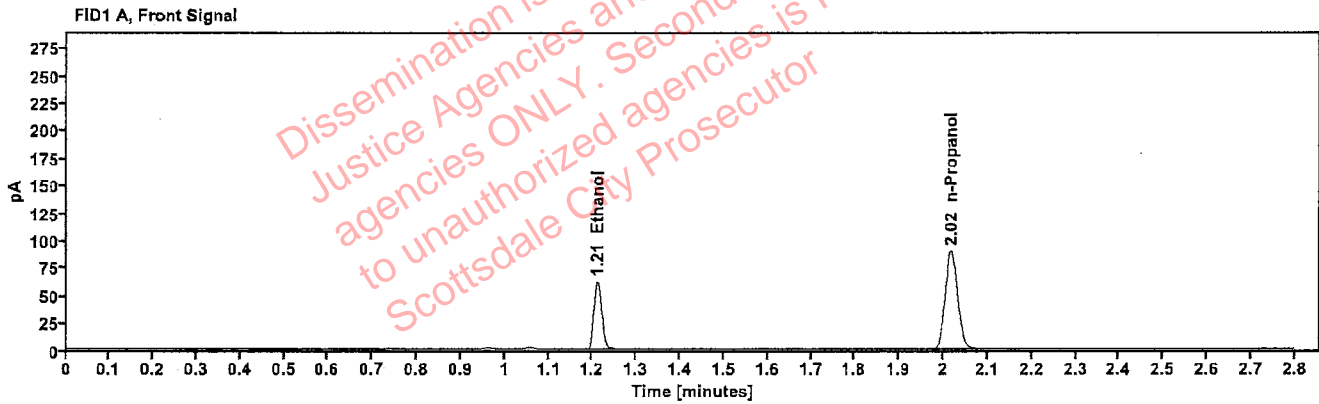


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1234	1.211	77.694
n-Propanol	---	2.017	177.720

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

Compound	Time (min)	Peak Area
Ethanol	1.356	84.215
n-Propanol	2.434	191.724