

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 12/27/21 SEQUENCE NAME 27Dec21

**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 0.99999  
 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 mix	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.408 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	0.205 g/dL	ACQ 4110320133/2
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
31	Blood control	0.199 g/dL	0.204 g/dL	ACQ 4110320133/2
42	Aqueous control	0.080 g/dL	0.079 g/dL	Lipomed 20012020-B
53	Aqueous control	0.400 g/dL	0.407 g/dL	Lipomed 11092018-A
54	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
55	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/2
56	Blank	Not detected	Not detected	SPD lab 111020WB

**SUBJECT SAMPLES**

Subjects in the sequence 20 Subjects requiring reanalysis 0

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

Run valid  Run invalid  Philip B... Analyst  
 Run valid  Run invalid  Erika Canonicis Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

7B

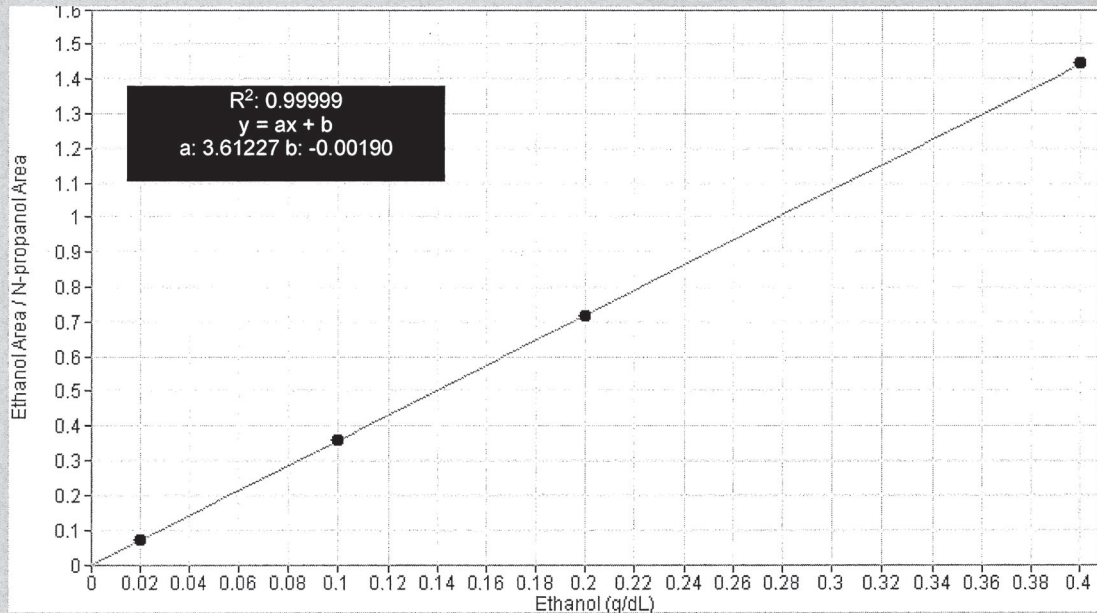
SEQUENCE NAME: 27Dec21

ANALYST: Brooke

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	0.408	0.400	2.00	0.008
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.199 4110320133/2	9	0.205	0.199	3.02	0.006
0.080 20012020-B	20	0.080	0.080	0.00	0.000
0.199 4110320133/2	31	0.204	0.199	2.51	0.005
0.080 20012020-B	42	0.079	0.080	1.25	-0.001
0.400 11092018-A	53	0.407	0.400	1.75	0.007
0.040 14082019-B	54	0.040	0.040	0.00	0.000
0.199 4110320133/2	55	0.203	0.199	2.01	0.004
blank 111020WB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.677	177.289	0.072
0.100	60.219	167.361	0.360
0.200	120.885	168.454	0.718
0.400	243.601	168.664	1.444

### 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> 27Dec21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 12/27/2021 8:47:41 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Brooke <i>MB</i>
<b>Data file:</b> C:\Chem32\1\Data\27Dec21\1.D	

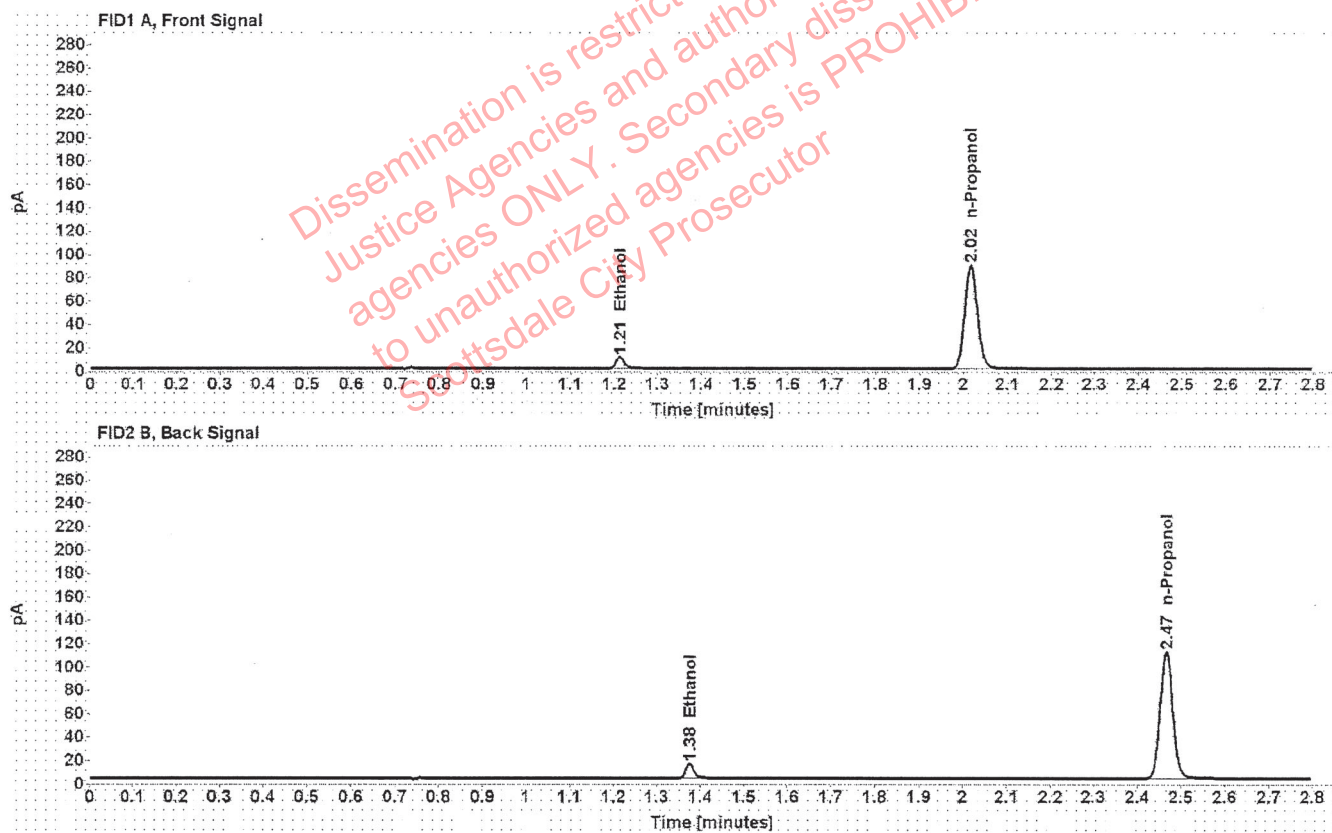


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	12.677
n-Propanol	2.016	177.289

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

Compound	Time (min)	Peak Area
Ethanol	1.376	15.695
n-Propanol	2.466	218.614

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05311902	<b>Vial:</b> 2
<b>Description:</b> 0.100 calibrator	<b>Sequence:</b> 27Dec21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 12/27/2021 8:51:41 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Brooke <span style="float: right;">BB</span>
<b>Data file:</b> C:\Chem32\1\Data\27Dec21\2.D	

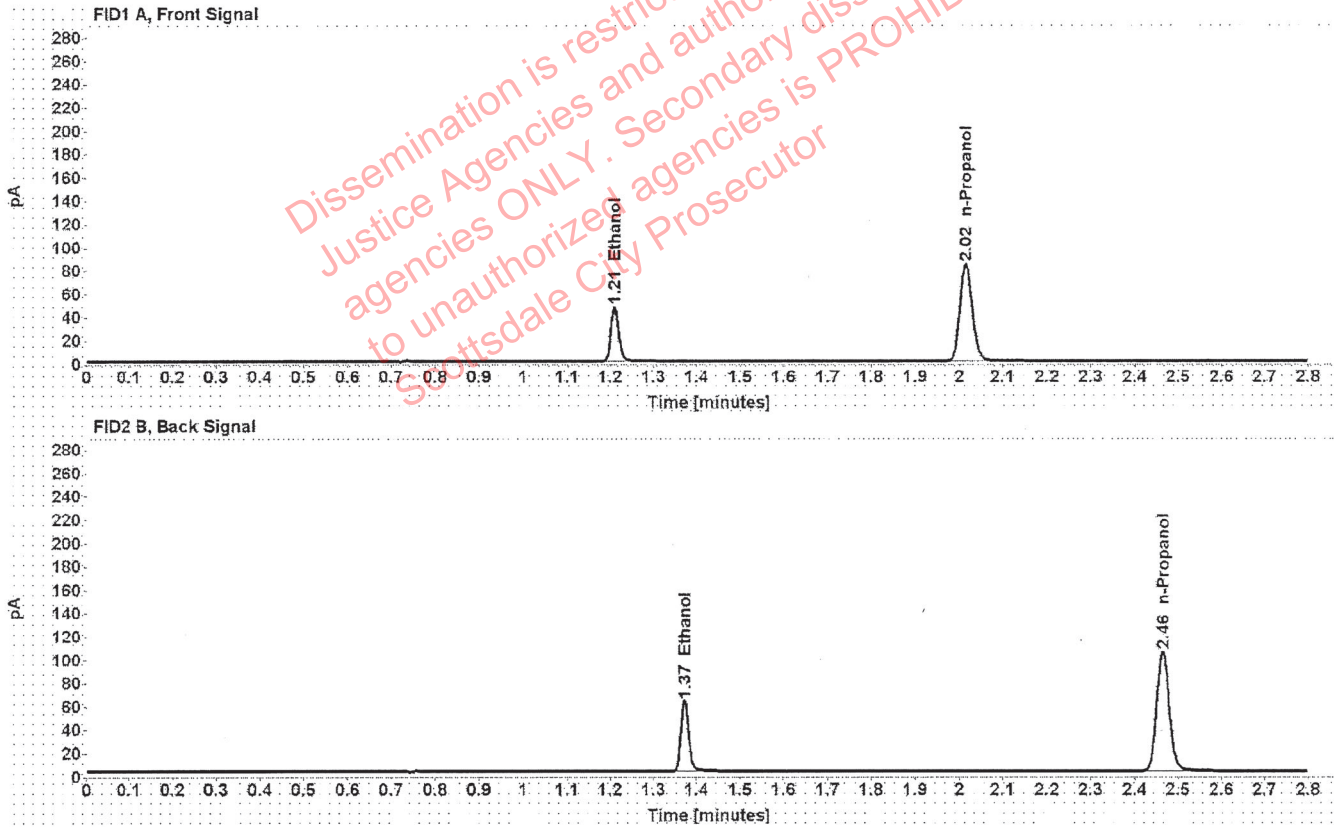


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	60.219
n-Propanol	2.015	167.361

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

Compound	Time (min)	Peak Area
Ethanol	1.373	74.589
n-Propanol	2.465	206.493

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN05101903	<b>Vial:</b>	3
<b>Description:</b>	0.200 calibrator	<b>Sequence:</b>	27Dec21
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	12/27/2021 8:55:42 PM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Brooke <span style="float: right;">RB</span>
<b>Data file:</b>	C:\Chem32\1\Data\27Dec21\3.D		

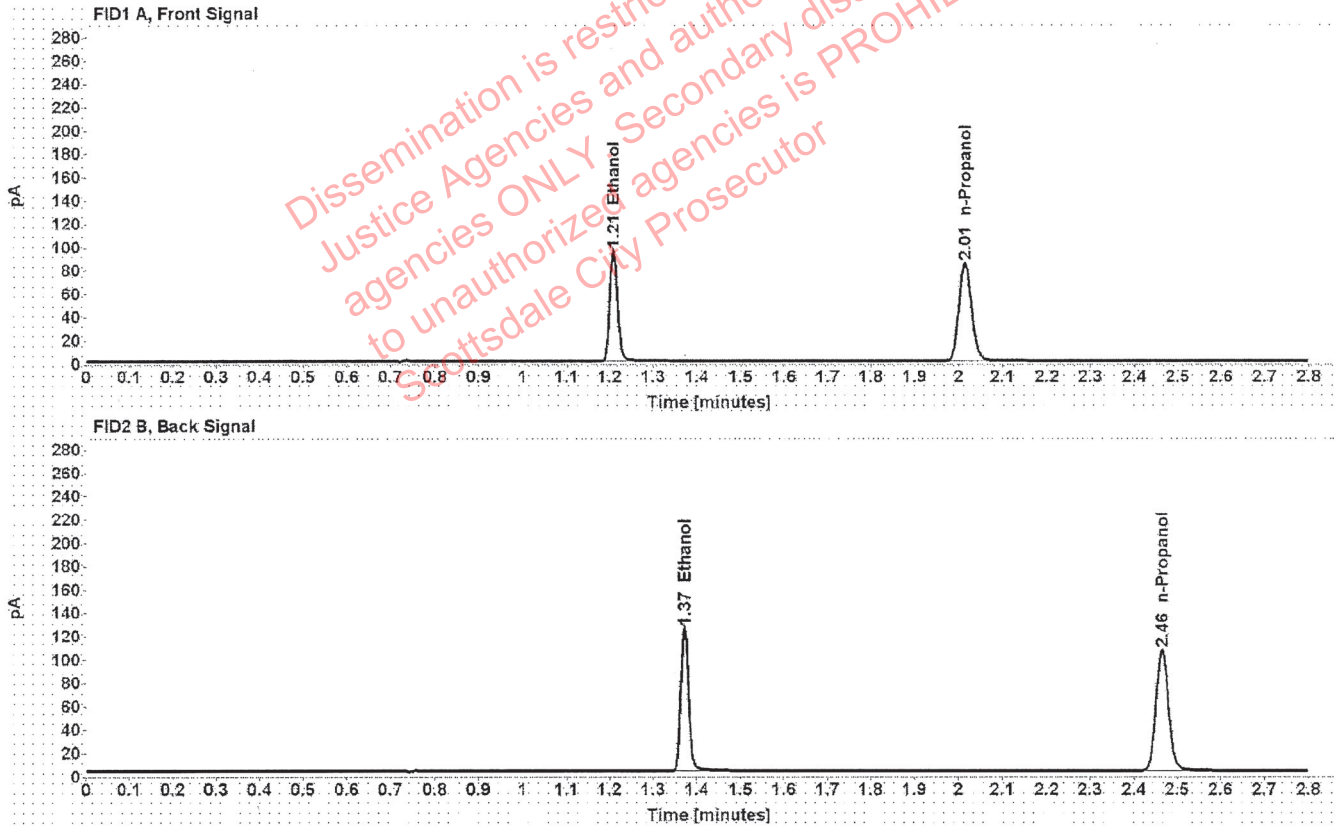


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	120.885
n-Propanol	2.015	168.454

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

Compound	Time (min)	Peak Area
Ethanol	1.372	150.396
n-Propanol	2.465	208.012

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN10051906	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 27Dec21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 12/27/2021 8:59:41 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Brooke <i>RB</i>
<b>Data file:</b> C:\Chem32\1\Data\27Dec21\4.D	

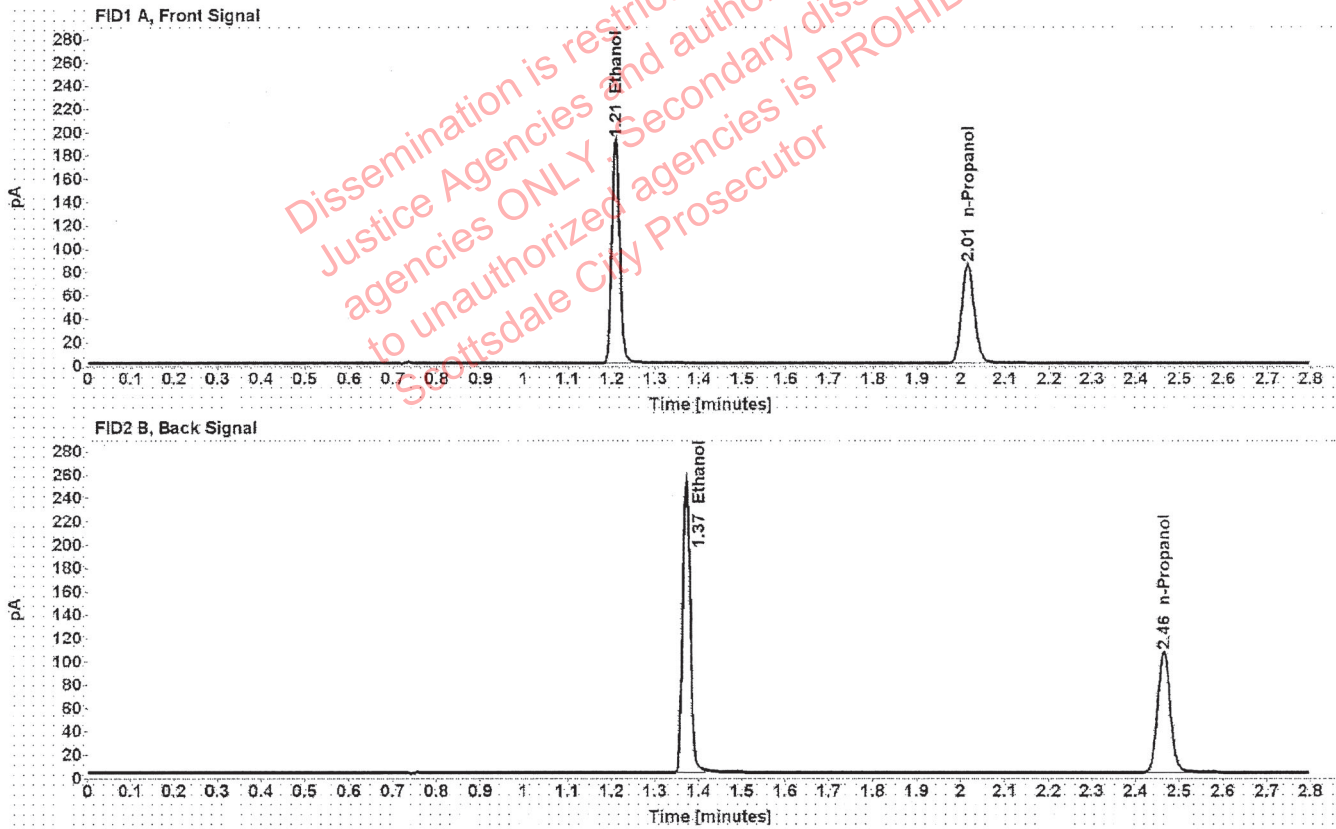


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	243.601
n-Propanol	2.015	168.664

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

Compound	Time (min)	Peak Area
Ethanol	1.372	304.412
n-Propanol	2.465	208.725

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	100421AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 9:03:41 PM
Data file:	C:\Chem32\1\Data\27Dec21\5.D	Analyst:	Brooke <i>YB</i>

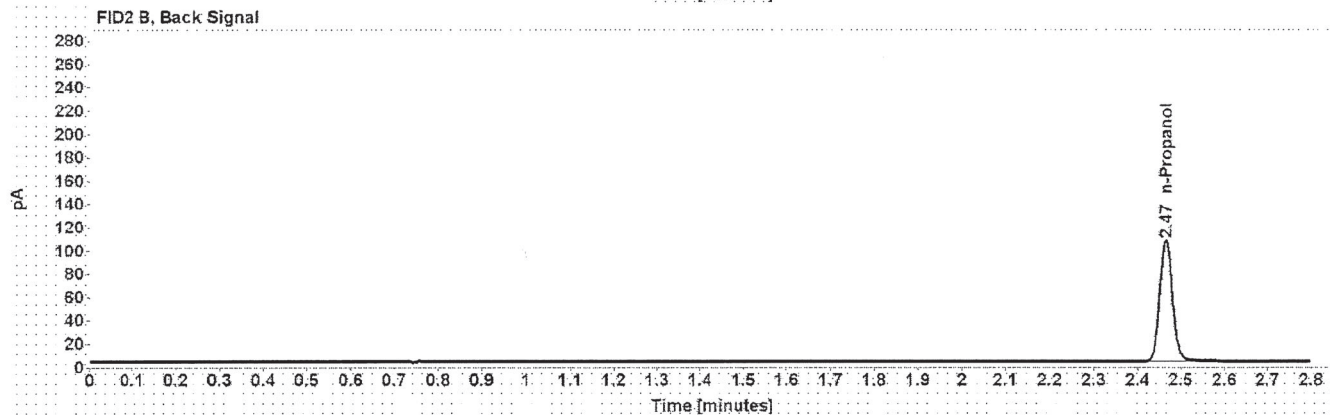


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	169.113

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	209.169

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 9:07:41 PM
Data file:	C:\Chem32\1\Data\27Dec21\6.D	Analyst:	Brooke <sup>113</sup>

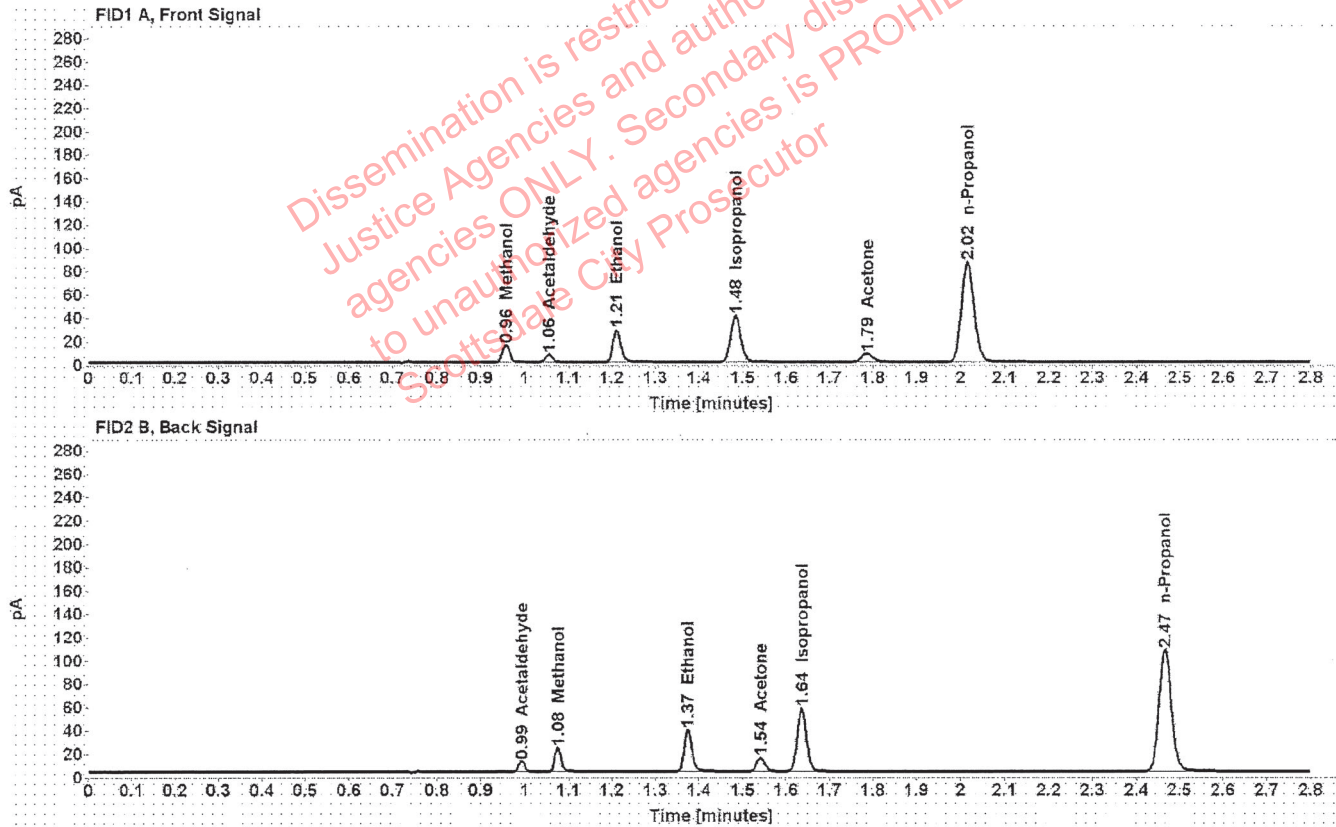


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	16.769
Acetaldehyde	-----	1.056	6.643
>Ethanol	0.0584	1.211	35.557
Isopropanol	-----	1.484	63.286
Acetone	-----	1.786	12.235
n-Propanol	-----	2.016	170.123

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	8.699
Methanol	1.076	21.654
Ethanol	1.374	44.064
Acetone	1.541	15.383
Isopropanol	1.636	81.116
n-Propanol	2.466	210.773



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 9:11:56 PM
Data file:	C:\Chem32\1\Data\27Dec21\7.D	Analyst:	Brooke <i>AB</i>

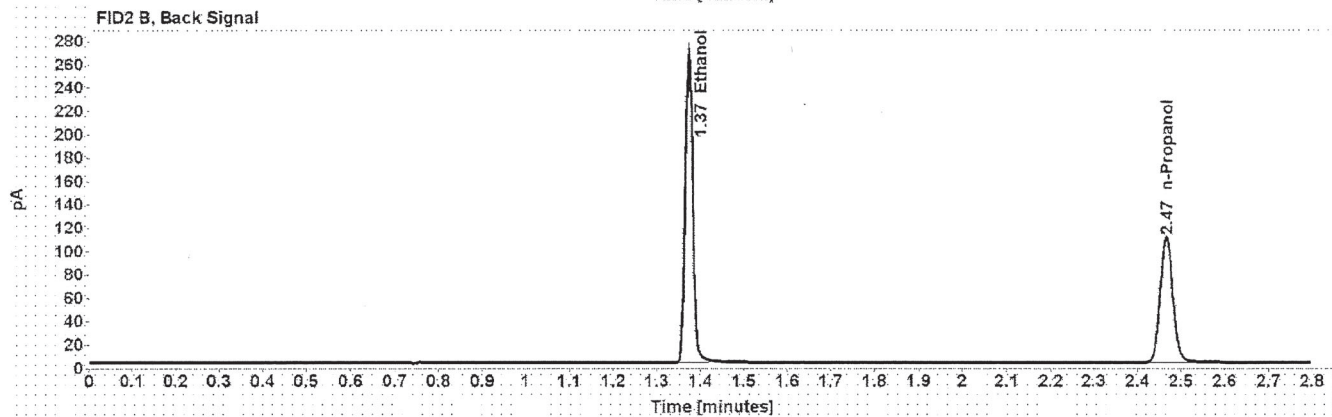
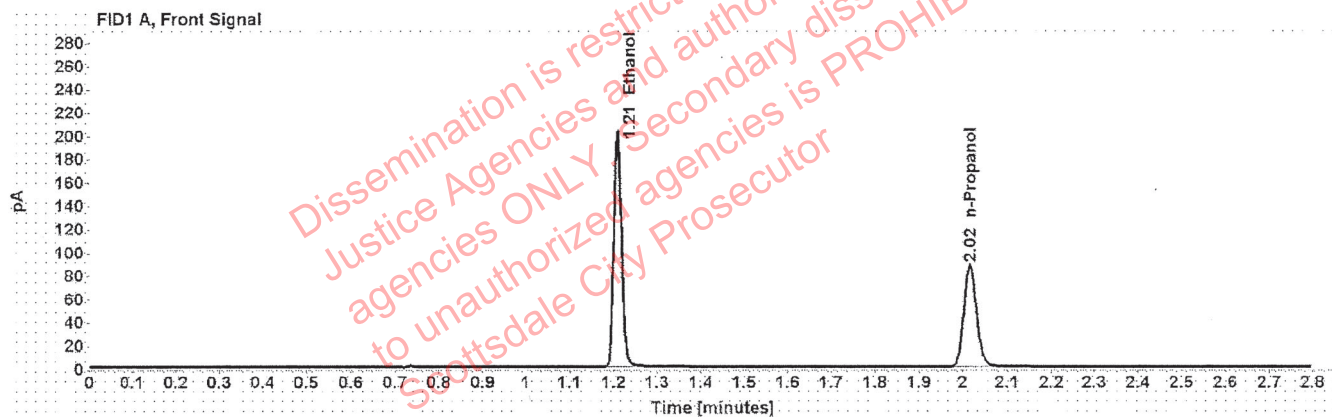


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4086	1.209	257.082
n-Propanol	-----	2.016	174.397

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

Compound	Time (min)	Peak Area
Ethanol	1.373	322.097
n-Propanol	2.466	216.488

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 9:15:57 PM
Data file:	C:\Chem32\1\Data\27Dec21\8.D	Analyst:	Brooke <i>VB</i>

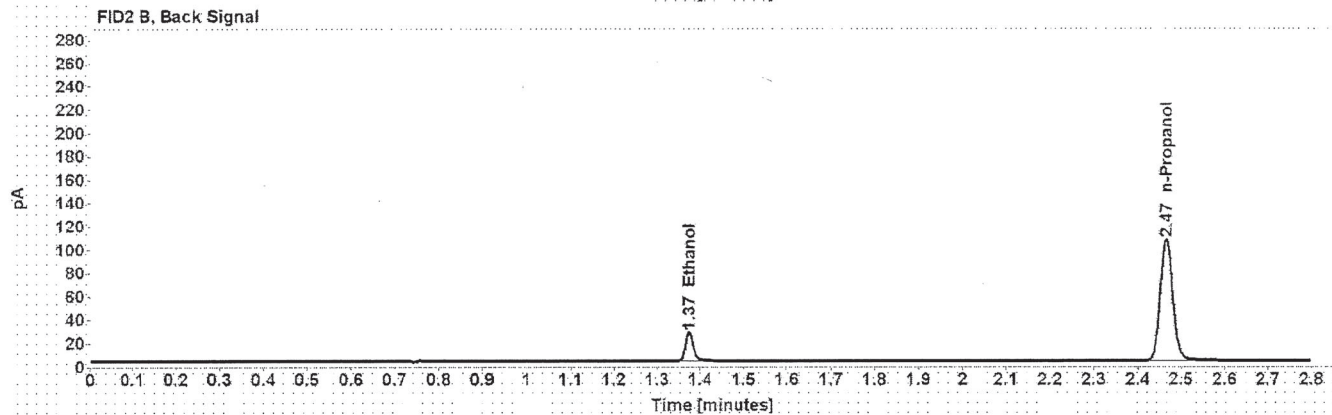


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0405	1.211	24.302
n-Propanol	-----	2.016	168.481

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.197
n-Propanol	2.466	209.205

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 4110320133/2	<b>Vial:</b> 9
<b>Description:</b> 0.199	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 27Dec21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 12/27/2021 9:19:57 PM
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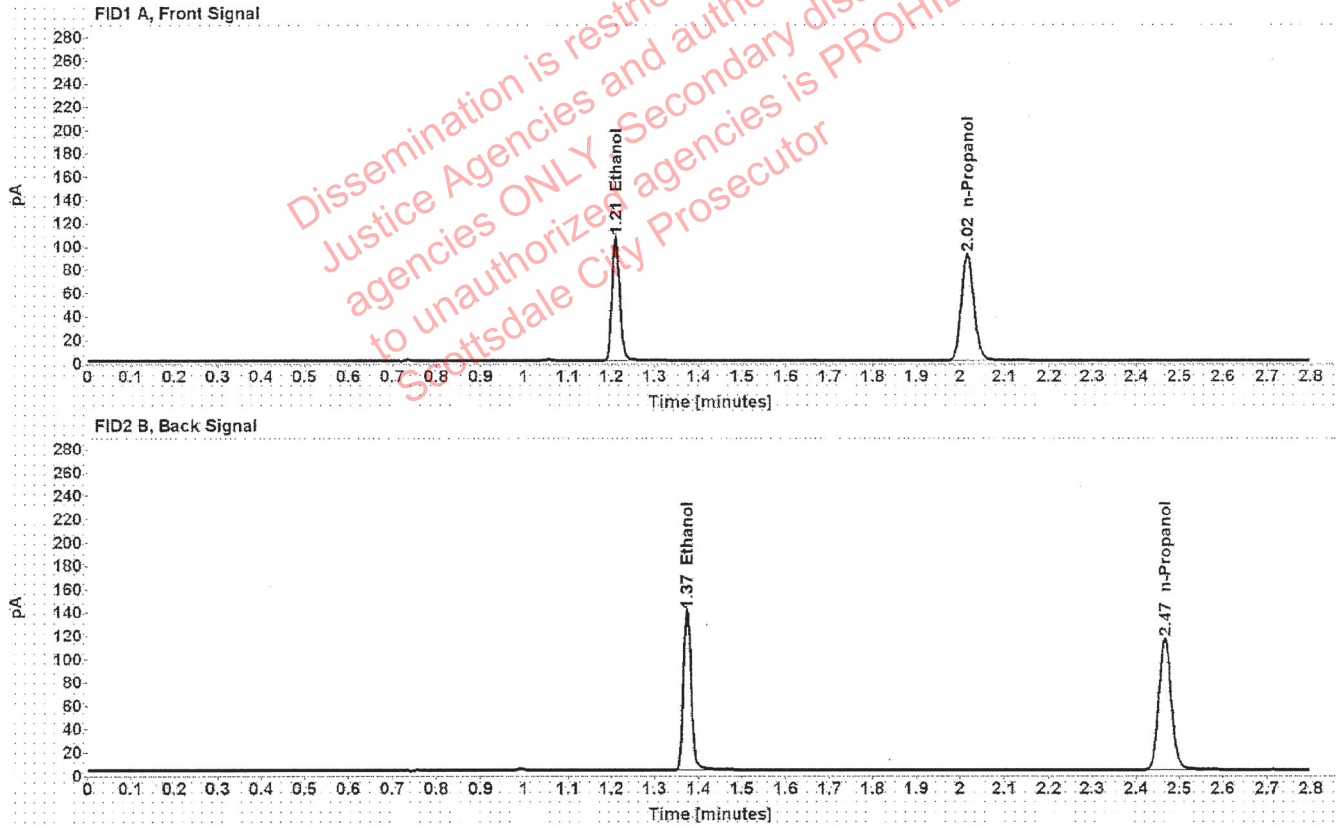


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2050	1.210	134.465
n-Propanol	-----	2.016	182.025

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

Compound	Time (min)	Peak Area
Ethanol	1.374	168.863
n-Propanol	2.467	226.446

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 10:04:27 PM
Data file:	C:\Chem32\1\Data\27Dec21\20.D	Analyst:	Brooke <i>PS</i>

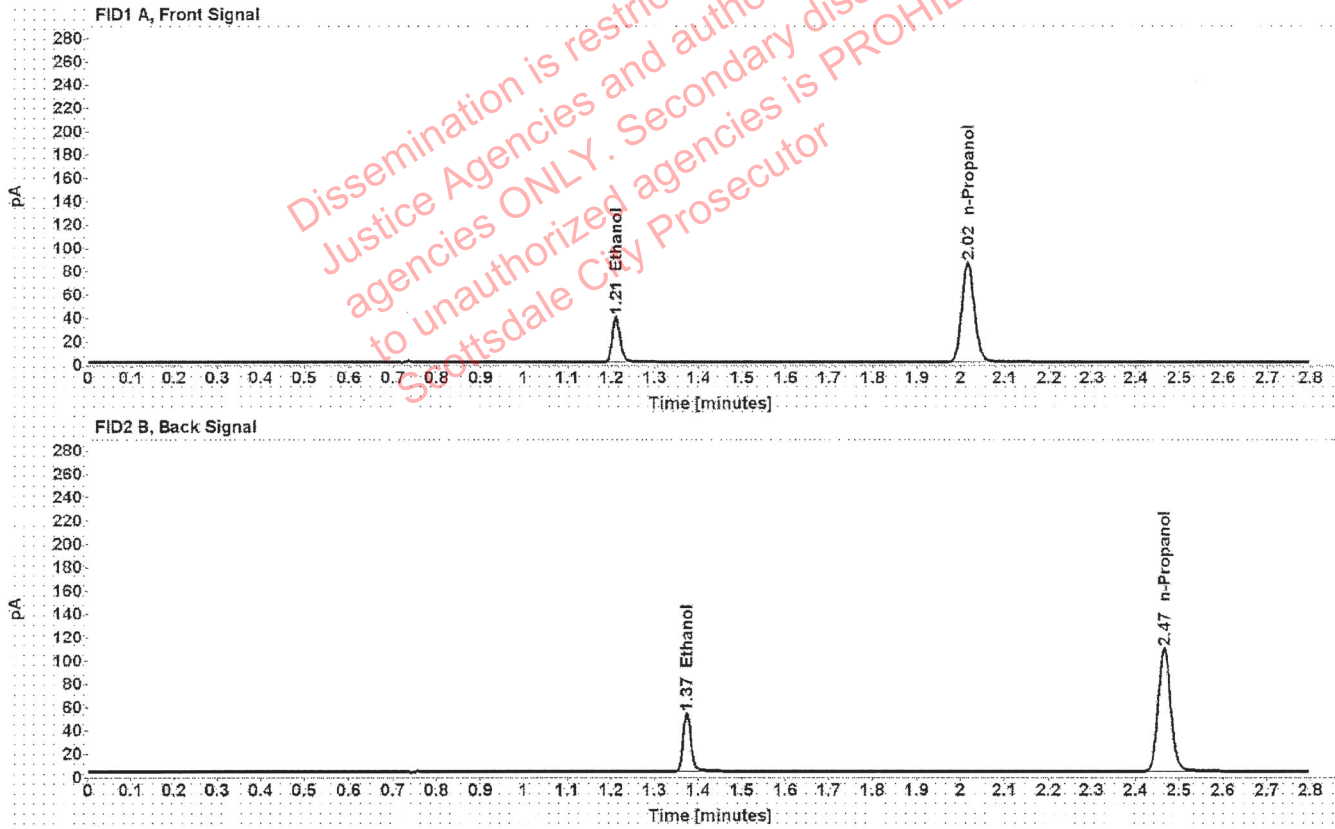


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0806	1.211	49.411
n-Propanol	-----	2.016	170.759

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

Compound	Time (min)	Peak Area
Ethanol	1.374	62.158
n-Propanol	2.466	213.405

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/2	Vial:	31
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 10:48:56 PM
Data file:	C:\Chem32\1\Data\27Dec21\31.D	Analyst:	Brooke <i>YB</i>

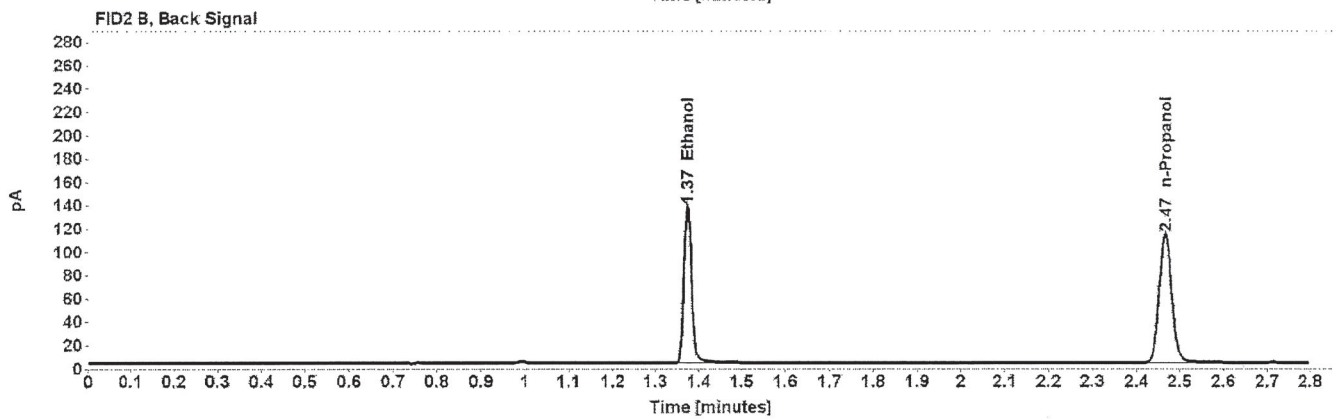
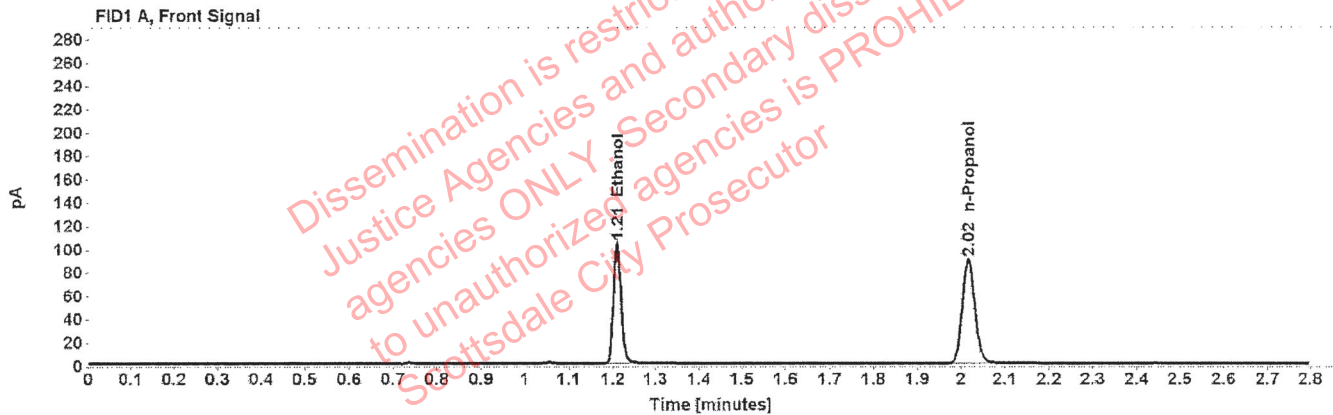


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2048	1.210	131.785
n-Propanol	-----	2.016	178.610

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

Compound	Time (min)	Peak Area
Ethanol	1.374	166.472
n-Propanol	2.466	224.071

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 20012020-B	<b>Vial:</b> 42
<b>Description:</b> 0.080	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 27Dec21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 12/27/2021 11:33:10 PM
<b>Data file:</b> C:\Chem32\1\Data\27Dec21\42.D	<b>Analyst:</b> Brooke <i>RB</i>

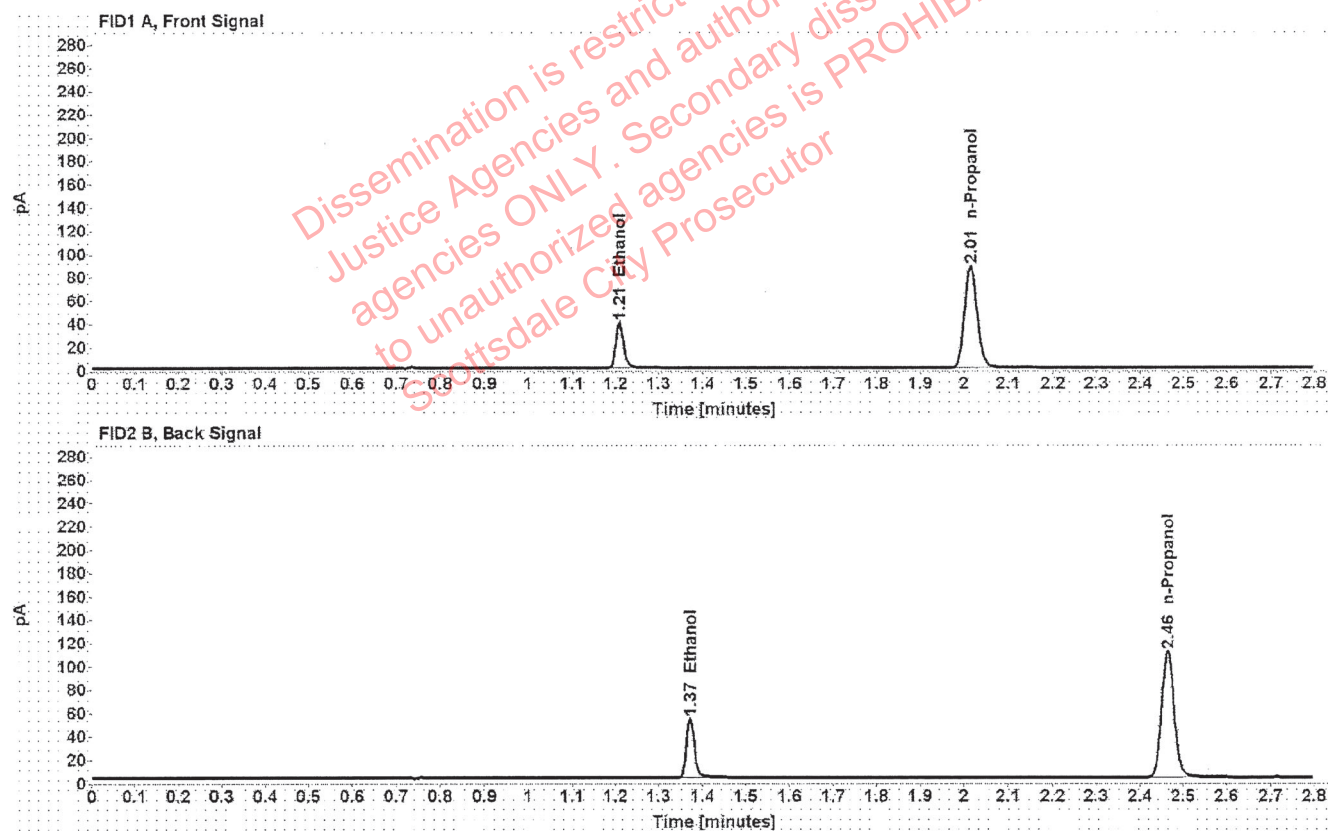


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0797	1.209	49.850
n-Propanol	-----	2.014	174.296

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

Compound	Time (min)	Peak Area
Ethanol	1.372	62.838
n-Propanol	2.464	218.596

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	11092018-A	<b>Vial:</b>	53
<b>Description:</b>	0.400	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	27Dec21
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	12/28/2021 12:17:40 AM
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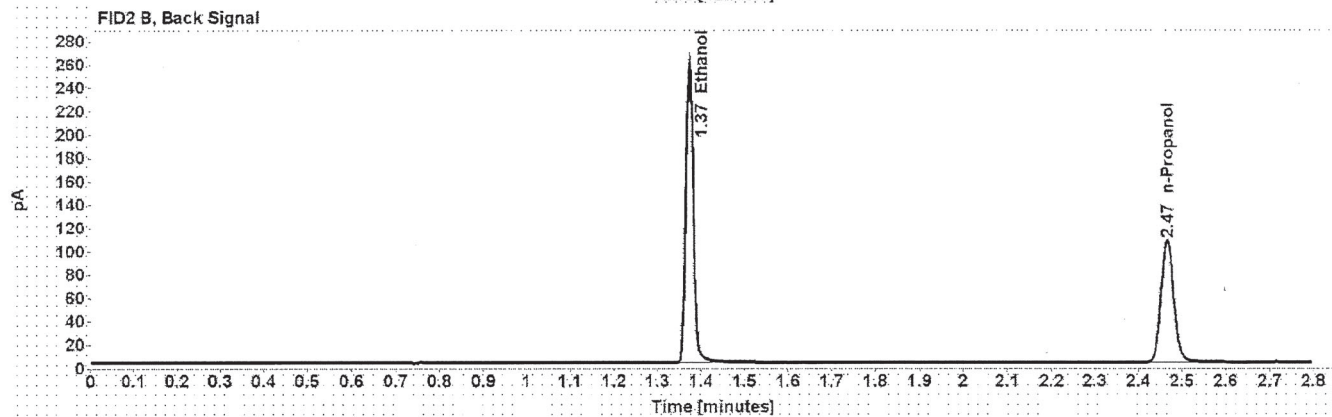
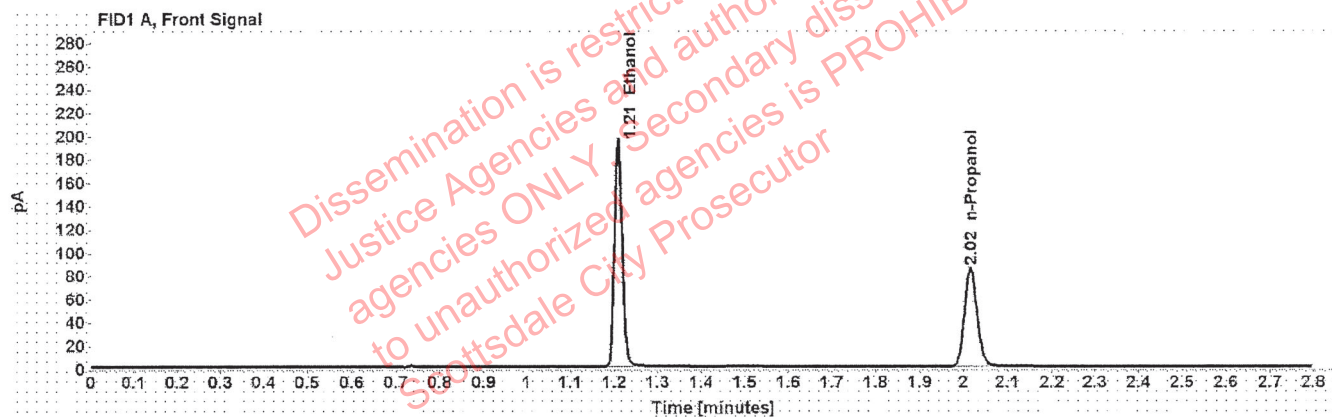


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4071	1.209	248.247
n-Propanol	-----	2.016	169.029

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

Compound	Time (min)	Peak Area
Ethanol	1.373	314.413
n-Propanol	2.466	212.184

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 54
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 27Dec21
Instrument: US14173023 CN14160045	Injection date: 12/28/2021 12:21:40 AM
Data file: C:\Chem32\1\Data\27Dec21\54.D	Analyst: Brooke <i>YB</i>

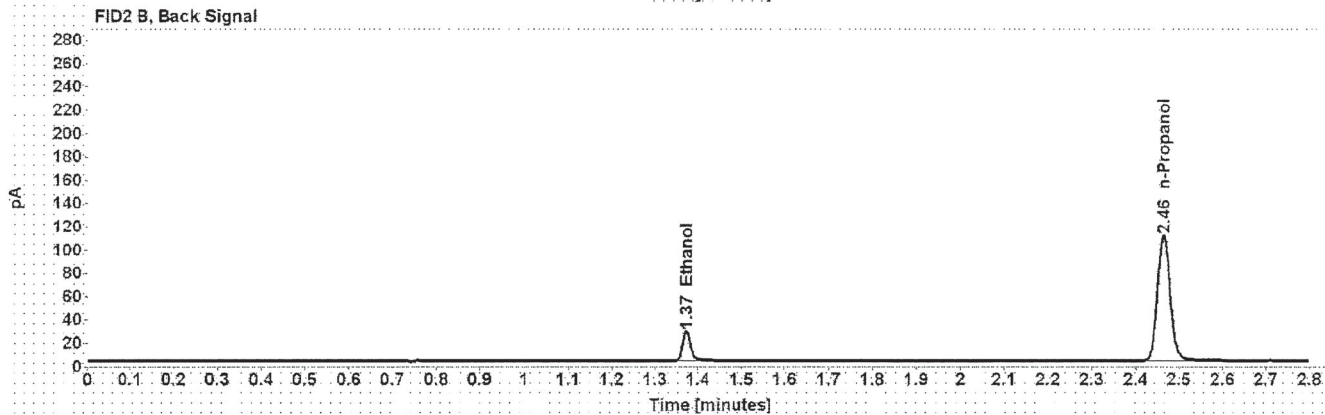
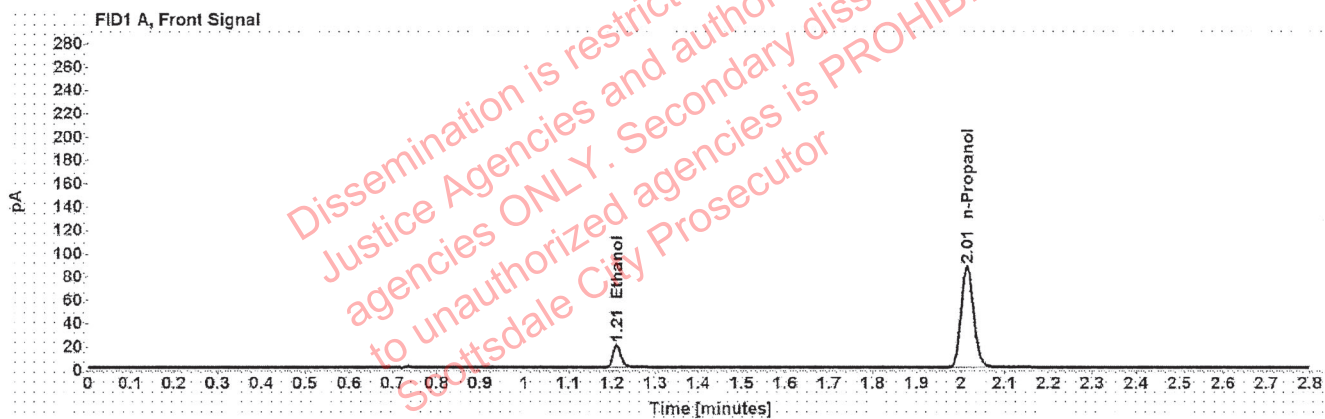


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0404	1.211	24.974
n-Propanol	-----	2.015	173.351

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

Compound	Time (min)	Peak Area
Ethanol	1.373	31.320
n-Propanol	2.464	217.639



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 4110320133/2	<b>Vial:</b> 55
<b>Description:</b> 0.199	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 27Dec21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 12/28/2021 12:25:55 AM
<b>Data file:</b> C:\Chem32\1\Data\27Dec21\55.D	<b>Analyst:</b> Brooke <i>MB</i>

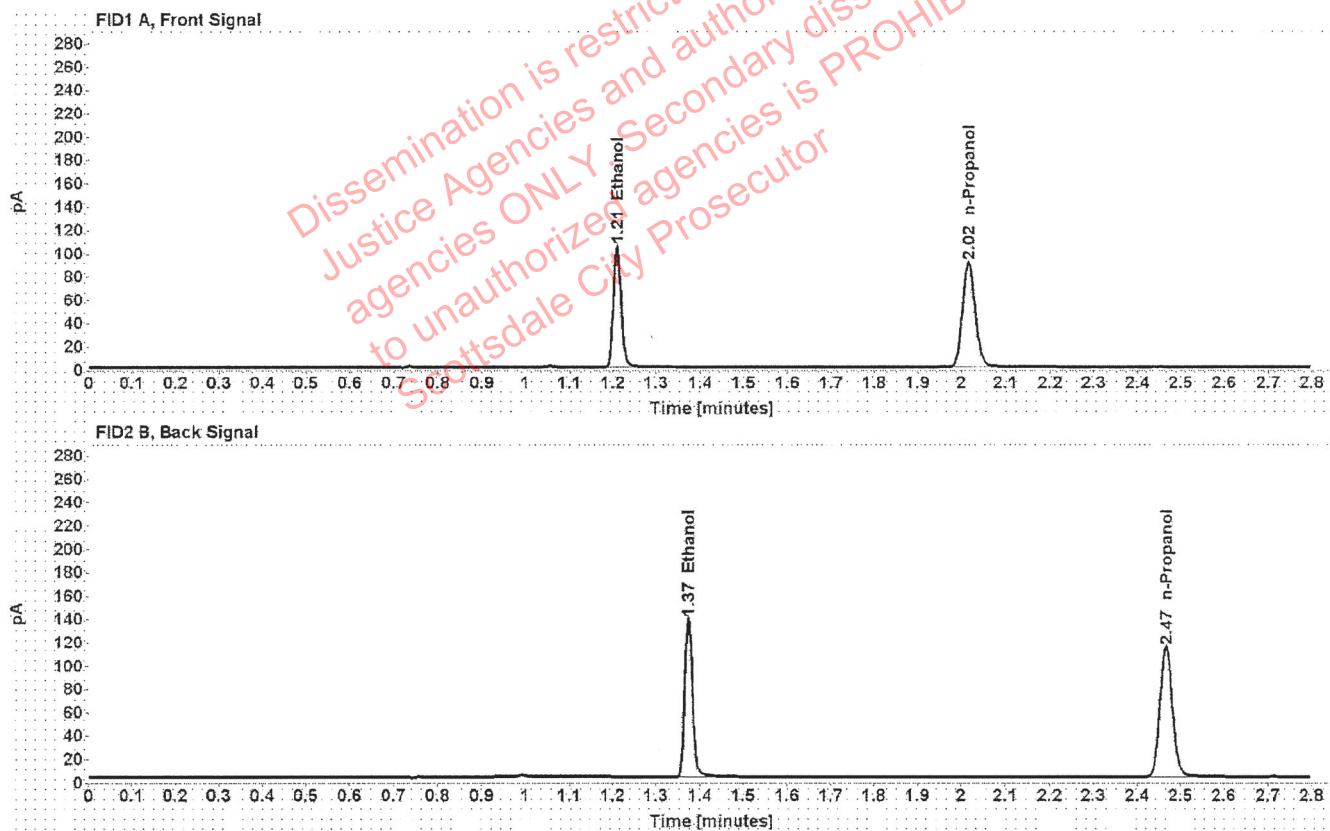


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2037	1.210	132.675
n-Propanol	-----	2.016	180.732

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

Compound	Time (min)	Peak Area
Ethanol	1.374	167.586
n-Propanol	2.466	225.735

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111020WB	Vial:	56
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/28/2021 12:29:55 AM
Data file:	C:\Chem32\1\Data\27Dec21\56.D	Analyst:	Brooke <i>YQB</i>

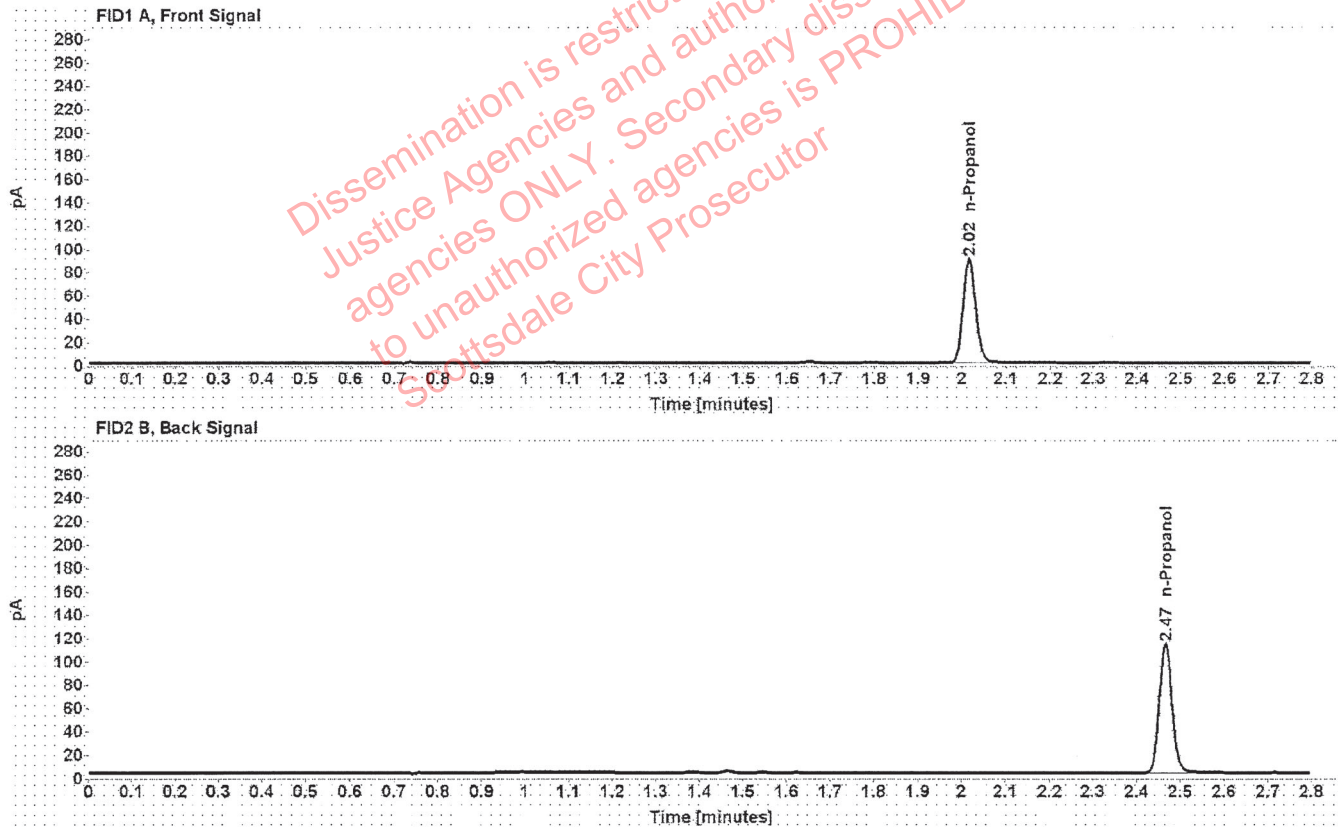


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	179.106

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	224.183

# Sequence Summary

Sequence name: 27Dec21      Instrument: US14173023 CN14160045      Analyst: Brooke TB

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	32701DG		Sample		ethanol quant.M
11	32701DG		Sample		ethanol quant.M
12	32701SK		Sample		ethanol quant.M
13	32701SK		Sample		ethanol quant.M
14	17601NV		Sample		ethanol quant.M
15	17601NV		Sample		ethanol quant.M
16	32701DA		Sample		ethanol quant.M
17	32701DA		Sample		ethanol quant.M
18	32701TK		Sample		ethanol quant.M
19	32701TK		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	32701JI		Sample		ethanol quant.M
22	32701JI		Sample		ethanol quant.M
23	18601SP		Sample		ethanol quant.M
24	18601SP		Sample		ethanol quant.M
25	32701AE		Sample		ethanol quant.M
26	32701AE		Sample		ethanol quant.M
27	17601AM		Sample		ethanol quant.M
28	17601AM		Sample		ethanol quant.M
29	13501RK		Sample		ethanol quant.M
30	13501RK		Sample		ethanol quant.M
31	4110320133/2	0.199	Control		ethanol quant.M
32	31801CW		Sample		ethanol quant.M
33	31801CW		Sample		ethanol quant.M
34	1401611		Sample		ethanol quant.M
35	1401611		Sample		ethanol quant.M
36	1401628		Sample		ethanol quant.M
37	1401628		Sample		ethanol quant.M
38	1401741		Sample		ethanol quant.M
39	1401741		Sample		ethanol quant.M
40	1401753		Sample		ethanol quant.M
41	1401753		Sample		ethanol quant.M
42	20012020-B	0.080	Control		ethanol quant.M
43	1401934		Sample		ethanol quant.M
44	1401934		Sample		ethanol quant.M
45	1401915		Sample		ethanol quant.M
46	1401915		Sample		ethanol quant.M
47	1402450		Sample		ethanol quant.M

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

# Sequence Summary

AB

48	1402450		Sample		ethanol quant.M
49	1402068		Sample		ethanol quant.M
50	1402068		Sample		ethanol quant.M
51	1302134		Sample		ethanol quant.M
52	1302134		Sample		ethanol quant.M
53	11092018-A	0.400	Control		ethanol quant.M
54	14082019-B	0.040	Control		ethanol quant.M
55	4110320133/2	0.199	Control		ethanol quant.M
56	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

493

SEQUENCE NAME: 27Dec21

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1927	0.1911	0.19190	0.42	0.00080
12 13	0.1739	0.1750	0.17445	0.32	0.00055
14 15	0.2638	0.2644	0.26410	0.11	0.00030
16 17	0.1555	0.1541	0.15480	0.45	0.00070
18 19	0.1825	0.1815	0.18200	0.27	0.00050
21 22	0.1018	0.1011	0.10145	0.34	0.00035
23 24	0.2020	0.2031	0.20255	0.27	0.00055
25 26	0.1862	0.1855	0.18585	0.19	0.00035
27 28	0.2070	0.2079	0.20745	0.22	0.00045
29 30	0.0938	0.0931	0.09345	0.37	0.00035
32 33	0.3022	0.3008	0.30150	0.23	0.00070
34 35	0.0694	0.0700	0.06970	0.43	0.00030
36 37	0.1351	0.1336	0.13435	0.56	0.00075
38 39	0.2047	0.2052	0.20495	0.12	0.00025
40 41	0.1354	0.1349	0.13515	0.18	0.00025
43 44	0.1731	0.1753	0.17420	0.63	0.00110
45 46	0.1583	0.1592	0.15875	0.28	0.00045
47 48	0.0867	0.0859	0.08630	0.46	0.00040
49 50	0.0968	0.0970	0.09690	0.10	0.00010
51 52	0.1267	0.1270	0.12685	0.12	0.00015

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

# Scottsdale Forensic Lab Blood Alcohol Pipetting Log

ANALYST: Brooke

SEQUENCE: 27Dec21

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	32701DG	32701DG	32701DG	Yes
Vials 12 and 13	32701SK	32701SK	32701SK	Yes
Vials 14 and 15	17601NV	17601NV	17601NV	Yes
Vials 16 and 17	32701DA	32701DA	32701DA	Yes
Vials 18 and 19	32701TK	32701TK	32701TK	Yes
Vials 21 and 22	32701JI	32701JI	32701JI	Yes
Vials 23 and 24	18601SP	18601SP	18601SP	Yes
Vials 25 and 26	32701AE	32701AE	32701AE	Yes
Vials 27 and 28	17601AM	17601AM	17601AM	Yes
Vials 29 and 30	13501RK	13501RK	13501RK	Yes
Vials 32 and 33	31801CW	31801CW	31801CW	Yes
Vials 34 and 35	1401611	1401611	1401611	Yes
Vials 36 and 37	1401628	1401628	1401628	Yes
Vials 38 and 39	1401741	1401741	1401741	Yes
Vials 40 and 41	1401753	1401753	1401753	Yes
Vials 43 and 44	1401934	1401934	1401934	Yes
Vials 45 and 46	1401915	1401915	1401915	Yes
Vials 47 and 48	1402450	1402450	1402450	Yes
Vials 49 and 50	1402068	1402068	1402068	Yes
Vials 51 and 52	1302134	1302134	1302134	Yes

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701DG	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 9:23:56 PM
Data file:	C:\Chem32\1\Data\27Dec21\10.D	Analyst:	Brooke

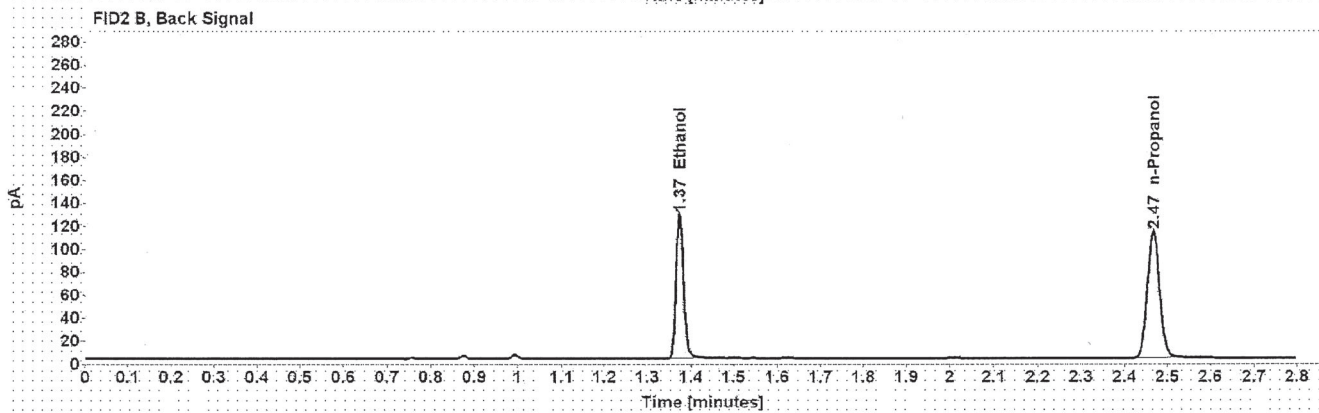
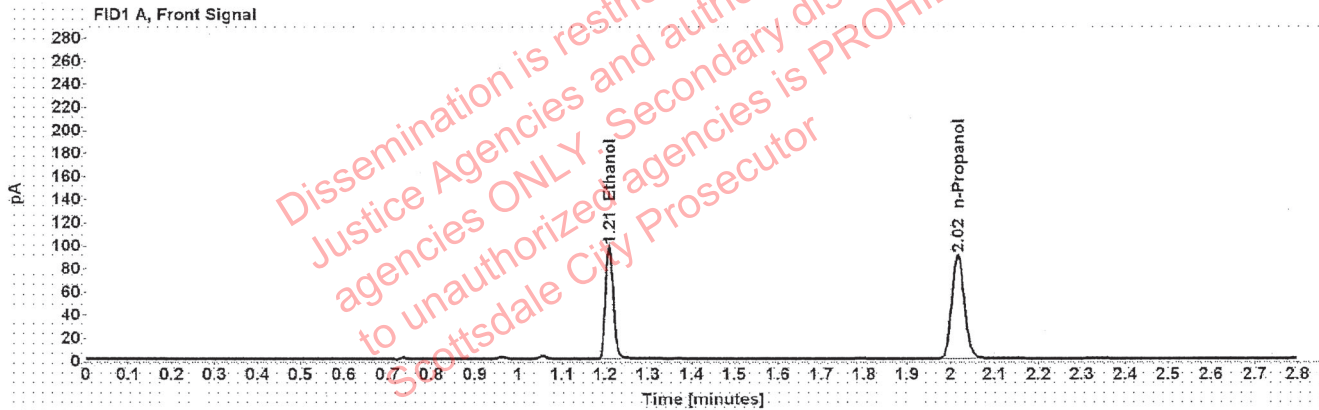


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1927	1.210	123.797
n-Propanol	-----	2.016	178.319

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

Compound	Time (min)	Peak Area
Ethanol	1.374	154.753
n-Propanol	2.467	222.215

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701DG	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 9:27:57 PM
Data file:	C:\Chem32\1\Data\27Dec21\11.D	Analyst:	Brooke

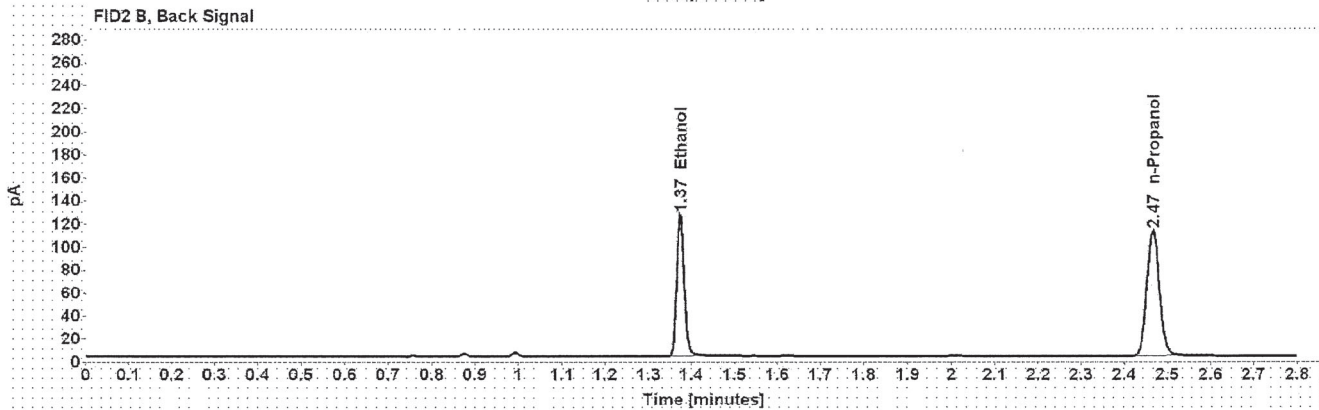
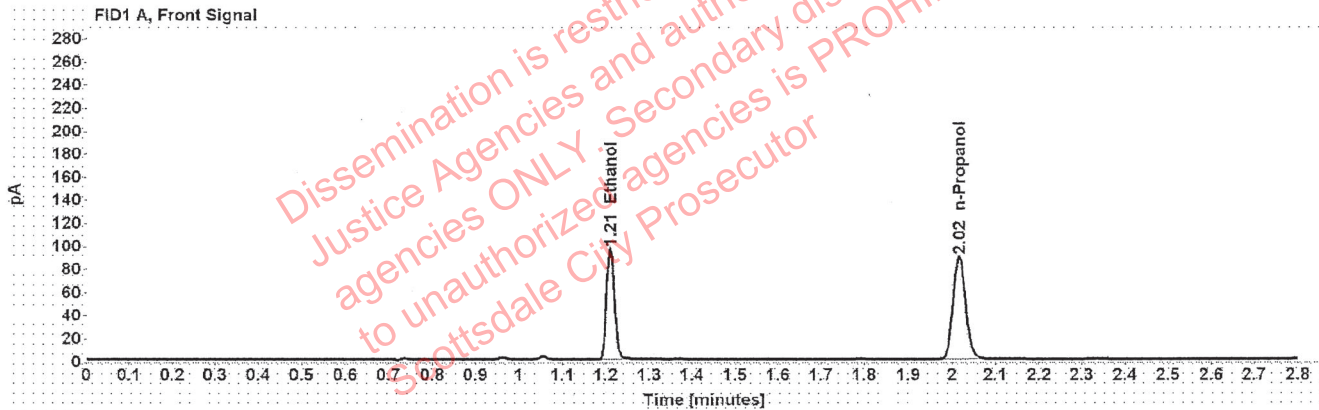


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1911	1.210	121.634
n-Propanol	-----	2.016	176.713

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

Compound	Time (min)	Peak Area
Ethanol	1.374	151.981
n-Propanol	2.466	220.268



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701SK	Vial:	12
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 9:31:56 PM
Data file:	C:\Chem32\1\Data\27Dec21\12.D	Analyst:	Brooke

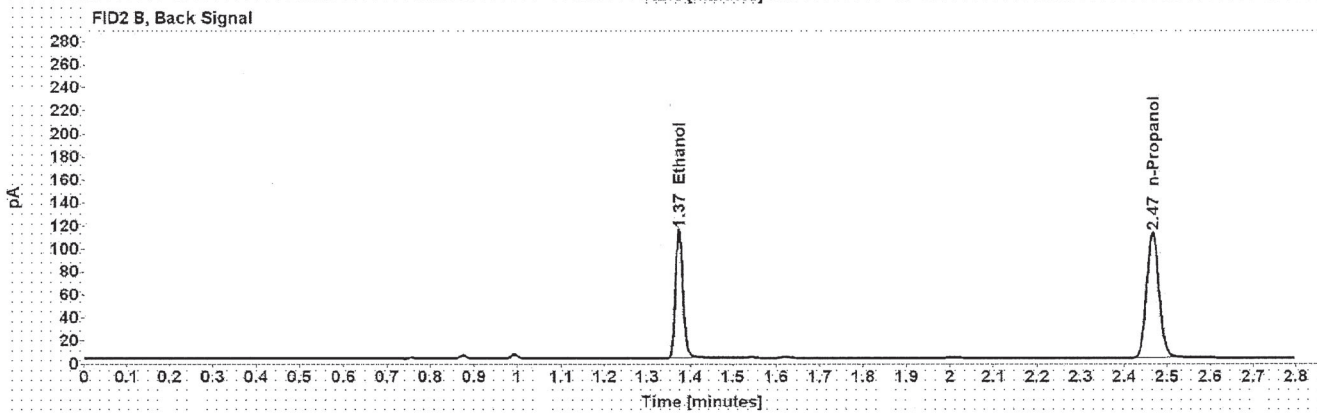
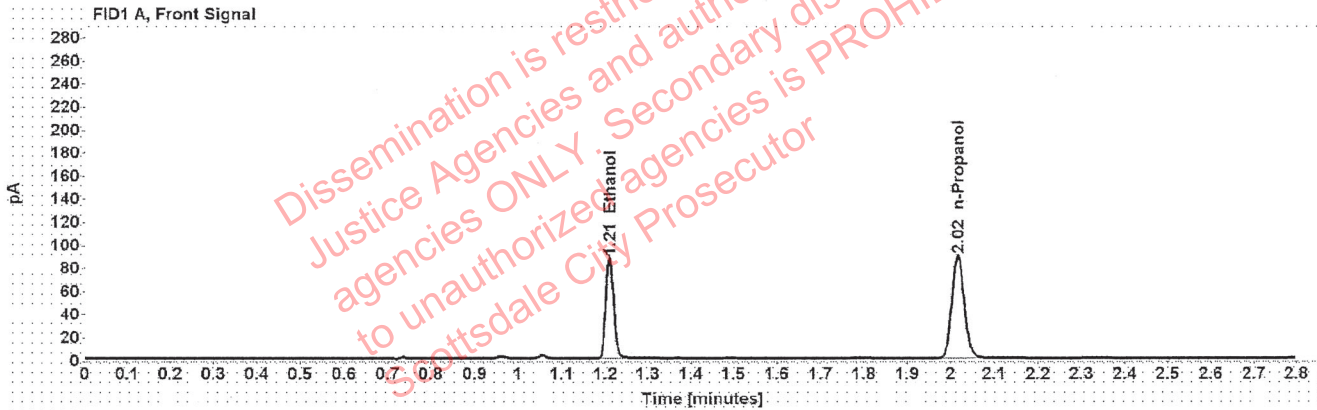


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1739	1.210	110.462
n-Propanol	-----	2.016	176.344

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

Compound	Time (min)	Peak Area
Ethanol	1.374	138.044
n-Propanol	2.466	219.966

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701SK	Vial:	13
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 9:36:12 PM
Data file:	C:\Chem32\1\Data\27Dec21\13.D	Analyst:	Brooke

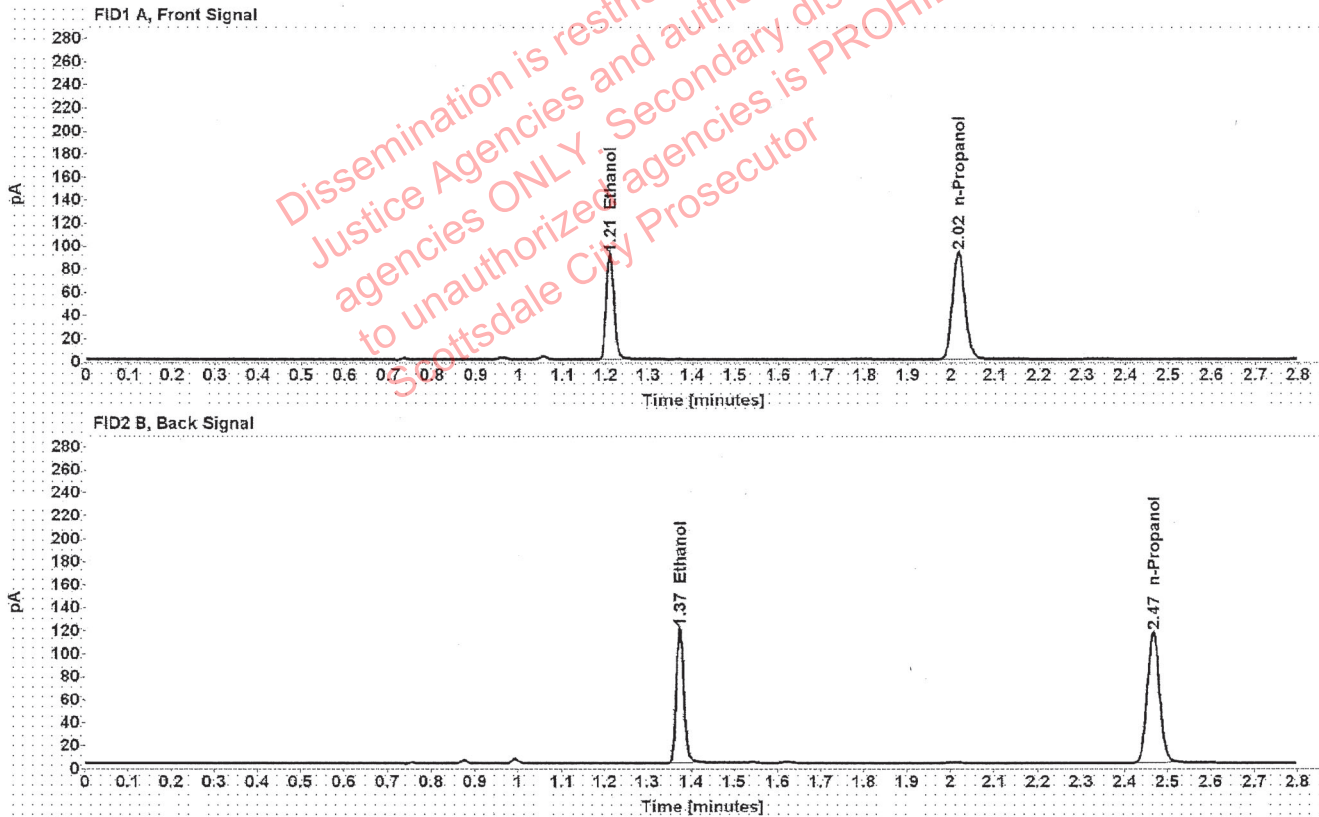


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1750	1.210	116.017
n-Propanol	-----	2.016	184.125

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

Compound	Time (min)	Peak Area
Ethanol	1.374	145.009
n-Propanol	2.466	229.749

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 17601NV	Vial: 14
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 27Dec21
Instrument: US14173023 CN14160045	Injection date: 12/27/2021 9:40:11 PM
Data file: C:\Chem32\1\Data\27Dec21\14.D	Analyst: Brooke

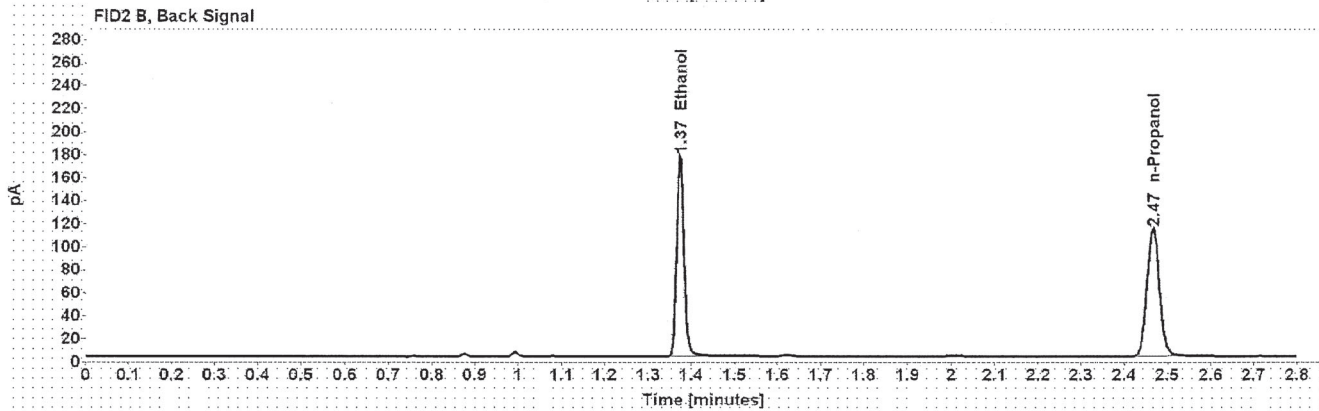
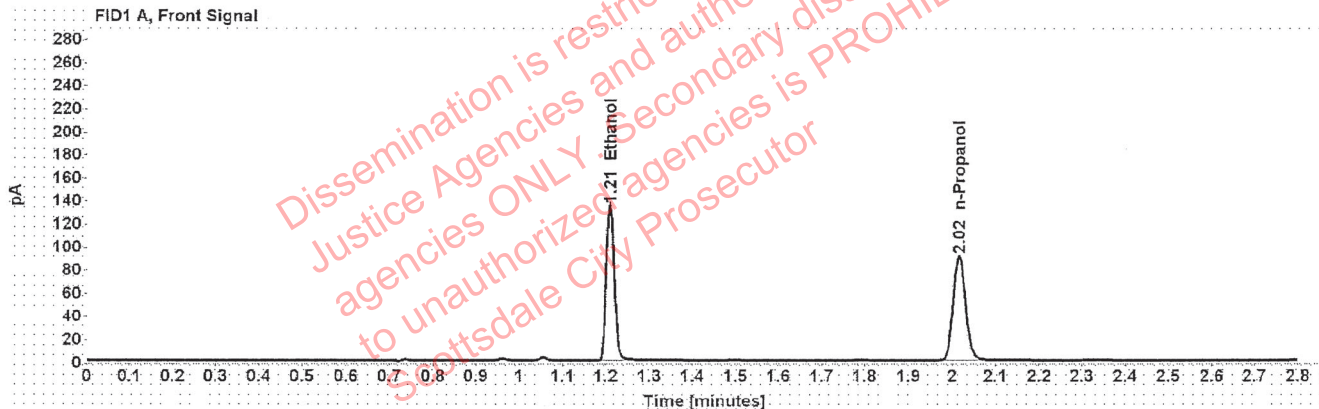


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2638	1.210	170.608
n-Propanol	-----	2.016	179.426

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

Compound	Time (min)	Peak Area
Ethanol	1.374	215.588
n-Propanol	2.467	224.568

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17601NV	Vial:	15
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 9:44:12 PM
Data file:	C:\Chem32\1\Data\27Dec21\15.D	Analyst:	Brooke

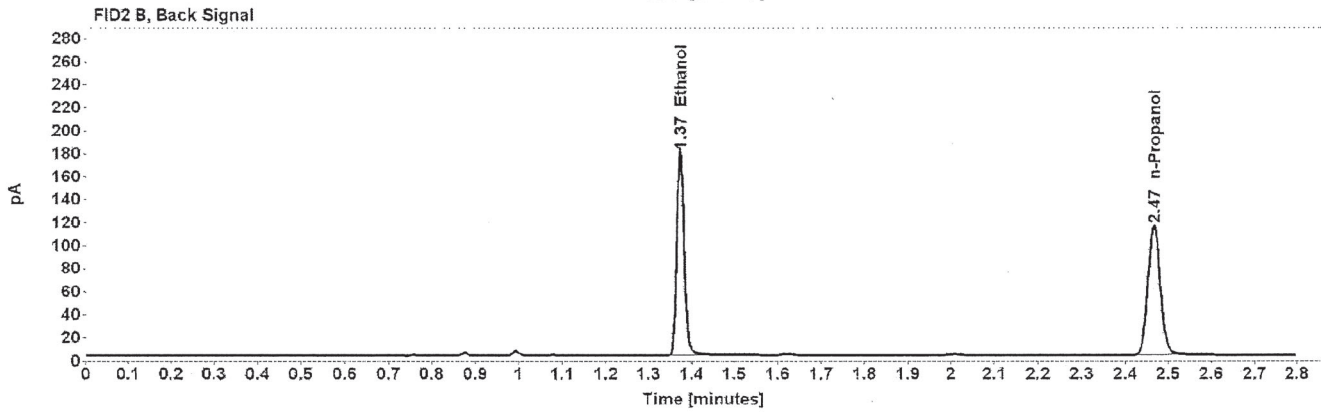
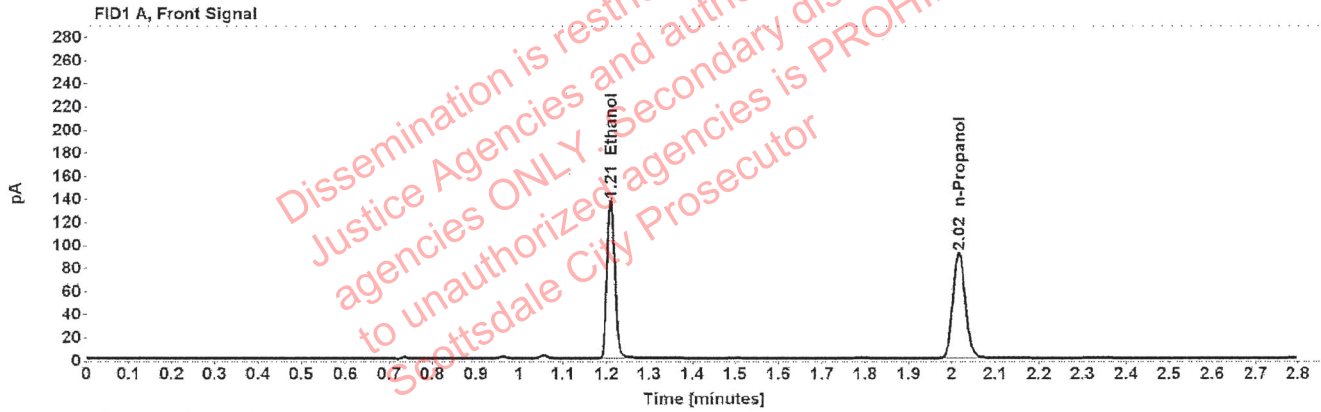


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2644	1.210	173.217
n-Propanol	-----	2.016	181.692

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

Compound	Time (min)	Peak Area
Ethanol	1.374	219.117
n-Propanol	2.466	227.471

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701DA	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 9:48:11 PM
Data file:	C:\Chem32\1\Data\27Dec21\16.D	Analyst:	Brooke

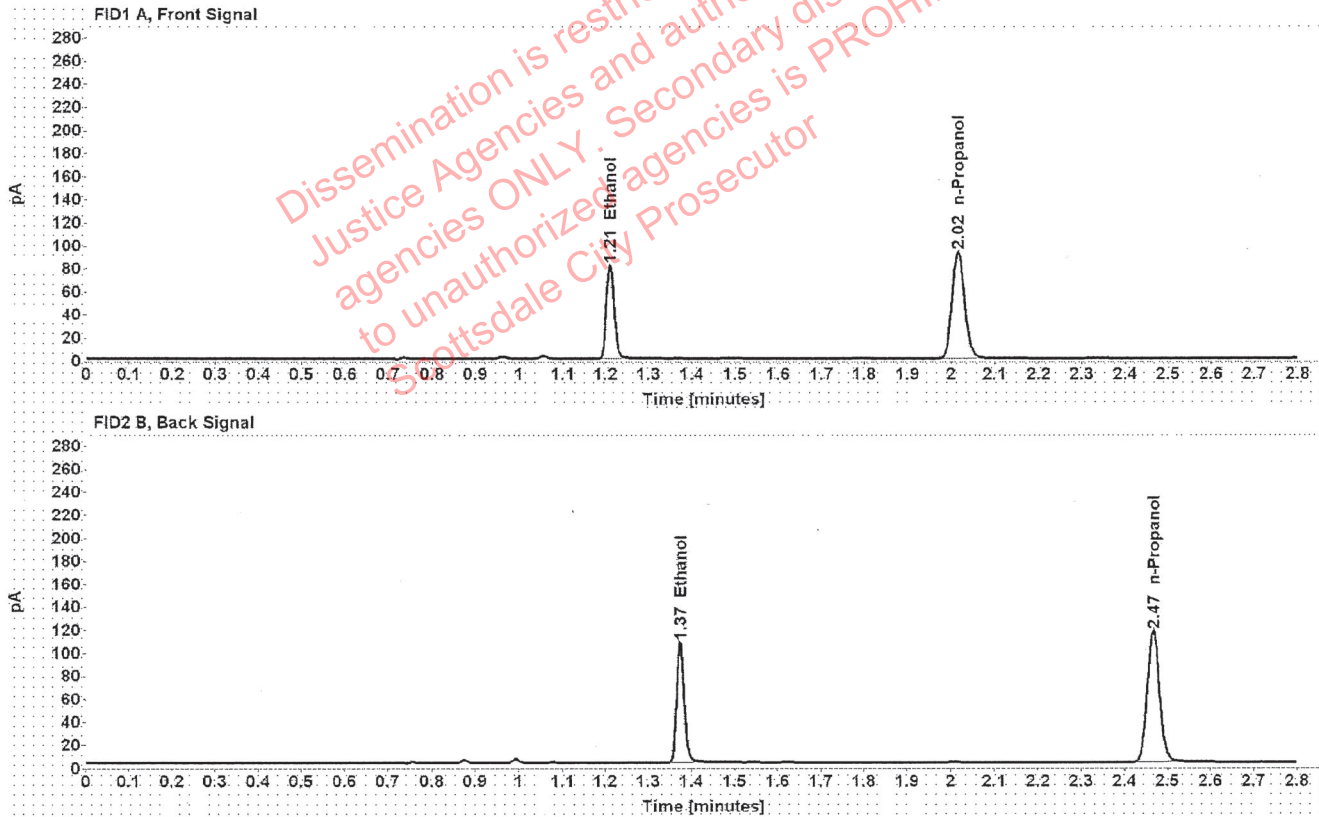


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1555	1.210	103.424
n-Propanol	-----	2.016	184.716

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

Compound	Time (min)	Peak Area
Ethanol	1.374	129.591
n-Propanol	2.466	230.977

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701DA	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 9:52:12 PM
Data file:	C:\Chem32\1\Data\27Dec21\17.D	Analyst:	Brooke

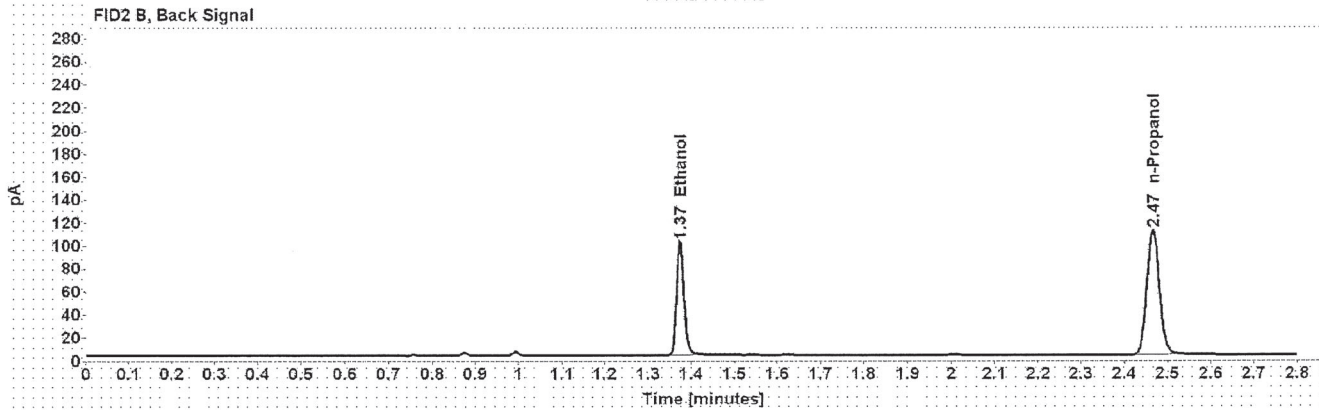
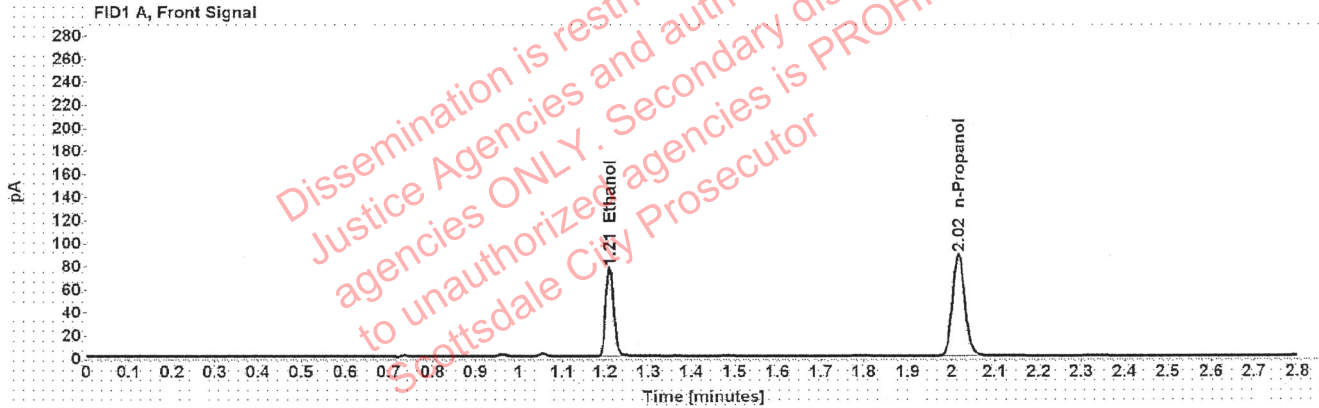


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1541	1.210	97.462
n-Propanol	-----	2.016	175.634

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

Compound	Time (min)	Peak Area
Ethanol	1.374	122.227
n-Propanol	2.466	219.687

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701TK	Vial:	18
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 9:56:11 PM
Data file:	C:\Chem32\1\Data\27Dec21\18.D	Analyst:	Brooke

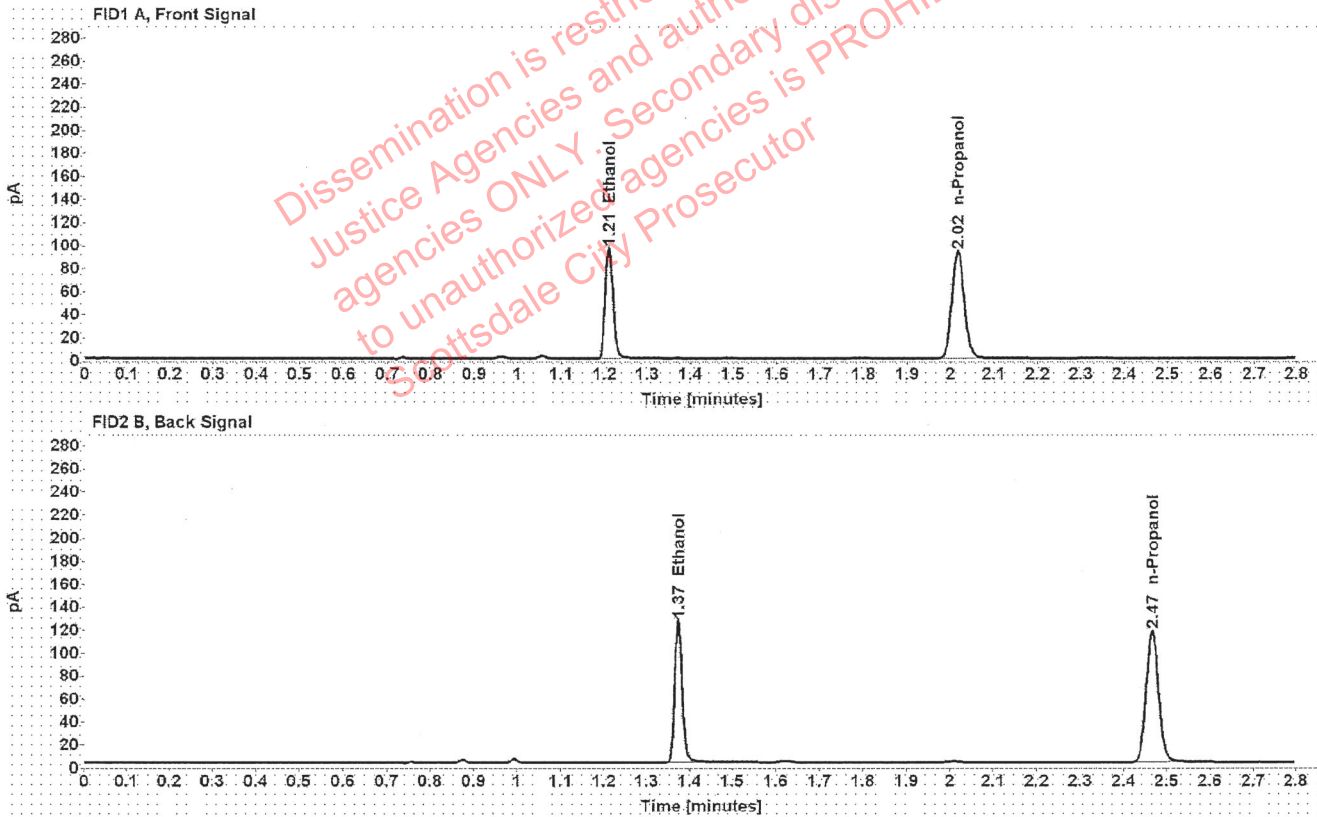


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1825	1.210	121.256
n-Propanol	-----	2.016	184.443

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

Compound	Time (min)	Peak Area
Ethanol	1.374	153.469
n-Propanol	2.466	231.203

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701TK	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 10:00:27 PM
Data file:	C:\Chem32\1\Data\27Dec21\19.D	Analyst:	Brooke

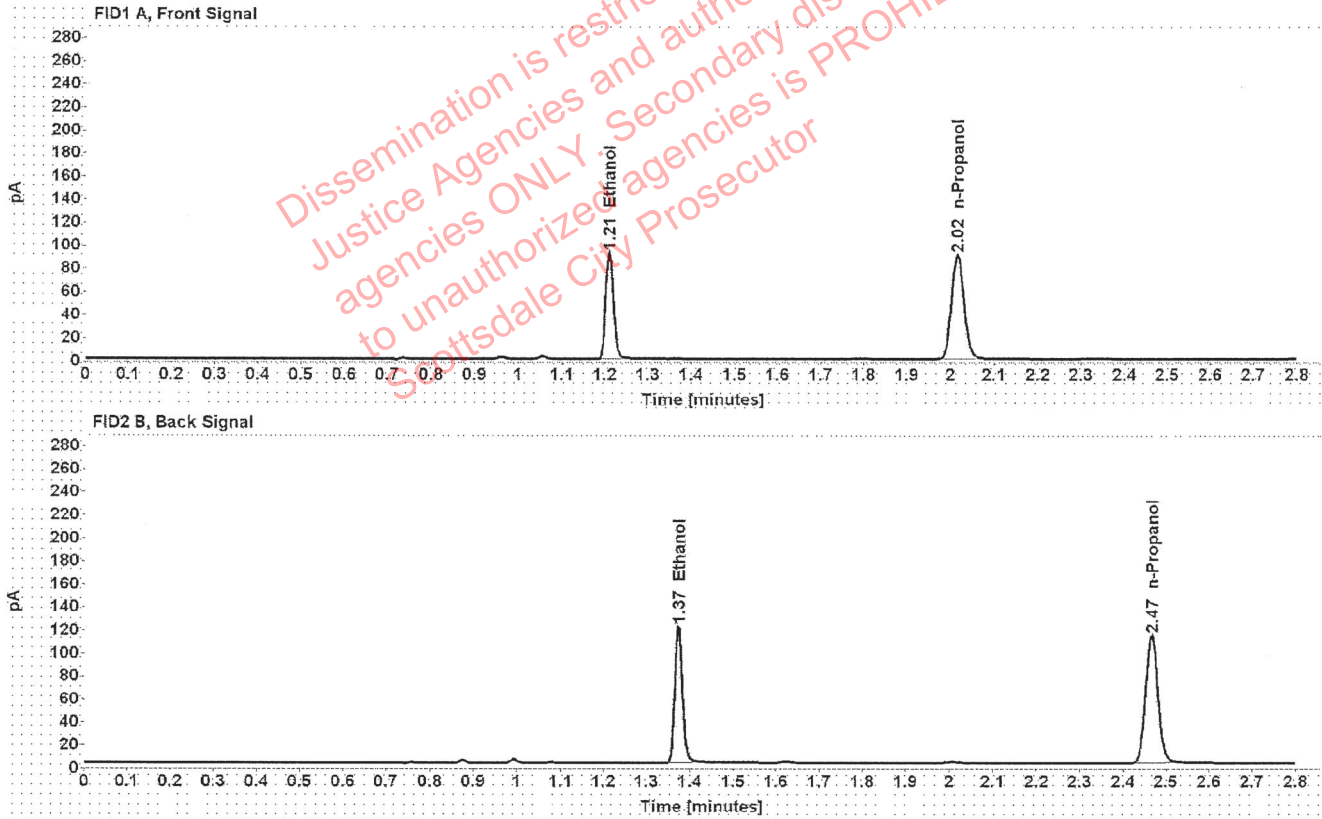


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1815	1.210	117.153
n-Propanol	-----	2.016	179.161

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

Compound	Time (min)	Peak Area
Ethanol	1.374	146.731
n-Propanol	2.466	224.408



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701JI	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 10:08:27 PM
Data file:	C:\Chem32\1\Data\27Dec21\21.D	Analyst:	Brooke

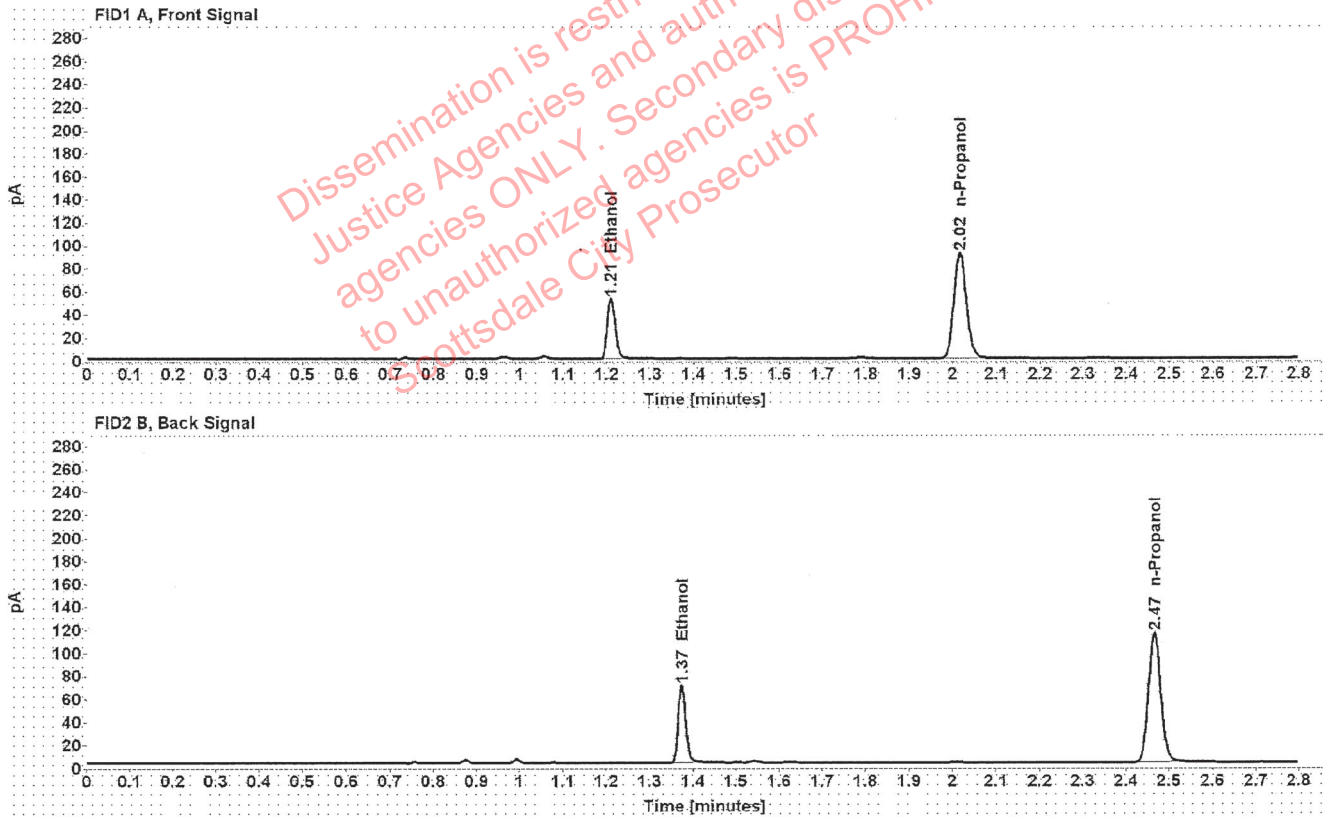


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1018	1.211	66.368
n-Propanol	-----	2.016	181.408

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

Compound	Time (min)	Peak Area
Ethanol	1.374	82.971
n-Propanol	2.466	227.391

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701J1	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 10:12:26 PM
Data file:	C:\Chem32\1\Data\27Dec21\22.D	Analyst:	Brooke

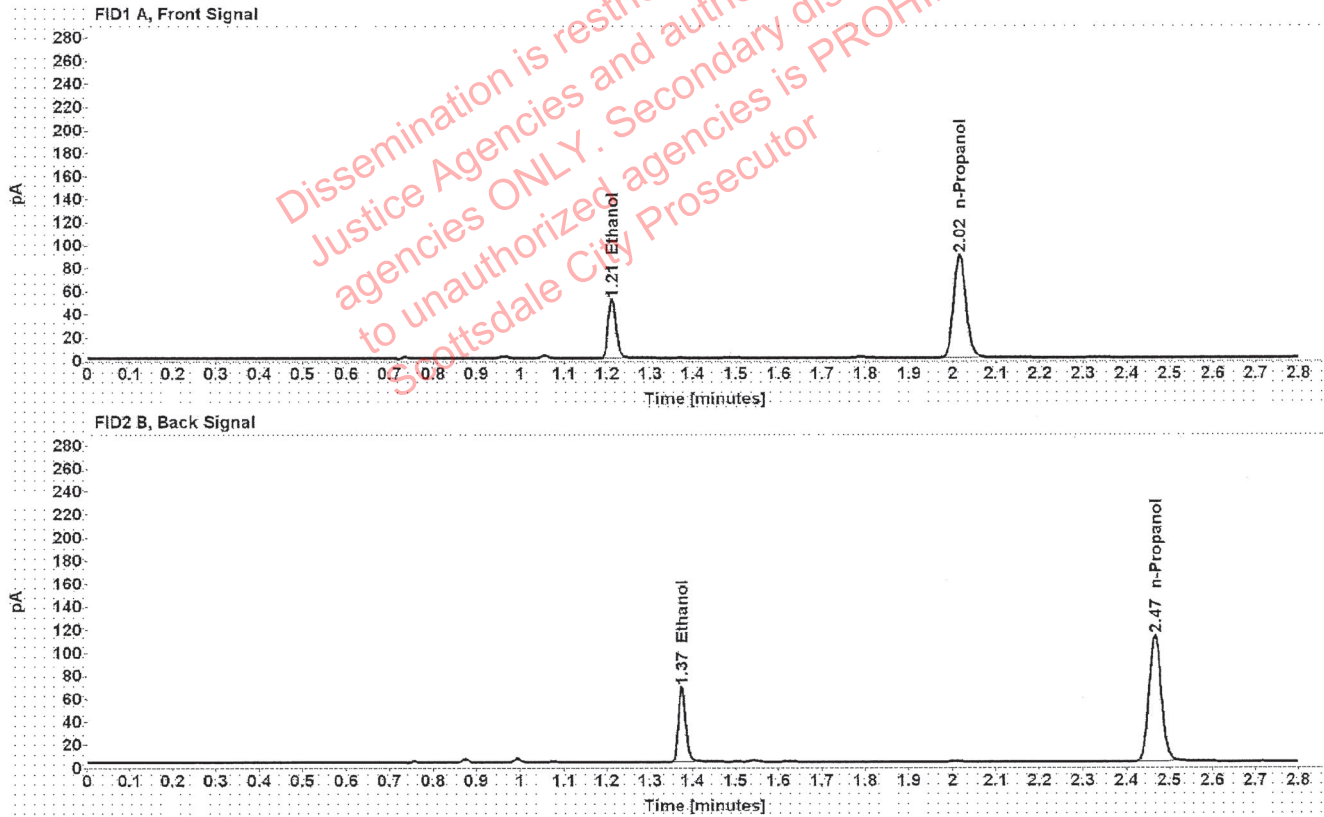


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1011	1.211	64.504
n-Propanol	-----	2.016	177.626

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

Compound	Time (min)	Peak Area
Ethanol	1.374	80.497
n-Propanol	2.466	222.293

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	18601SP	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 10:16:26 PM
Data file:	C:\Chem32\1\Data\27Dec21\23.D	Analyst:	Brooke

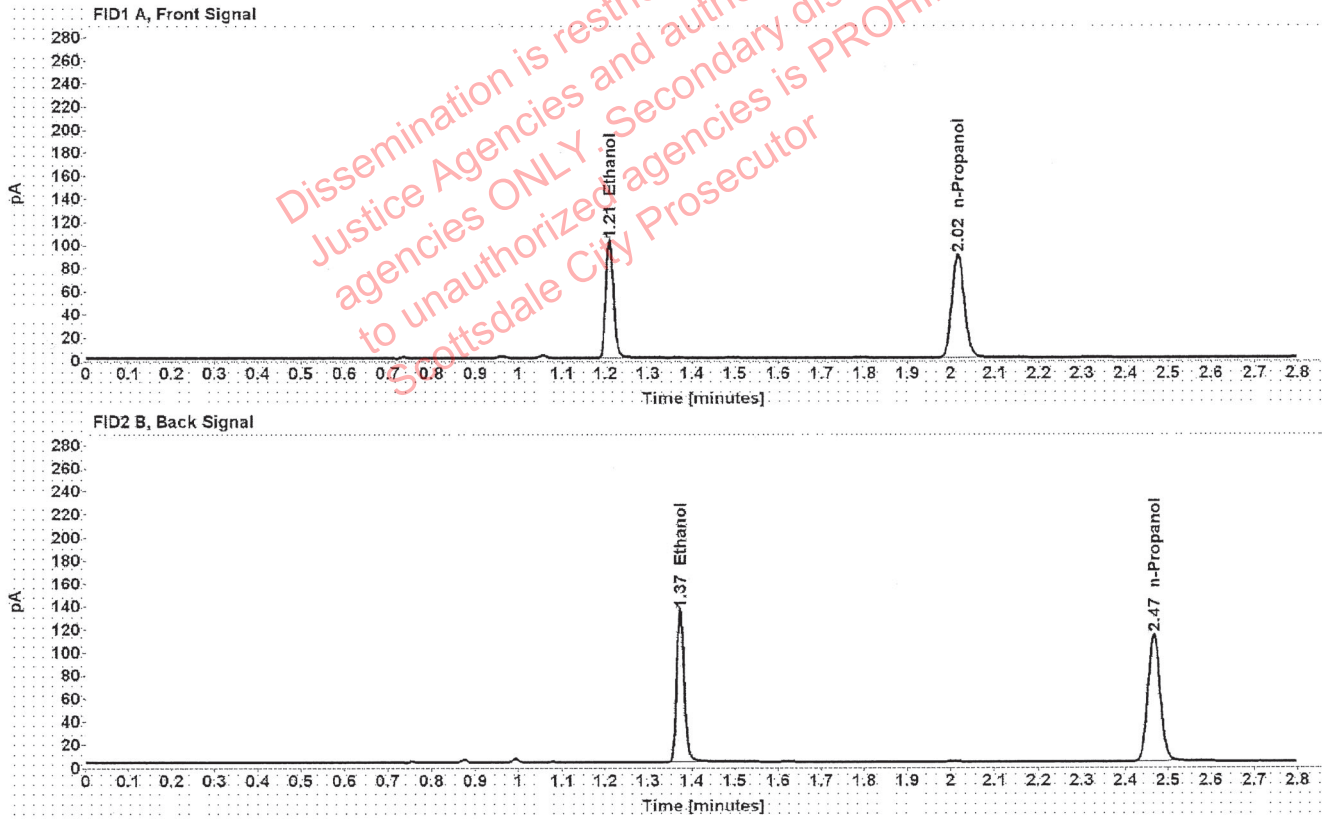


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2020	1.210	129.278
n-Propanol	-----	2.016	177.662

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

Compound	Time (min)	Peak Area
Ethanol	1.374	163.898
n-Propanol	2.466	222.525

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 18601SP	Vial: 24
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 27Dec21
Instrument: US14173023 CN14160045	Injection date: 12/27/2021 10:20:26 PM
Data file: C:\Chem32\1\Data\27Dec21\24.D	Analyst: Brooke

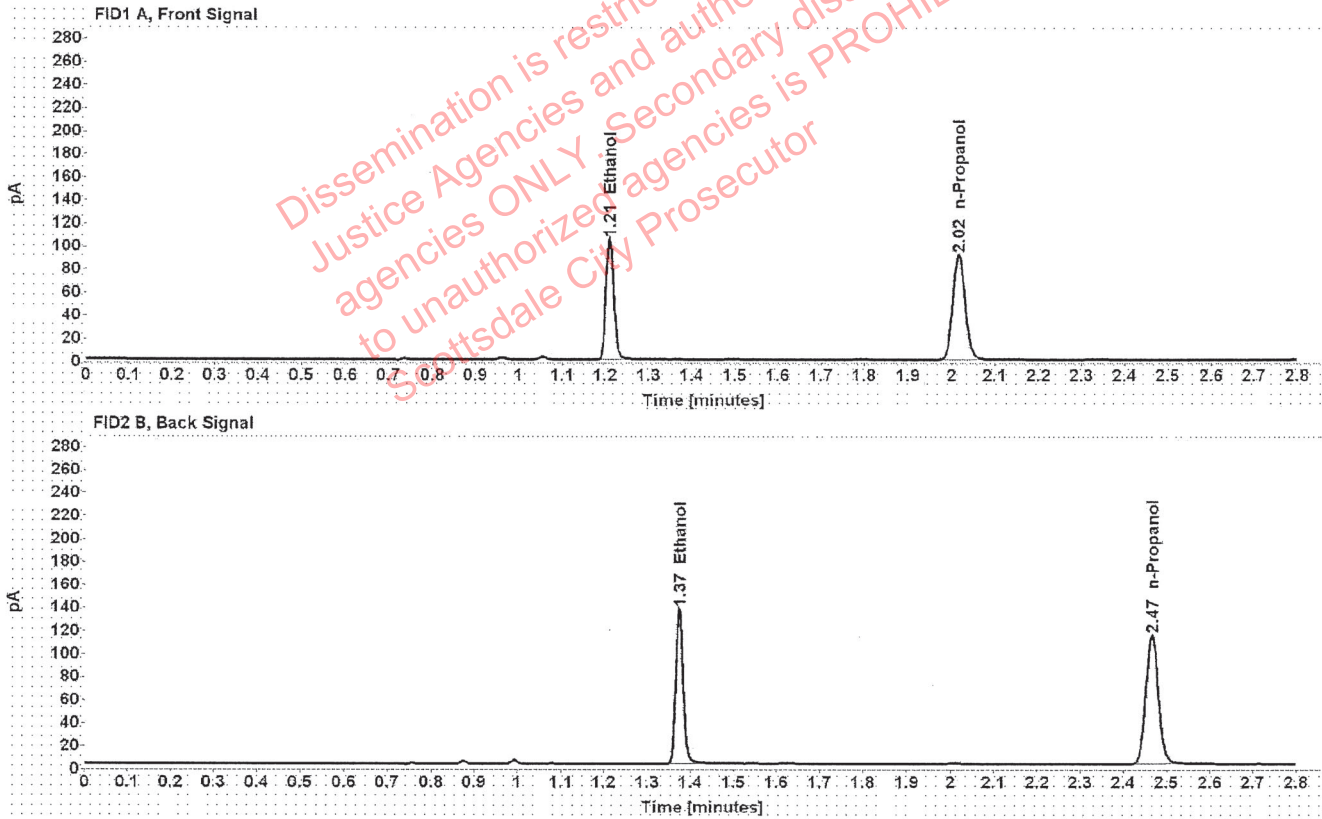


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2031	1.210	132.068
n-Propanol	-----	2.016	180.525

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

Compound	Time (min)	Peak Area
Ethanol	1.374	167.352
n-Propanol	2.467	226.169

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701AE	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 10:24:41 PM
Data file:	C:\Chem32\1\Data\27Dec21\25.D	Analyst:	Brooke

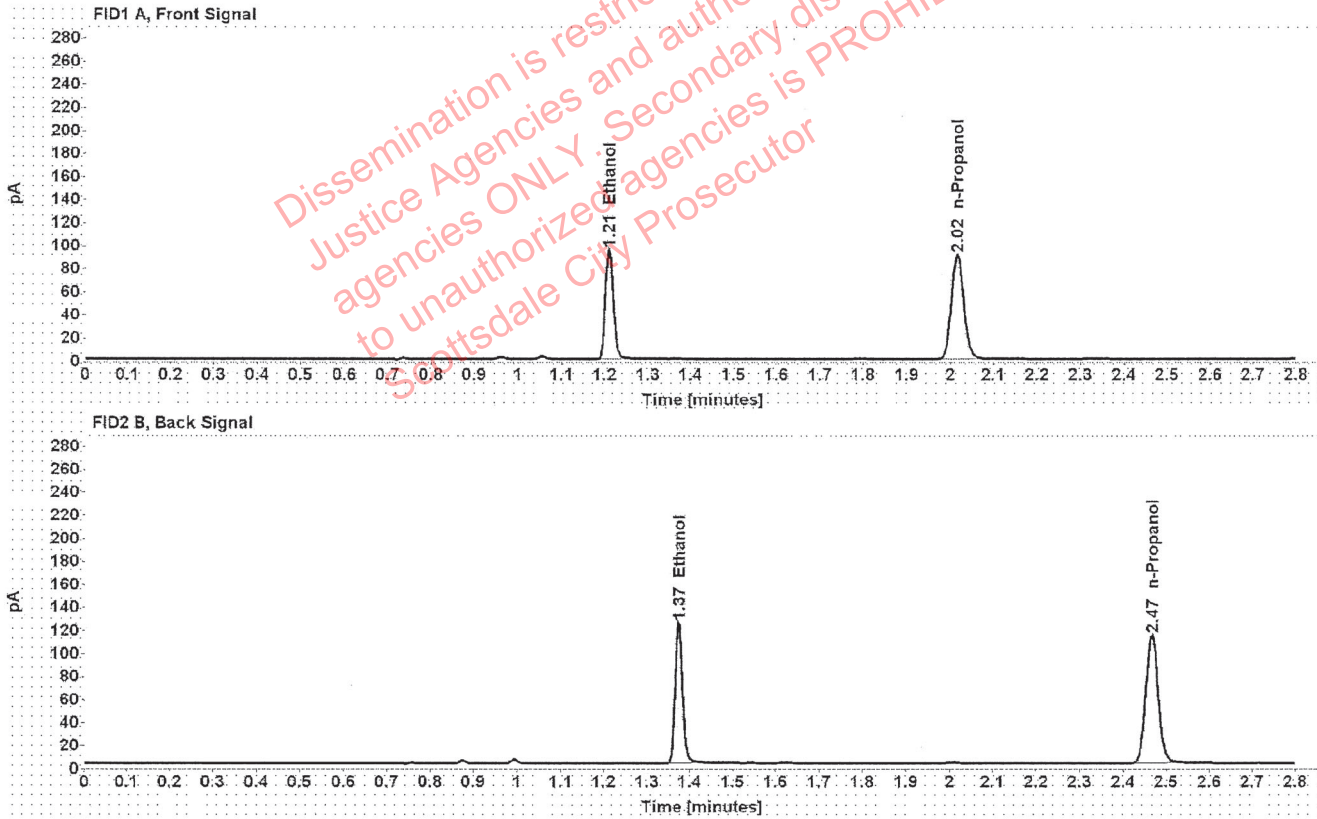


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1862	1.210	120.311
n-Propanol	-----	2.016	179.426

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

Compound	Time (min)	Peak Area
Ethanol	1.374	150.869
n-Propanol	2.467	224.932

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701AE	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 10:28:40 PM
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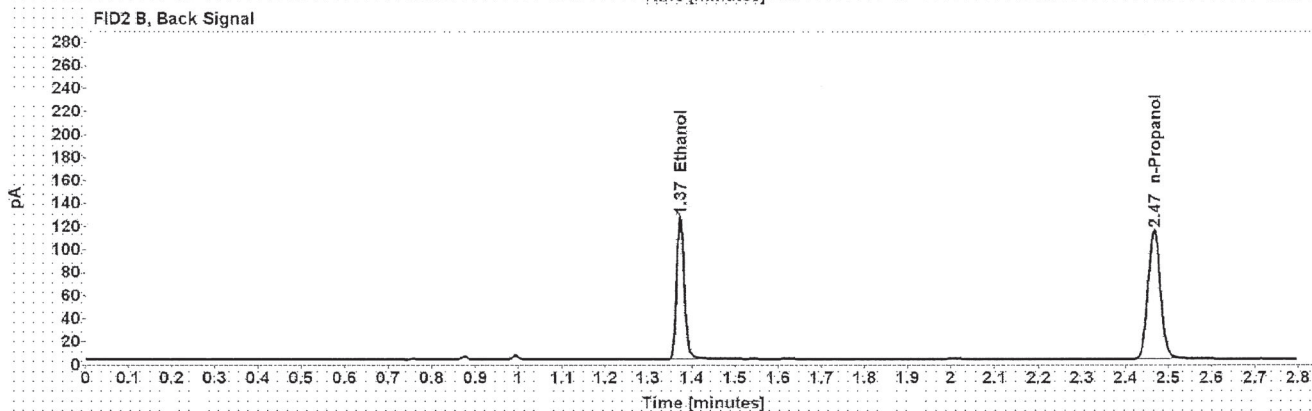
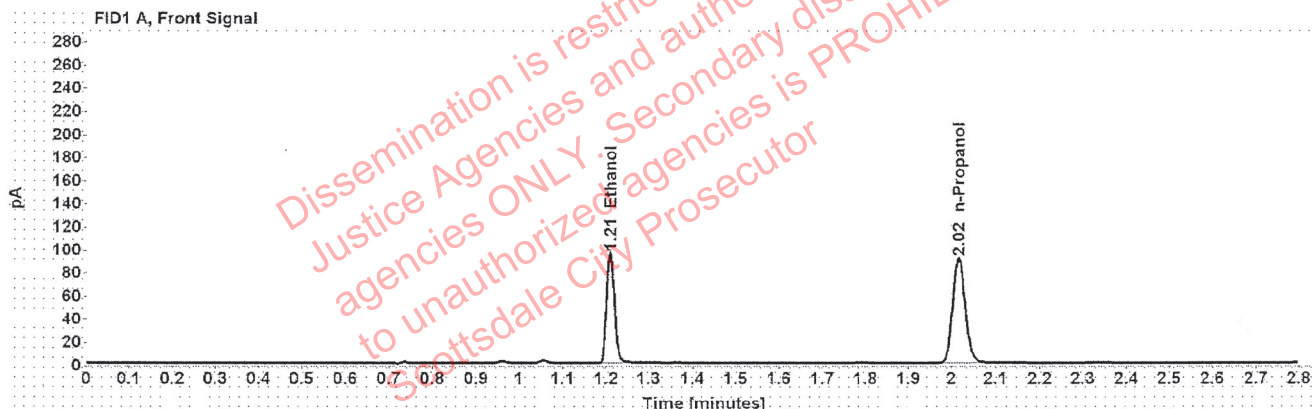


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1855	1.210	120.853
n-Propanol	-----	2.016	180.861

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

Compound	Time (min)	Peak Area
Ethanol	1.374	153.426
n-Propanol	2.466	226.852

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17601AM	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 10:32:41 PM
Data file:	C:\Chem32\1\Data\27Dec21\27.D	Analyst:	Brooke

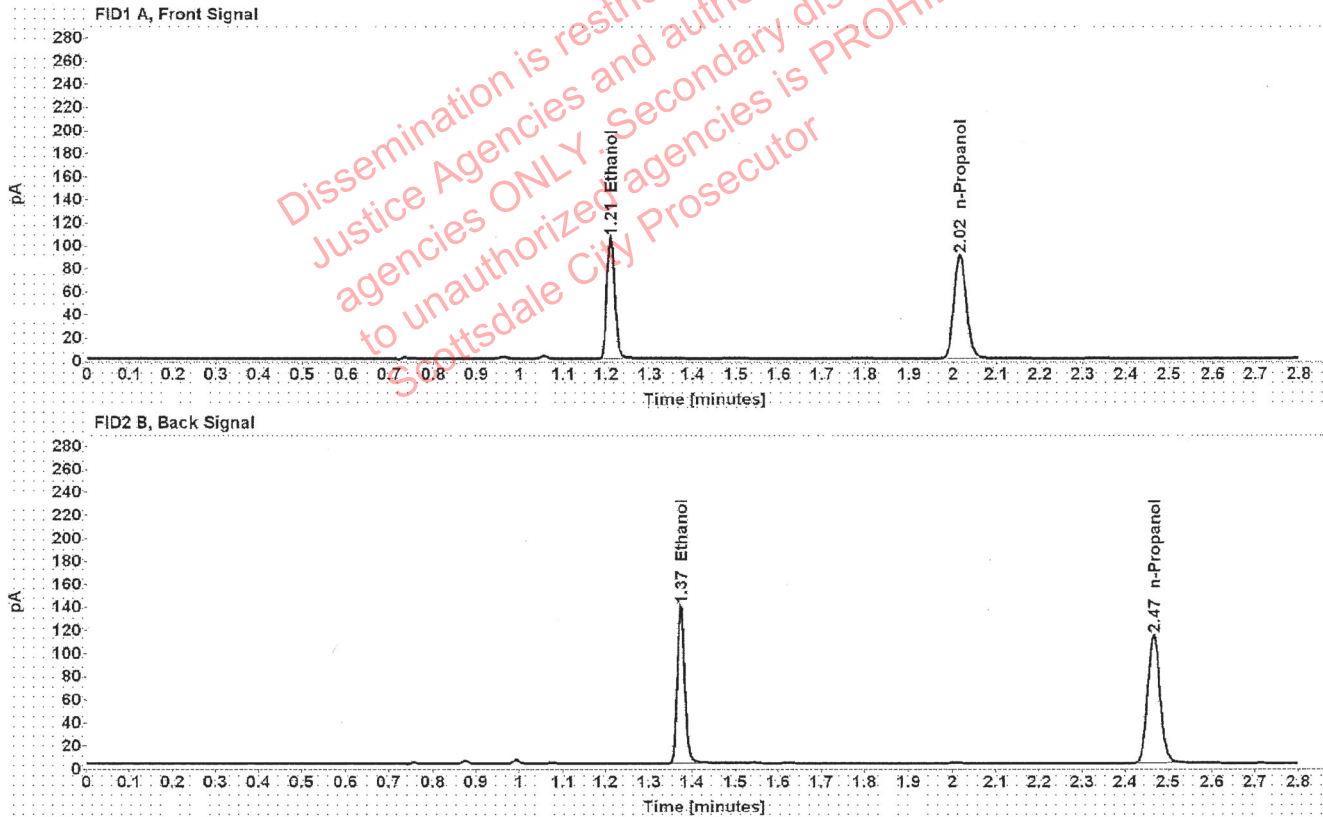


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2070	1.210	133.390
n-Propanol	-----	2.016	178.824

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

Compound	Time (min)	Peak Area
Ethanol	1.374	169.435
n-Propanol	2.466	223.406

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17601AM	Vial:	28
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 10:36:40 PM
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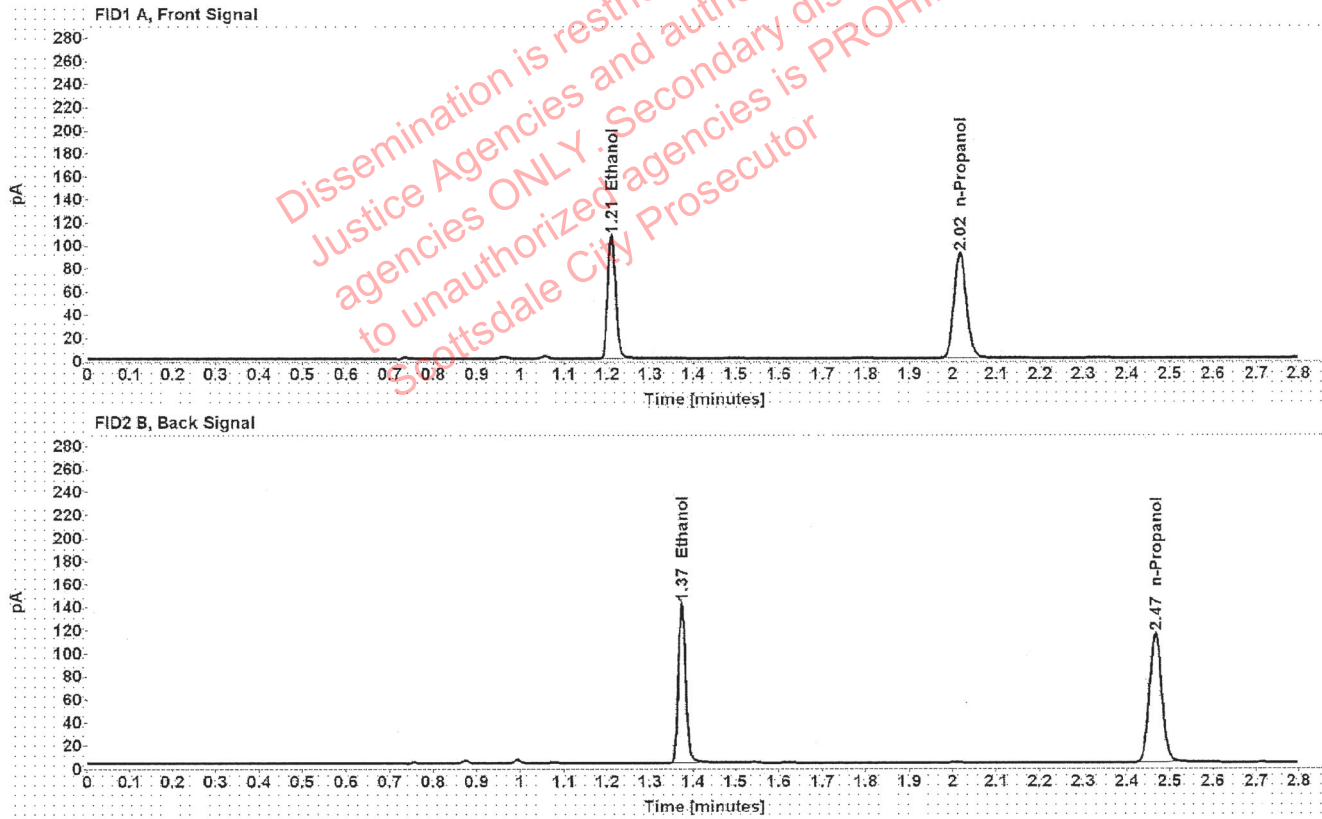


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2079	1.210	135.083
n-Propanol	-----	2.016	180.373

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

Compound	Time (min)	Peak Area
Ethanol	1.374	170.342
n-Propanol	2.466	225.471



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	13501RK	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 10:40:41 PM
Data file:	C:\Chem32\1\Data\27Dec21\29.D	Analyst:	Brooke

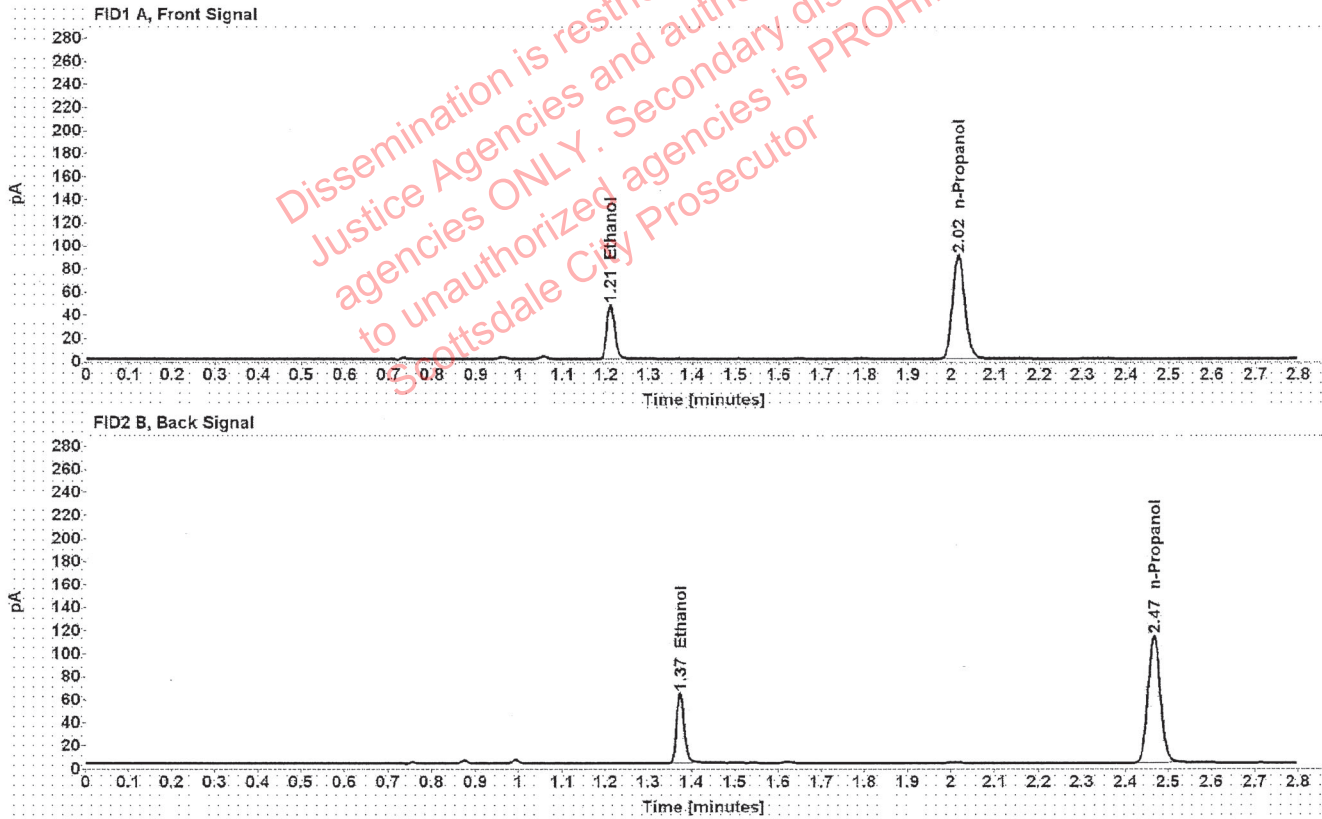


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0938	1.211	59.902
n-Propanol	-----	2.016	177.704

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

Compound	Time (min)	Peak Area
Ethanol	1.374	74.991
n-Propanol	2.466	223.250

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	13501RK	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 10:44:40 PM
Data file:	C:\Chem32\1\Data\27Dec21\30.D	Analyst:	Brooke

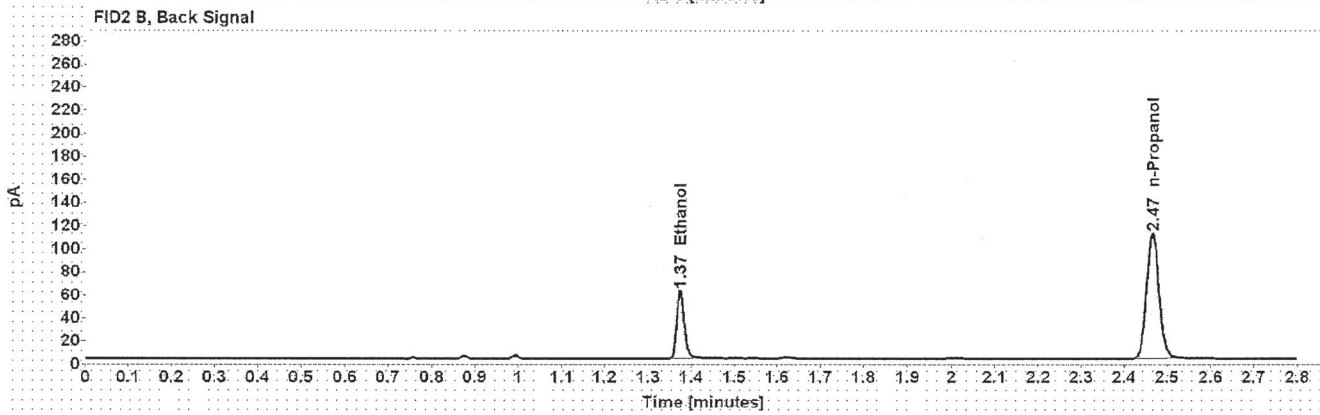
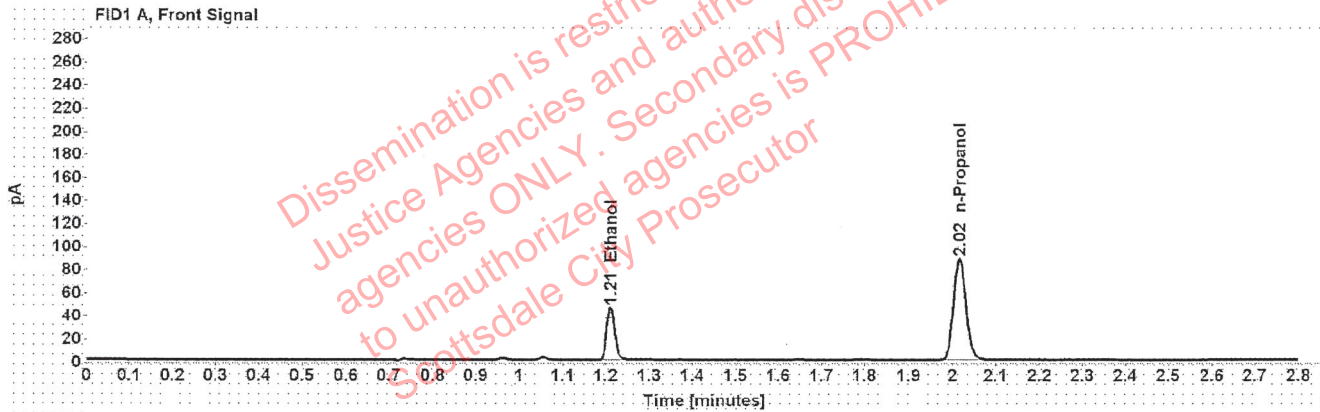


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0931	1.211	58.435
n-Propanol	-----	2.016	174.831

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

Compound	Time (min)	Peak Area
Ethanol	1.374	73.200
n-Propanol	2.466	219.807

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31801CW	Vial:	32
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 10:52:55 PM
Data file:	C:\Chem32\1\Data\27Dec21\32.D	Analyst:	Brooke

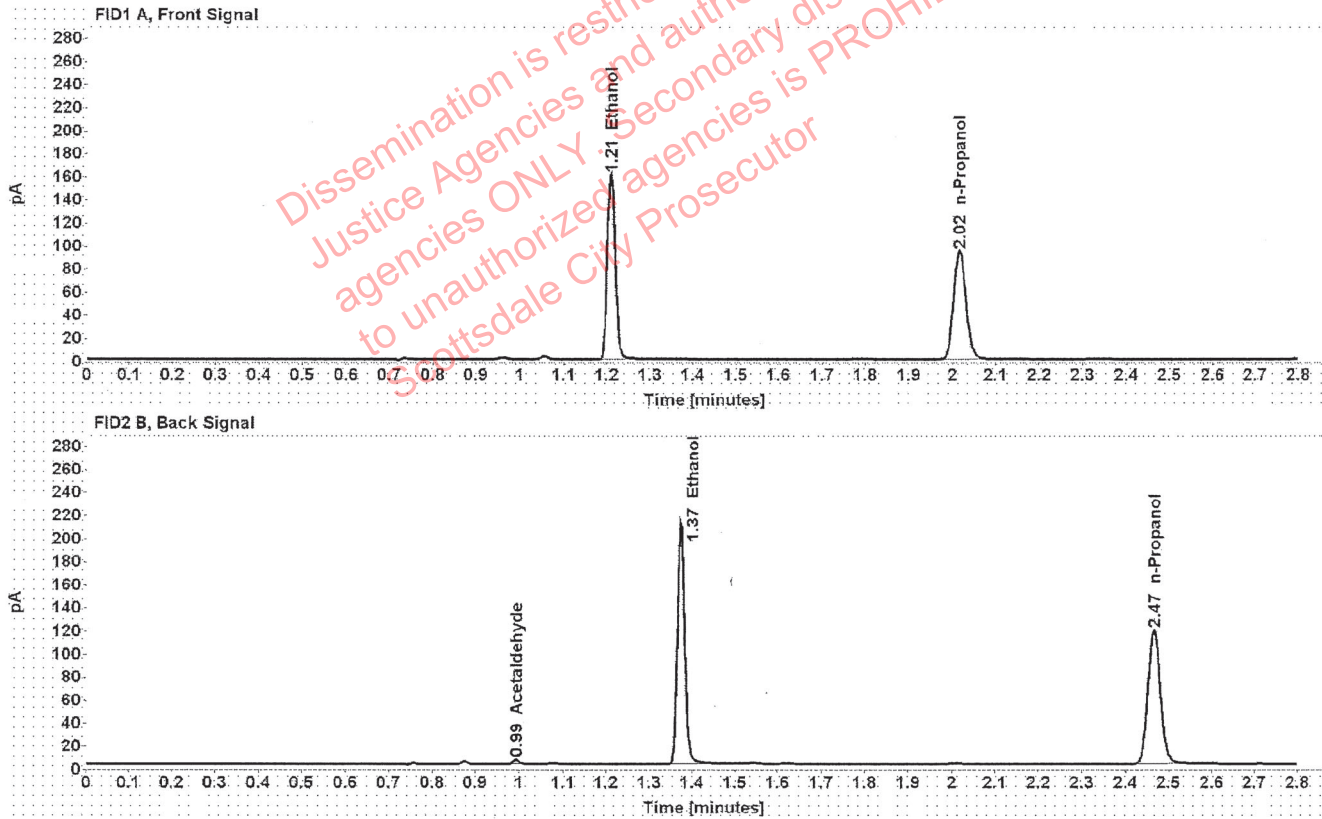


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3022	1.210	203.785
n-Propanol	-----	2.016	186.998

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.835
Ethanol	1.374	258.838
n-Propanol	2.466	234.547

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31801CW	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 10:56:56 PM
Data file:	C:\Chem32\1\Data\27Dec21\33.D	Analyst:	Brooke

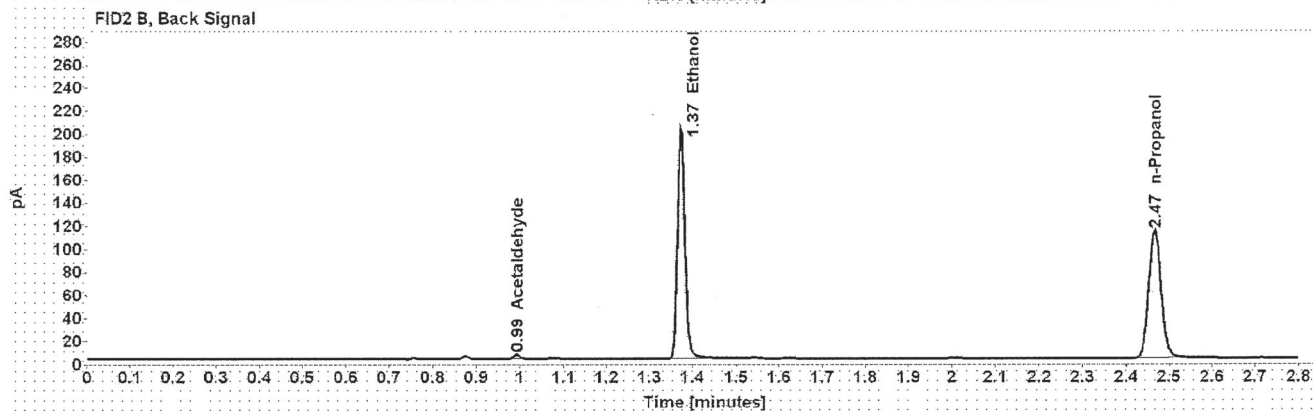
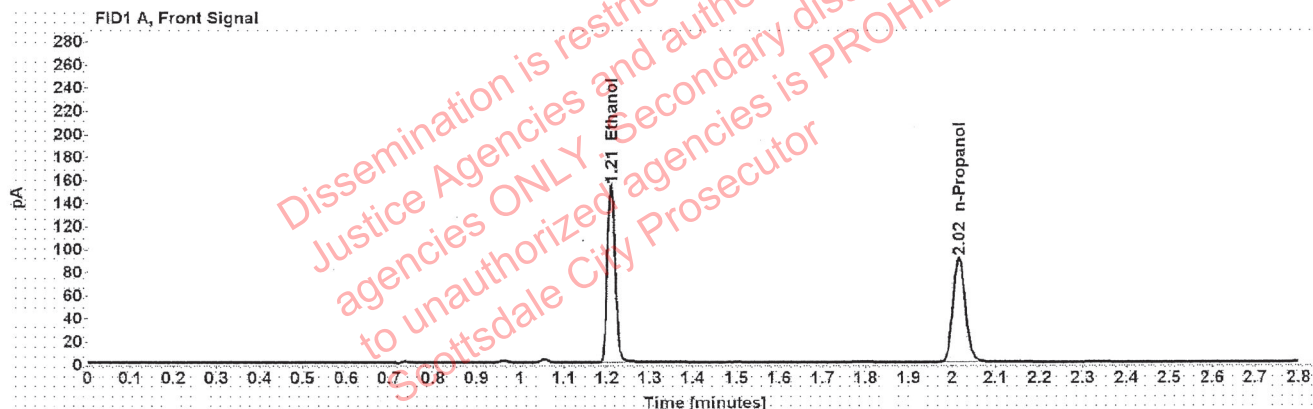


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3008	1.210	194.327
n-Propanol	-----	2.016	179.148

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.827
Ethanol	1.374	246.825
n-Propanol	2.466	224.691

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401611	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 11:00:55 PM
Data file:	C:\Chem32\1\Data\27Dec21\34.D	Analyst:	Brooke

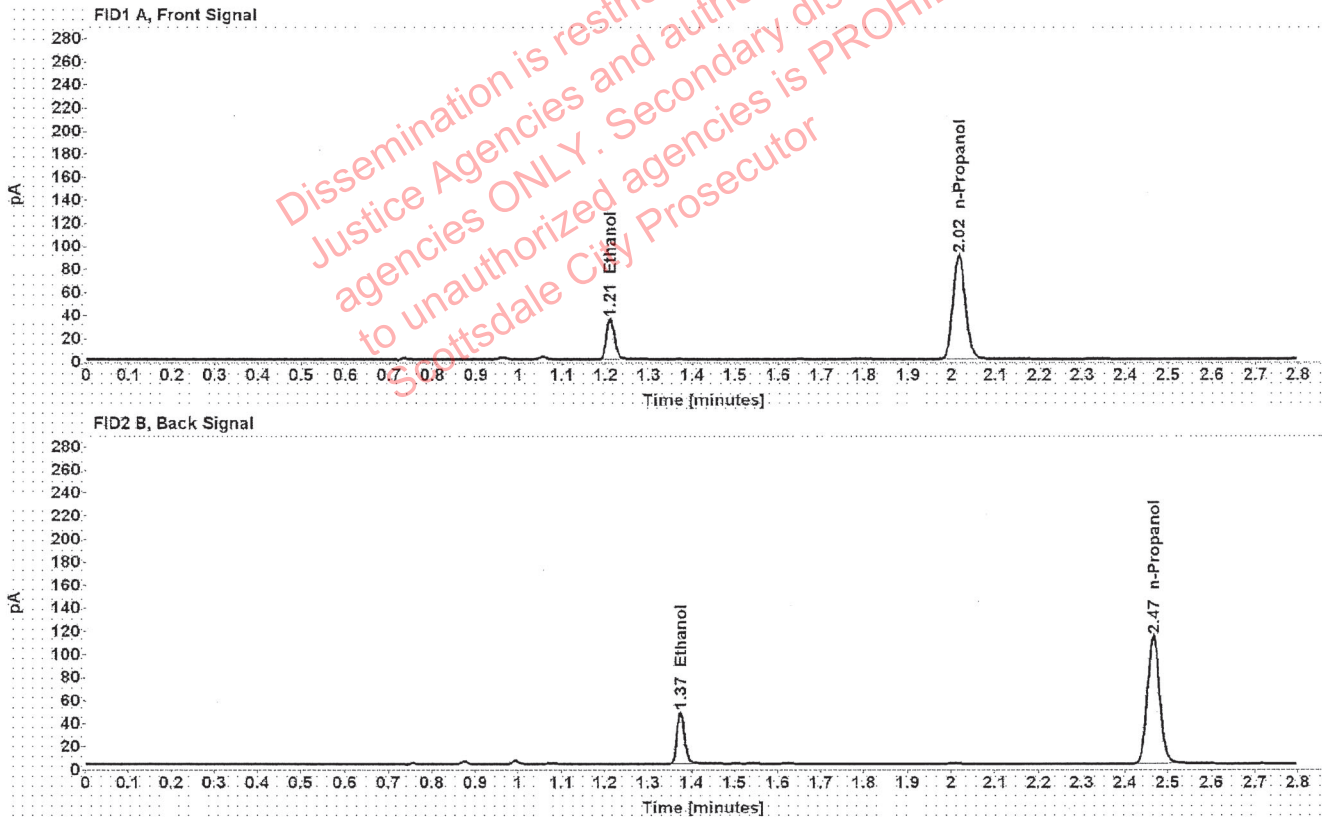


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0694	1.211	44.497
n-Propanol	-----	2.016	178.959

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

Compound	Time (min)	Peak Area
Ethanol	1.375	55.680
n-Propanol	2.467	224.600

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401611	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 11:04:55 PM
Data file:	C:\Chem32\1\Data\27Dec21\35.D	Analyst:	Brooke

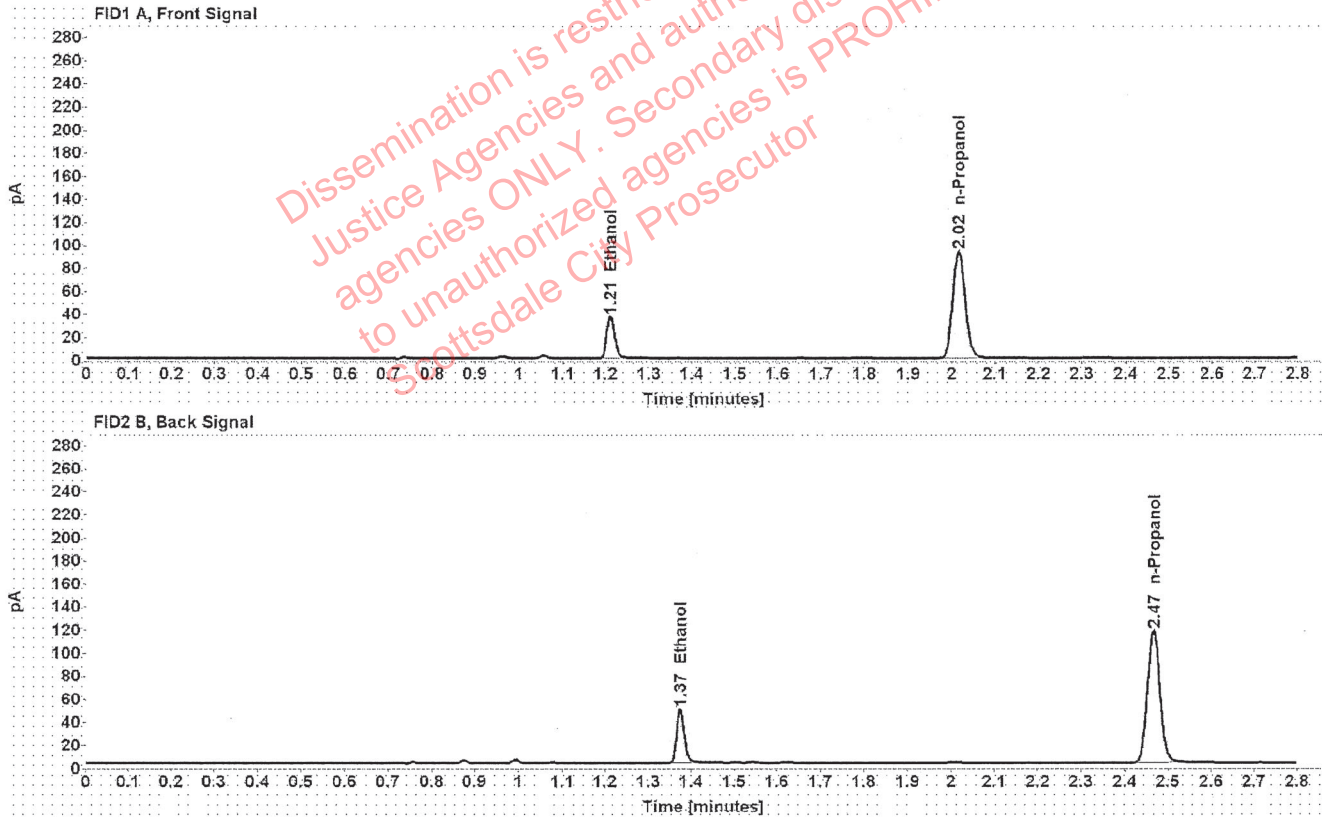


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0700	1.211	46.298
n-Propanol	-----	2.016	184.556

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

Compound	Time (min)	Peak Area
Ethanol	1.374	57.899
n-Propanol	2.466	231.958

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401628	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 11:08:56 PM
Data file:	C:\Chem32\1\Data\27Dec21\36.D	Analyst:	Brooke

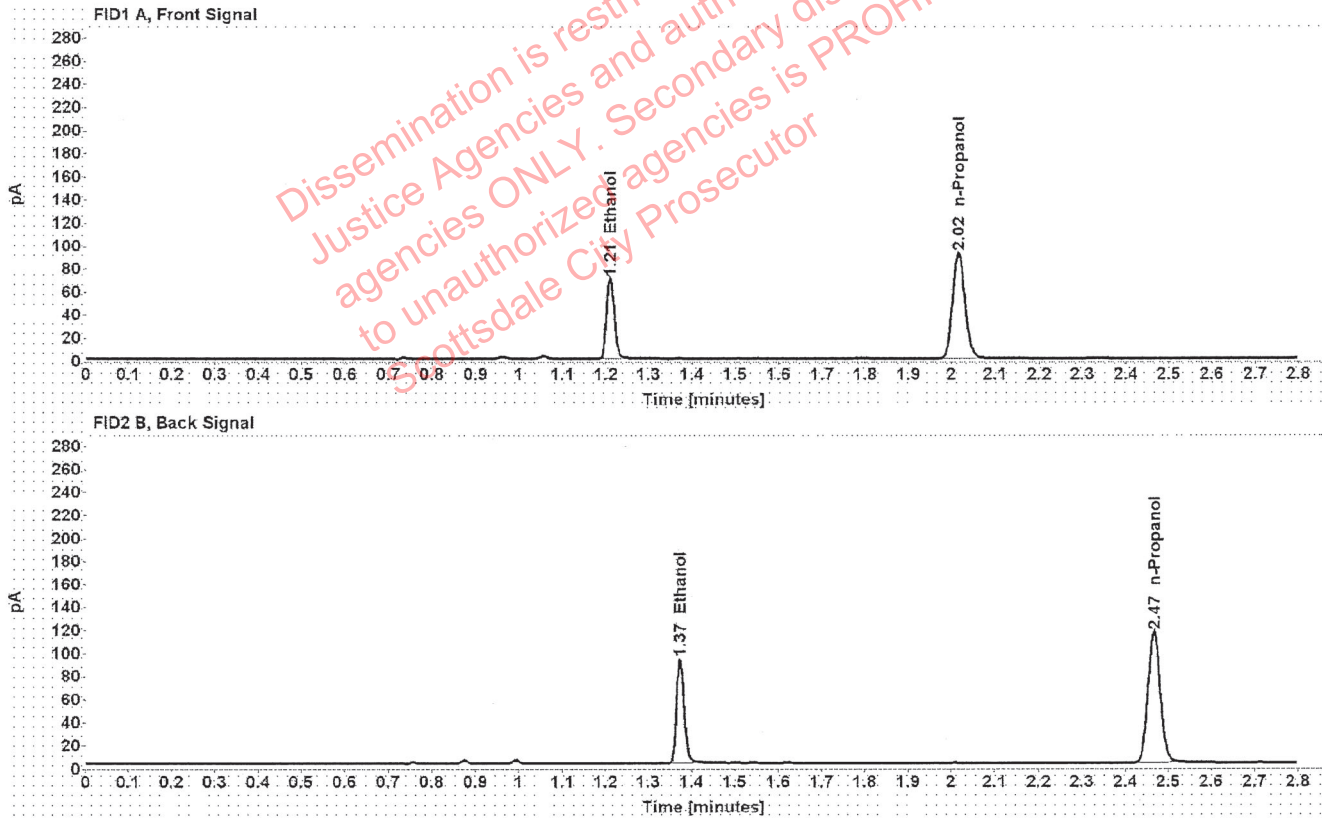


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1351	1.210	88.987
n-Propanol	-----	2.016	183.013

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

Compound	Time (min)	Peak Area
Ethanol	1.374	111.868
n-Propanol	2.466	229.682

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401628	Vial:	37
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 11:13:10 PM
Data file:	C:\Chem32\1\Data\27Dec21\37.D	Analyst:	Brooke

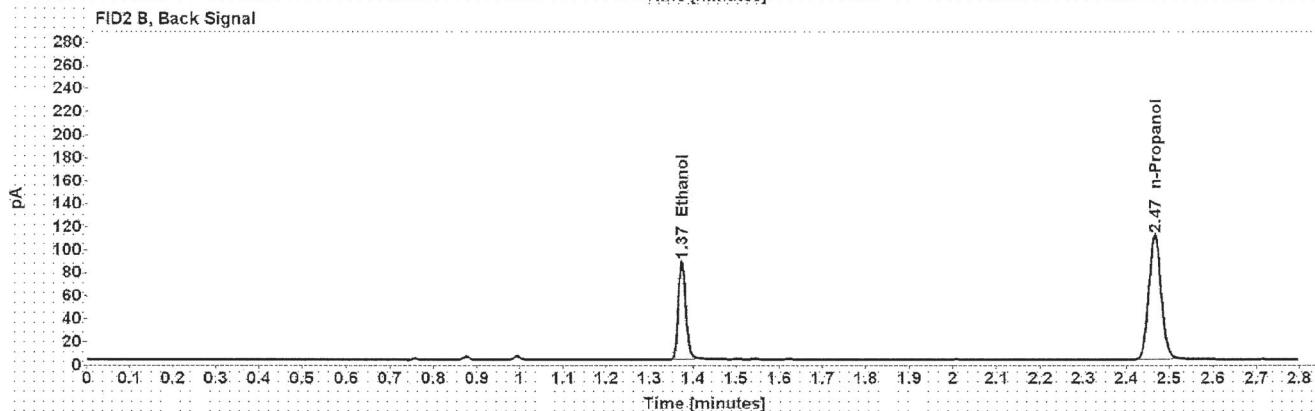
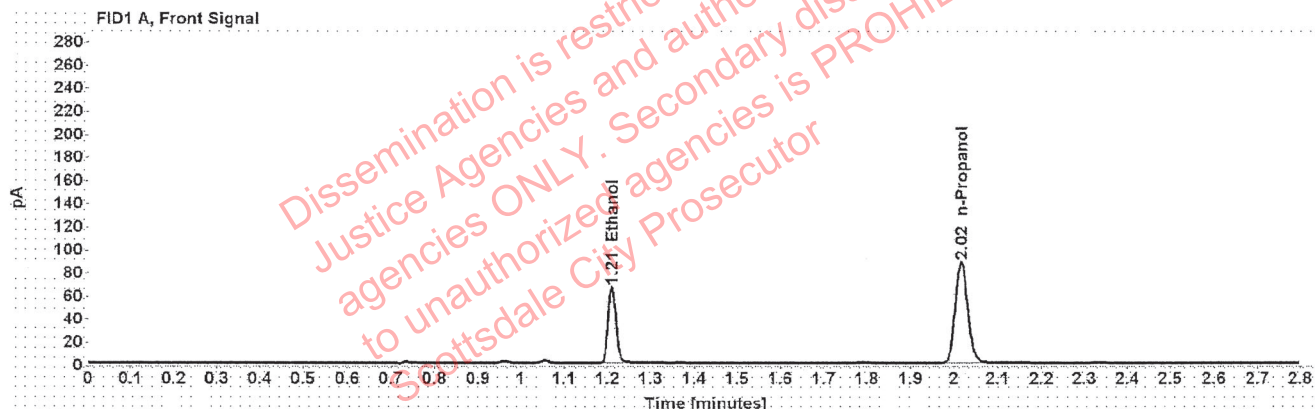


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1336	1.210	83.906
n-Propanol	-----	2.016	174.574

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

Compound	Time (min)	Peak Area
Ethanol	1.374	105.351
n-Propanol	2.467	218.793



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401741	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 11:17:11 PM
Data file:	C:\Chem32\1\Data\27Dec21\38.D	Analyst:	Brooke

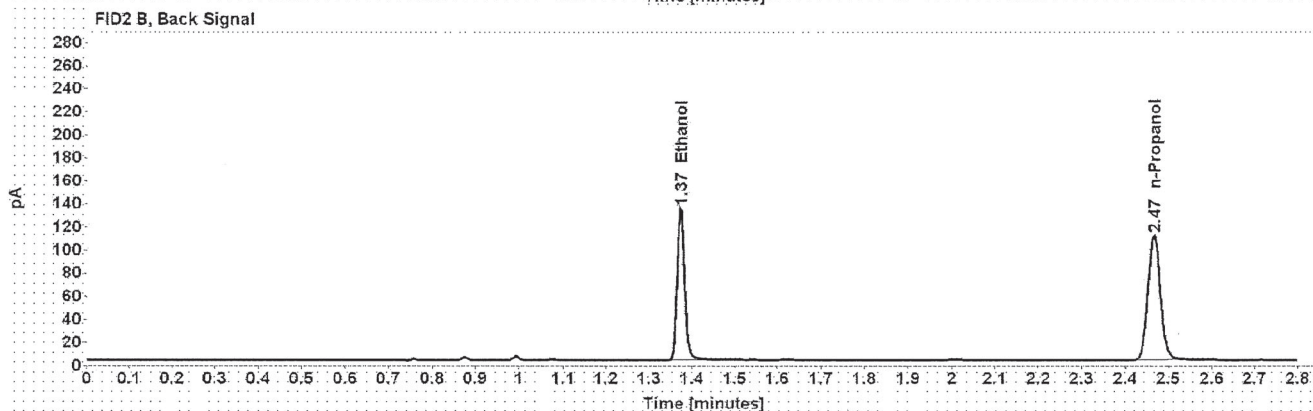
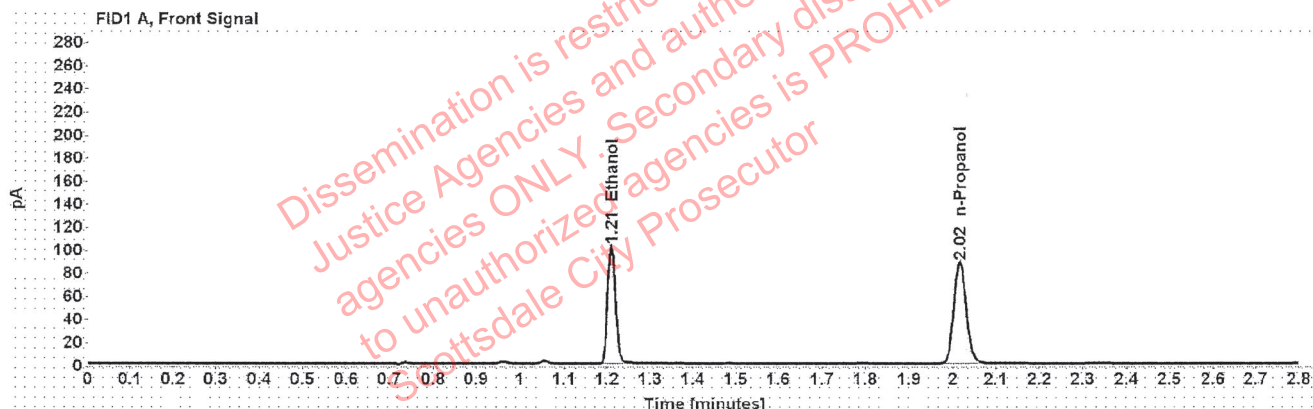


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2047	1.210	128.885
n-Propanol	-----	2.016	174.727

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

Compound	Time (min)	Peak Area
Ethanol	1.374	163.827
n-Propanol	2.466	219.025

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401741	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 11:21:10 PM
Data file:	C:\Chem321\1\Data\27Dec21\39.D	Analyst:	Brooke

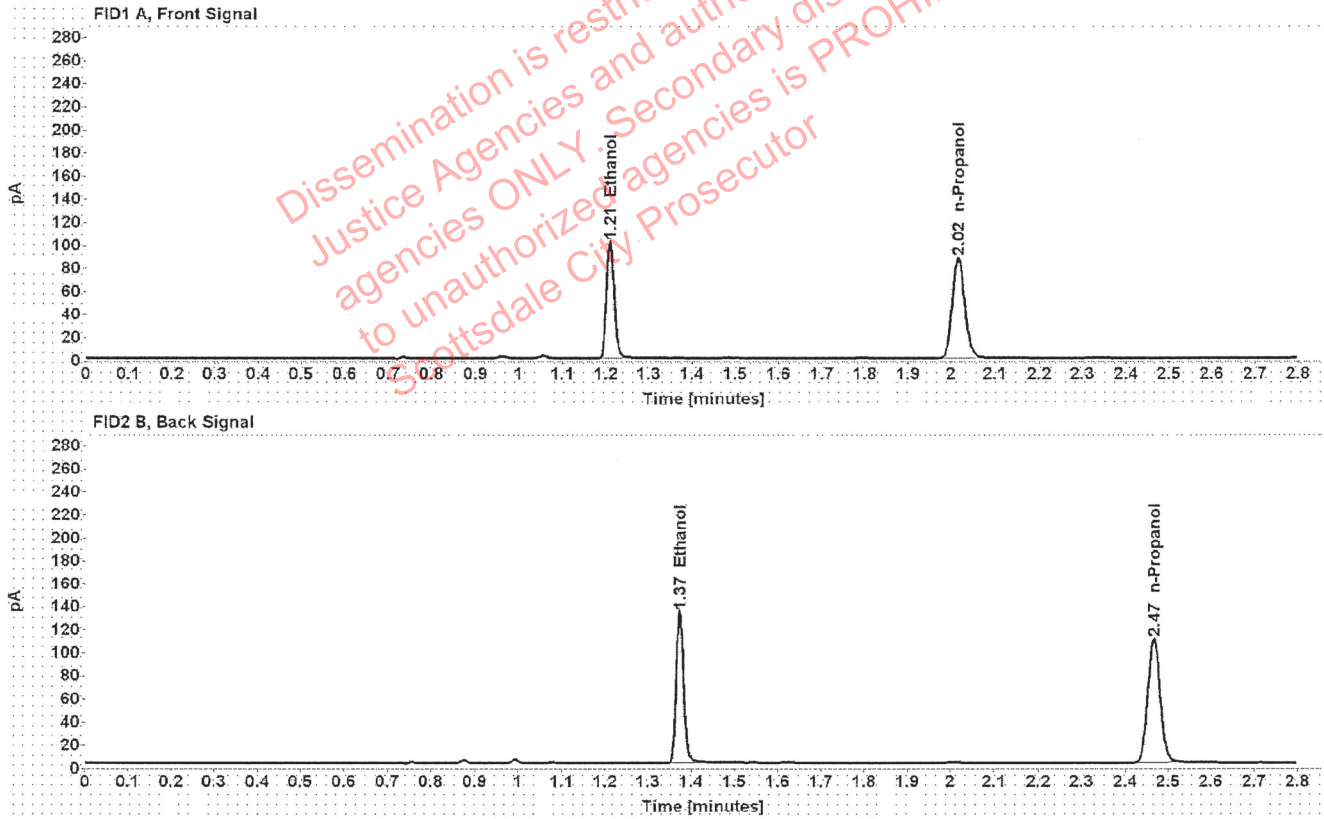


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2052	1.210	127.982
n-Propanol	-----	2.016	173.126

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

Compound	Time (min)	Peak Area
Ethanol	1.374	162.725
n-Propanol	2.466	216.987

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401753	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 11:25:10 PM
Data file:	C:\Chem32\1\Data\27Dec21\40.D	Analyst:	Brooke

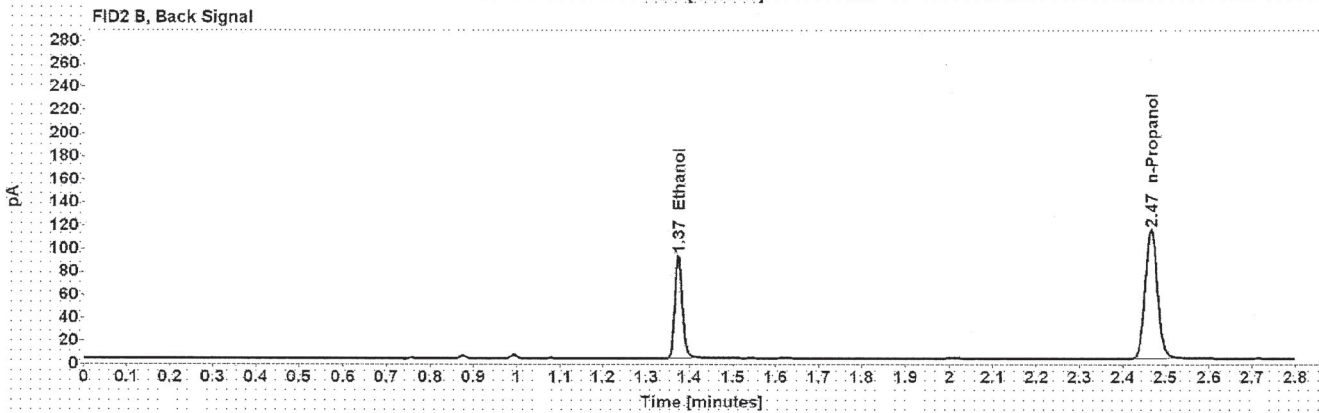
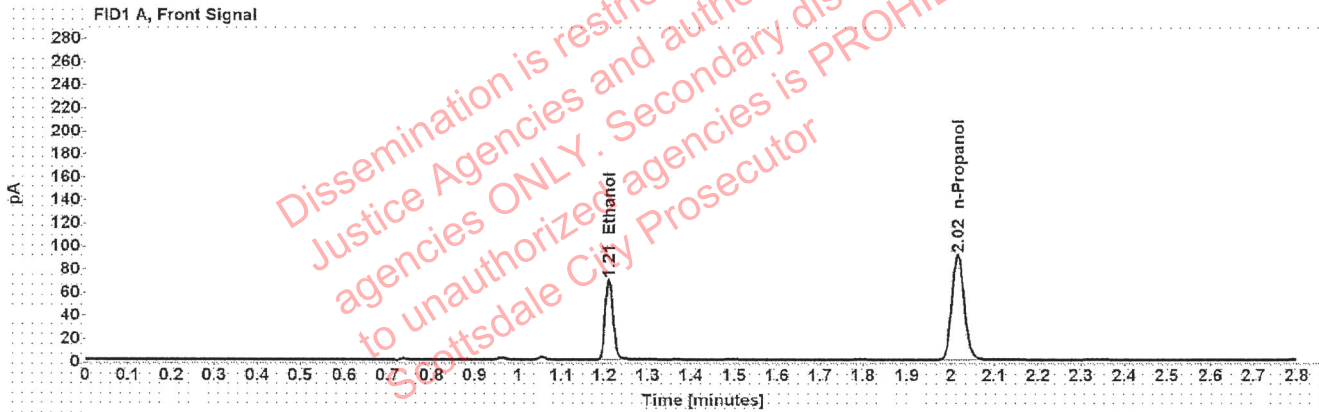


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1354	1.210	87.804
n-Propanol	-----	2.016	180.281

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

Compound	Time (min)	Peak Area
Ethanol	1.374	110.386
n-Propanol	2.466	226.729

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401753	Vial:	41
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 11:29:10 PM
Data file:	C:\Chem32\1\Data\27Dec21\41.D	Analyst:	Brooke

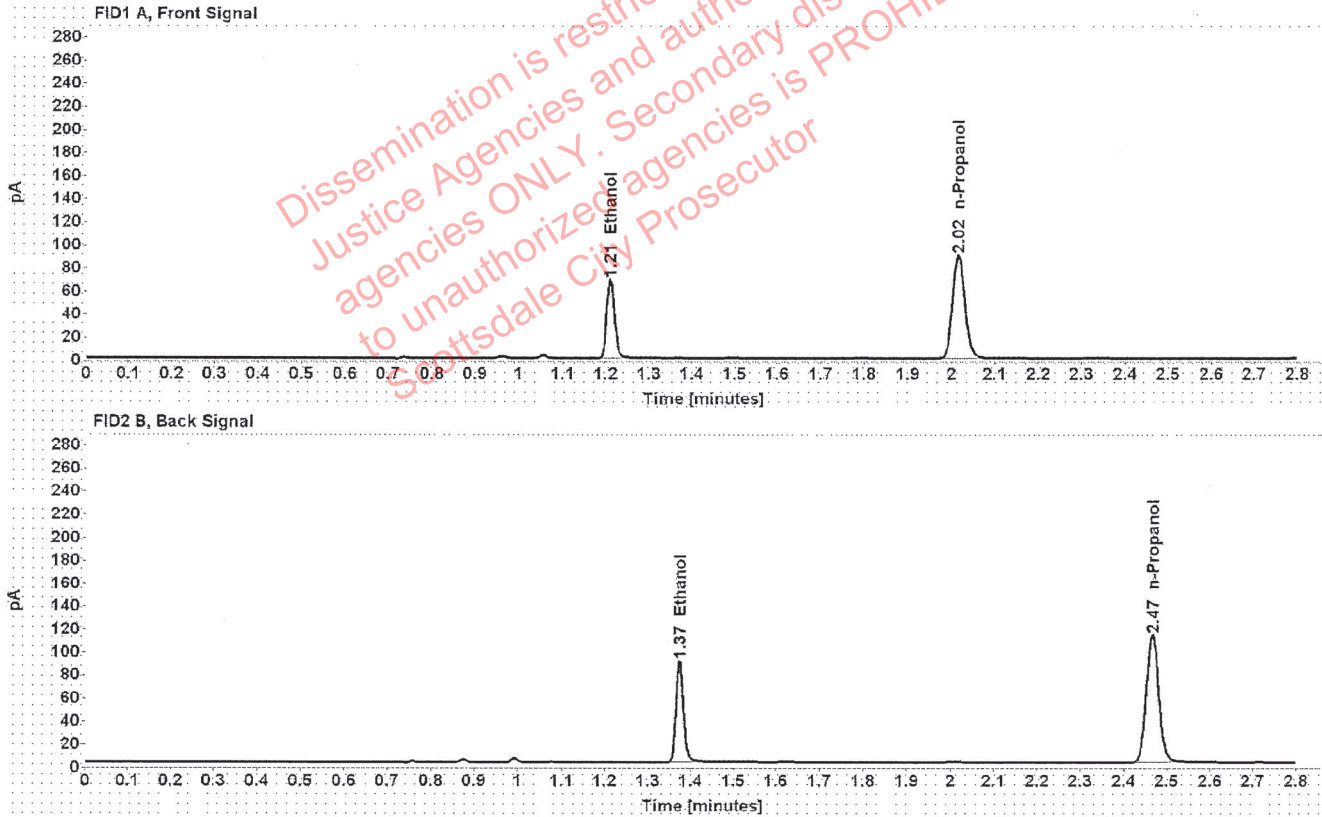


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1349	1.210	86.284
n-Propanol	-----	2.016	177.747

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

Compound	Time (min)	Peak Area
Ethanol	1.374	108.312
n-Propanol	2.466	223.588

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401934	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 11:37:25 PM
Data file:	C:\Chem32\1\Data\27Dec21\43.D	Analyst:	Brooke

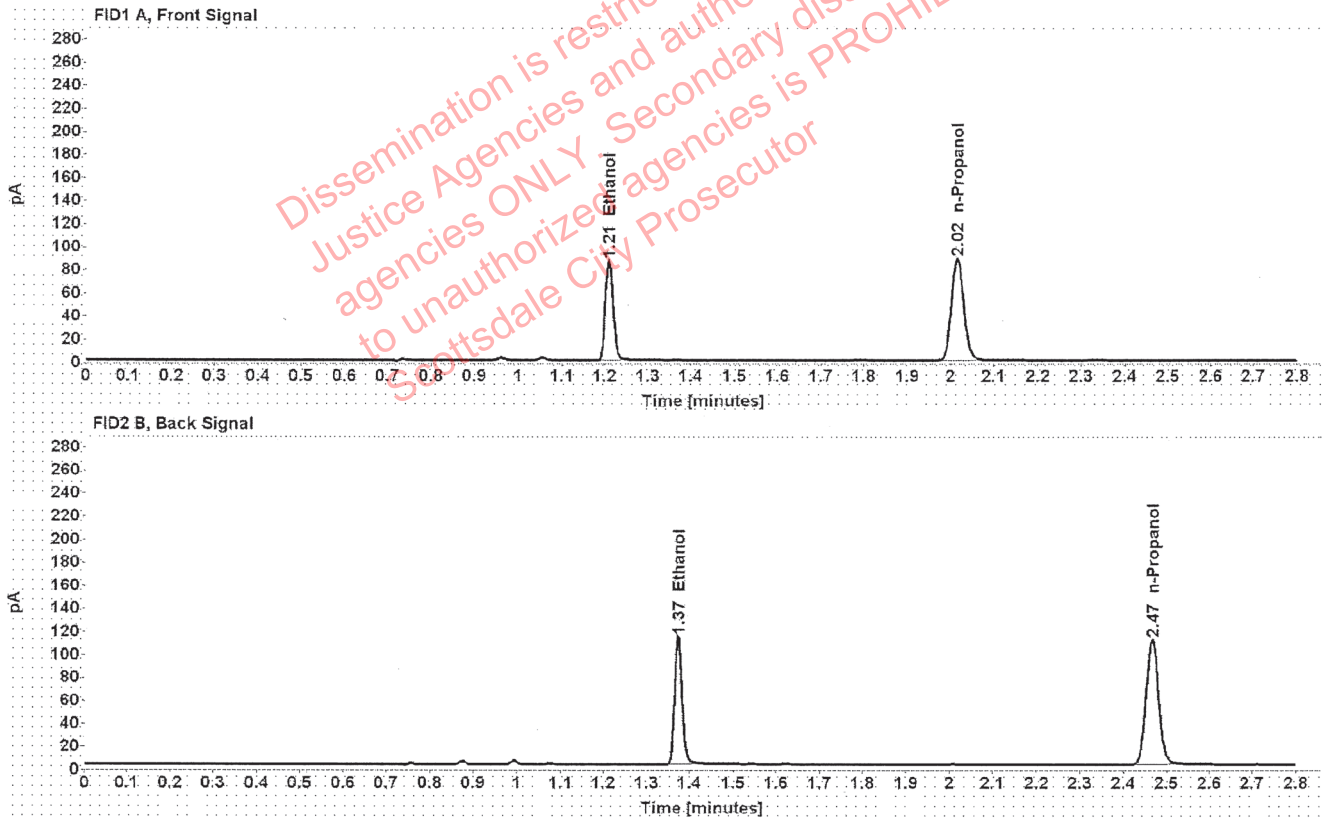


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1731	1.210	109.380
n-Propanol	-----	2.016	175.439

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

Compound	Time (min)	Peak Area
Ethanol	1.374	137.286
n-Propanol	2.466	219.850

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401934	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 11:41:25 PM
Data file:	C:\Chem32\1\Data\27Dec21\44.D	Analyst:	Brooke

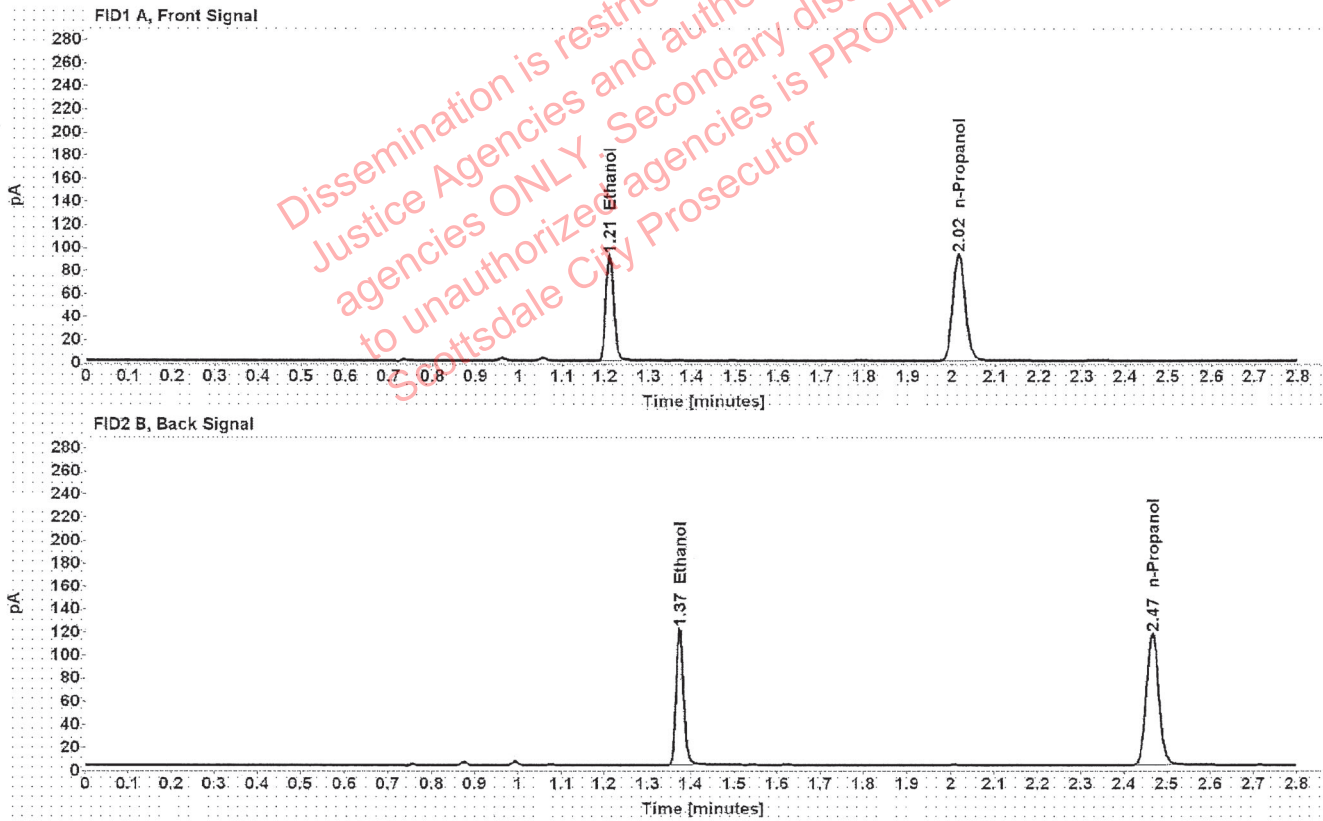


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1753	1.210	116.121
n-Propanol	-----	2.016	183.966

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

Compound	Time (min)	Peak Area
Ethanol	1.374	146.124
n-Propanol	2.466	230.805

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401915	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 11:45:25 PM
Data file:	C:\Chem32\1\Data\27Dec21\45.D	Analyst:	Brooke

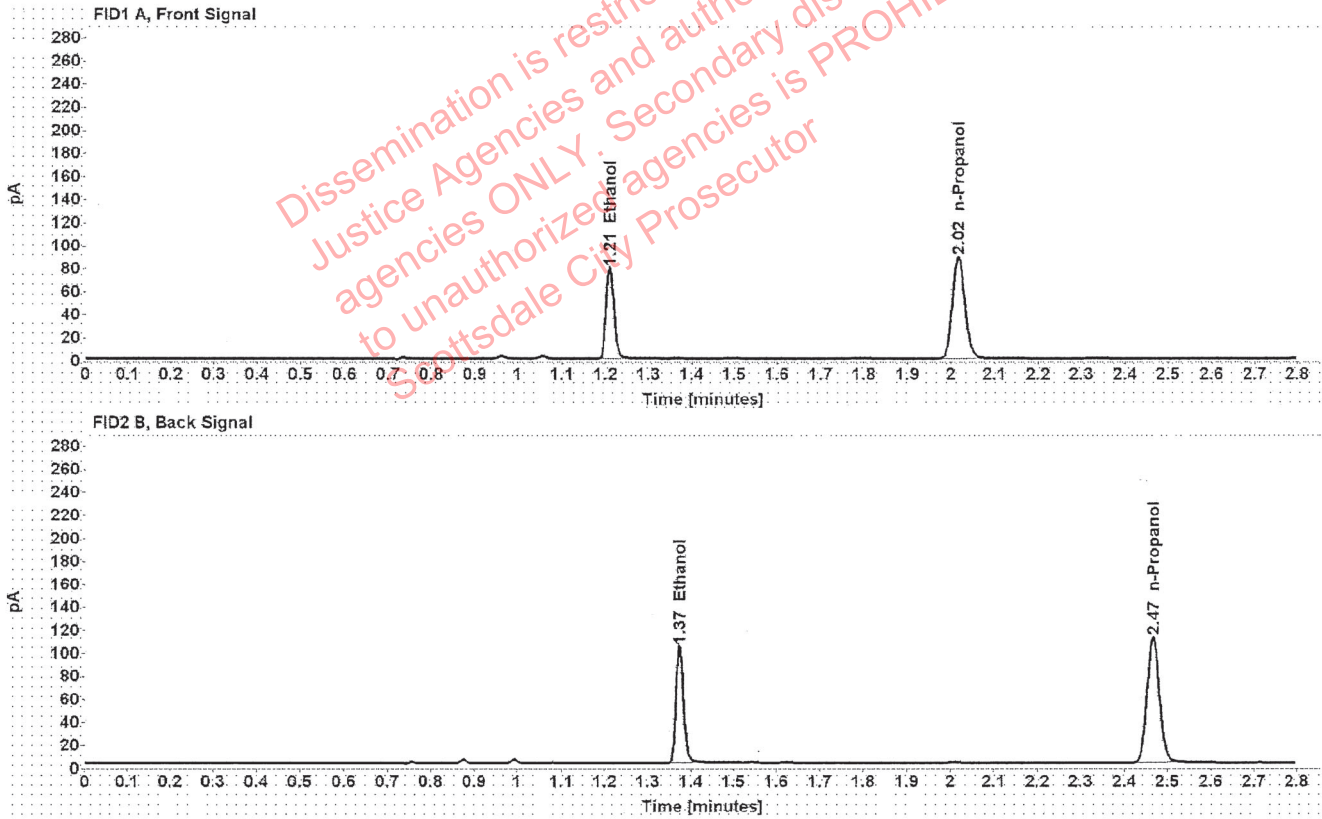


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1583	1.210	100.051
n-Propanol	-----	2.016	175.568

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

Compound	Time (min)	Peak Area
Ethanol	1.374	125.757
n-Propanol	2.466	220.436

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1401915	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 11:49:25 PM
Data file:	C:\Chem32\1\Data\27Dec21\46.D	Analyst:	Brooke

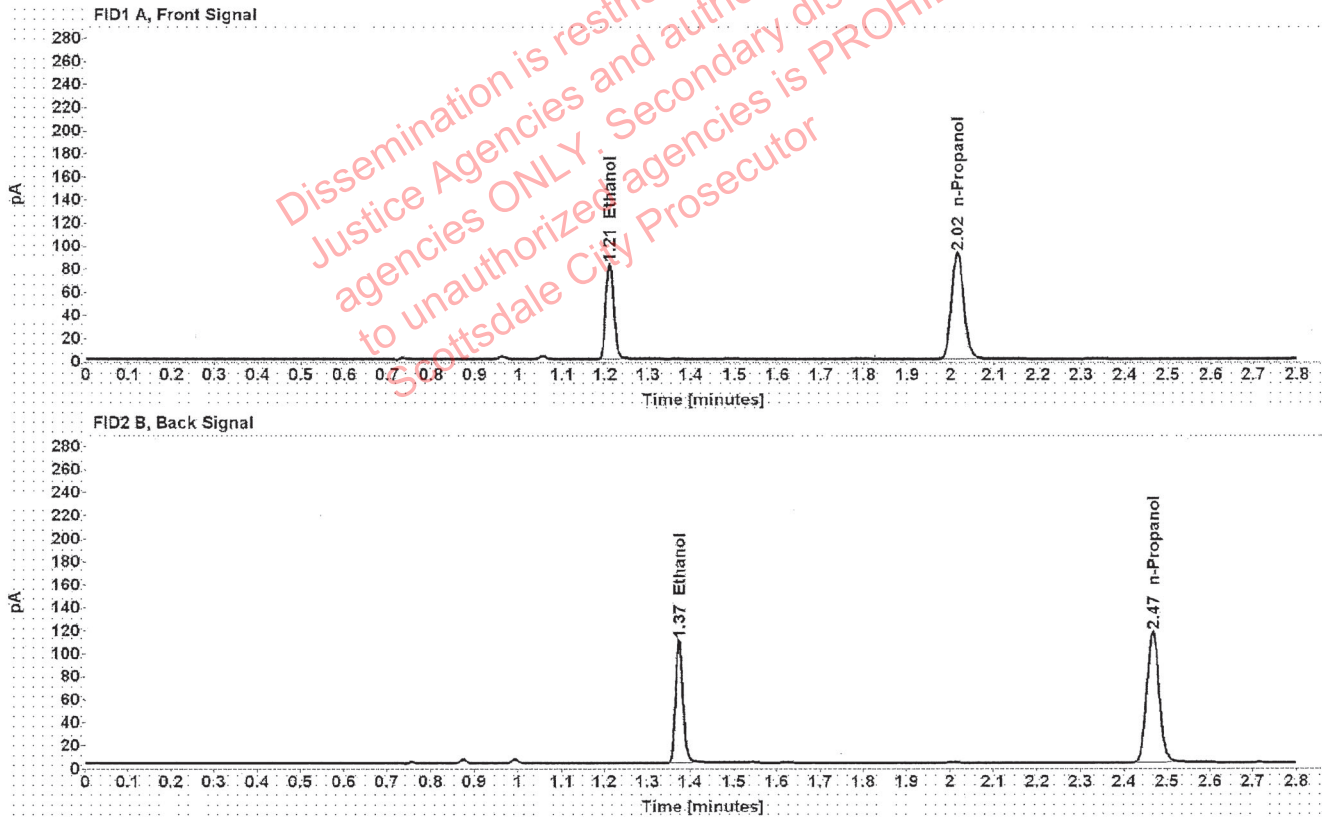


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1592	1.210	104.959
n-Propanol	-----	2.016	183.169

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

Compound	Time (min)	Peak Area
Ethanol	1.374	132.011
n-Propanol	2.466	230.175



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402450	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 11:53:25 PM
Data file:	C:\Chem32\1\Data\27Dec21\47.D	Analyst:	Brooke

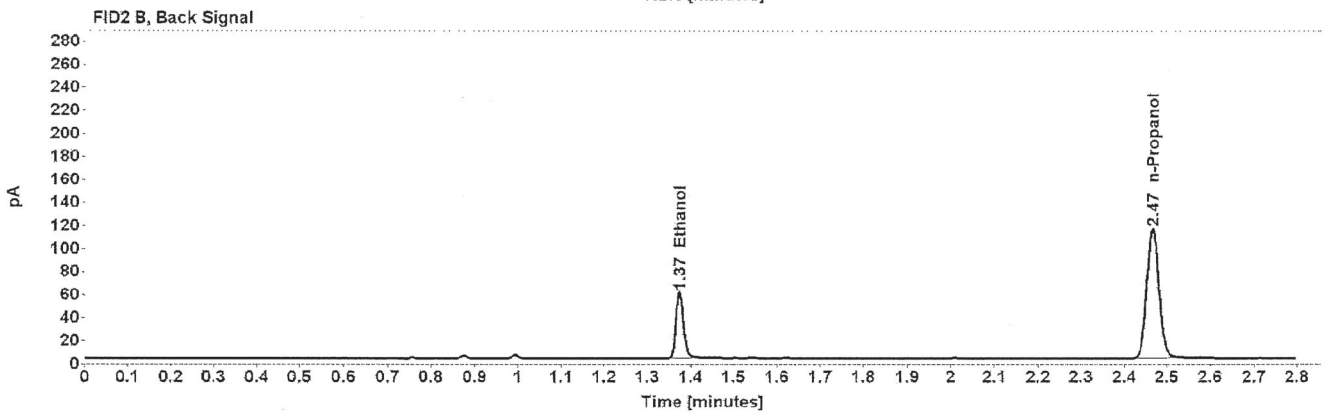
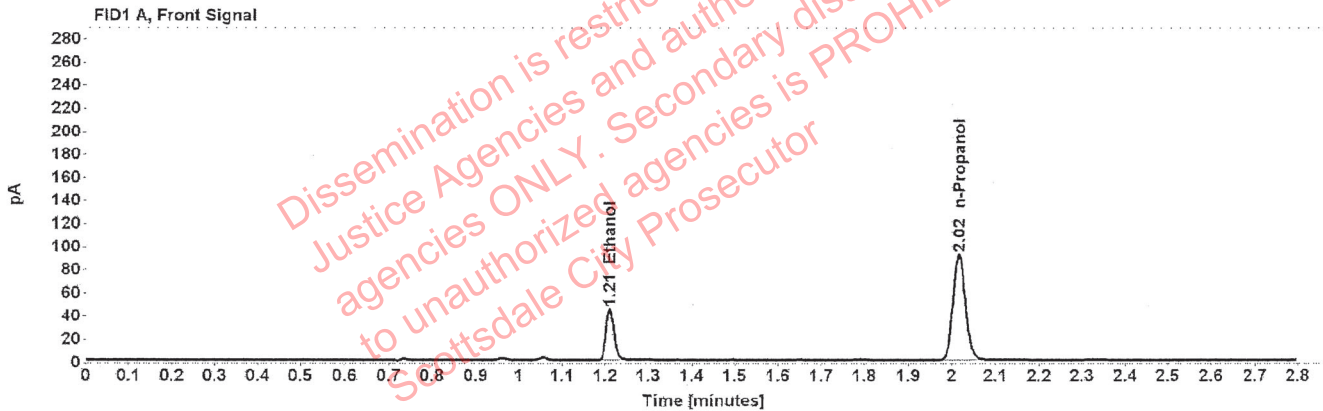


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0867	1.211	56.462
n-Propanol	-----	2.016	181.418

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

Compound	Time (min)	Peak Area
Ethanol	1.374	70.719
n-Propanol	2.466	227.583

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402450	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/27/2021 11:57:26 PM
Data file:	C:\Chem32\1\Data\27Dec21\48.D	Analyst:	Brooke

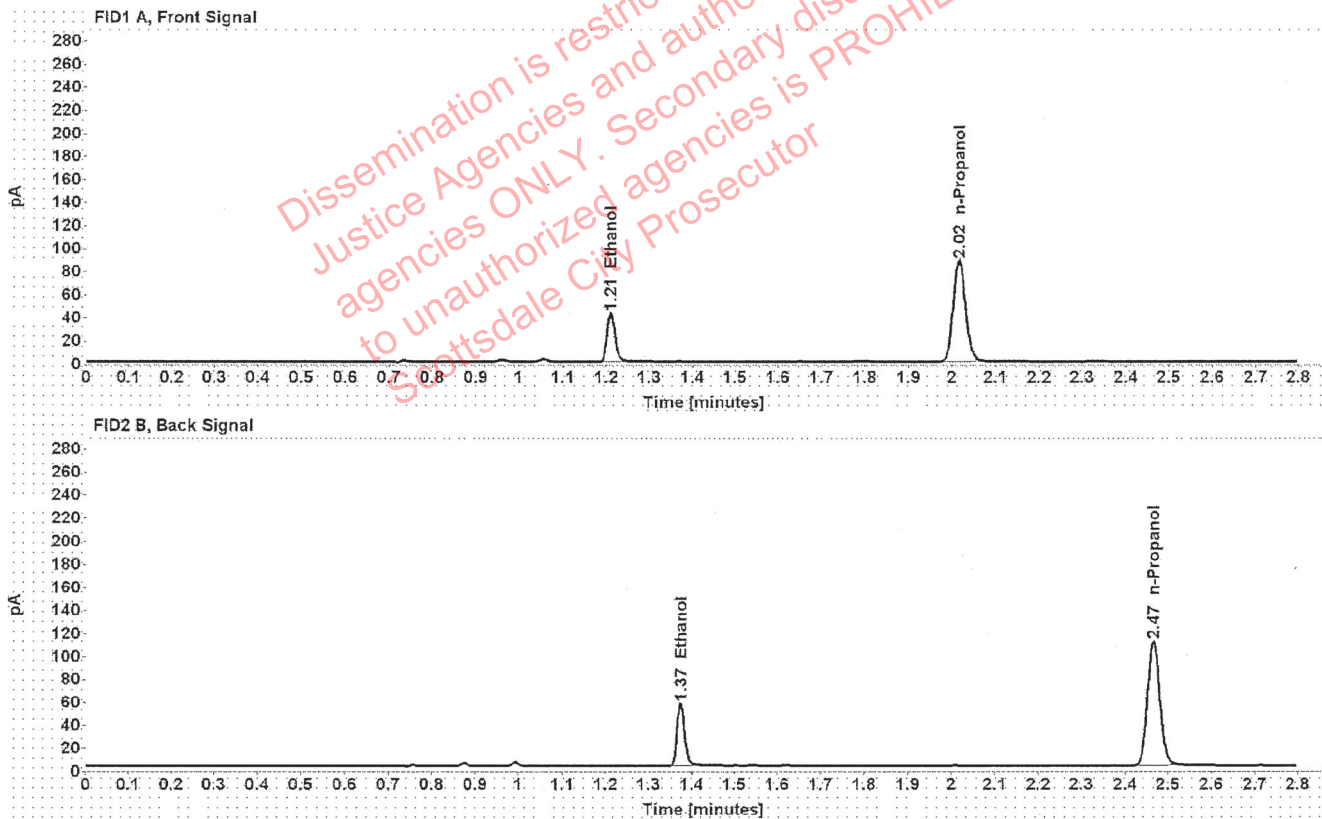


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0859	1.211	53.840
n-Propanol	-----	2.016	174.535

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

Compound	Time (min)	Peak Area
Ethanol	1.374	67.473
n-Propanol	2.466	218.801

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402068	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/28/2021 12:01:40 AM
Data file:	C:\Chem32\1\Data\27Dec21\49.D	Analyst:	Brooke

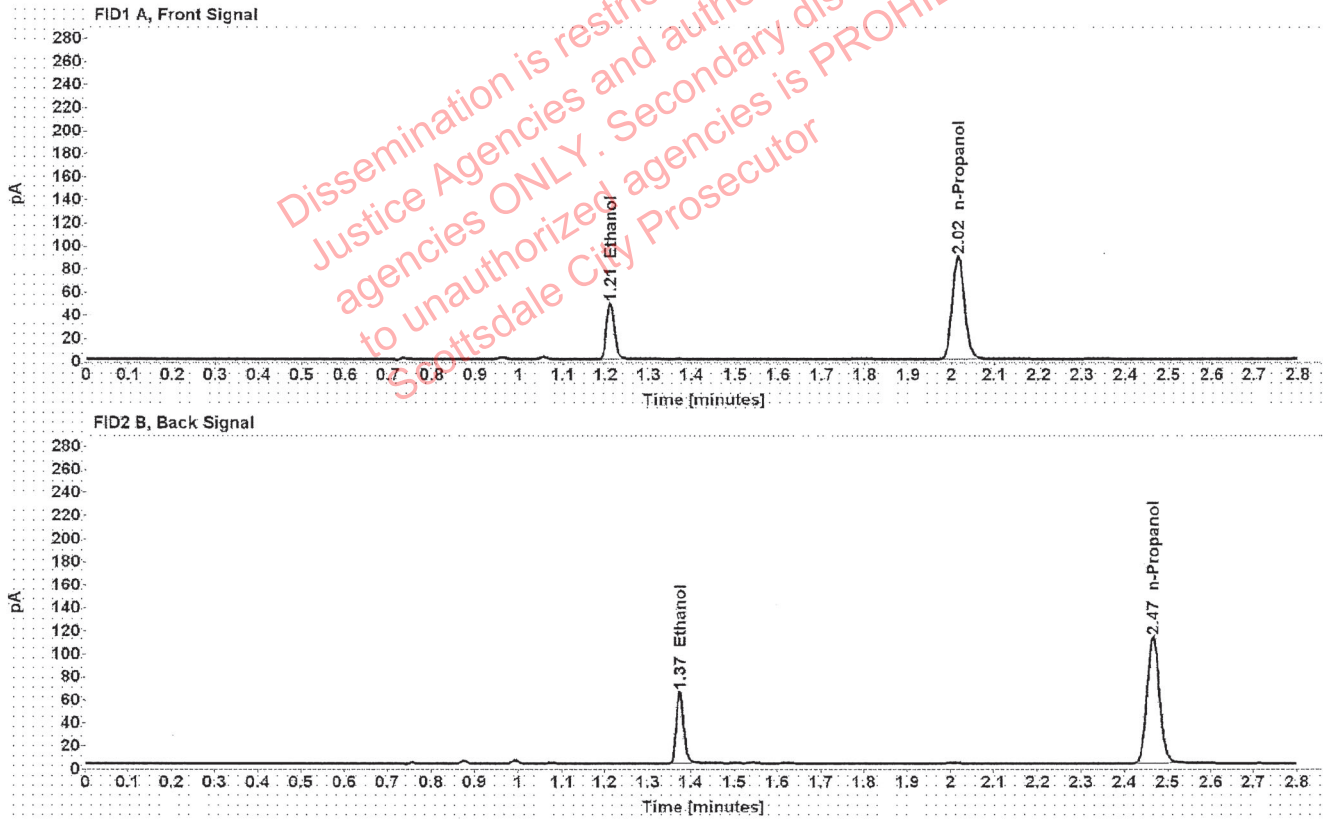


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0968	1.211	61.622
n-Propanol	-----	2.016	177.120

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

Compound	Time (min)	Peak Area
Ethanol	1.374	77.051
n-Propanol	2.466	222.542

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402068	Vial:	50
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/28/2021 12:05:40 AM
Data file:	C:\Chem32\1\Data\27Dec21\50.D	Analyst:	Brooke

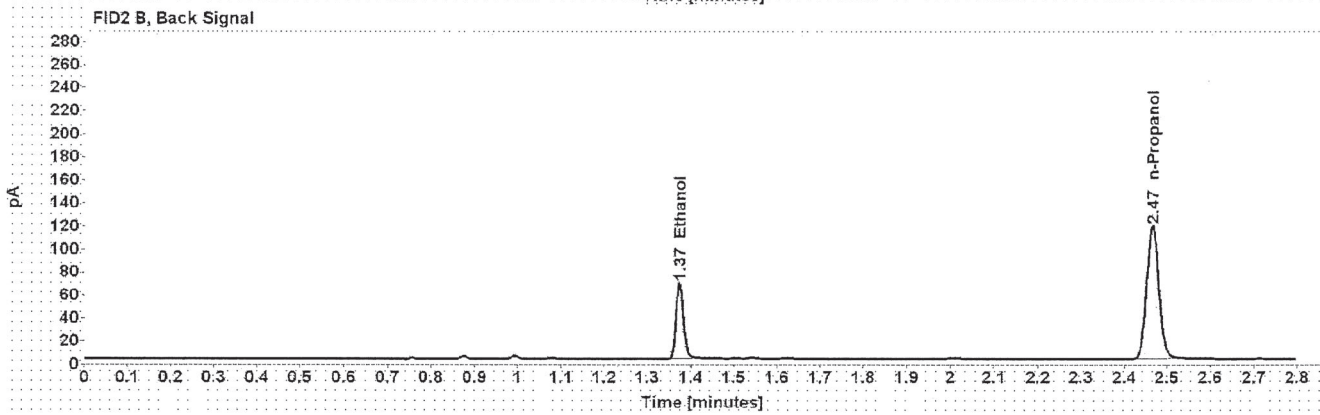
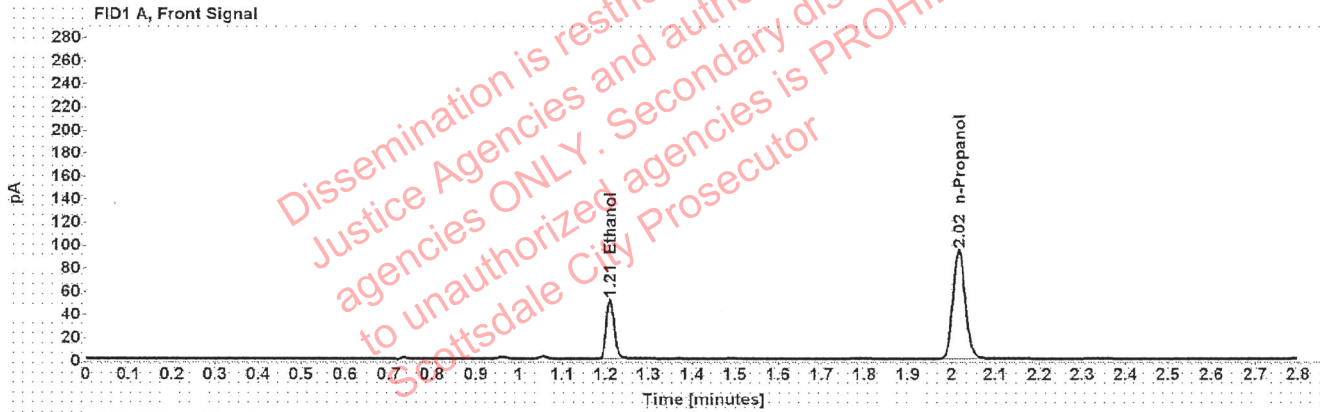


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0970	1.211	64.973
n-Propanol	-----	2.016	186.480

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

Compound	Time (min)	Peak Area
Ethanol	1.374	81.340
n-Propanol	2.466	234.228

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1302134	Vial:	51
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/28/2021 12:09:40 AM
Data file:	C:\Chem32\1\Data\27Dec21\51.D	Analyst:	Brooke

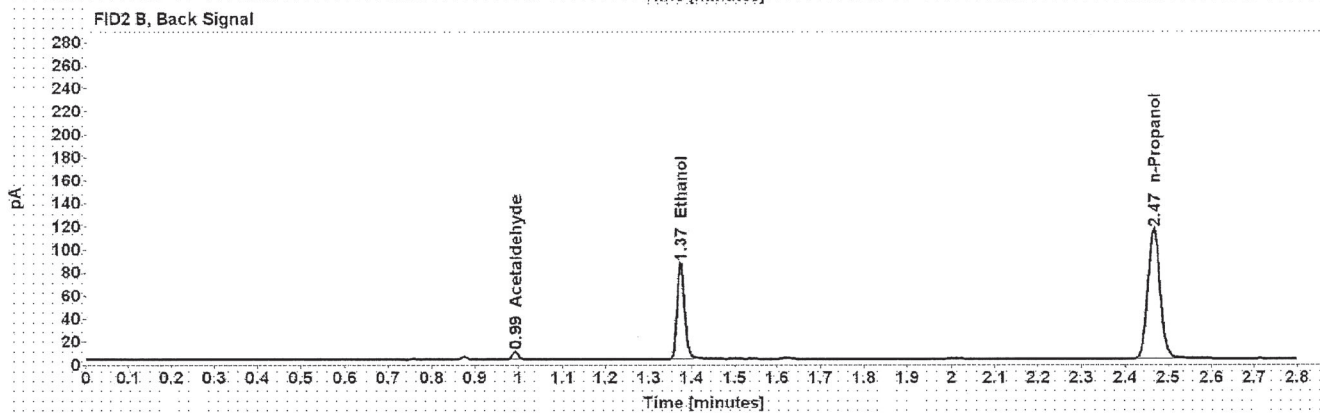
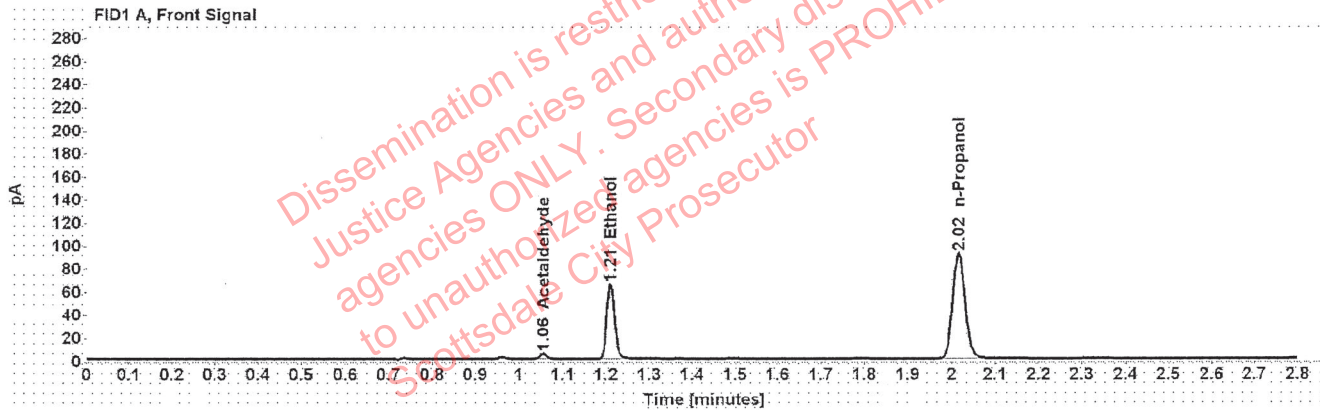


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.789
>Ethanol	0.1267	1.210	82.569
n-Propanol	-----	2.016	181.174

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.303
Ethanol	1.374	103.810
n-Propanol	2.466	227.930

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1302134	Vial:	52
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/28/2021 12:13:41 AM
Data file:	C:\Chem32\1\Data\27Dec21\52.D	Analyst:	Brooke

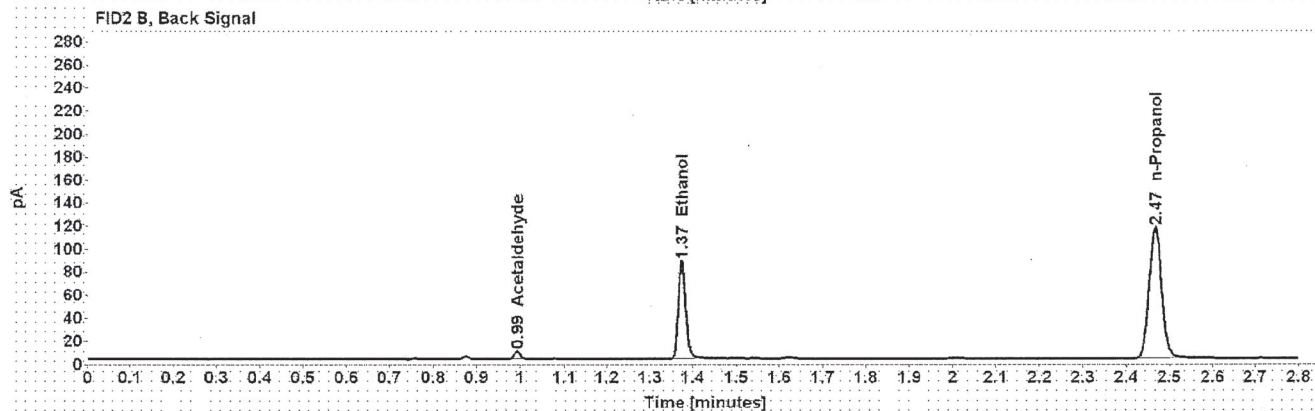
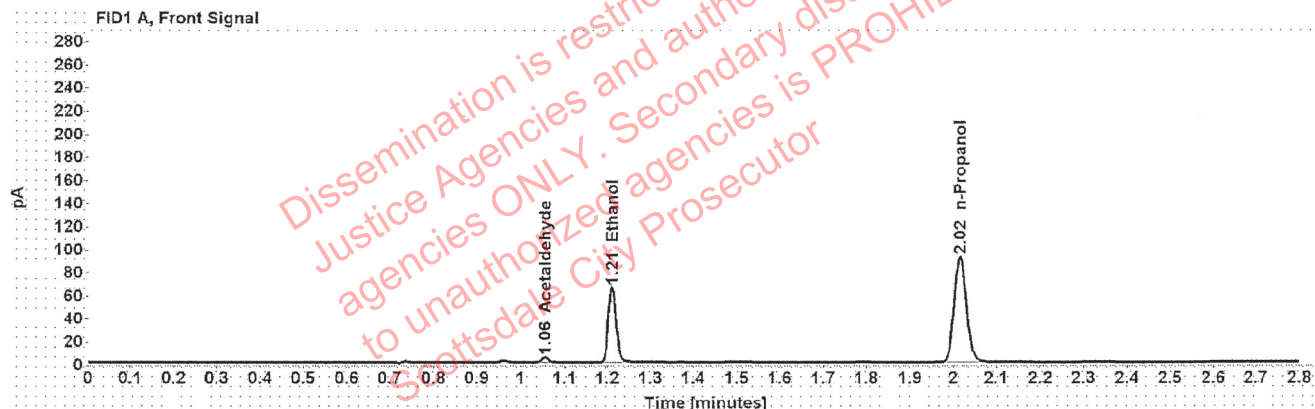


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.785
>Ethanol	0.1270	1.210	83.220
n-Propanol	-----	2.016	182.212

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.280
Ethanol	1.374	104.428
n-Propanol	2.467	229.121