

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 11/23/2021 SEQUENCE NAME 23Nov21

**EQUIPMENT**

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

**INSTRUMENT CALIBRATION**

Vial 1 0.02 calibrator Lot FN06141806 Coefficient of determination (r<sup>2</sup>)  
 Vial 2 0.10 calibrator Lot FN05311902 0.99995  
 Vial 3 0.20 calibrator Lot FN05101903  
 Vial 4 0.40 calibrator Lot FN10051906

**CALIBRATION VERIFICATION AND RESOLUTION TEST**

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 100421AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.199 g/dL	ACQ 4110320133/2
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
42	Aqueous control	0.400 g/dL	0.399 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	0.203 g/dL	ACQ 4110320133/2
45	Blank	Not detected	Not detected	SPD lab 111020WB

**SUBJECT SAMPLES**

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

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

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

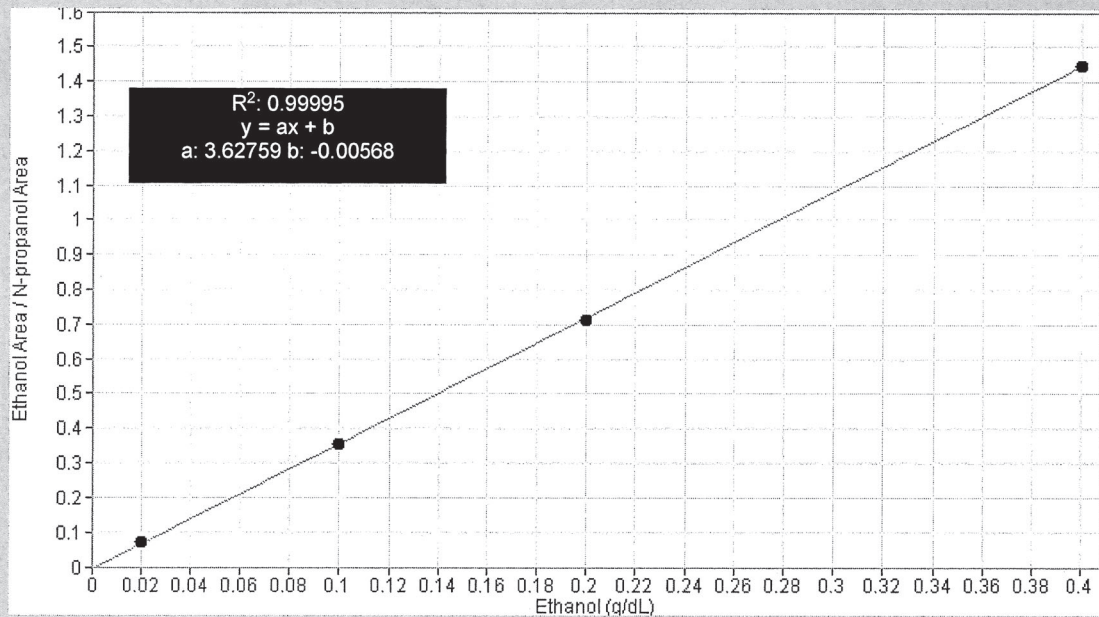
SEQUENCE NAME: 23Nov21

ANALYST: Abbott *AK*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 100421AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.402	0.400	0.50	0.002
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.199 4110320133/2	9	0.199	0.199	0.00	0.000
0.080 20012020-B	20	0.081	0.080	1.25	0.001
0.080 20012020-B	31	0.080	0.080	0.00	0.000
0.400 11092018-A	42	0.399	0.400	0.25	-0.001
0.040 14082019-B	43	0.041	0.040	2.50	0.001
0.199 4110320133/2	44	0.203	0.199	2.01	0.004
blank 111020WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.936	170.150	0.070
0.100	60.539	169.576	0.357
0.200	119.964	168.080	0.714
0.400	243.586	168.191	1.448

### Calibration Line





# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN06141806	<b>Vial:</b> 1
<b>Description:</b> 0.020 calibrator	<b>Sequence:</b> 23Nov21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/23/2021 2:16:13 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>MA</i>
<b>Data file:</b> C:\Chem32\1\Data\23Nov21\1.D	

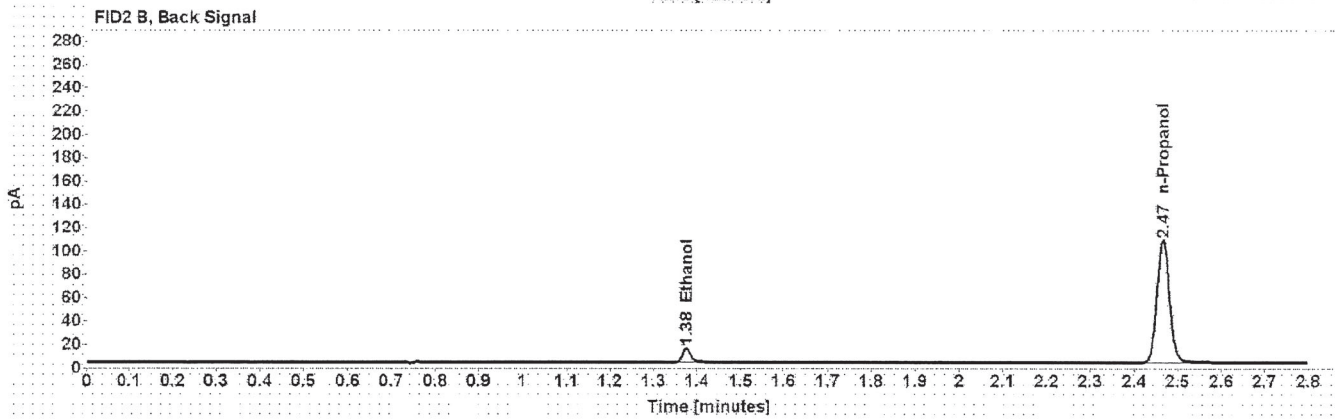
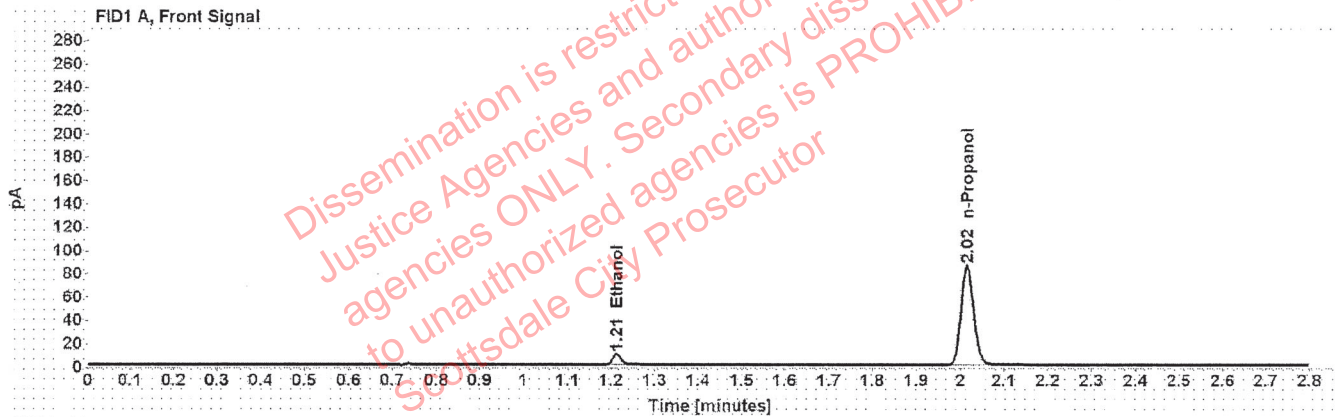


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	11.936
n-Propanol	2.016	170.150

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

Compound	Time (min)	Peak Area
Ethanol	1.375	14.854
n-Propanol	2.466	210.664

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05311902	<b>Vial:</b> 2
<b>Description:</b> 0.100 calibrator	<b>Sequence:</b> 23Nov21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/23/2021 2:20:13 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>JA</i>
<b>Data file:</b> C:\Chem32\1\Data\23Nov21\2.D	

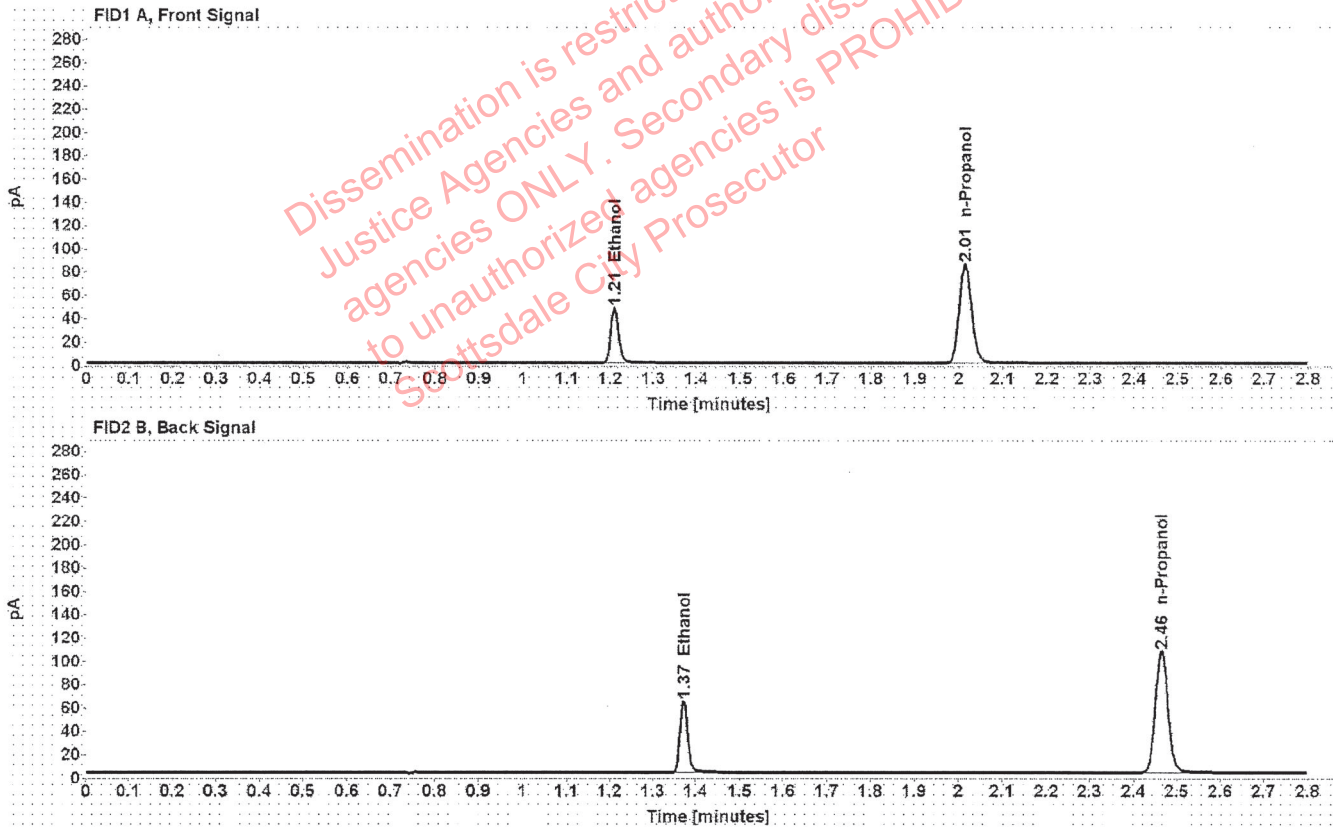


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	60.539
n-Propanol	2.015	169.576

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

Compound	Time (min)	Peak Area
Ethanol	1.372	75.538
n-Propanol	2.465	210.015

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05101903	<b>Vial:</b> 3
<b>Description:</b> 0.200 calibrator	<b>Sequence:</b> 23Nov21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/23/2021 2:24:12 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>DA</i>
<b>Data file:</b> C:\Chem32\1\Data\23Nov21\3.D	

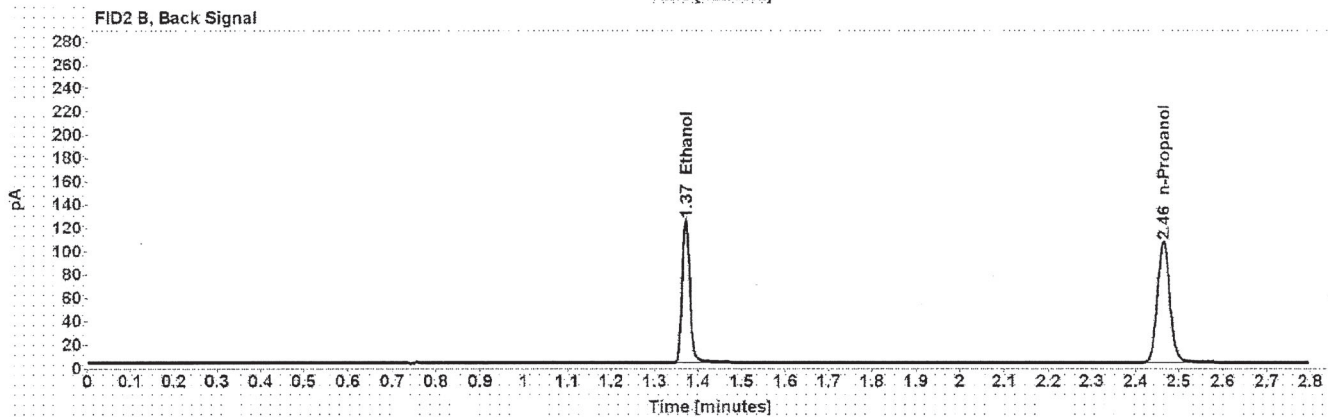
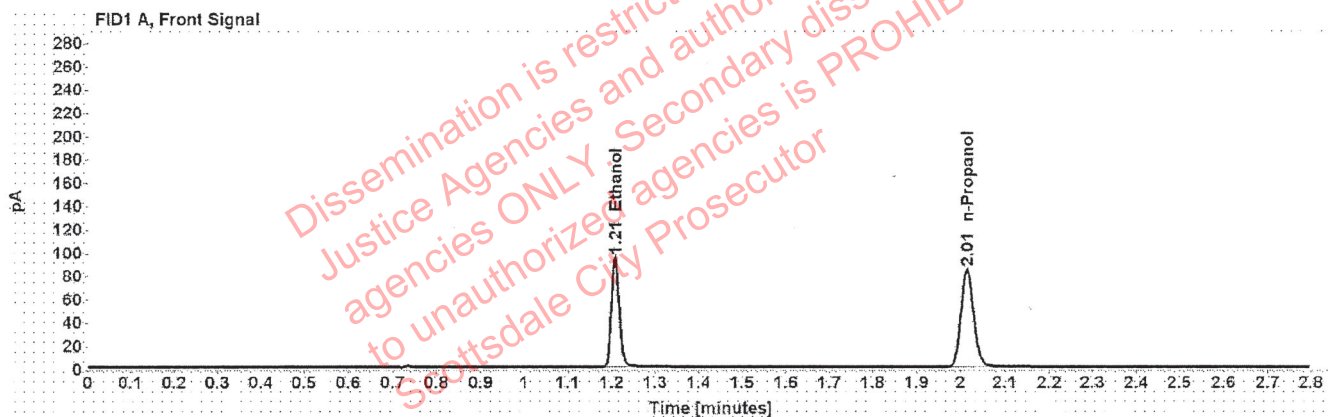


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	119.964
n-Propanol	2.015	168.080

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

Compound	Time (min)	Peak Area
Ethanol	1.371	150.370
n-Propanol	2.464	208.419



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN10051906	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 23Nov21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/23/2021 2:28:13 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>JA</i>
<b>Data file:</b> C:\Chem32\1\Data\23Nov21\4.D	

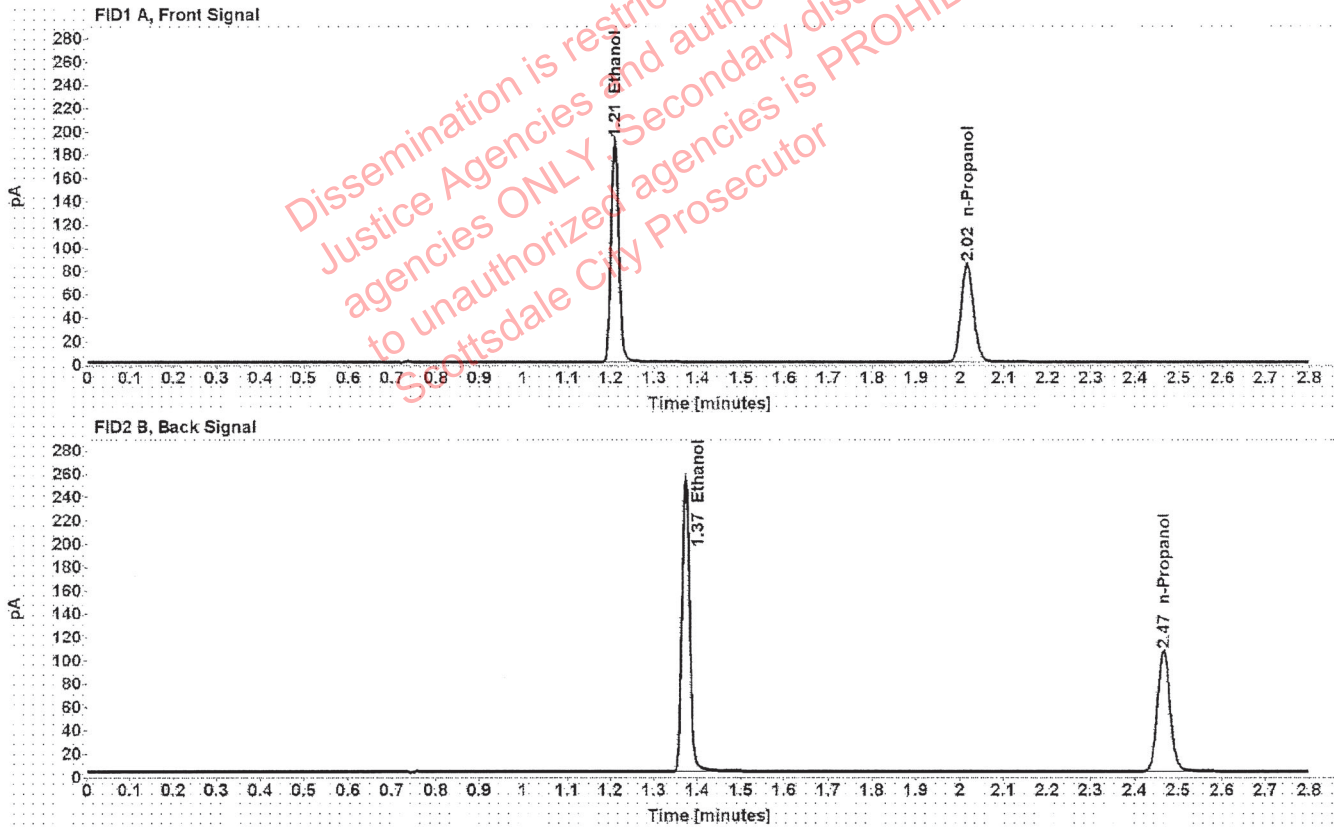


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	243.586
n-Propanol	2.016	168.191

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

Compound	Time (min)	Peak Area
Ethanol	1.373	305.660
n-Propanol	2.466	208.566

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 100421AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 23Nov21
Instrument: US14173023 CN14160045	Injection date: 11/23/2021 2:32:13 PM
Data file: C:\Chem32\1\Data\23Nov21\5.D	Analyst: Abbott <i>JA</i>

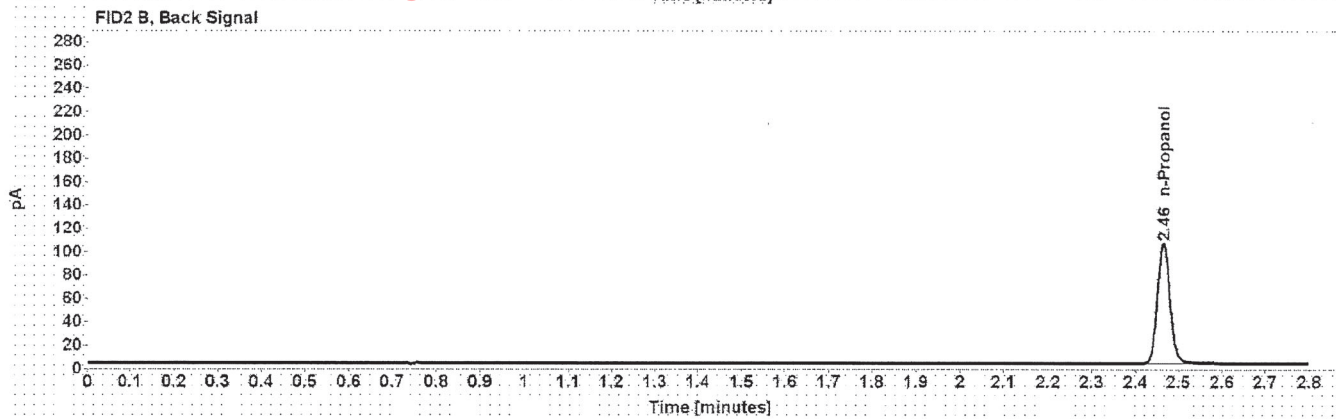
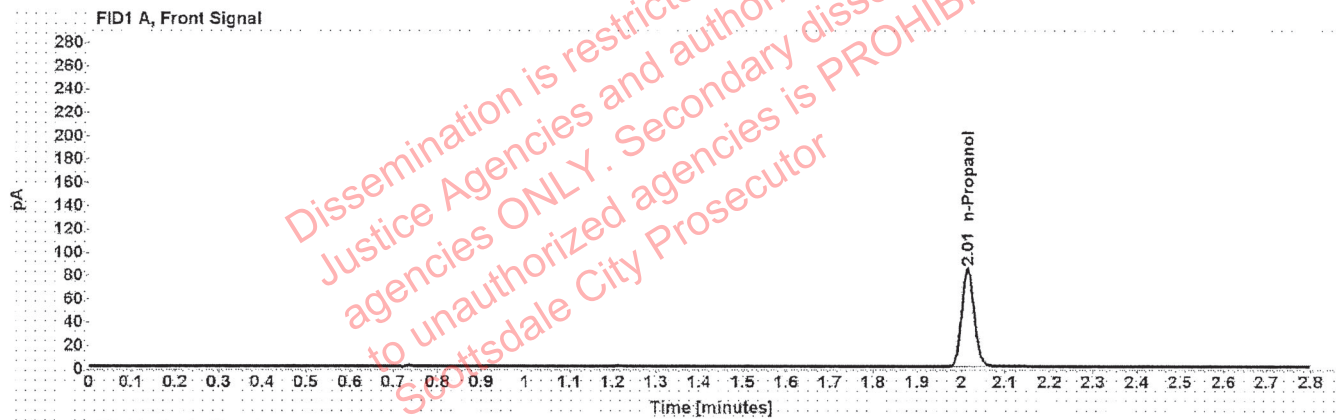


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	167.693

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

Compound	Time (min)	Peak Area
n-Propanol	2.465	208.016

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 2:36:12 PM
Data file:	C:\Chem32\1\Data\23Nov21\6.D	Analyst:	Abbott <span style="float: right;">DA</span>

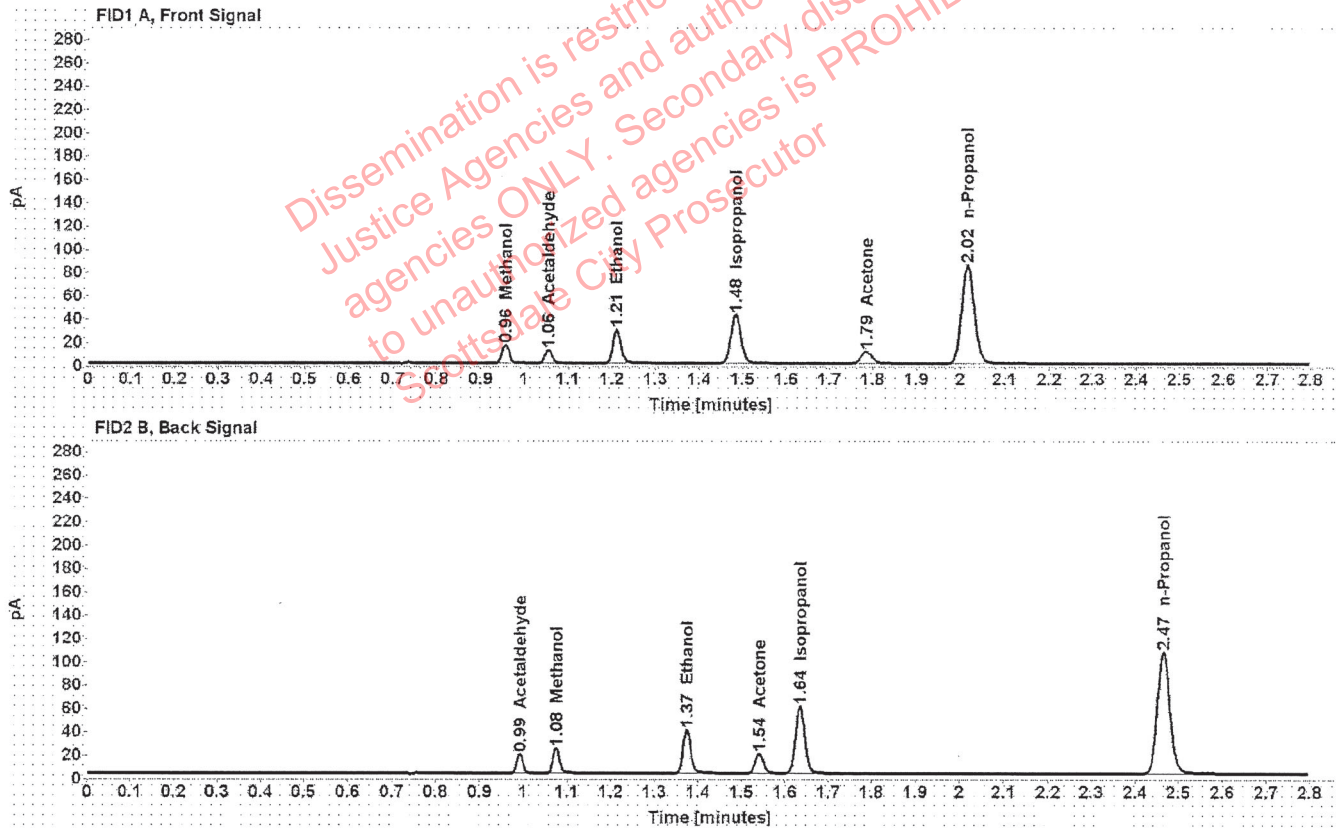


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	17.699
Acetaldehyde	-----	1.055	12.414
>Ethanol	0.0619	1.211	37.084
Isopropanol	-----	1.484	67.343
Acetone	-----	1.785	17.489
n-Propanol	-----	2.016	169.377

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	16.211
Methanol	1.076	22.778
Ethanol	1.374	46.265
Acetone	1.541	21.970
Isopropanol	1.635	86.378
n-Propanol	2.466	210.272



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 23Nov21
Instrument: US14173023 CN14160045	Injection date: 11/23/2021 2:40:28 PM
Data file: C:\Chem32\1\Data\23Nov21\7.D	Analyst: Abbott <i>JA</i>

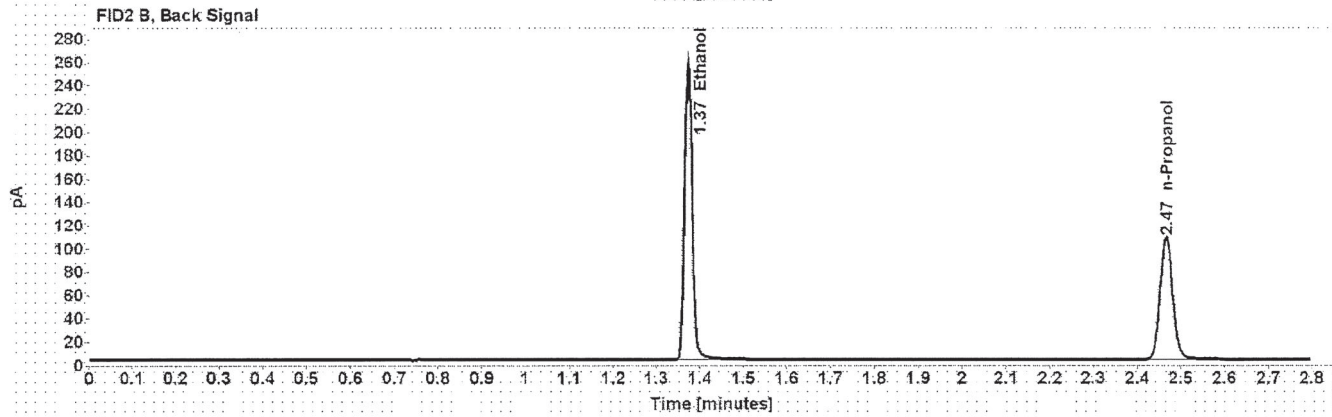
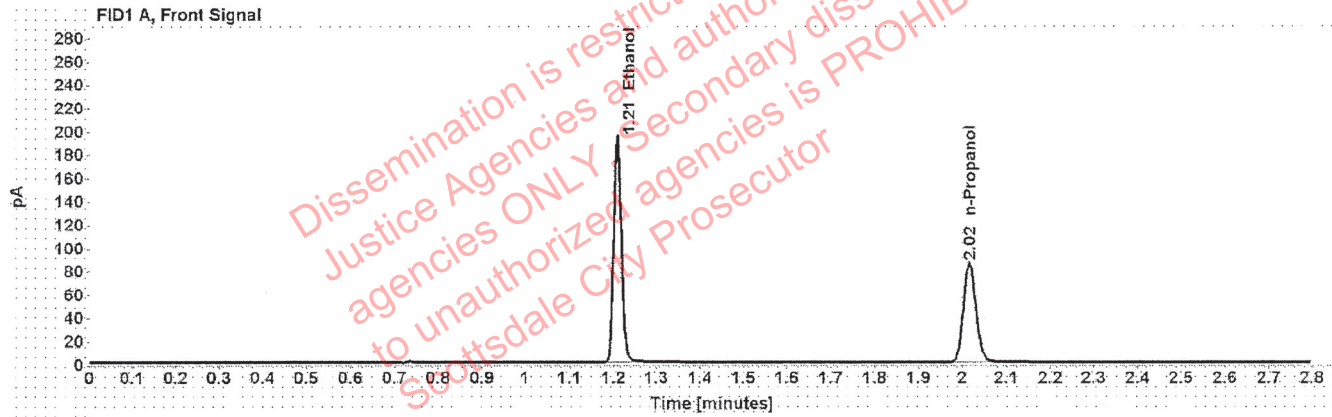


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4027	1.209	247.455
n-Propanol	-----	2.016	170.065

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

Compound	Time (min)	Peak Area
Ethanol	1.373	311.105
n-Propanol	2.466	211.265

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 23Nov21
Instrument: US14173023 CN14160045	Injection date: 11/23/2021 2:44:28 PM
Data file: C:\Chem32\1\Data\23Nov21\8.D	Analyst: Abbott <span style="float: right;">PA</span>

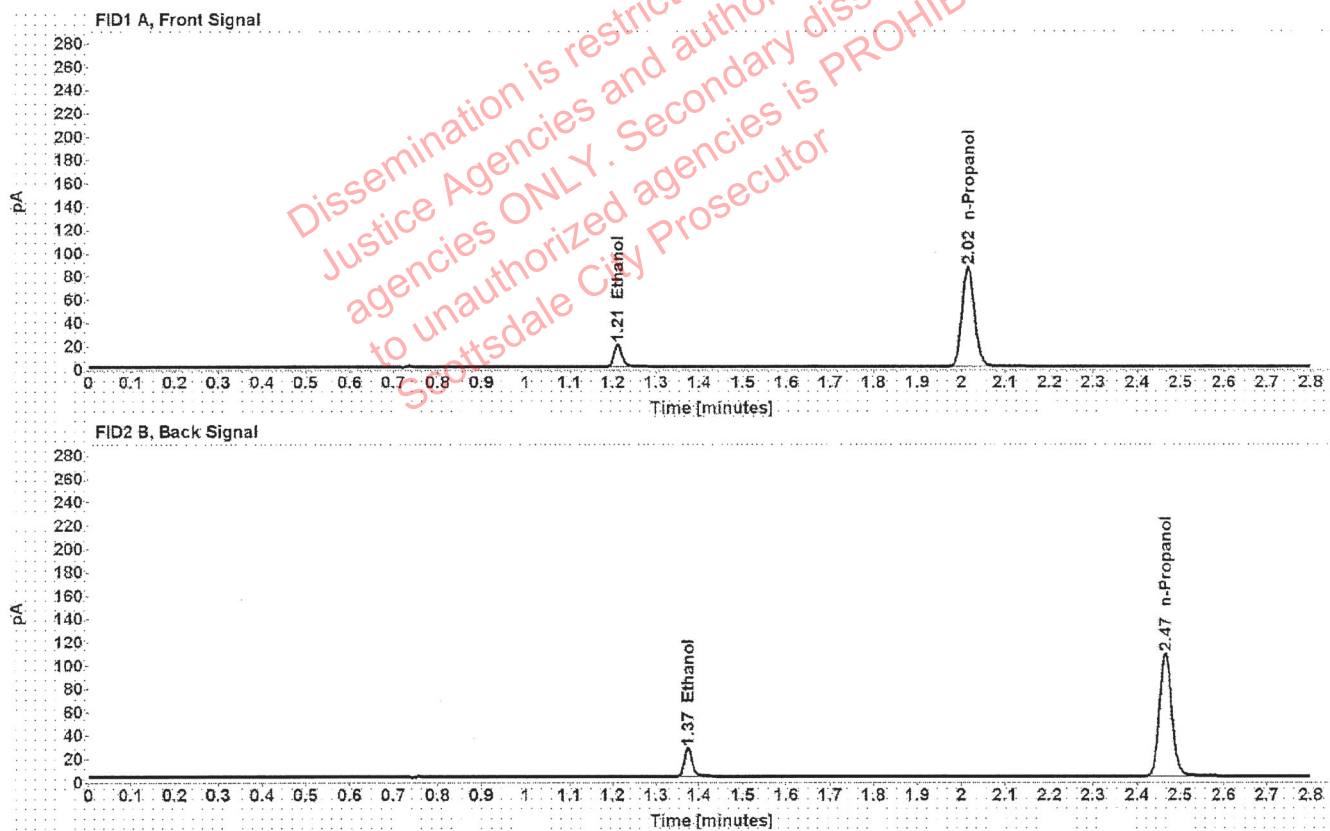


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.211	24.438
n-Propanol	-----	2.016	170.317

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.480
n-Propanol	2.466	211.751

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/2	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 23Nov21
Instrument: US14173023 CN14160045	Injection date: 11/23/2021 2:48:27 PM
Data file: C:\Chem32\1\Data\23Nov21\9.D	Analyst: Abbott <i>JA</i>

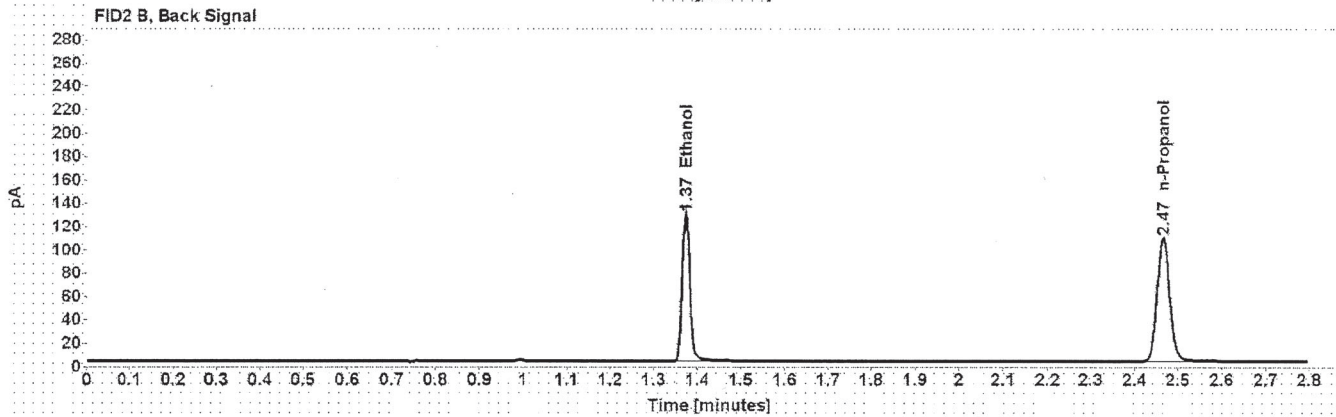
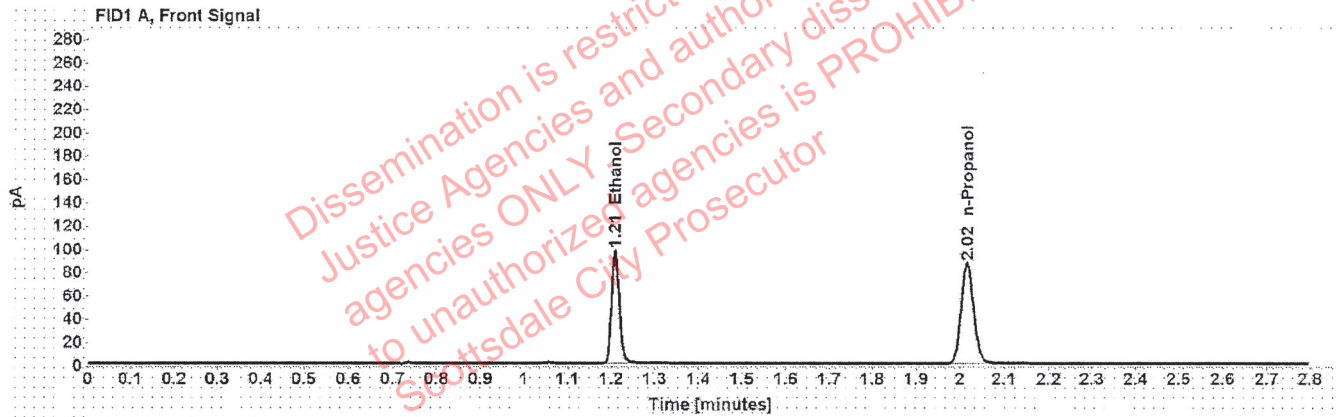


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1999	1.210	123.931
n-Propanol	-----	2.016	172.269

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

Compound	Time (min)	Peak Area
Ethanol	1.373	155.874
n-Propanol	2.466	214.550



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 23Nov21
Instrument: US14173023 CN14160045	Injection date: 11/23/2021 3:32:58 PM
Data file: C:\Chem32\1\Data\23Nov21\20.D	Analyst: Abbott <i>JA</i>

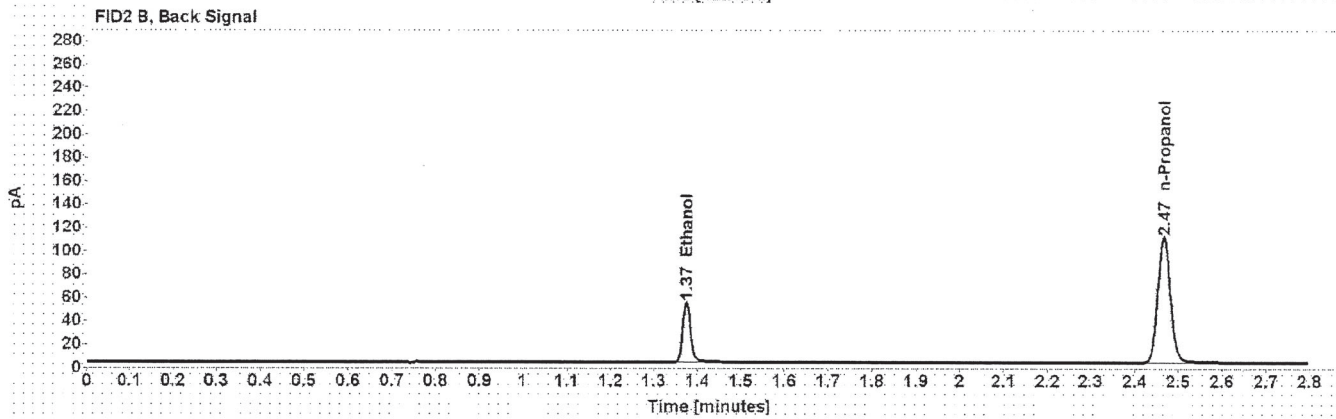
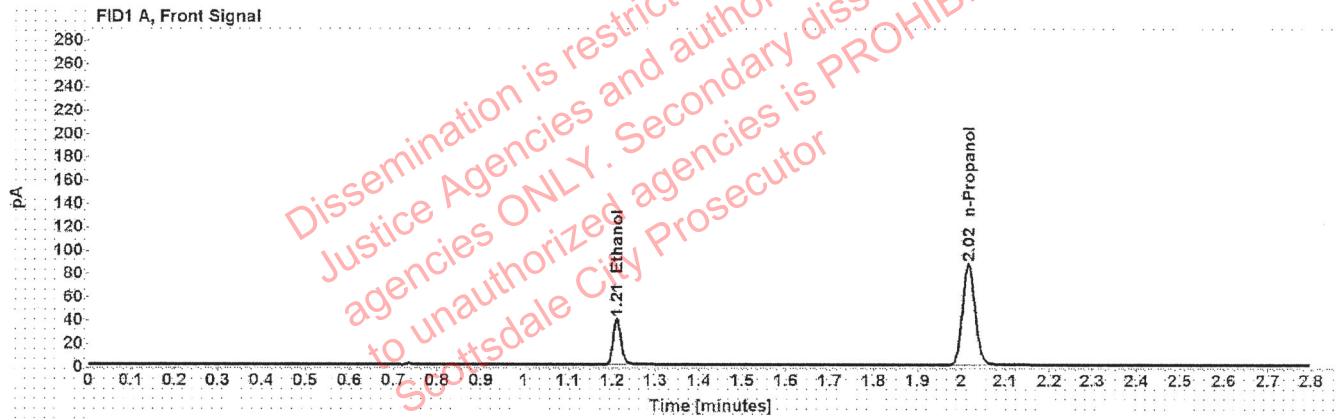


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0816	1.211	50.504
n-Propanol	-----	2.016	173.951

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

Compound	Time (min)	Peak Area
Ethanol	1.375	63.573
n-Propanol	2.467	217.326

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 23Nov21
Instrument: US14173023 CN14160045	Injection date: 11/23/2021 4:17:29 PM
Data file: C:\Chem32\1\Data\23Nov21\31.D	Analyst: Abbott <span style="float: right;">DA</span>

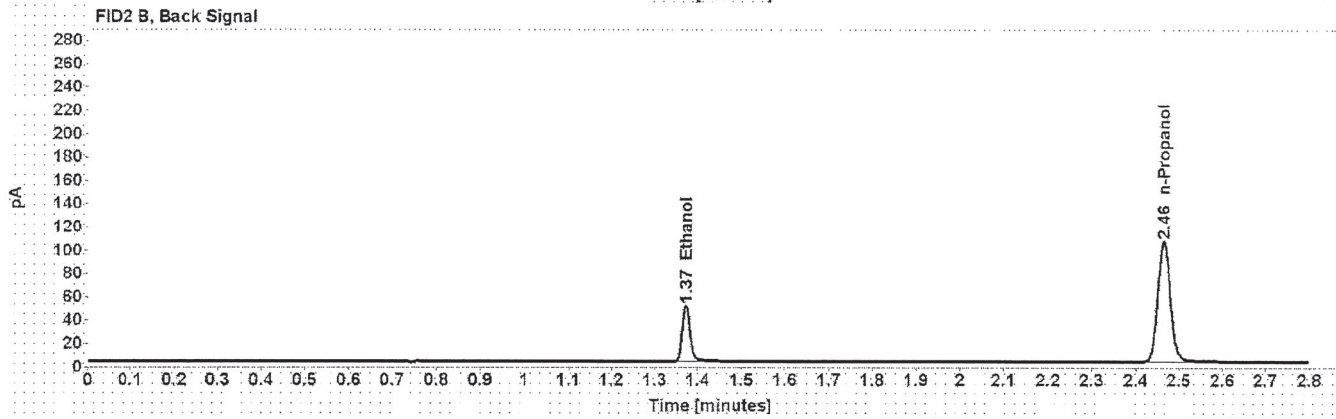
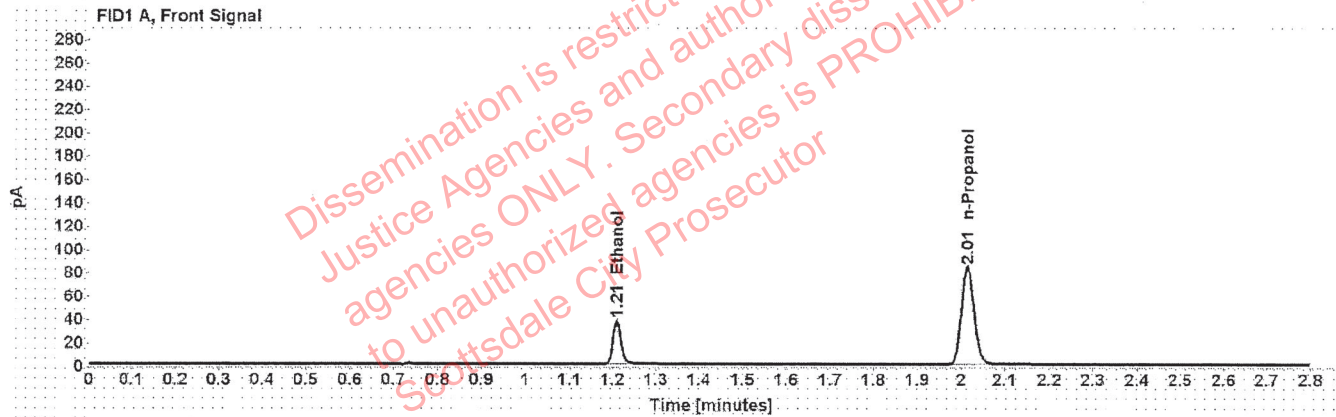


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0802	1.210	47.803
n-Propanol	-----	2.015	167.537

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

Compound	Time (min)	Peak Area
Ethanol	1.372	59.997
n-Propanol	2.465	209.635

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 5:01:43 PM
Data file:	C:\Chem321\Data\23Nov21\42.D	Analyst:	Abbott <span style="float: right;">[Signature]</span>

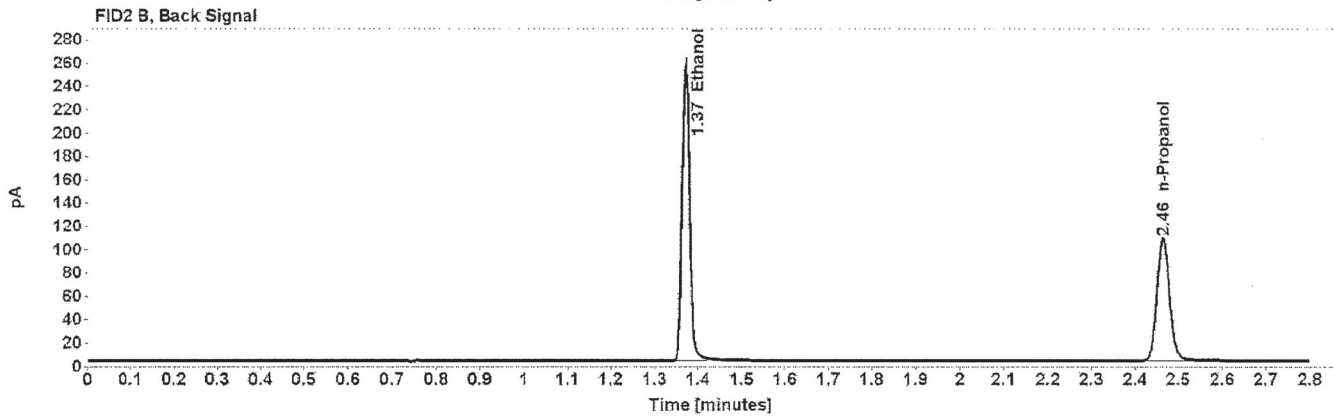
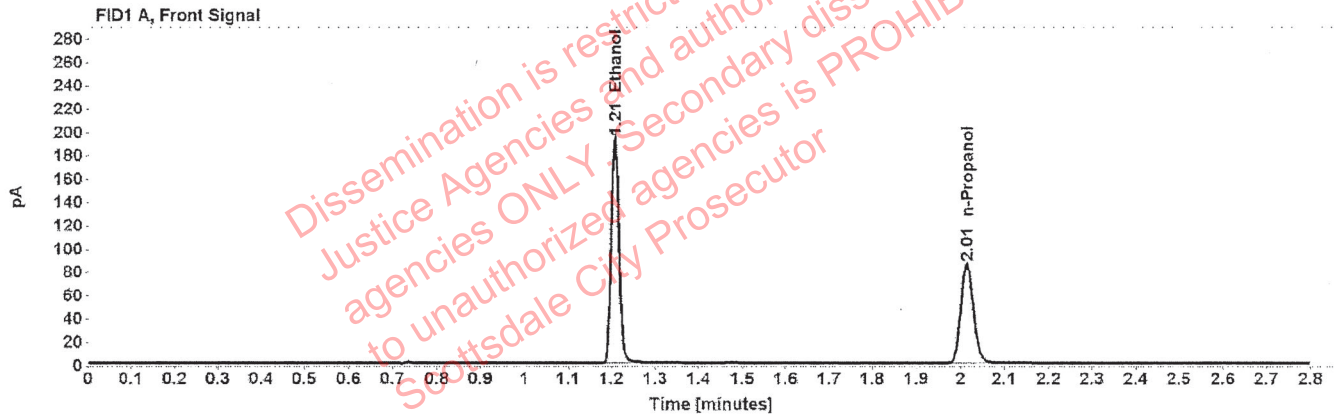


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3997	1.208	245.776
n-Propanol	-----	2.015	170.159

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

Compound	Time (min)	Peak Area
Ethanol	1.371	310.961
n-Propanol	2.464	213.253



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 23Nov21
Instrument: US14173023 CN14160045	Injection date: 11/23/2021 5:06:00 PM
Data file: C:\Chem32\1\Data\23Nov21\43.D	Analyst: Abbott <span style="float: right;">DA</span>

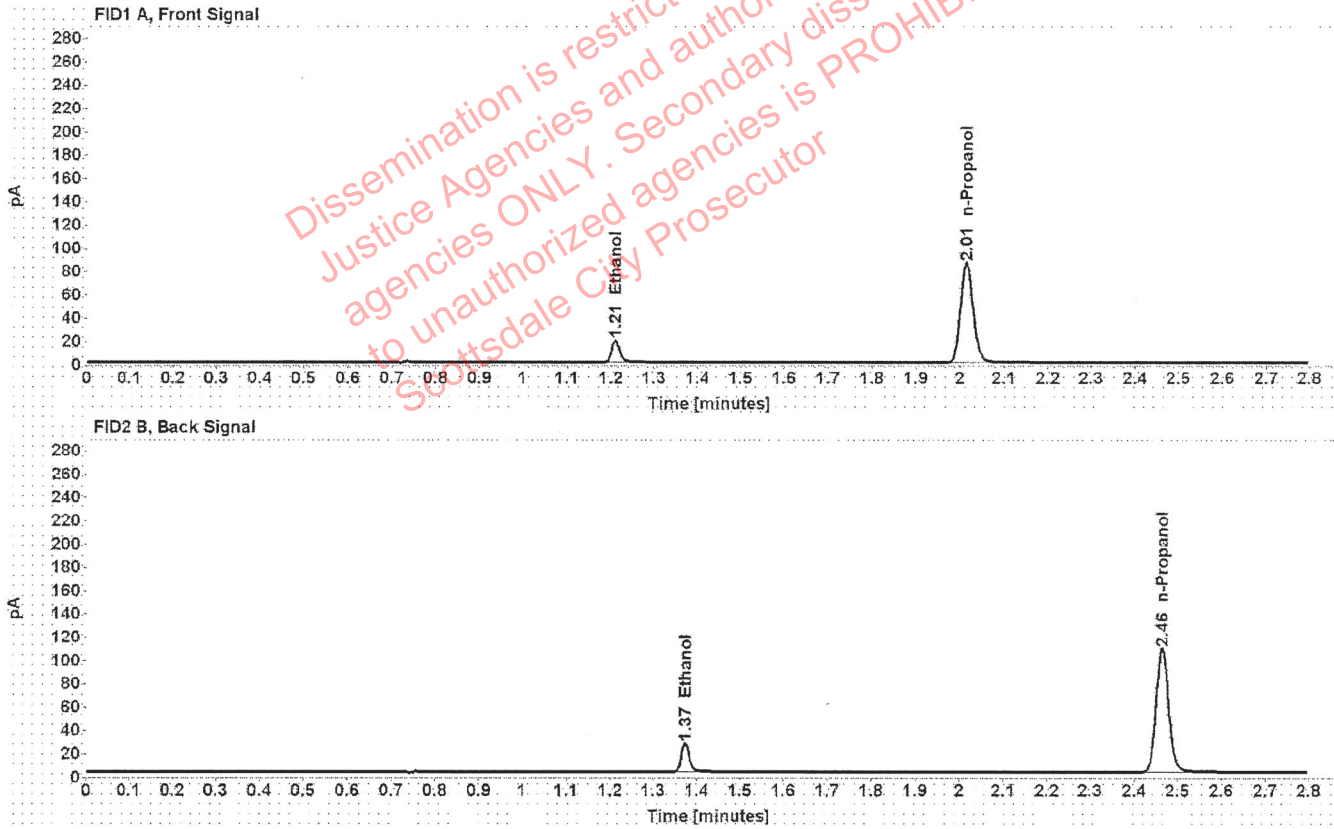


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.211	24.561
n-Propanol	-----	2.015	171.143

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

Compound	Time (min)	Peak Area
Ethanol	1.373	30.757
n-Propanol	2.465	214.043

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/2	Vial: 44
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 23Nov21
Instrument: US14173023 CN14160045	Injection date: 11/23/2021 5:09:59 PM
Data file: C:\Chem32\1\Data\23Nov21\44.D	Analyst: Abbott <i>JA</i>

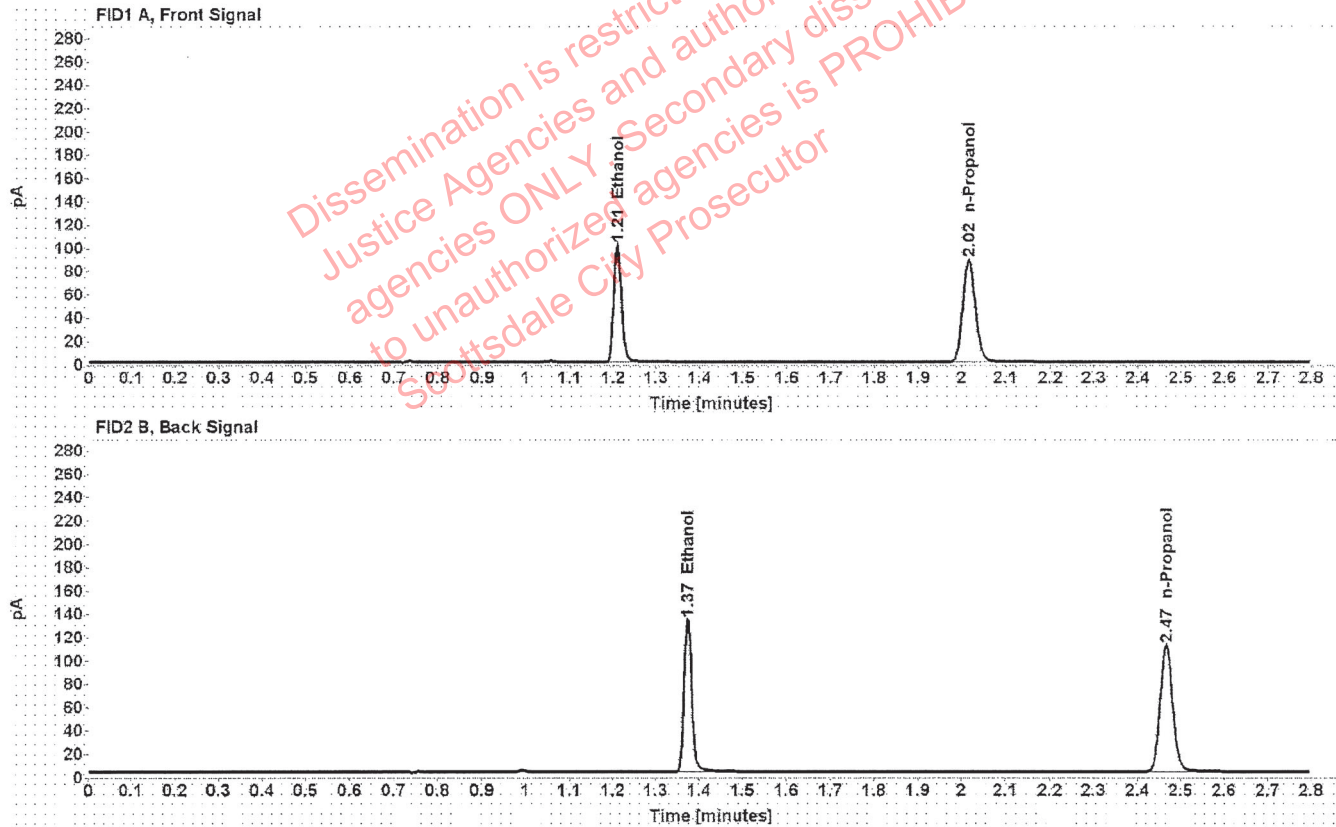


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2035	1.210	128.533
n-Propanol	-----	2.016	175.461

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

Compound	Time (min)	Peak Area
Ethanol	1.374	162.451
n-Propanol	2.467	219.772

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111020WB	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 5:13:58 PM
Data file:	C:\Chem32\1\Data\23Nov21\45.D	Analyst:	Abbott

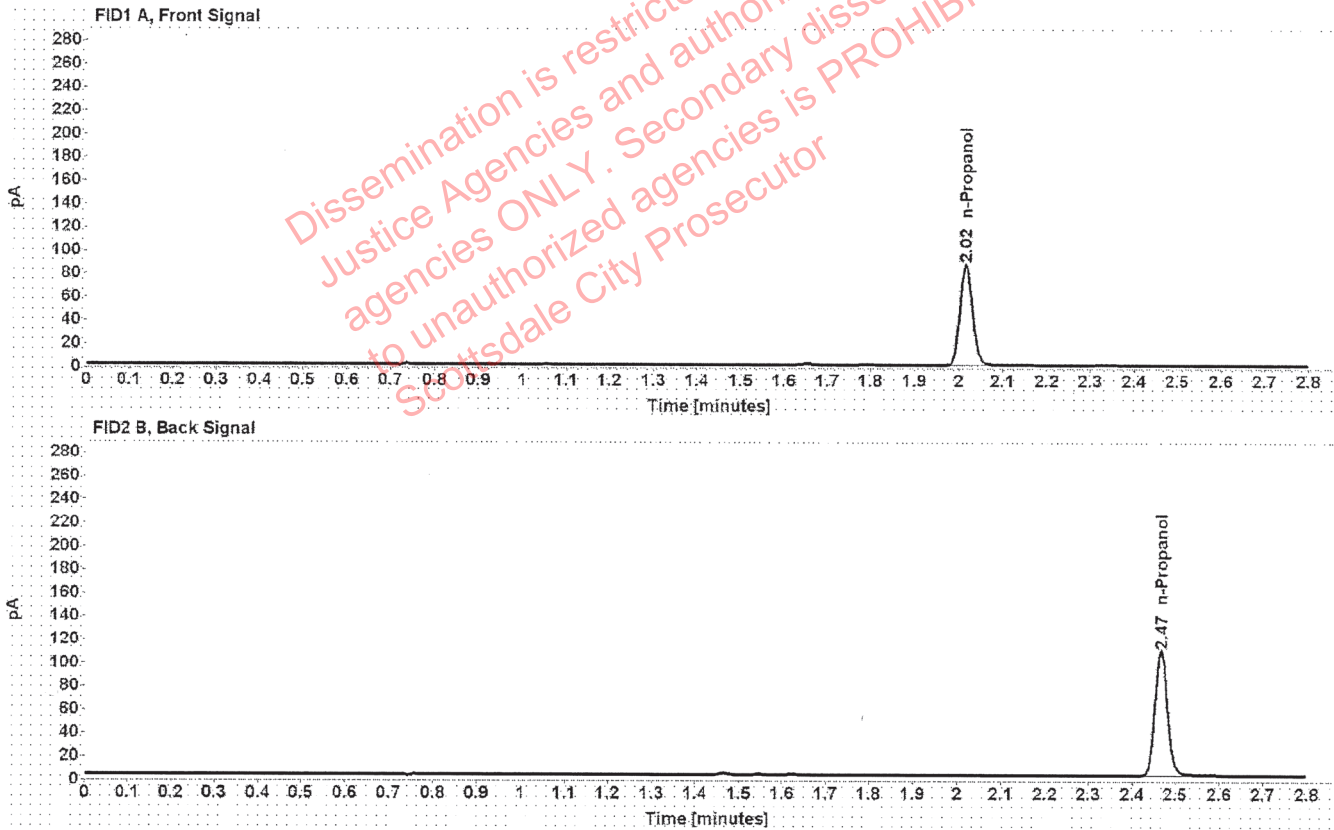


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	172.770

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	216.600

# Sequence Summary

Sequence name: 23Nov21      Instrument: US14173023 CN14160045      Analyst: Abbott *AK*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN05101903	0.200 calibrator	Calibration		ethanol quant.M
4	FN10051906	0.400 calibrator	Calibration		ethanol quant.M
5	100421AQ	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	4110320133/2	0.199	Control		ethanol quant.M
10	1396519		Sample		ethanol quant.M
11	1396519		Sample		ethanol quant.M
12	1371548		Sample		ethanol quant.M
13	1371548		Sample		ethanol quant.M
14	1395281		Sample		ethanol quant.M
15	1395281		Sample		ethanol quant.M
16	1396965		Sample		ethanol quant.M
17	1396965		Sample		ethanol quant.M
18	1396976		Sample		ethanol quant.M
19	1396976		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	1397436		Sample		ethanol quant.M
22	1397436		Sample		ethanol quant.M
23	1397464		Sample		ethanol quant.M
24	1397464		Sample		ethanol quant.M
25	1394760		Sample		ethanol quant.M
26	1394760		Sample		ethanol quant.M
27	32701MB		Sample		ethanol quant.M
28	32701MB		Sample		ethanol quant.M
29	37101JL		Sample		ethanol quant.M
30	37101JL		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	1321053		Sample		ethanol quant.M
33	1321053		Sample		ethanol quant.M
34	1397412		Sample		ethanol quant.M
35	1397412		Sample		ethanol quant.M
36	1397323		Sample		ethanol quant.M
37	1397323		Sample		ethanol quant.M
38	1397318		Sample		ethanol quant.M
39	1397318		Sample		ethanol quant.M
40	1397321		Sample		ethanol quant.M
41	1397321		Sample		ethanol quant.M
42	11092018-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	4110320133/2	0.199	Control		ethanol quant.M
45	111020WB	Negative	Control		ethanol quant.M

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



# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 23Nov21

ANALYST: Abbott GA

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1382	0.1377	0.13795	0.18	0.00025
12 13	0.1286	0.1279	0.12825	0.27	0.00035
14 15	0.2531	0.2528	0.25295	0.06	0.00015
16 17	0.0000	0.0000	0.00000	0.00	0.00000
18 19	0.1432	0.1430	0.14310	0.07	0.00010
21 22	0.1738	0.1750	0.17440	0.34	0.00060
23 24	0.3347	0.3352	0.33495	0.07	0.00025
25 26	0.0934	0.0926	0.09300	0.43	0.00040
27 28	0.0427	0.0425	0.04260	0.23	0.00010
29 30	0.2161	0.2147	0.21540	0.32	0.00070
32 33	0.1513	0.1495	0.15040	0.60	0.00090
34 35	0.1179	0.1159	0.11690	0.86	0.00100
36 37	0.1561	0.1571	0.15660	0.32	0.00050
38 39	0.1345	0.1340	0.13425	0.19	0.00025
40 41	0.1079	0.1078	0.10785	0.05	0.00005

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





### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1396519	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 2:52:28 PM
Data file:	C:\Chem32\1\Data\23Nov21\10.D	Analyst:	Abbott

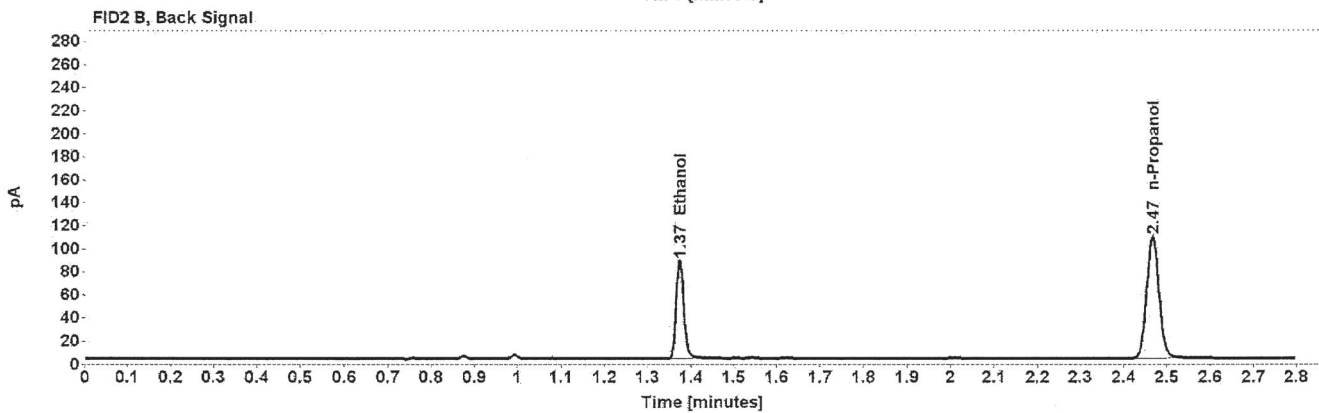
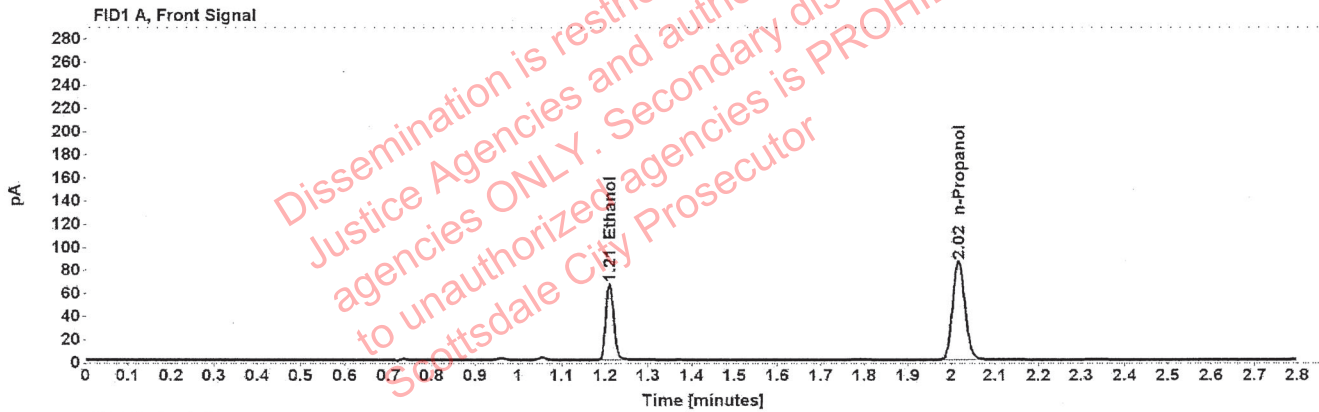


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1382	1.210	84.380
n-Propanol	-----	2.016	170.214

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

Compound	Time (min)	Peak Area
Ethanol	1.374	105.055
n-Propanol	2.467	212.293

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1396519	Vial:	11
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 2:56:29 PM
Data file:	C:\Chem32\1\Data\23Nov21\11.D	Analyst:	Abbott

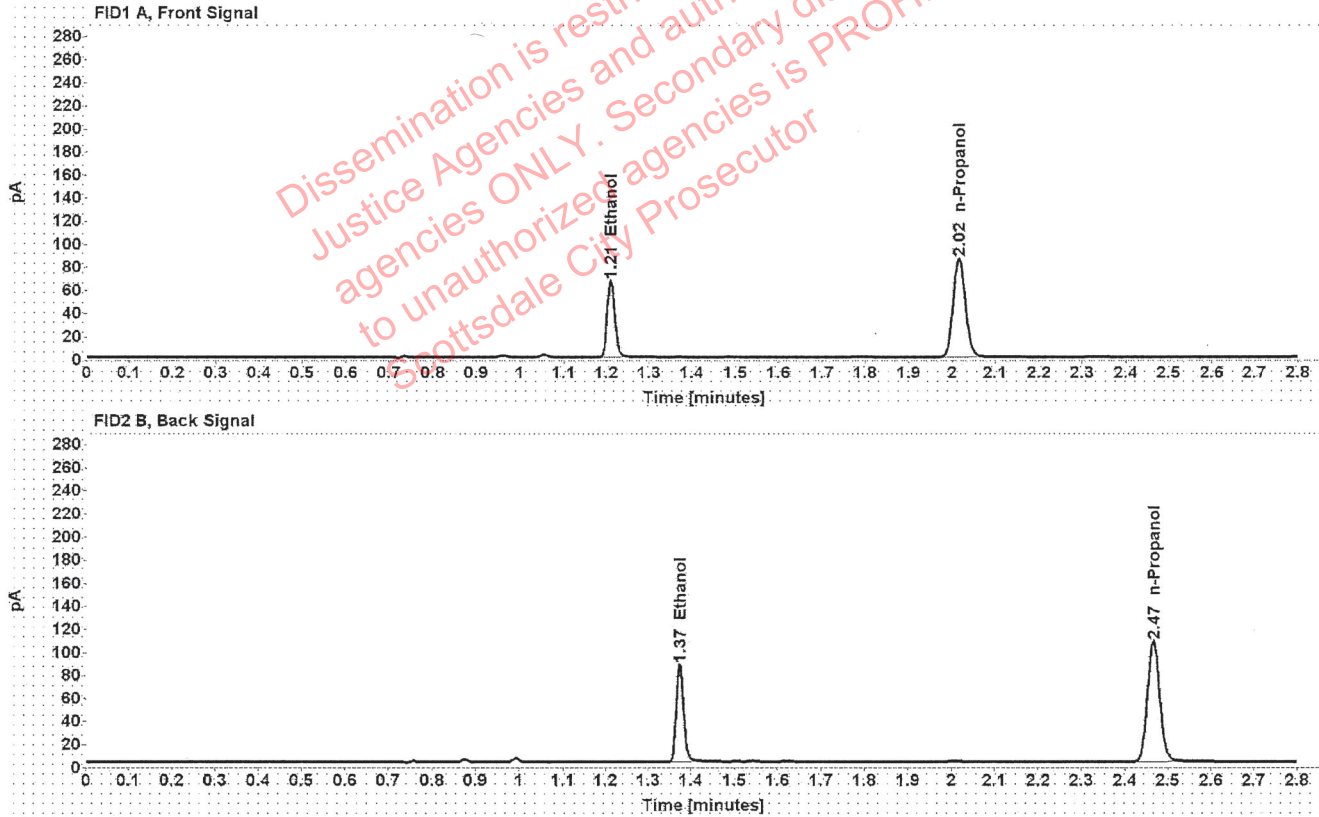


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1377	1.210	83.738
n-Propanol	-----	2.016	169.626

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

Compound	Time (min)	Peak Area
Ethanol	1.374	104.821
n-Propanol	2.467	211.599



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371548	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 3:00:28 PM
Data file:	C:\Chem32\1\Data\23Nov21\12.D	Analyst:	Abbott

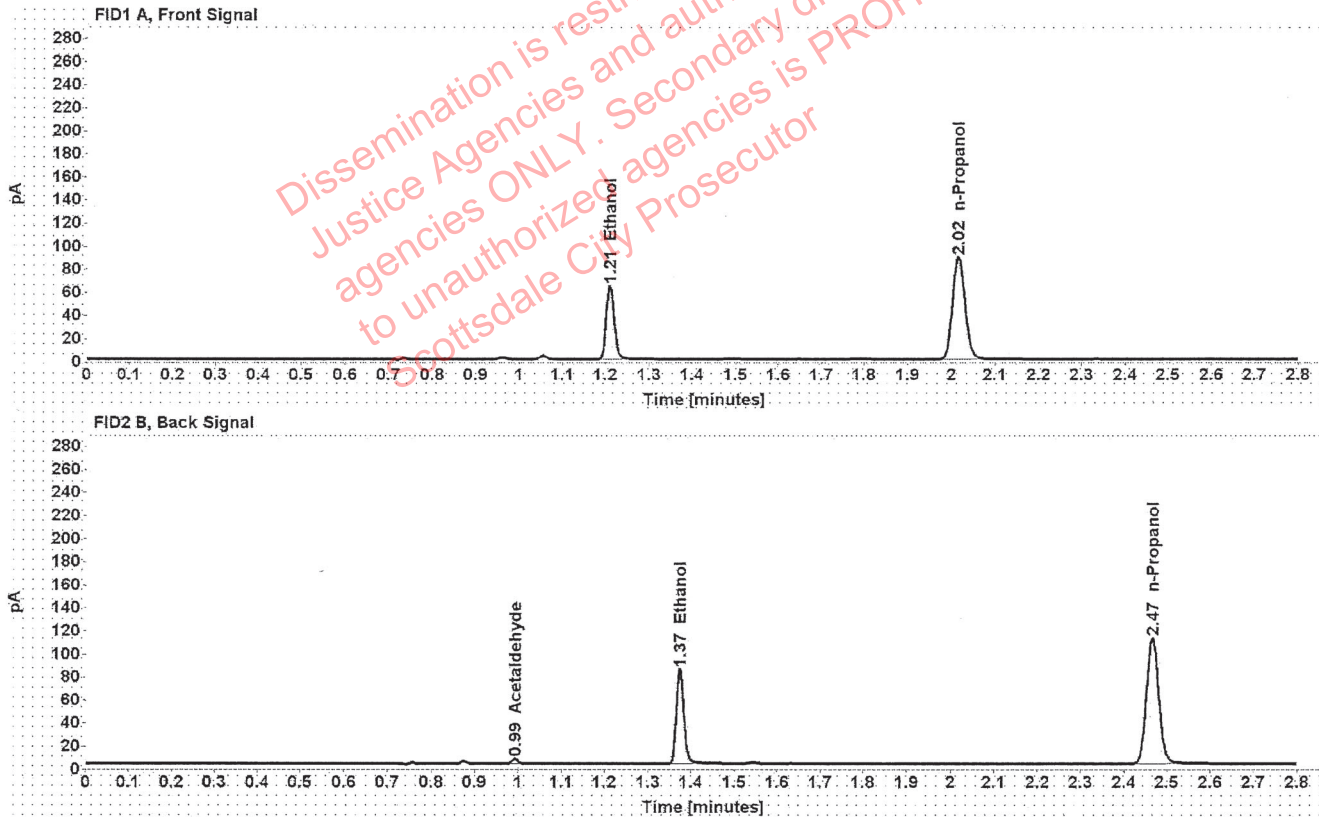


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1286	1.210	81.545
n-Propanol	-----	2.016	176.911

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.097
Ethanol	1.374	101.695
n-Propanol	2.467	220.451

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371548	Vial:	13
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 3:04:44 PM
Data file:	C:\Chem32\1\Data\23Nov21\13.D	Analyst:	Abbott

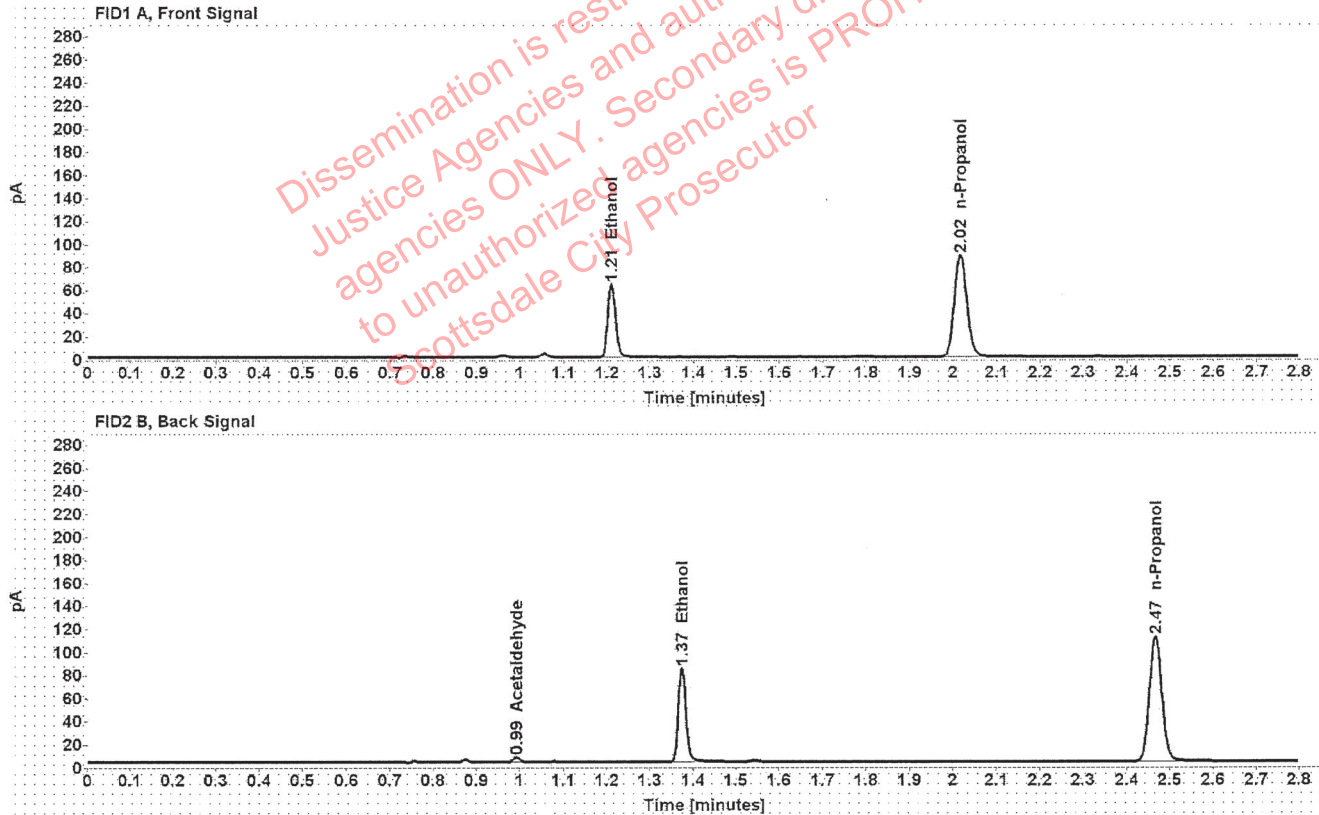


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1279	1.210	80.594
n-Propanol	-----	2.016	175.820

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.096
Ethanol	1.374	100.682
n-Propanol	2.467	219.102

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1395281	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 3:08:44 PM
Data file:	C:\Chem32\1\Data\23Nov21\14.D	Analyst:	Abbott

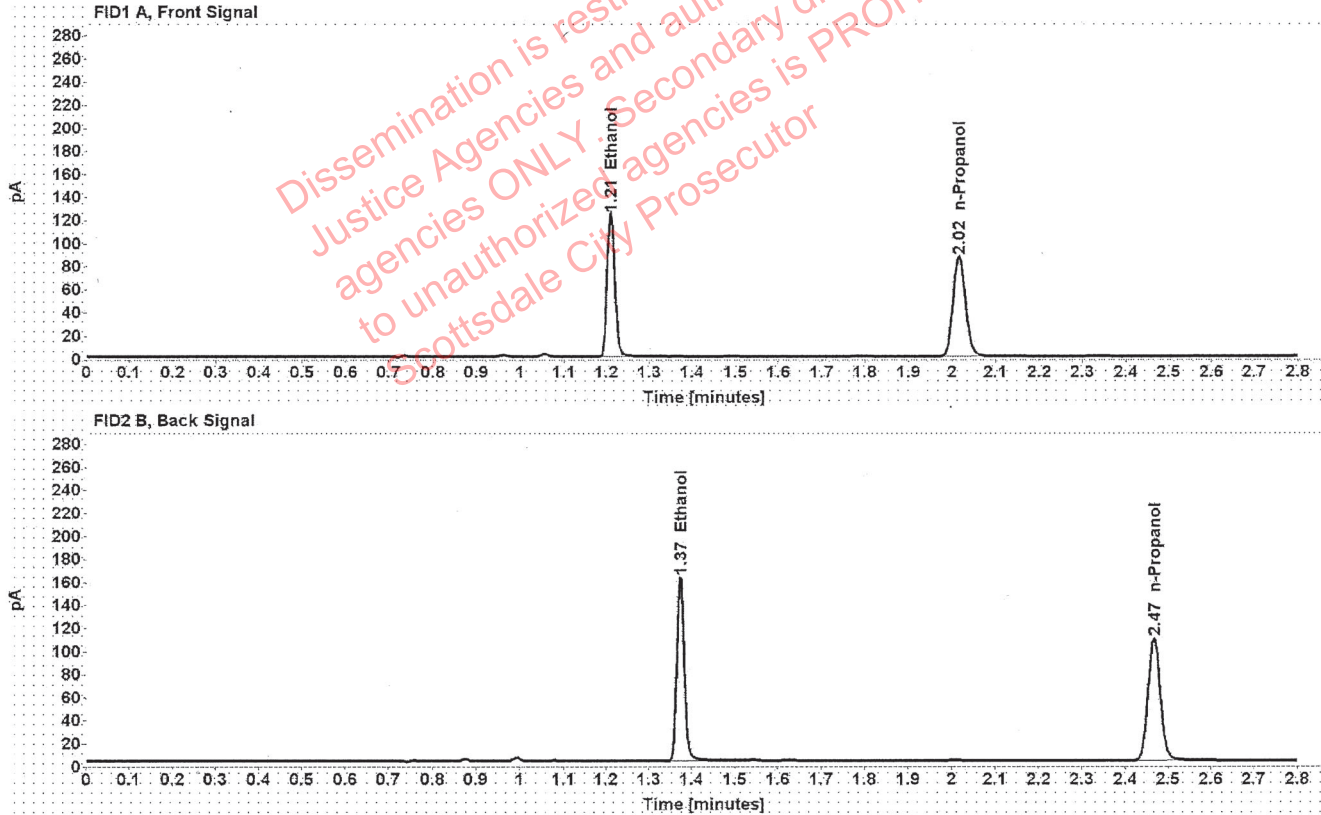


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2531	1.210	156.497
n-Propanol	-----	2.016	171.477

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

Compound	Time (min)	Peak Area
Ethanol	1.374	198.079
n-Propanol	2.467	213.663

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1395281	Vial:	15
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 3:12:43 PM
Data file:	C:\Chem32\1\Data\23Nov21\15.D	Analyst:	Abbott

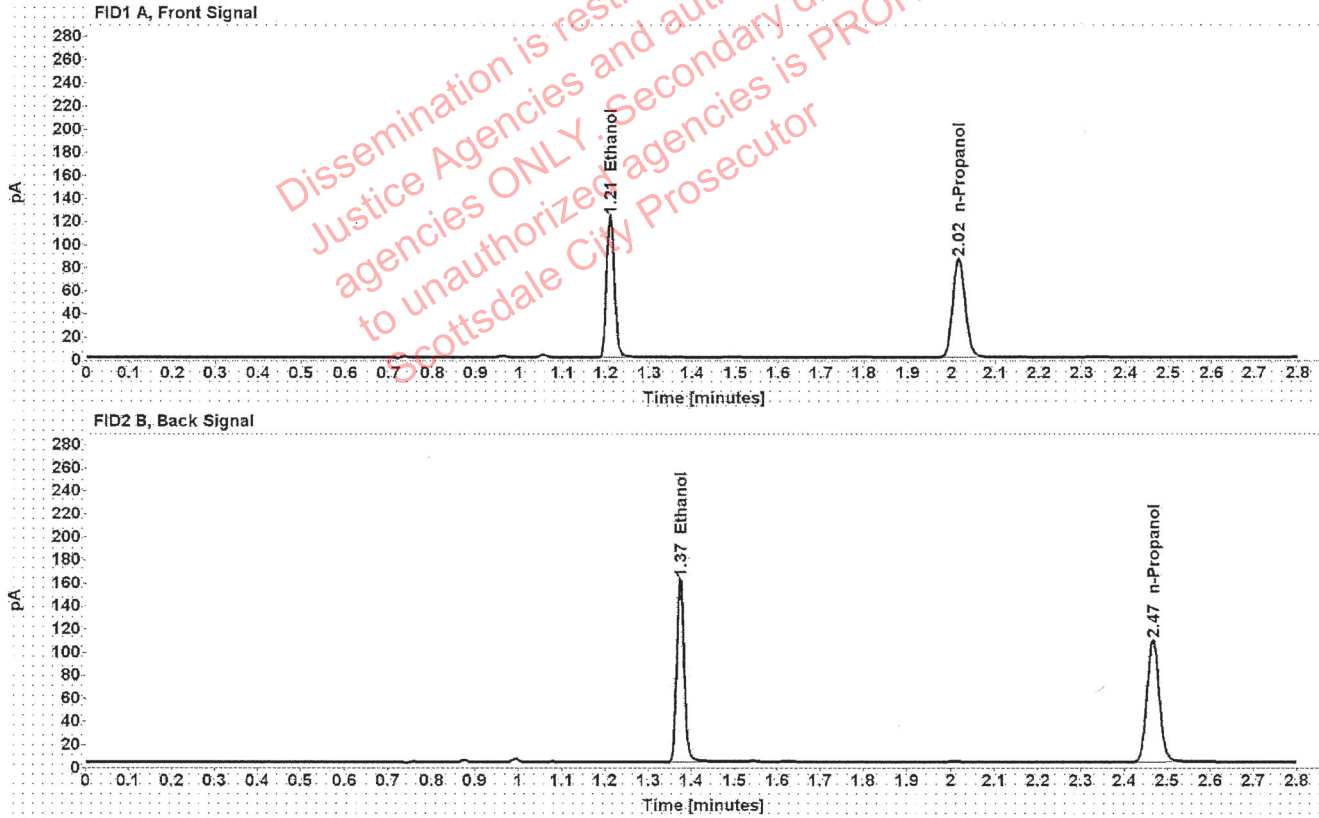


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2528	1.210	155.615
n-Propanol	-----	2.016	170.747

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

Compound	Time (min)	Peak Area
Ethanol	1.374	197.165
n-Propanol	2.467	212.902



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1396965	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 3:16:43 PM
Data file:	C:\Chem32\1\Data\23Nov21\16.D	Analyst:	Abbott

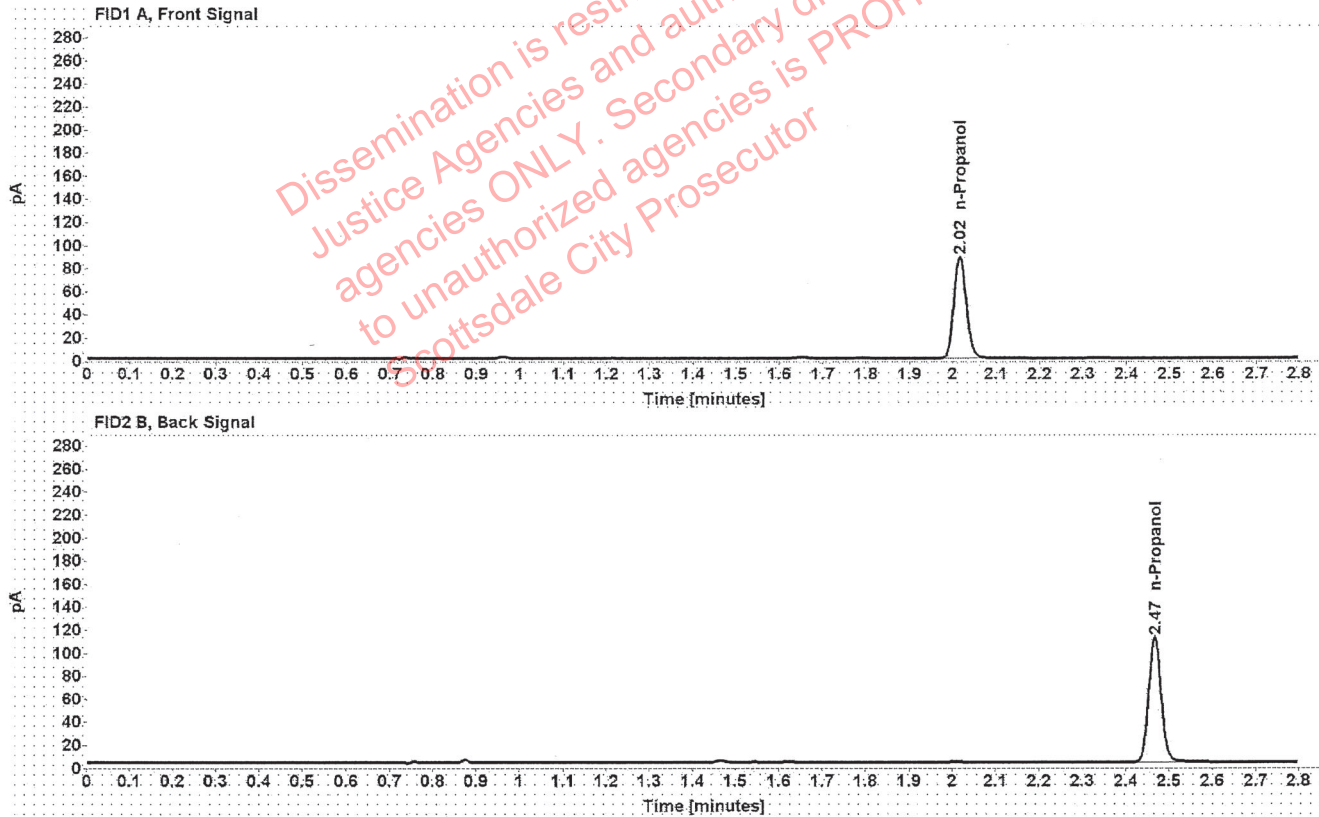


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	175.031

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	219.419

### Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 1396965	<b>Vial:</b> 17
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 23Nov21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/23/2021 3:20:44 PM
<b>Data file:</b> C:\Chem32\1\Data\23Nov21\17.D	<b>Analyst:</b> Abbott

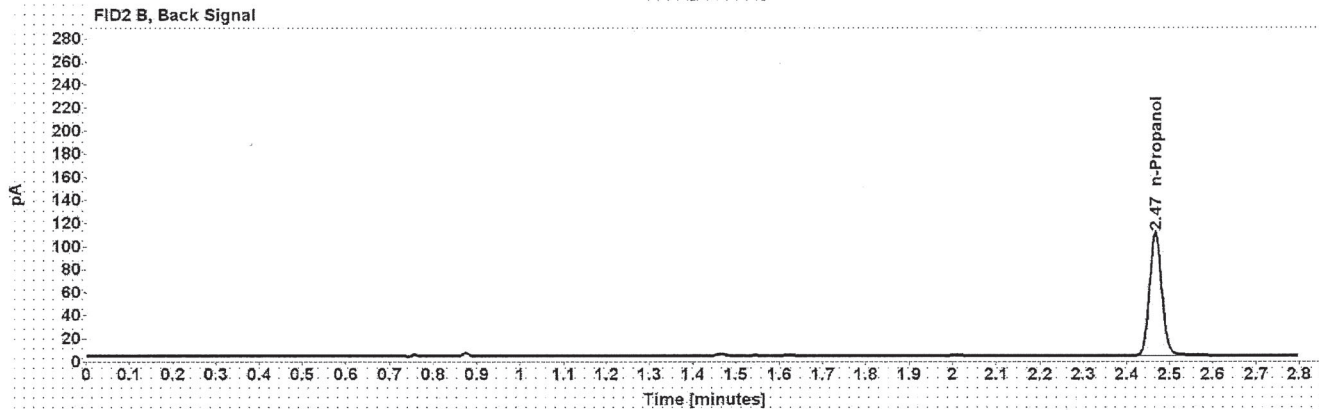


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	172.569

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	216.324

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1396976	Vial:	18
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 3:24:43 PM
Data file:	C:\Chem32\1\Data\23Nov21\18.D	Analyst:	Abbott

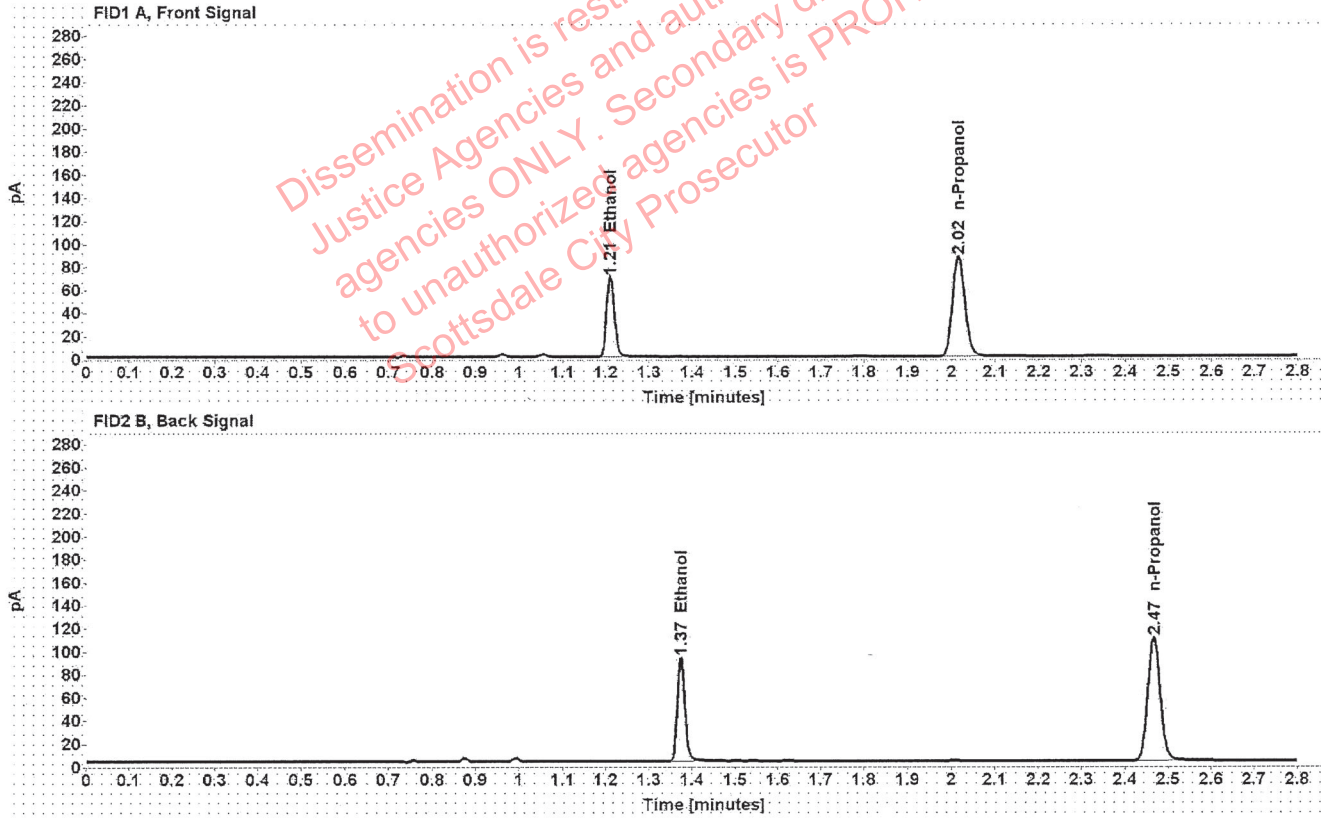


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1432	1.210	88.531
n-Propanol	-----	2.016	172.299

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

Compound	Time (min)	Peak Area
Ethanol	1.374	111.007
n-Propanol	2.467	215.515

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1396976	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 3:28:57 PM
Data file:	C:\Chem32\1\Data\23Nov21\19.D	Analyst:	Abbott

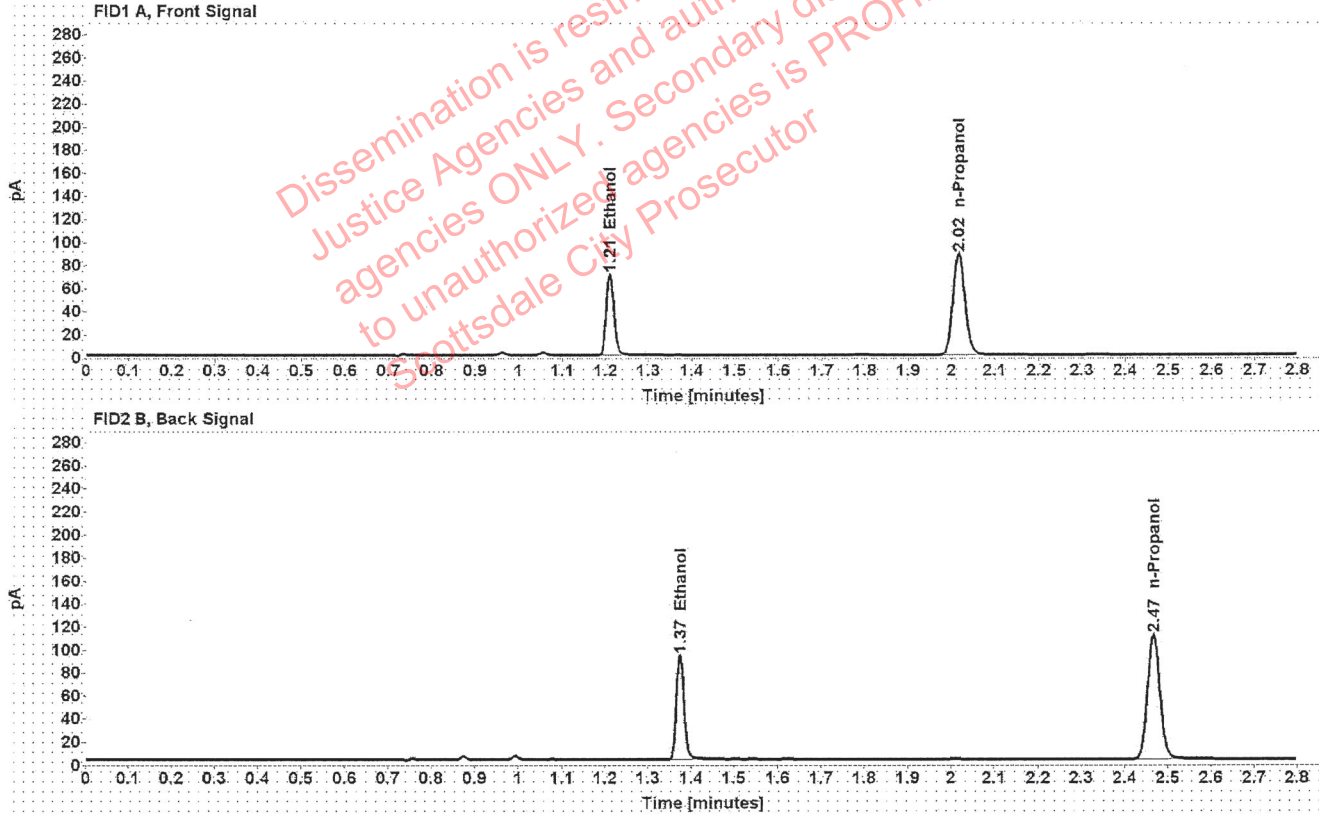


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1430	1.210	89.614
n-Propanol	-----	2.016	174.665

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

Compound	Time (min)	Peak Area
Ethanol	1.374	112.372
n-Propanol	2.467	218.473



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397436	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 3:36:58 PM
Data file:	C:\Chem32\1\Data\23Nov21\21.D	Analyst:	Abbott

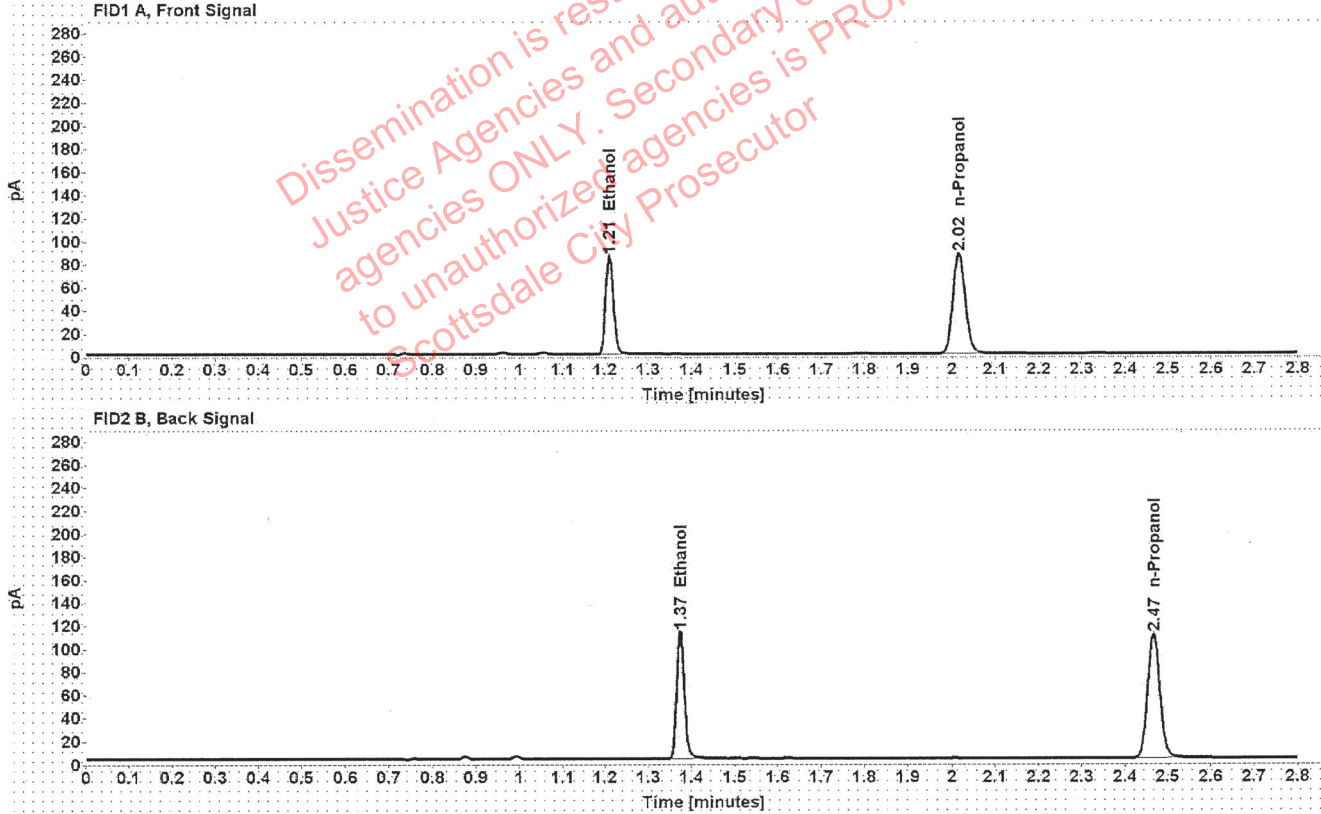


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1738	1.210	108.211
n-Propanol	-----	2.016	173.179

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

Compound	Time (min)	Peak Area
Ethanol	1.374	135.995
n-Propanol	2.467	216.464

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397436	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 3:40:59 PM
Data file:	C:\Chem32\1\Data\23Nov21\22.D	Analyst:	Abbott

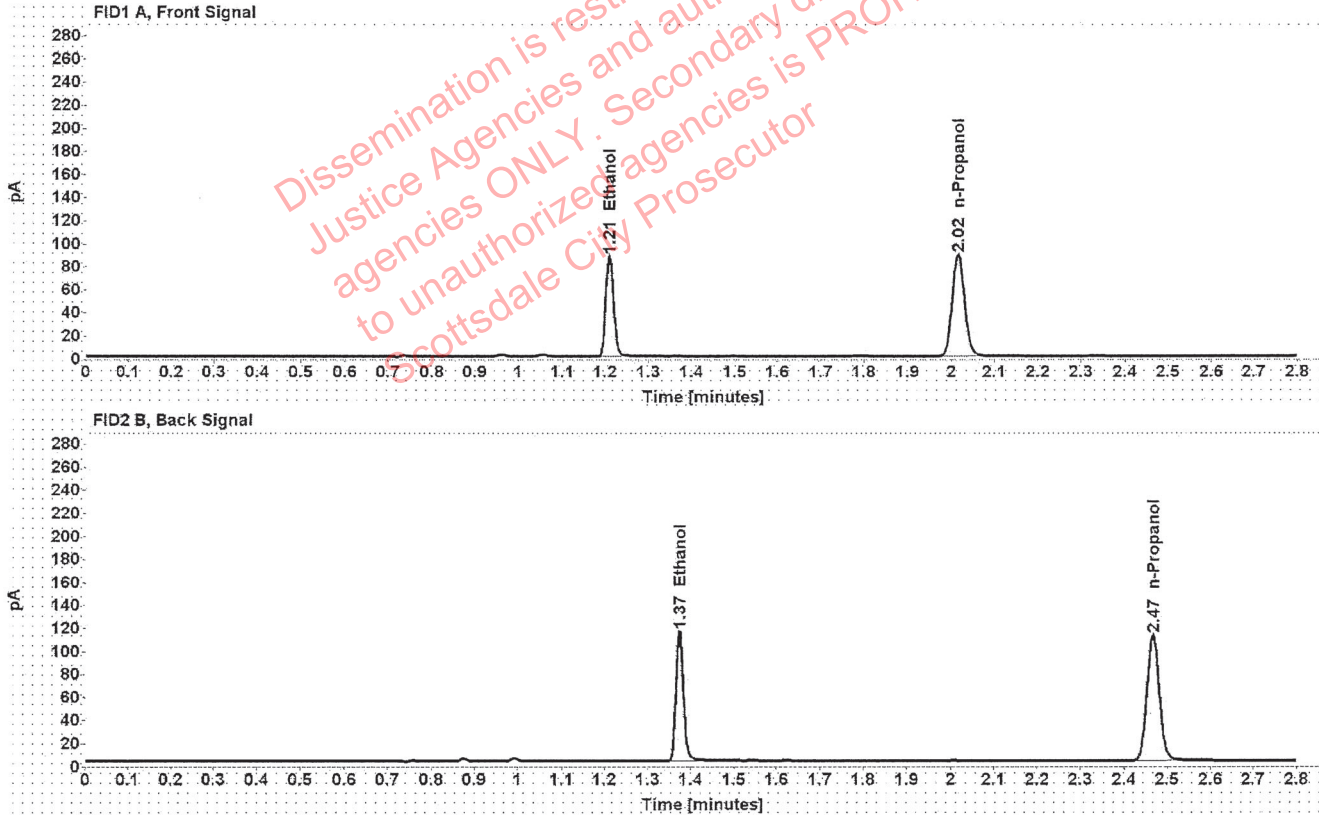


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1750	1.210	110.792
n-Propanol	-----	2.016	176.102

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

Compound	Time (min)	Peak Area
Ethanol	1.374	140.764
n-Propanol	2.467	220.299

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397464	Vial:	23
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 3:44:58 PM
Data file:	C:\Chem32\1\Data\23Nov21\23.D	Analyst:	Abbott

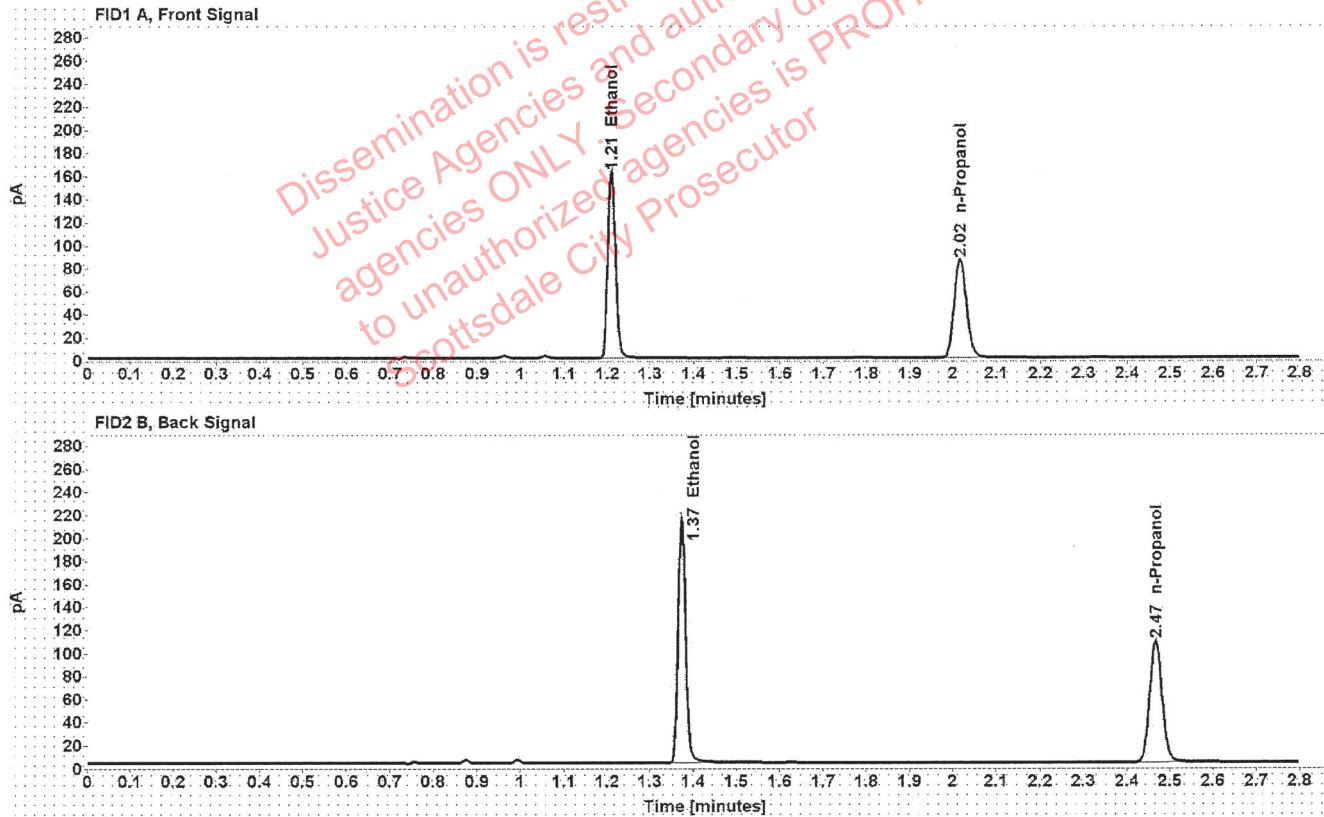


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3347	1.210	205.763
n-Propanol	-----	2.016	170.255

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

Compound	Time (min)	Peak Area
Ethanol	1.374	259.490
n-Propanol	2.467	212.474

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397464	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 3:48:58 PM
Data file:	C:\Chem32\1\Data\23Nov21\24.D	Analyst:	Abbott

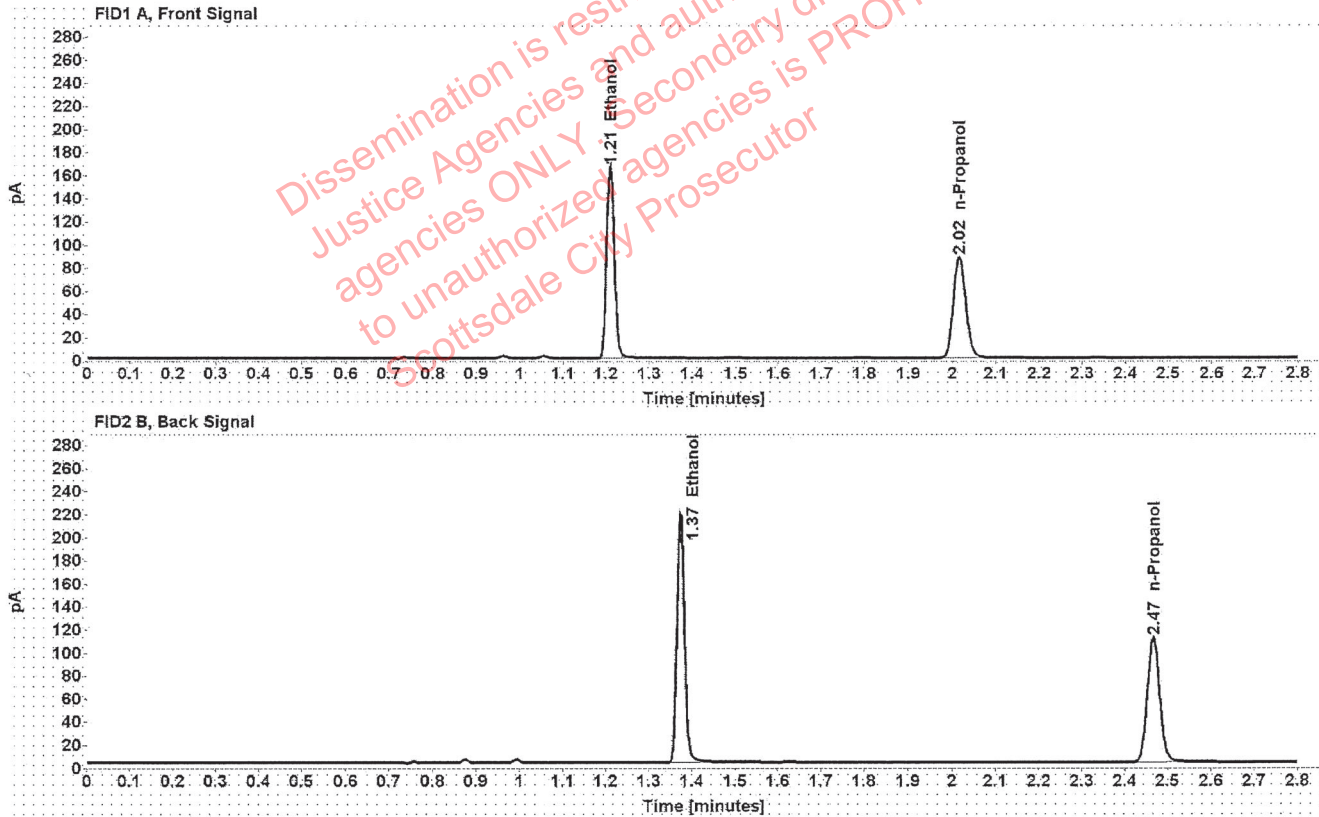


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3352	1.210	210.831
n-Propanol	-----	2.016	174.214

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

Compound	Time (min)	Peak Area
Ethanol	1.374	265.959
n-Propanol	2.467	217.452



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1394760	Vial:	25
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 3:53:13 PM
Data file:	C:\Chem32\1\Data\23Nov21\25.D	Analyst:	Abbott

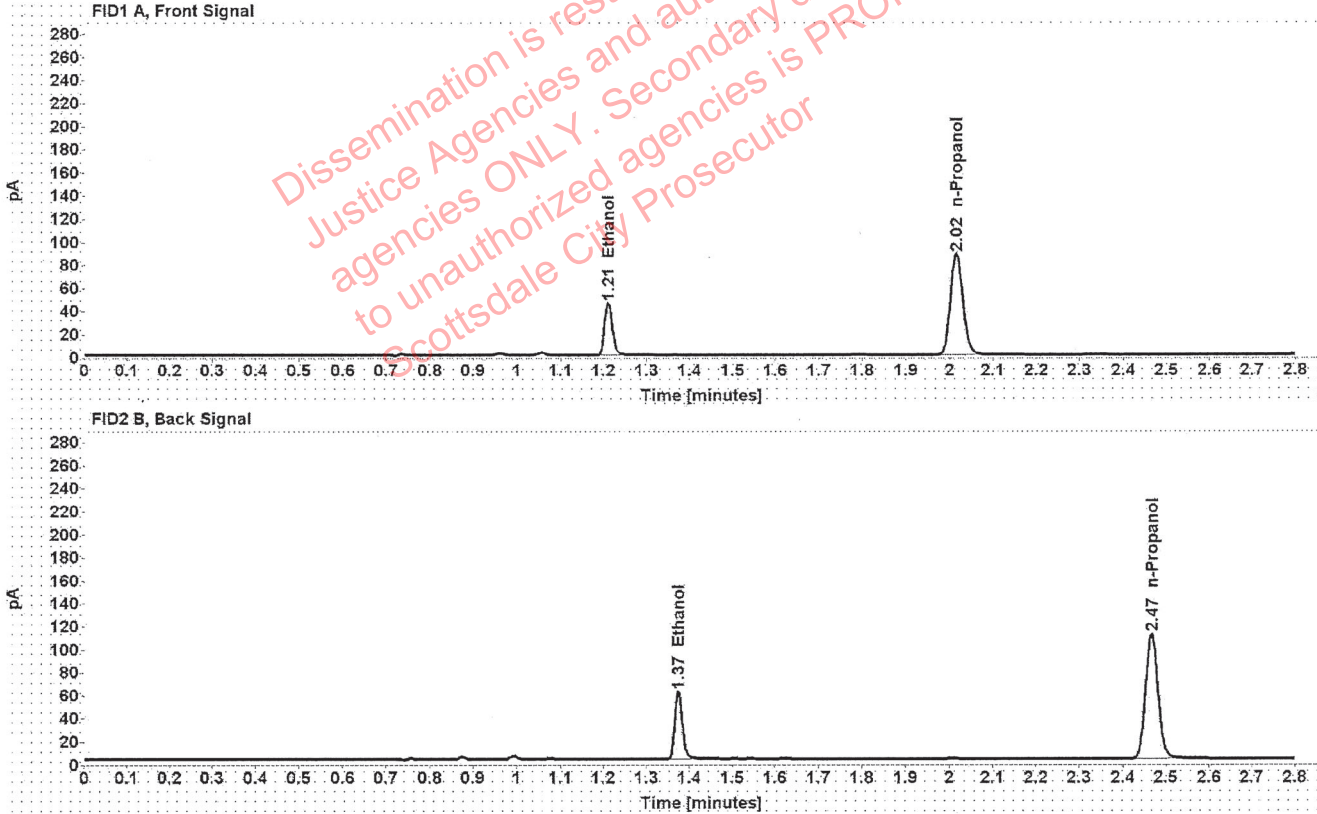


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0934	1.211	58.198
n-Propanol	-----	2.016	174.666

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

Compound	Time (min)	Peak Area
Ethanol	1.375	72.625
n-Propanol	2.467	218.903

[REDACTED]: Abbott, Lori - (24-Nov-2021)

Case: [REDACTED] User: LAbbott 11/24/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1394760	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 3:57:13 PM
Data file:	C:\Chem32\1\Data\23Nov21\26.D	Analyst:	Abbott

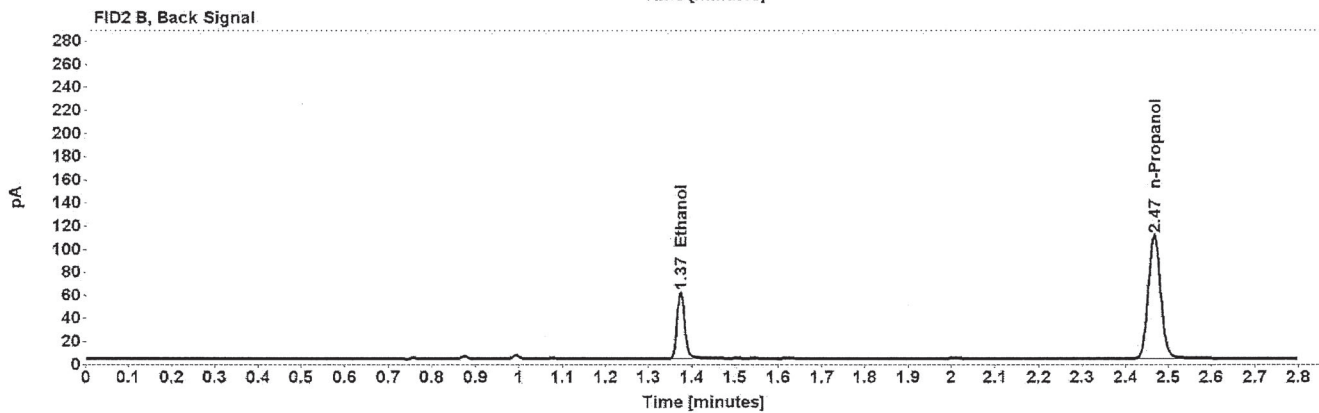
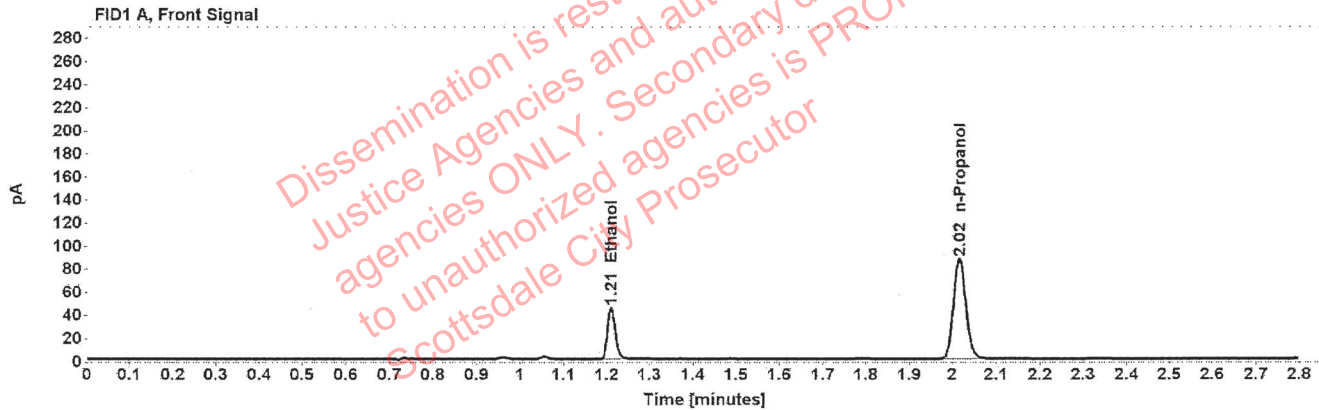


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0926	1.211	57.130
n-Propanol	-----	2.016	172.951

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

Compound	Time (min)	Peak Area
Ethanol	1.374	71.545
n-Propanol	2.467	216.828

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701MB	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 4:01:13 PM
Data file:	C:\Chem32\1\Data\23Nov21\27.D	Analyst:	Abbott

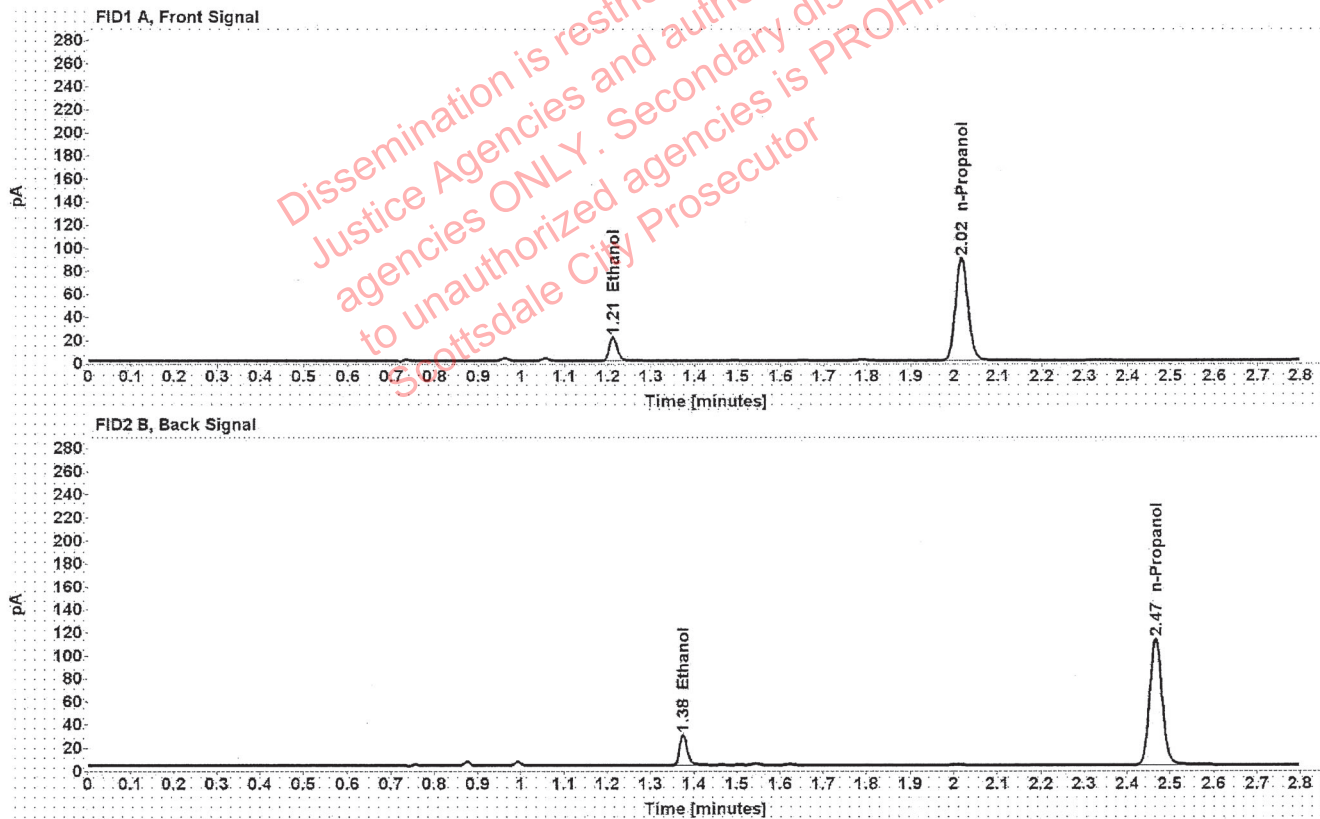


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0427	1.212	26.487
n-Propanol	-----	2.016	177.368

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

Compound	Time (min)	Peak Area
Ethanol	1.375	33.630
n-Propanol	2.467	222.608

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701MB	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 4:05:15 PM
Data file:	C:\Chem32\1\Data\23Nov21\28.D	Analyst:	Abbott

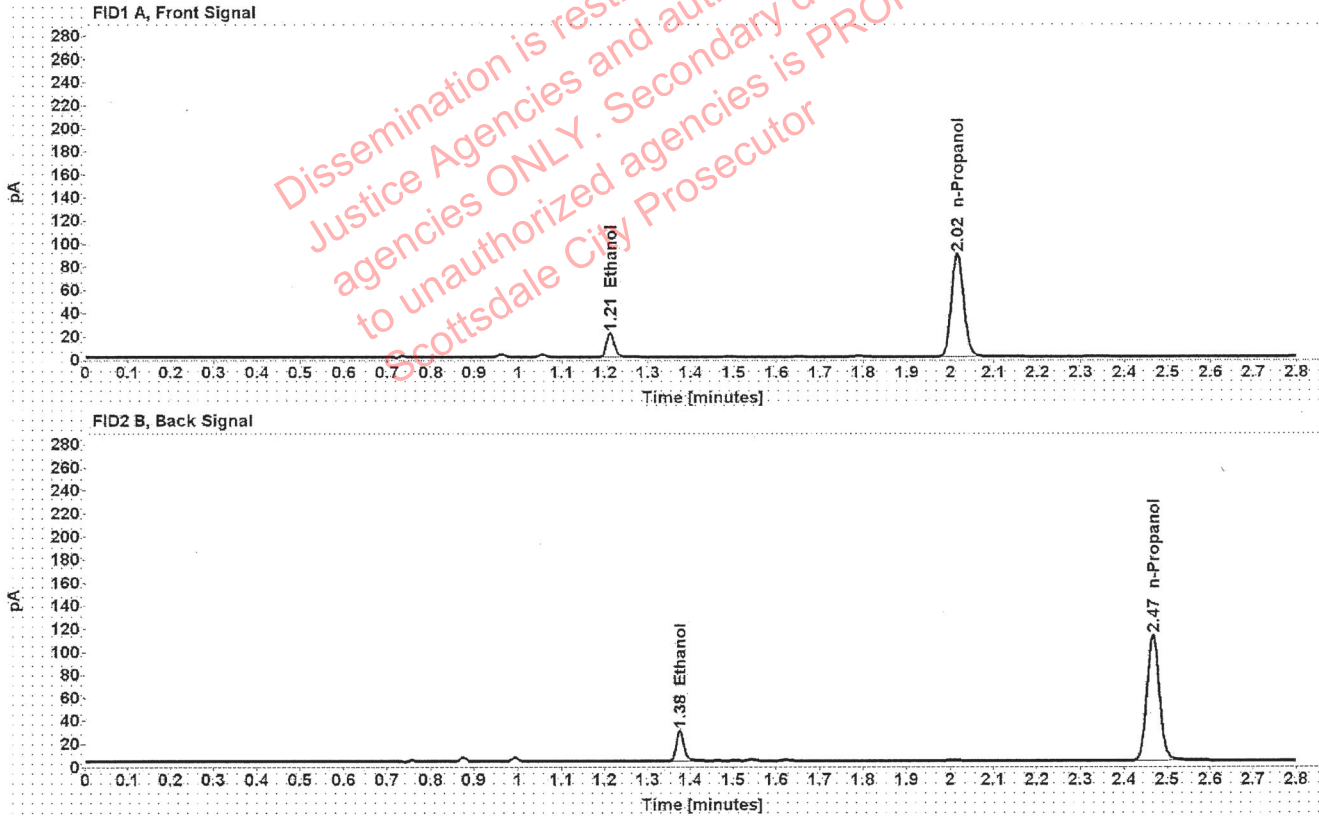


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0425	1.212	26.197
n-Propanol	-----	2.016	176.354

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

Compound	Time (min)	Peak Area
Ethanol	1.375	33.365
n-Propanol	2.467	221.402



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	37101JL	Vial:	29
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 4:09:13 PM
Data file:	C:\Chem32\1\Data\23Nov21\29.D	Analyst:	Abbott

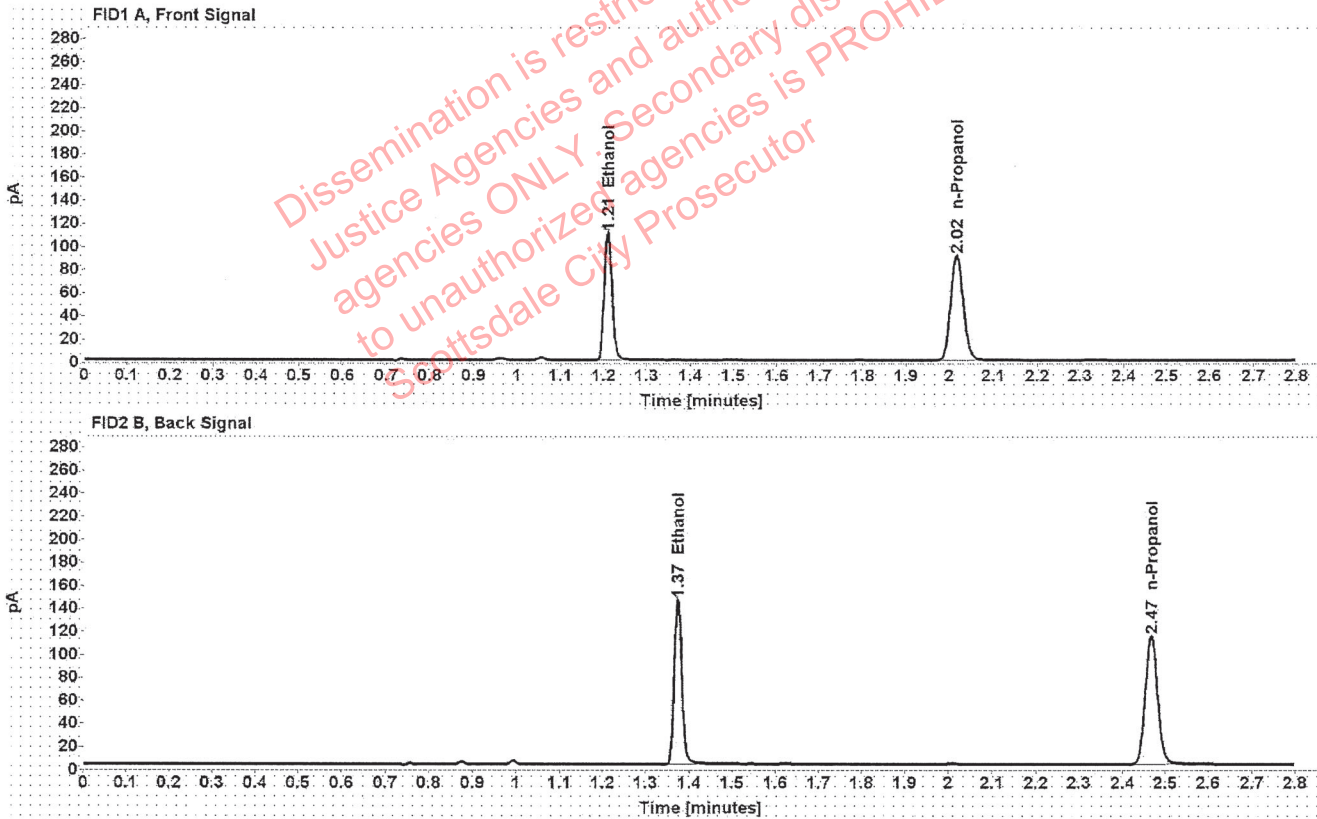


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2161	1.210	140.229
n-Propanol	-----	2.016	180.212

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

Compound	Time (min)	Peak Area
Ethanol	1.374	176.644
n-Propanol	2.467	225.446

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	37101JL	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 4:13:13 PM
Data file:	C:\Chem32\1\Data\23Nov21\30.D	Analyst:	Abbott

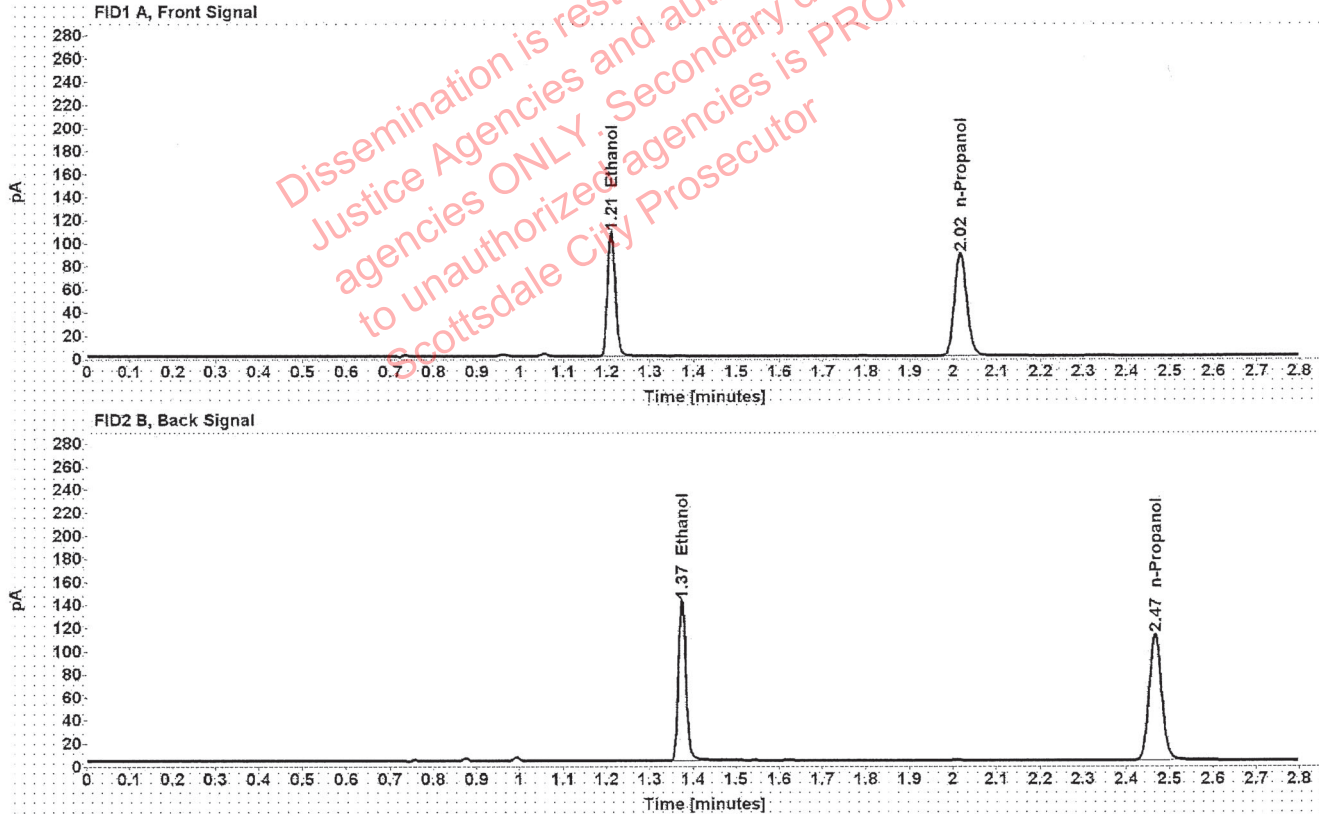


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2147	1.210	136.469
n-Propanol	-----	2.016	176.488

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

Compound	Time (min)	Peak Area
Ethanol	1.374	171.938
n-Propanol	2.467	220.640

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1321053	Vial:	32
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 4:21:29 PM
Data file:	C:\Chem32\1\Data\23Nov21\32.D	Analyst:	Abbott

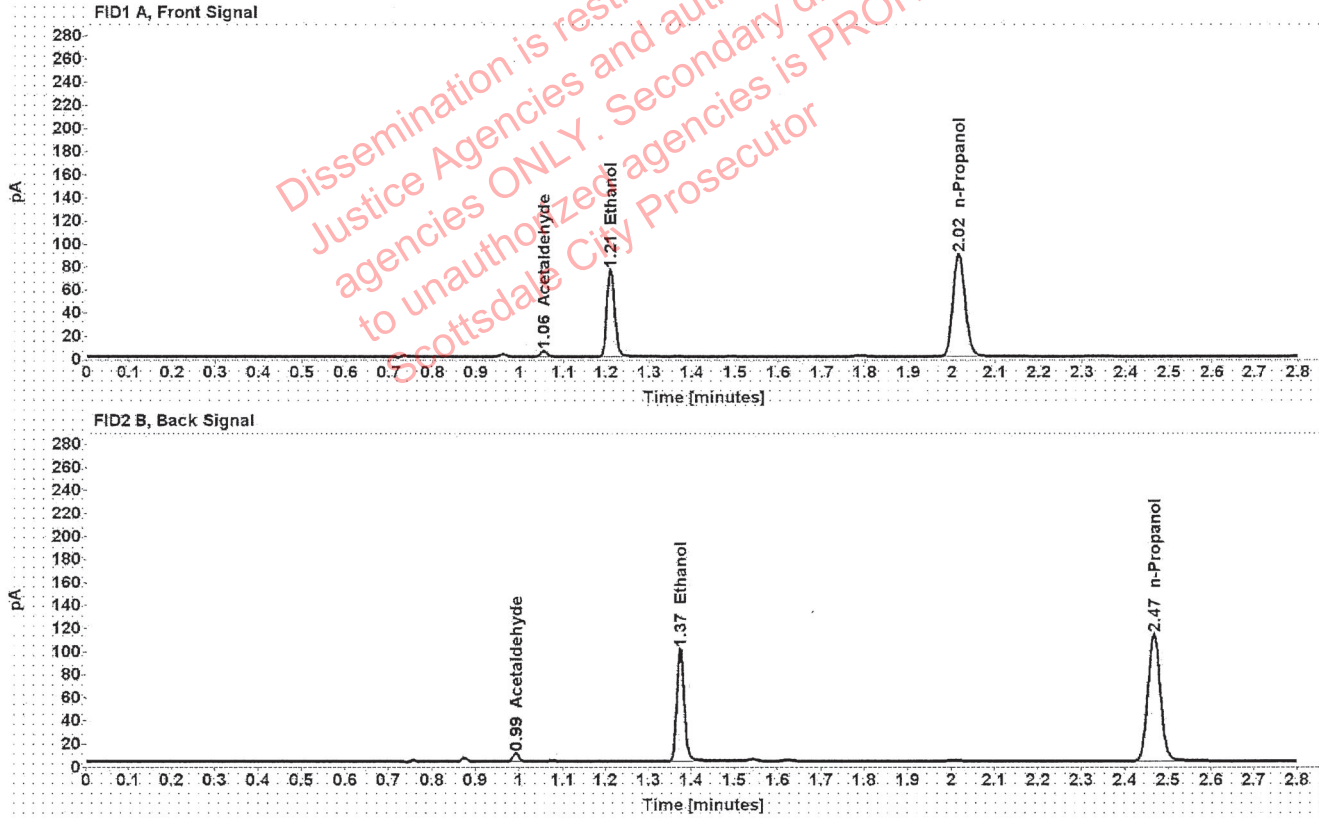


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	5.139
>Ethanol	0.1513	1.210	96.196
n-Propanol	-----	2.016	177.096

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.760
Ethanol	1.374	120.755
n-Propanol	2.467	222.440

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1321053	Vial:	33
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 4:25:27 PM
Data file:	C:\Chem32\1\Data\23Nov21\33.D	Analyst:	Abbott

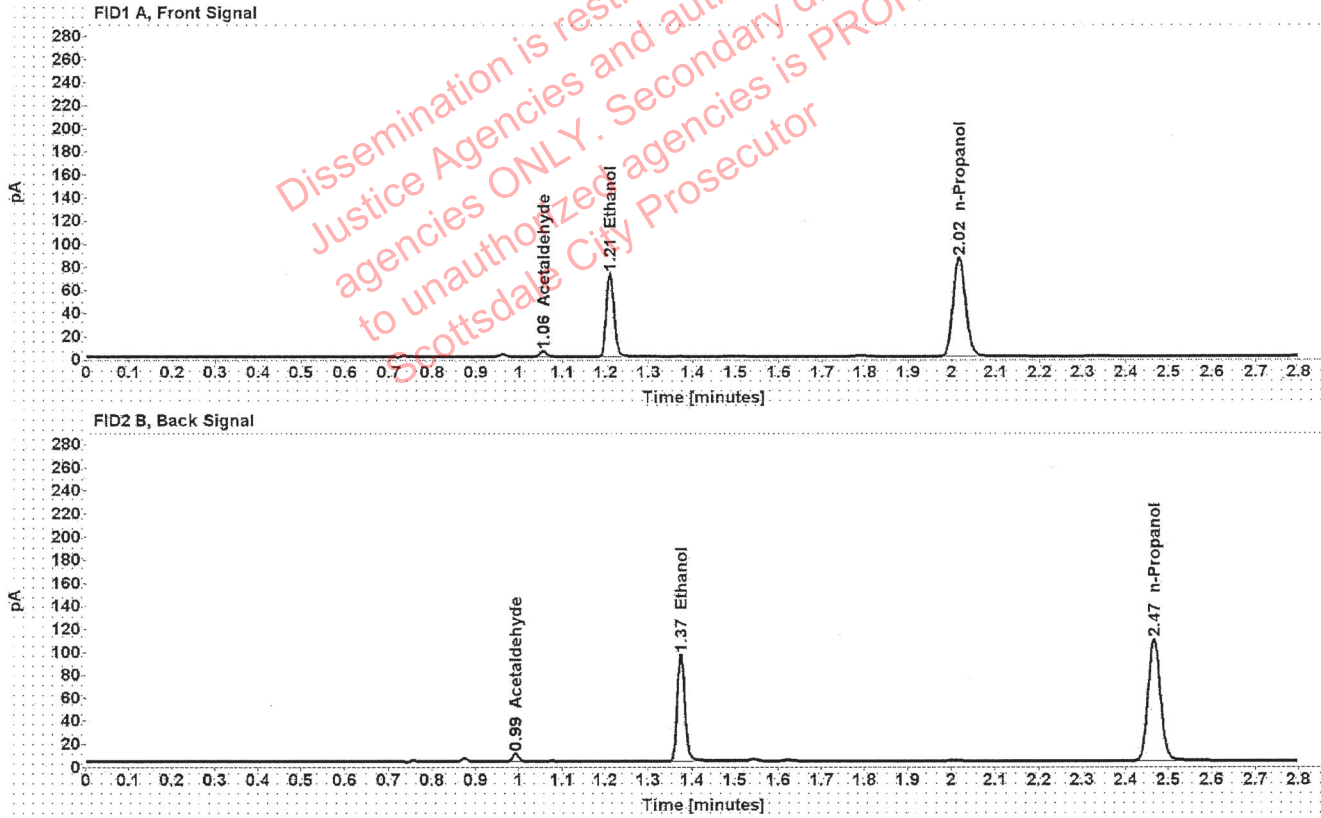


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	5.051
>Ethanol	0.1495	1.210	91.862
n-Propanol	-----	2.016	171.155

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.663
Ethanol	1.374	115.346
n-Propanol	2.467	214.890



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397412	Vial:	34
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 4:29:28 PM
Data file:	C:\Chem32\1\Data\23Nov21\34.D	Analyst:	Abbott

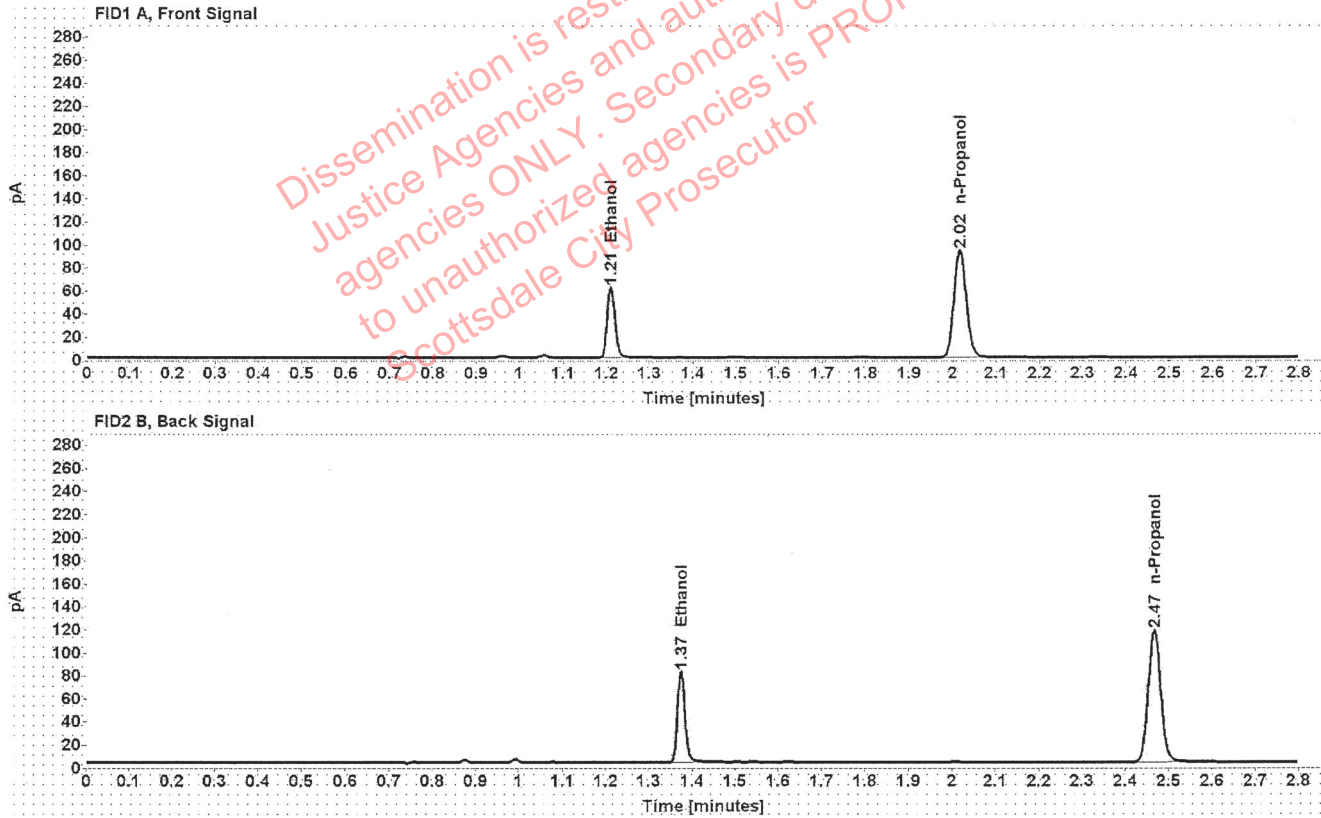


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1179	1.211	78.100
n-Propanol	-----	2.016	185.097

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

Compound	Time (min)	Peak Area
Ethanol	1.374	97.739
n-Propanol	2.467	231.756

Abbott, Lori - (24-Nov-2021)

Case: User: LAbbott 11/24/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397412	Vial:	35
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 4:33:29 PM
Data file:	C:\Chem32\1\Data\23Nov21\35.D	Analyst:	Abbott

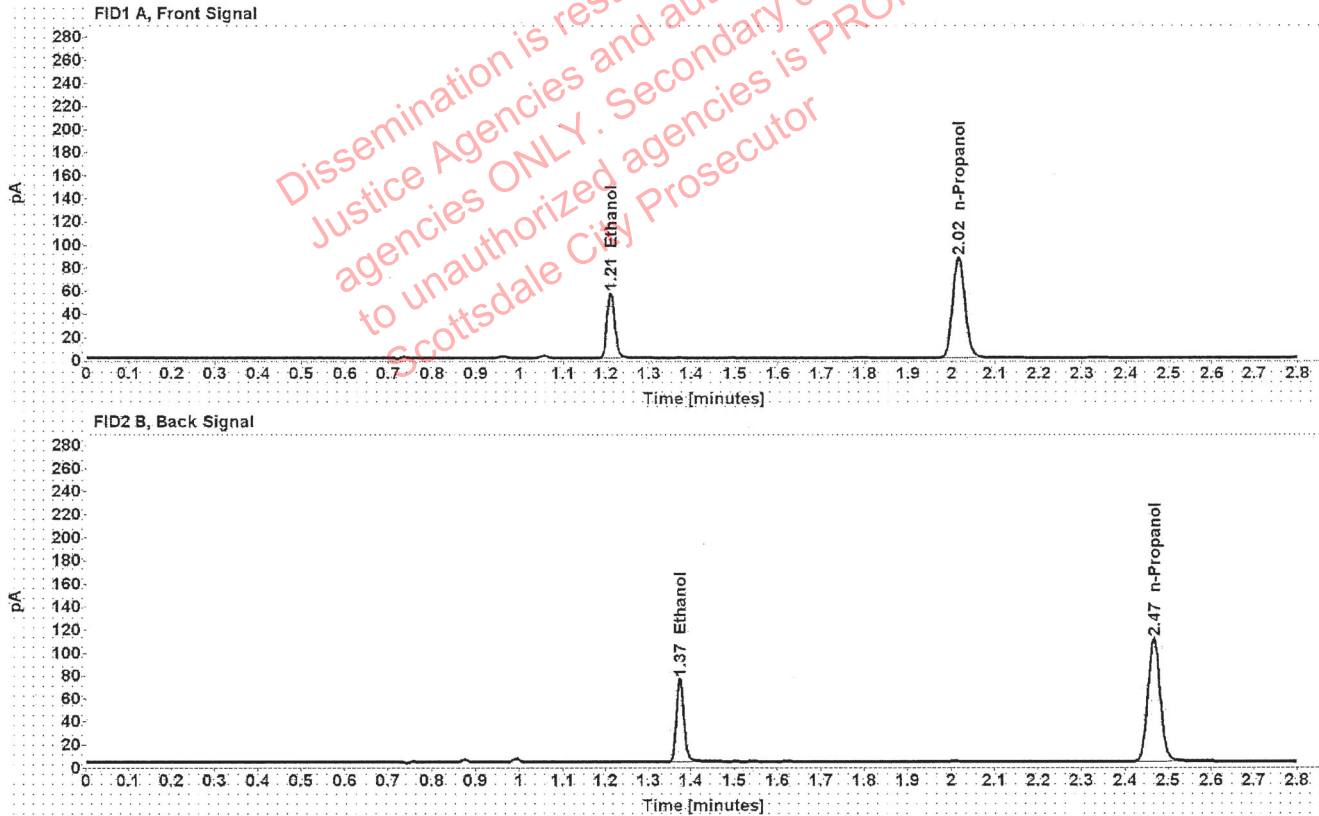


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1159	1.211	71.678
n-Propanol	-----	2.016	172.885

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

Compound	Time (min)	Peak Area
Ethanol	1.374	89.661
n-Propanol	2.467	216.453

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397323	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 4:37:28 PM
Data file:	C:\Chem32\1\Data\23Nov21\36.D	Analyst:	Abbott

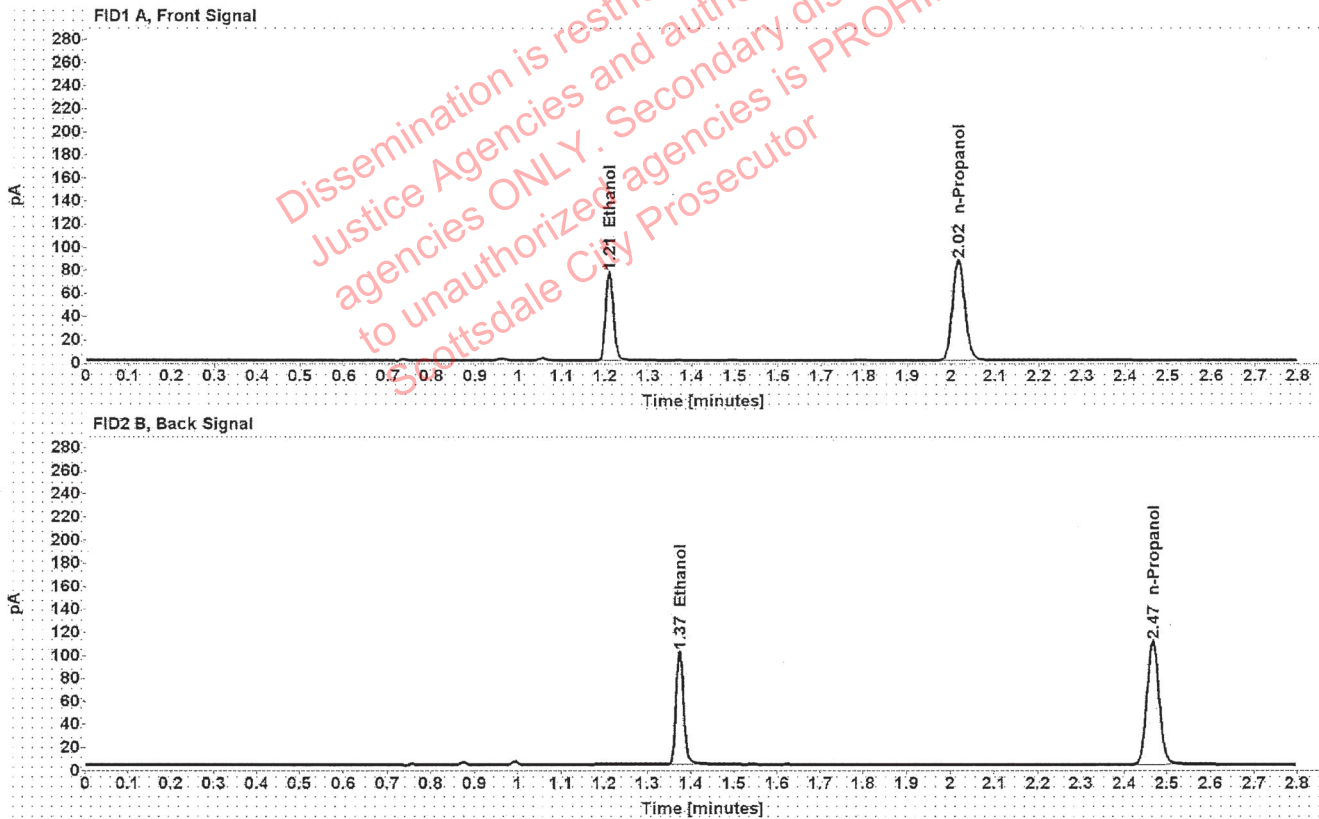


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1561	1.210	96.671
n-Propanol	-----	2.016	172.448

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

Compound	Time (min)	Peak Area
Ethanol	1.374	122.131
n-Propanol	2.467	215.497

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397323	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 4:41:43 PM
Data file:	C:\Chem32\1\Data\23Nov21\37.D	Analyst:	Abbott

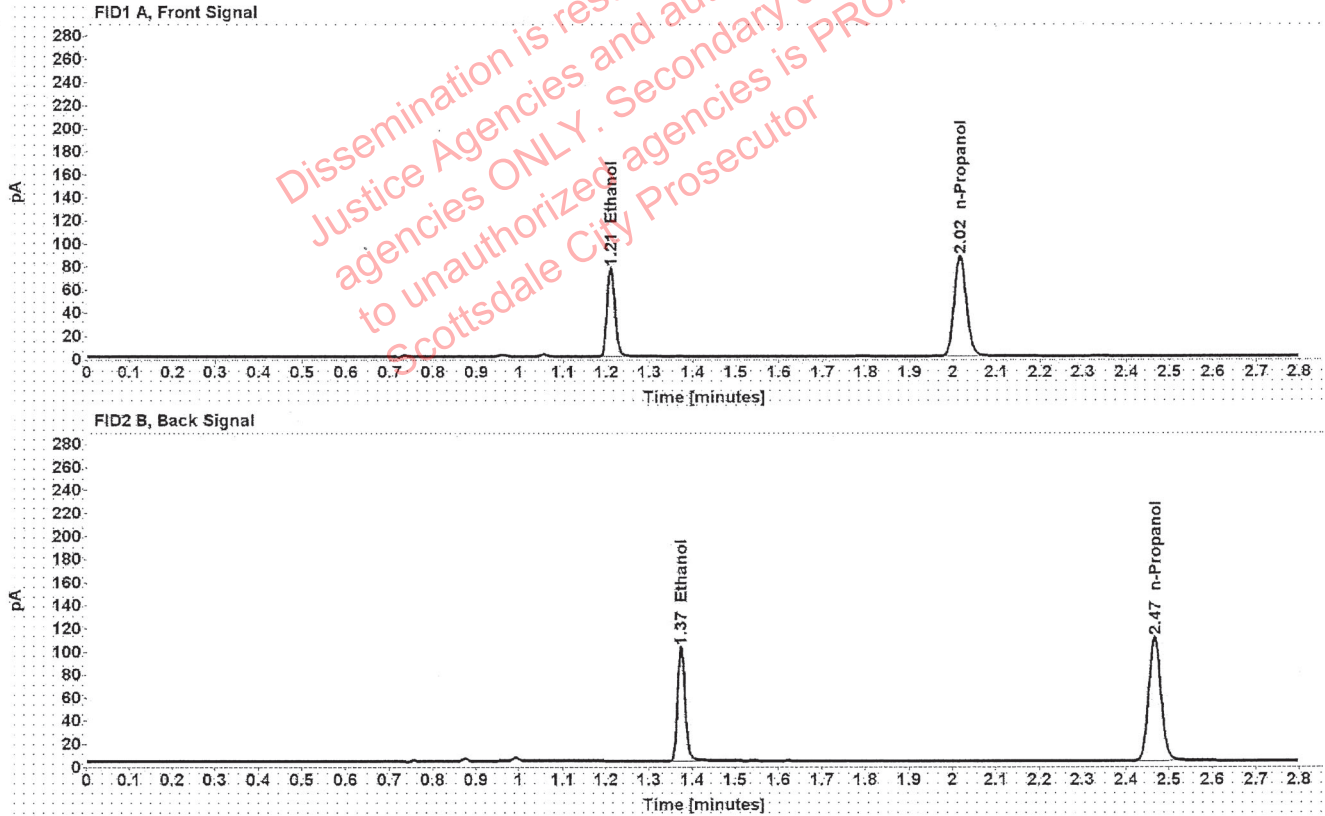


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1571	1.210	97.846
n-Propanol	-----	2.016	173.429

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

Compound	Time (min)	Peak Area
Ethanol	1.374	123.457
n-Propanol	2.467	216.190



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397318	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 4:45:43 PM
Data file:	C:\Chem32\1\Data\23Nov21\38.D	Analyst:	Abbott

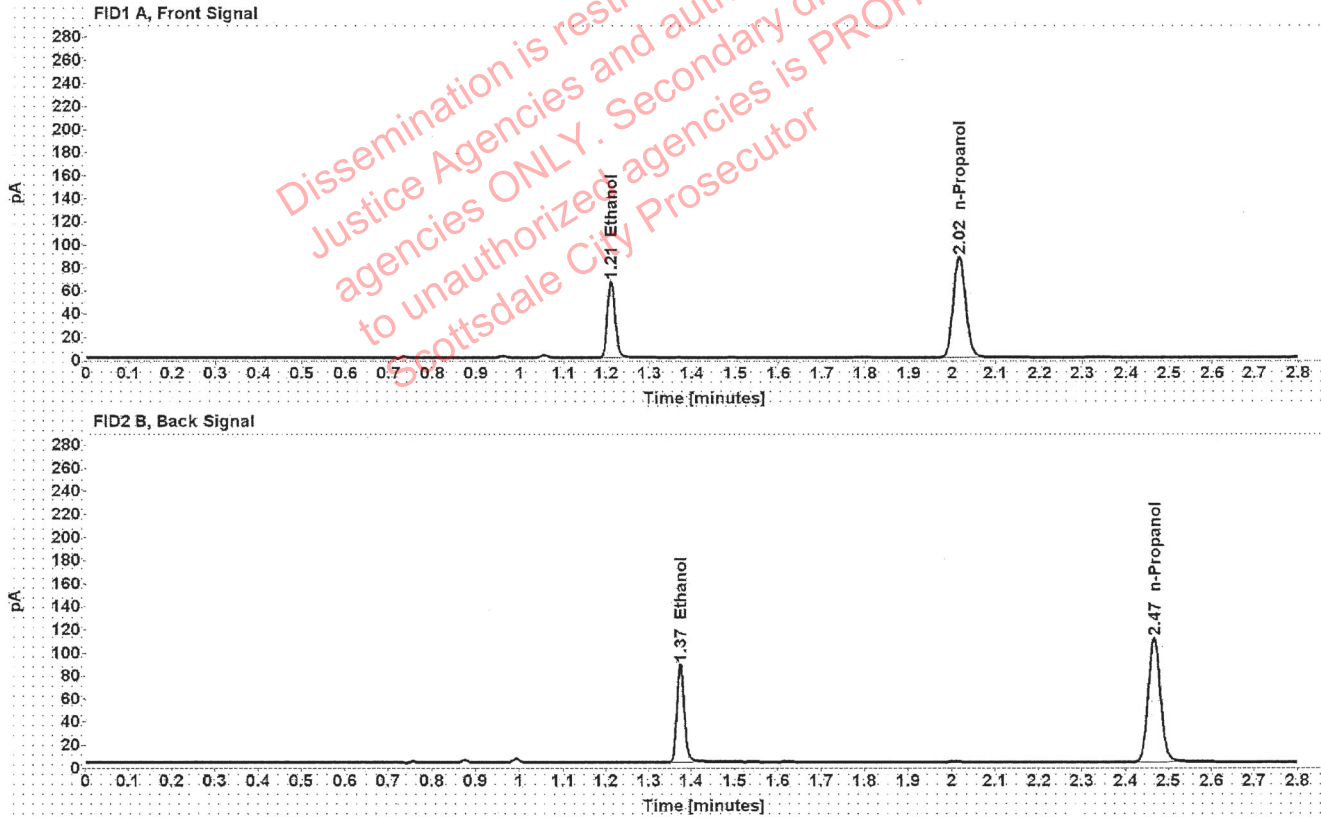


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1345	1.210	83.868
n-Propanol	-----	2.016	173.958

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

Compound	Time (min)	Peak Area
Ethanol	1.374	105.616
n-Propanol	2.467	217.968

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397318	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 4:49:43 PM
Data file:	C:\Chem32\1\Data\23Nov21\39.D	Analyst:	Abbott

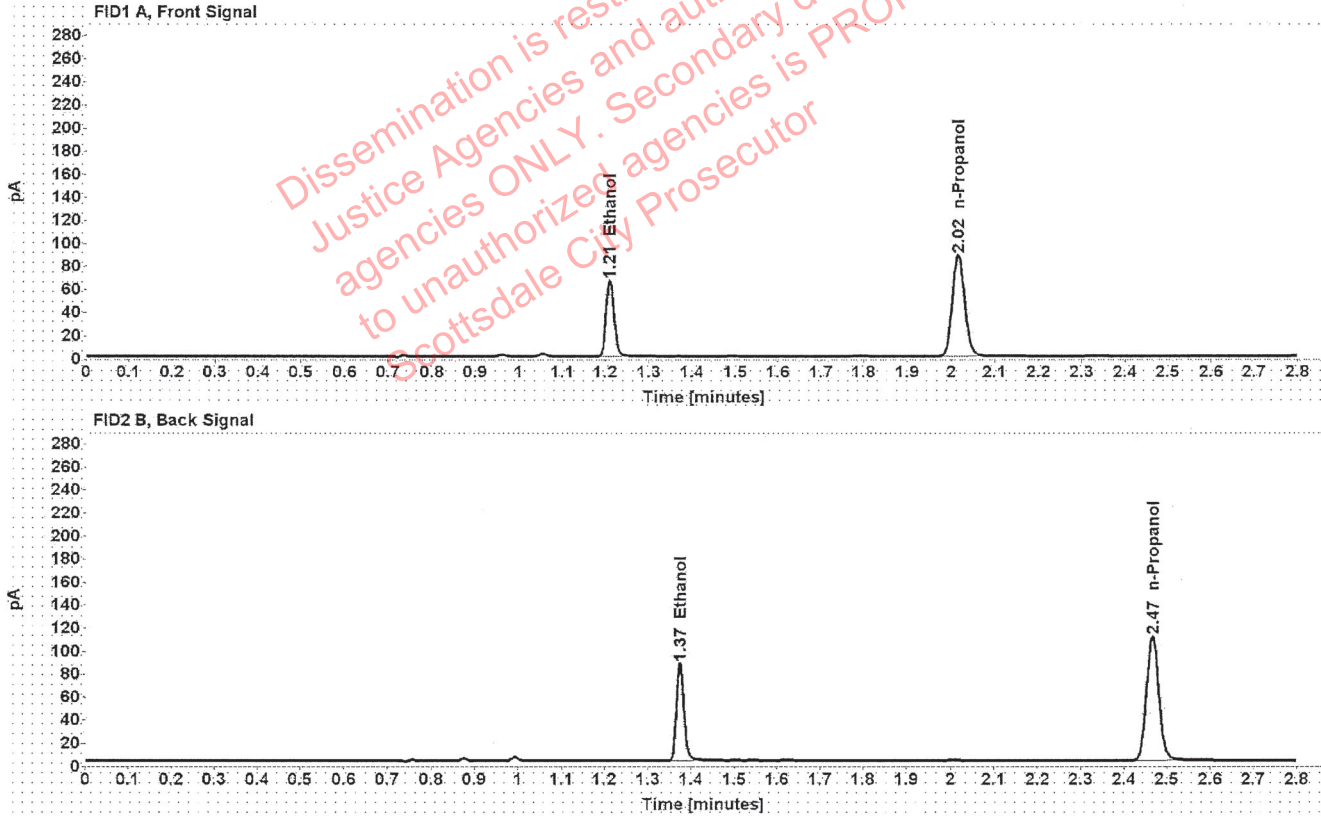


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1340	1.210	83.734
n-Propanol	-----	2.016	174.262

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

Compound	Time (min)	Peak Area
Ethanol	1.374	104.662
n-Propanol	2.467	218.273

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397321	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 4:53:43 PM
Data file:	C:\Chem32\1\Data\23Nov21\40.D	Analyst:	Abbott

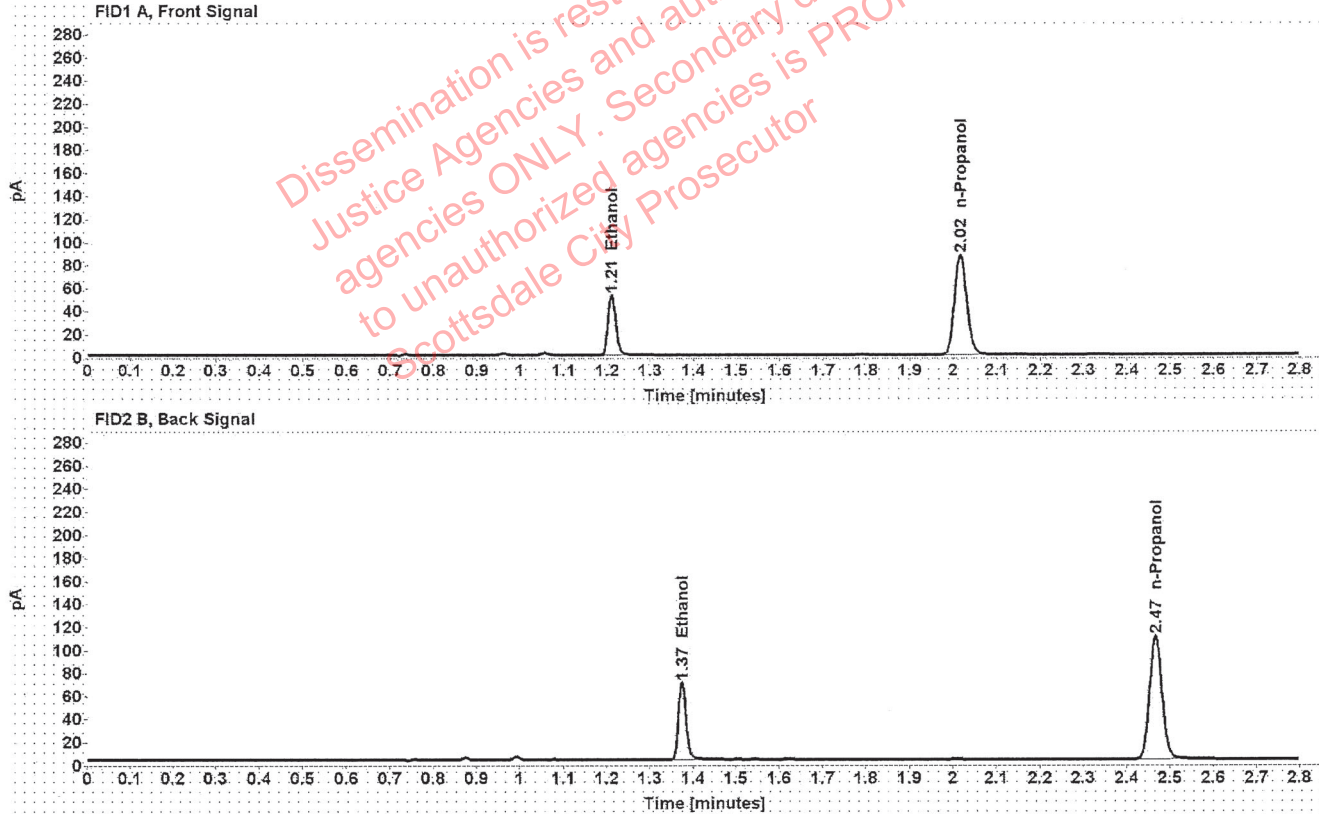


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1079	1.211	66.578
n-Propanol	-----	2.016	172.641

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

Compound	Time (min)	Peak Area
Ethanol	1.374	83.523
n-Propanol	2.467	216.528

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397321	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	23Nov21
Instrument:	US14173023 CN14160045	Injection date:	11/23/2021 4:57:44 PM
Data file:	C:\Chem32\1\Data\23Nov21\41.D	Analyst:	Abbott

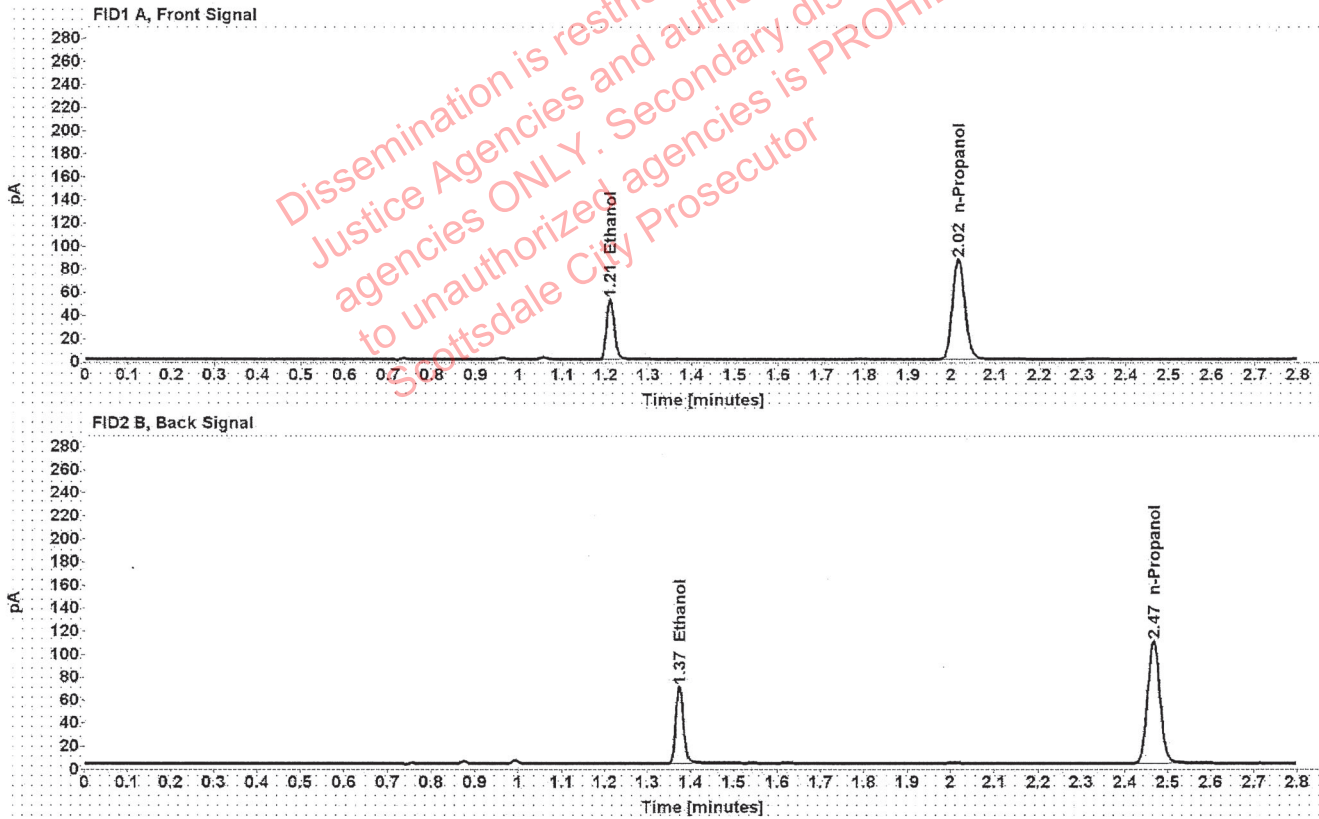


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1078	1.211	66.333
n-Propanol	-----	2.016	172.113

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

Compound	Time (min)	Peak Area
Ethanol	1.374	82.946
n-Propanol	2.467	215.912