

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 06/29/2021 SEQUENCE NAME 29Jun21

### 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 0.99998  
 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 062421AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.200 g/dL	0.203 g/dL	ACQ 4101018274/9
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.083 g/dL	Lipomed 20012020-B
42	Blood control	0.200 g/dL	0.202 g/dL	ACQ 4101018274/9
53	Aqueous control	0.400 g/dL	0.410 g/dL	Lipomed 11092018-A
54	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
55	Blood control	0.200 g/dL	0.204 g/dL	ACQ 4101018274/9
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.

Run valid   
 Run invalid

  
 Analyst

Run valid   
 Run invalid

  
 Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

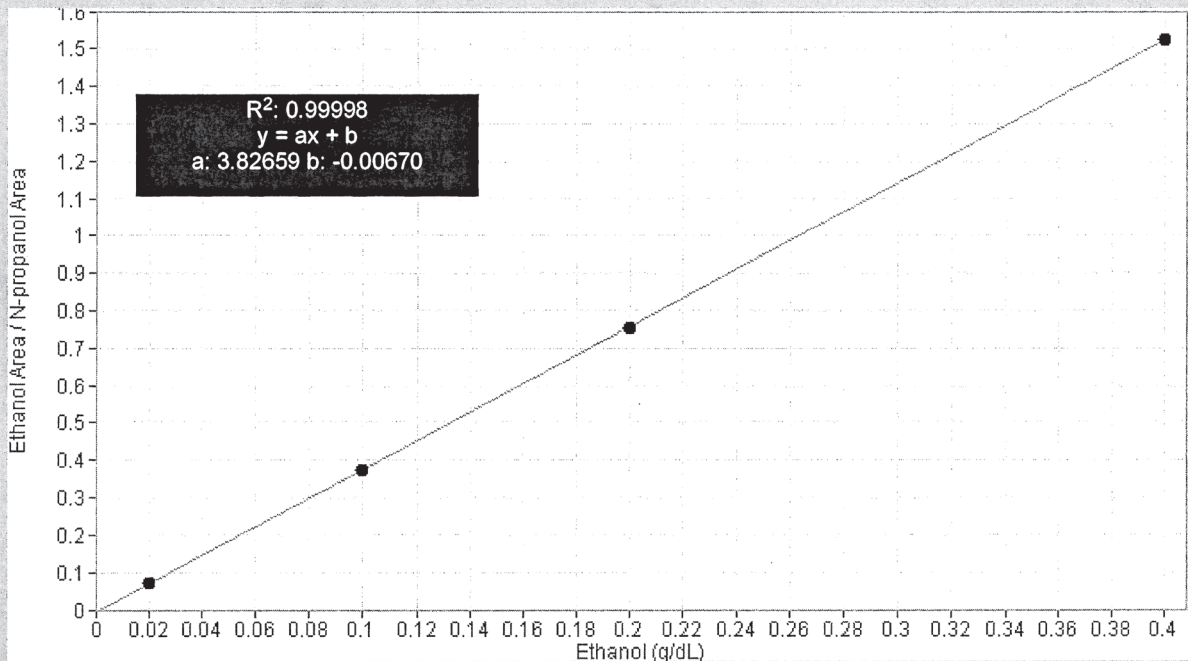
SEQUENCE NAME: 29Jun21

ANALYST: Abbott

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 062421AQ	5	negative	negative		-
0.400 11092018-A	7	0.399	0.400	0.25	-0.001
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.200 4101018274/9	9	0.203	0.200	1.50	0.003
0.080 20012020-B	20	0.080	0.080	0.00	0.000
0.080 20012020-B	31	0.083	0.080	3.75	0.003
0.200 4101018274/9	42	0.202	0.200	1.00	0.002
0.400 11092018-A	53	0.410	0.400	2.50	0.010
0.040 14082019-B	54	0.041	0.040	2.50	0.001
0.200 4101018274/9	55	0.204	0.200	2.00	0.004
blank 111020WB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.488	157.060	0.073
0.100	60.475	161.729	0.374
0.200	119.845	158.656	0.755
0.400	241.000	157.939	1.526

### 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> 29Jun21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 6/29/2021 12:07:58 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <span style="float: right;"><i>Abbott</i></span>
<b>Data file:</b> C:\Chem32\1\Data\29Jun21\1.D	

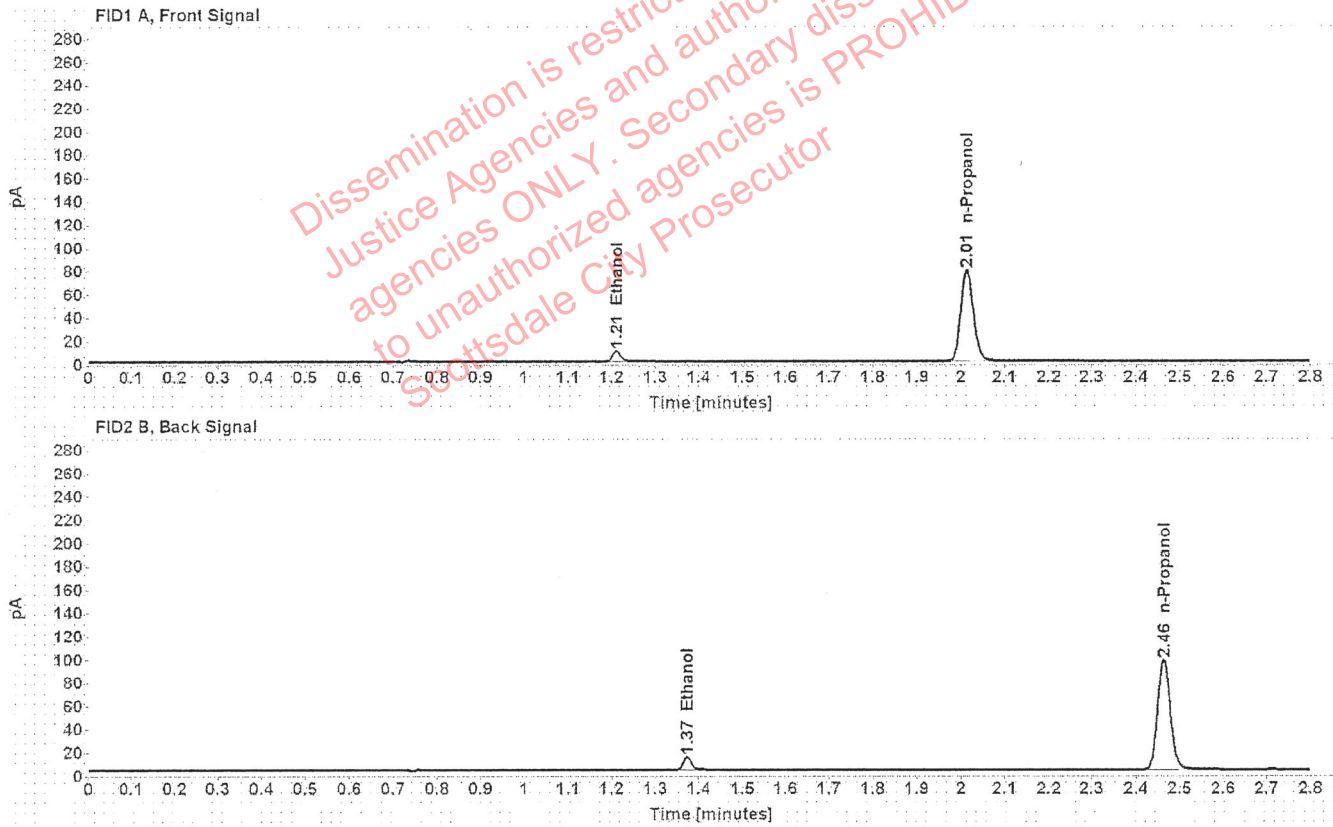


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	11.488
n-Propanol	2.014	157.060

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

Compound	Time (min)	Peak Area
Ethanol	1.373	14.099
n-Propanol	2.464	190.894

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05311902	<b>Vial:</b> 2
<b>Description:</b> 0.100 calibrator	<b>Sequence:</b> 29Jun21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 6/29/2021 12:11:58 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>AM</i>
<b>Data file:</b> C:\Chem32\1\Data\29Jun21\2.D	

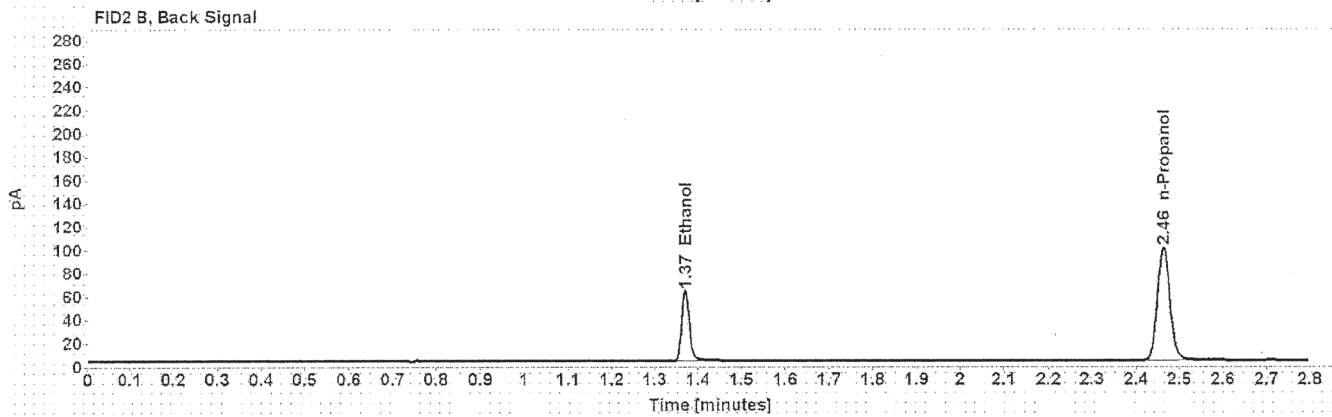
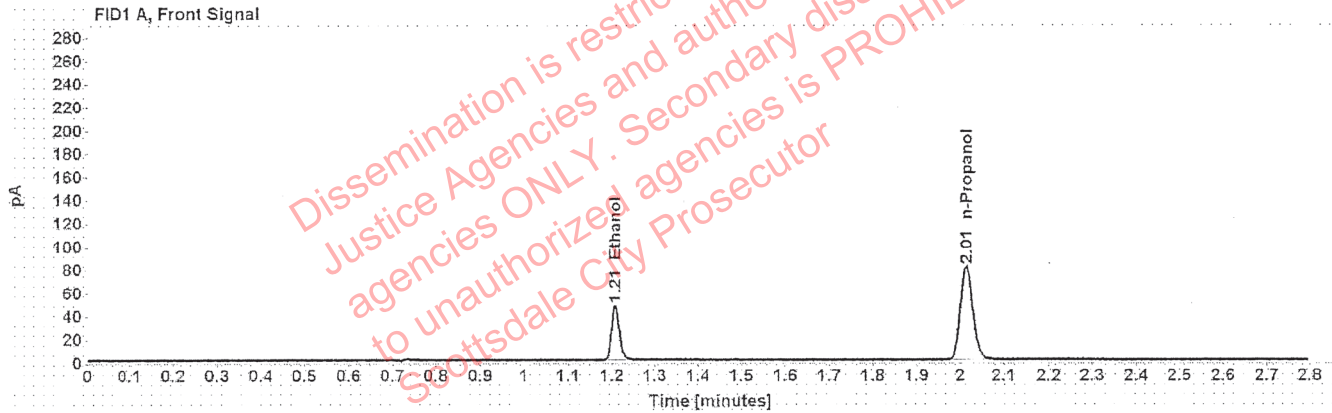


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	60.475
n-Propanol	2.014	161.729

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

Compound	Time (min)	Peak Area
Ethanol	1.371	74.355
n-Propanol	2.463	196.523

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05101903	Vial: 3
Description: 0.200 calibrator	Sequence: 29Jun21
Method: ethanol quant.M	Injection date: 6/29/2021 12:15:59 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>JA</i>
Data file: C:\Chem32\1\Data\29Jun21\3.D	

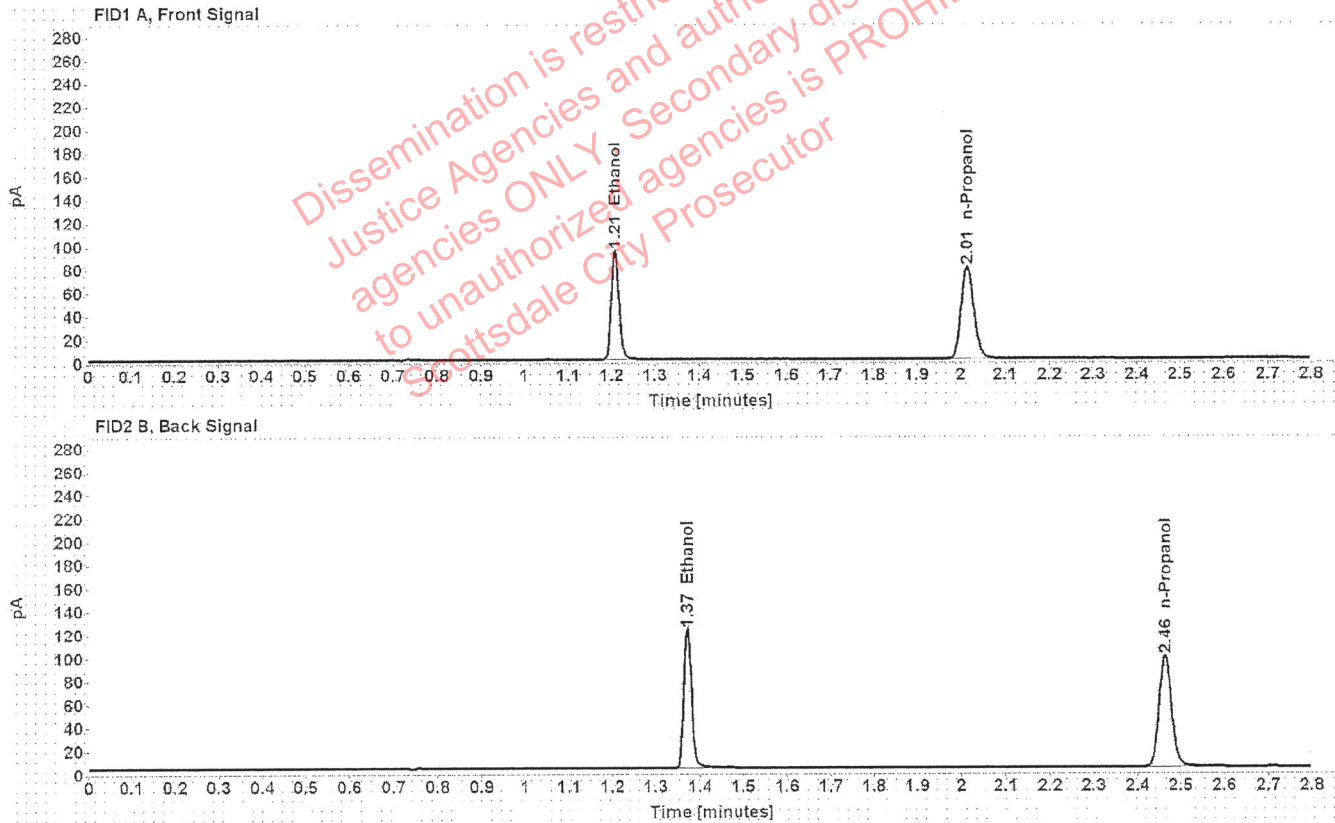


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	119.845
n-Propanol	2.014	158.656

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

Compound	Time (min)	Peak Area
Ethanol	1.371	147.348
n-Propanol	2.464	192.843

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN10051906	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 29Jun21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 6/29/2021 12:19:59 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>BA</i>
<b>Data file:</b> C:\Chem32\1\Data\29Jun21\4.D	

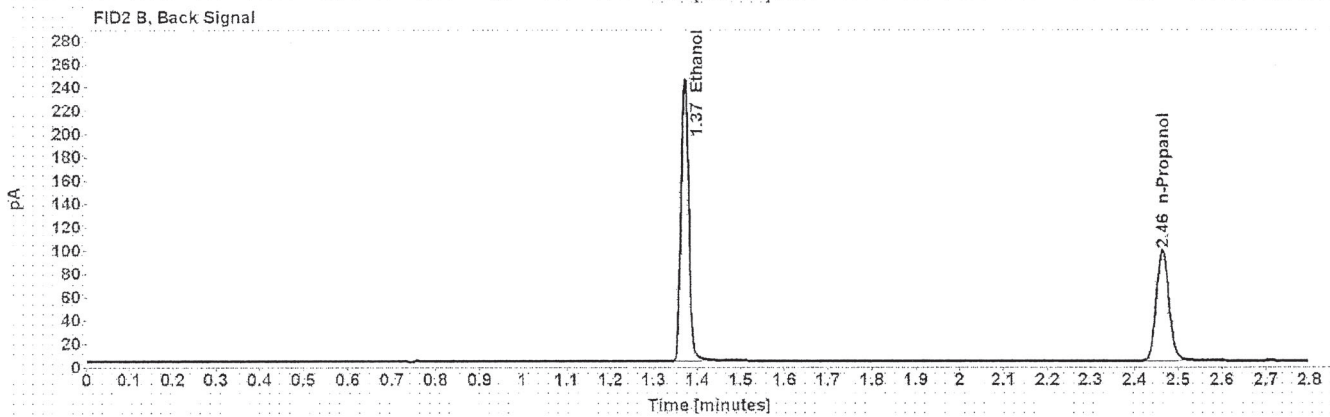
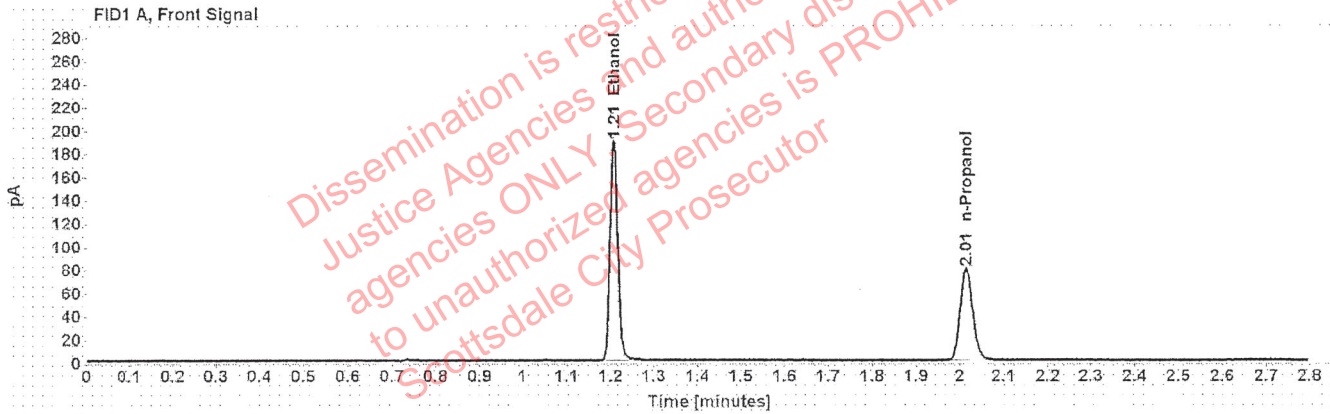


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	241.000
n-Propanol	2.014	157.939

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

Compound	Time (min)	Peak Area
Ethanol	1.371	297.124
n-Propanol	2.464	192.378

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 062421AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 29Jun21
Instrument: US14173023 CN14160045	Injection date: 6/29/2021 12:23:59 PM
Data file: C:\Chem32\1\Data\29Jun21\5.D	Analyst: Abbott <i>JA</i>

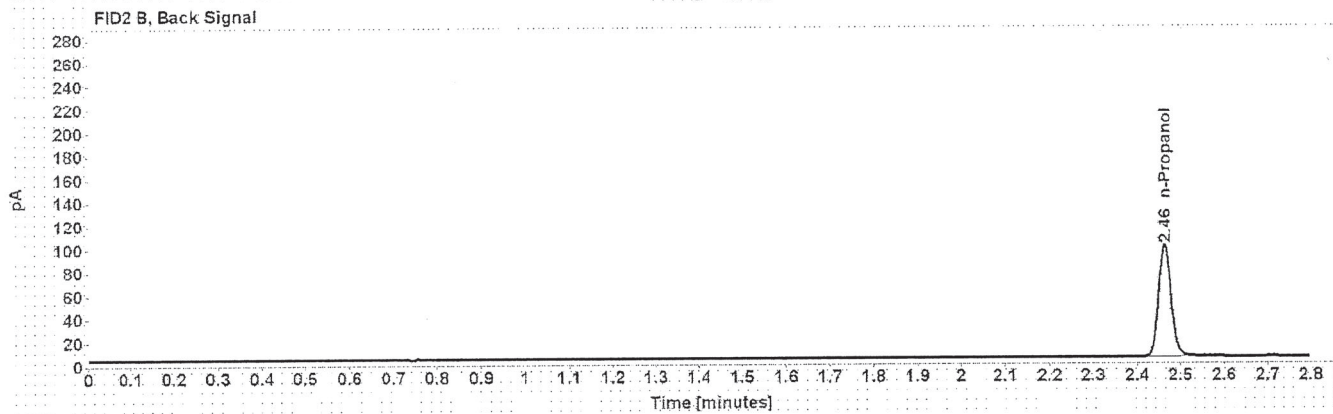
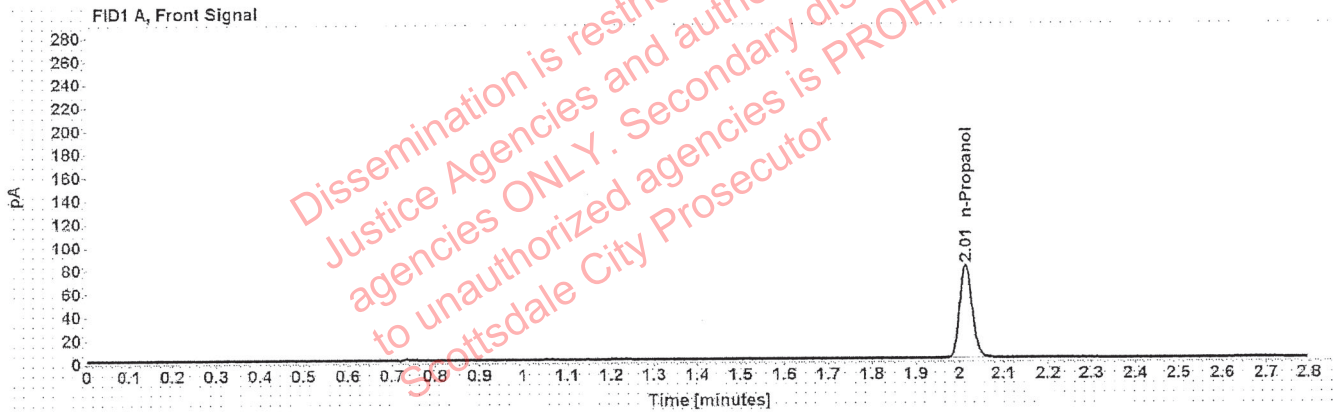


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	160.095

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

Compound	Time (min)	Peak Area
n-Propanol	2.464	194.304

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 050721MIX	<b>Vial:</b> 6
<b>Description:</b> Volatiles mix	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 29Jun21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 6/29/2021 12:27:59 PM
<b>Data file:</b> C:\Chem32\1\Data\29Jun21\6.D	<b>Analyst:</b> Abbott <i>pa</i>

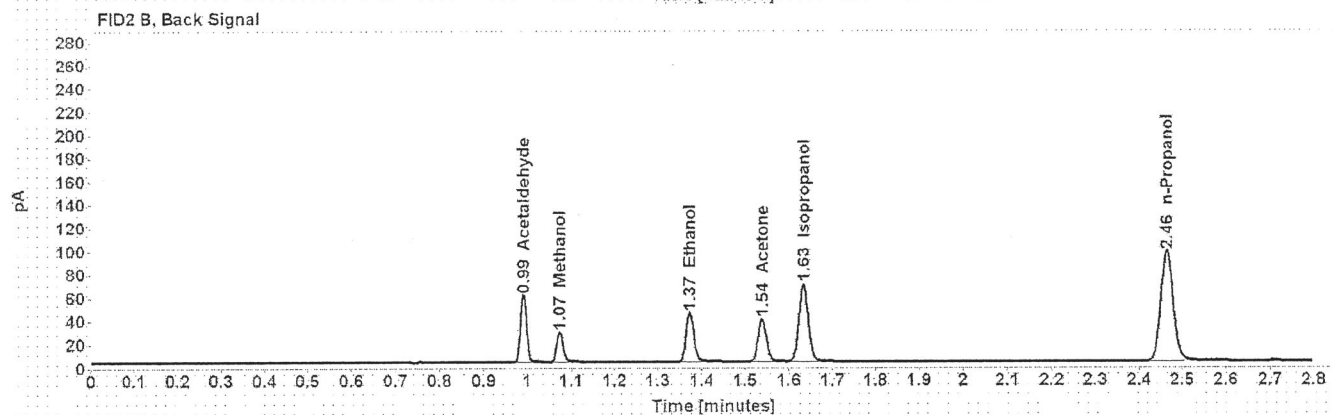
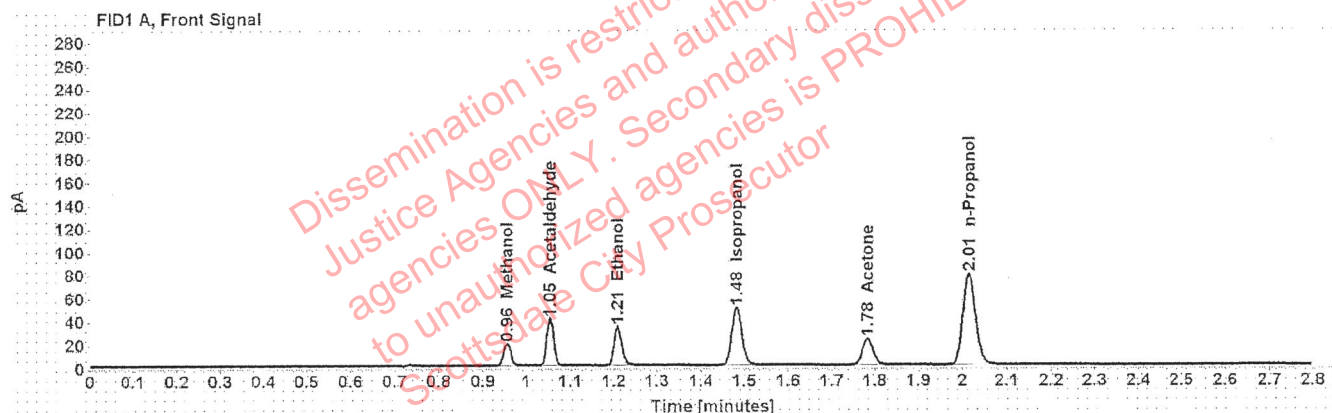


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	21.686
Acetaldehyde	-----	1.054	44.751
>Ethanol	0.0731	1.209	42.813
Isopropanol	-----	1.482	79.520
Acetone	-----	1.783	38.747
n-Propanol	-----	2.014	156.766

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.991	57.785
Methanol	1.074	27.422
Ethanol	1.372	52.523
Acetone	1.539	48.005
Isopropanol	1.634	100.916
n-Propanol	2.464	190.893



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 29Jun21
Instrument: US14173023 CN14160045	Injection date: 6/29/2021 12:32:14 PM
Data file: C:\Chem32\1\Data\29Jun21\7.D	Analyst: Abbott <i>JA</i>

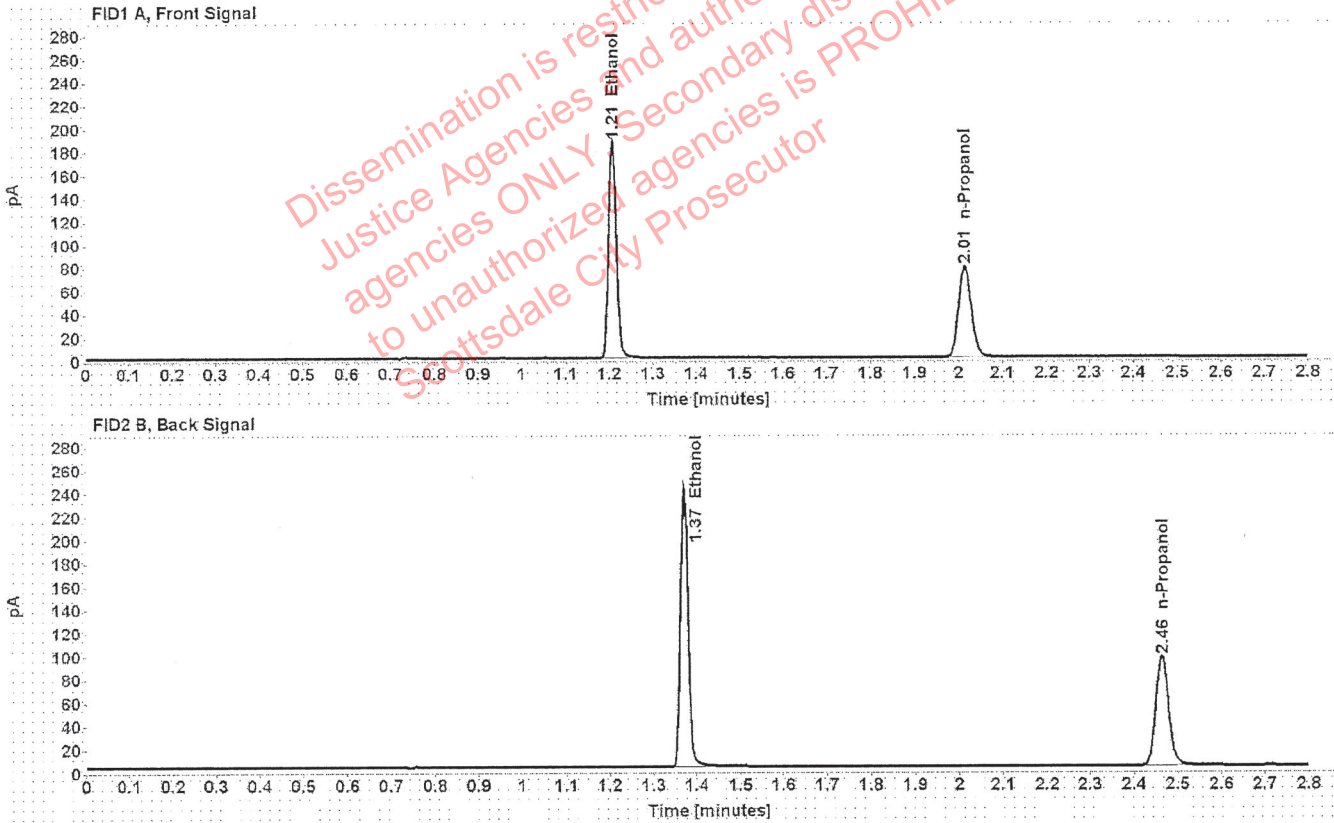


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3996	1.207	238.567
n-Propanol	-----	2.014	156.717

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

Compound	Time (min)	Peak Area
Ethanol	1.370	294.857
n-Propanol	2.464	190.712

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 29Jun21
Instrument: US14173023 CN14160045	Injection date: 6/29/2021 12:36:13 PM
Data file: C:\Chem32\1\Data\29Jun21\8.D	Analyst: Abbott <i>JA</i>

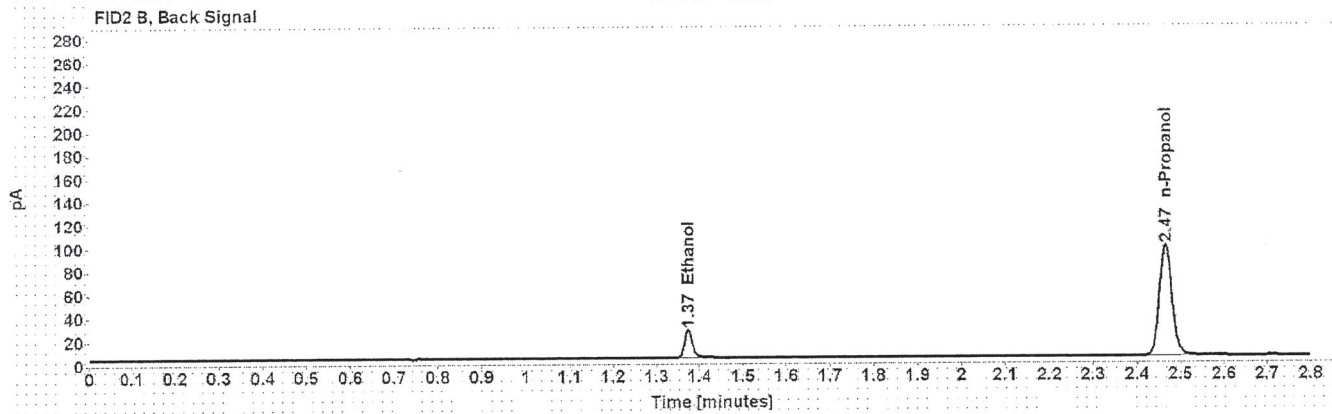
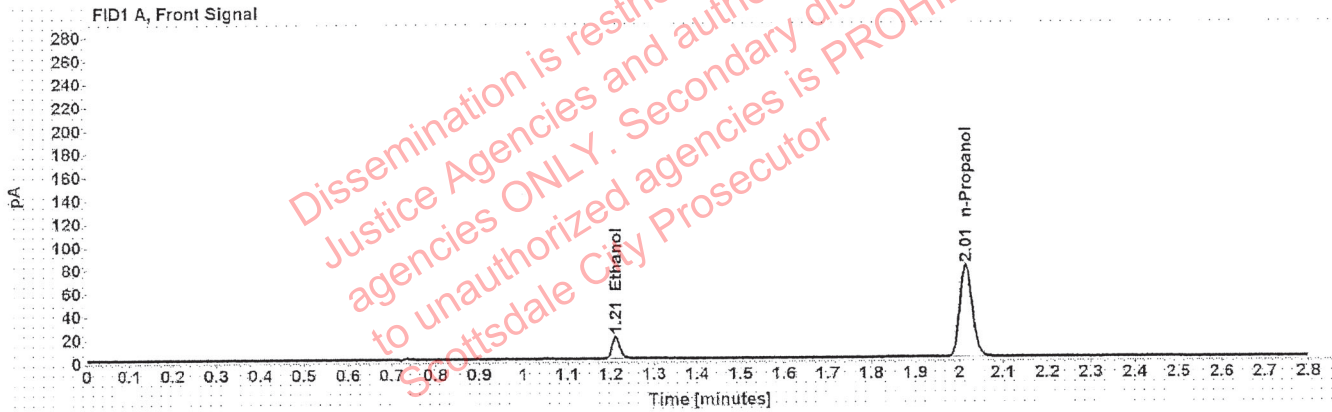


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0416	1.211	24.091
n-Propanol	-----	2.015	158.156

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

Compound	Time (min)	Peak Area
Ethanol	1.374	29.475
n-Propanol	2.465	192.223

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 9
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 29Jun21
Instrument: US14173023 CN14160045	Injection date: 6/29/2021 12:40:13 PM
Data file: C:\Chem32\1\Data\29Jun21\9.D	Analyst: Abbott <span style="float: right;">DA</span>

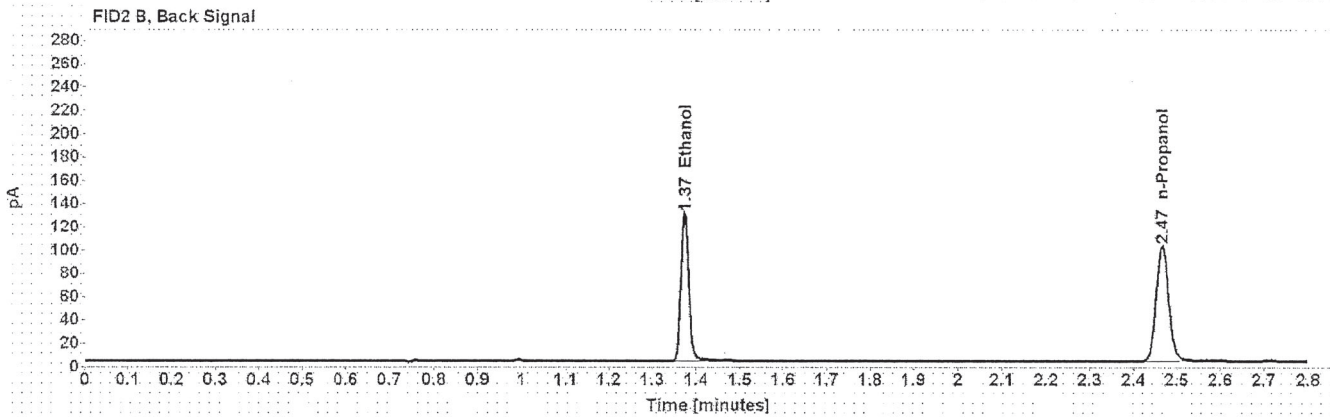
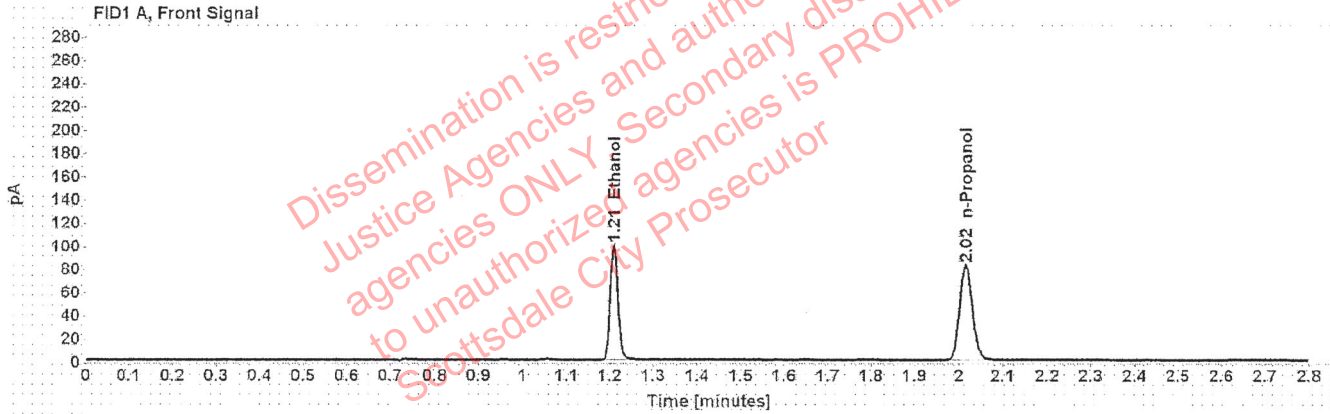


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2033	1.209	126.735
n-Propanol	-----	2.016	164.357

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

Compound	Time (min)	Peak Area
Ethanol	1.373	156.631
n-Propanol	2.466	200.649

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 29Jun21
Instrument: US14173023 CN14160045	Injection date: 6/29/2021 1:24:45 PM
Data file: C:\Chem321\Data\29Jun21\20.D	Analyst: Abbott <i>JA</i>

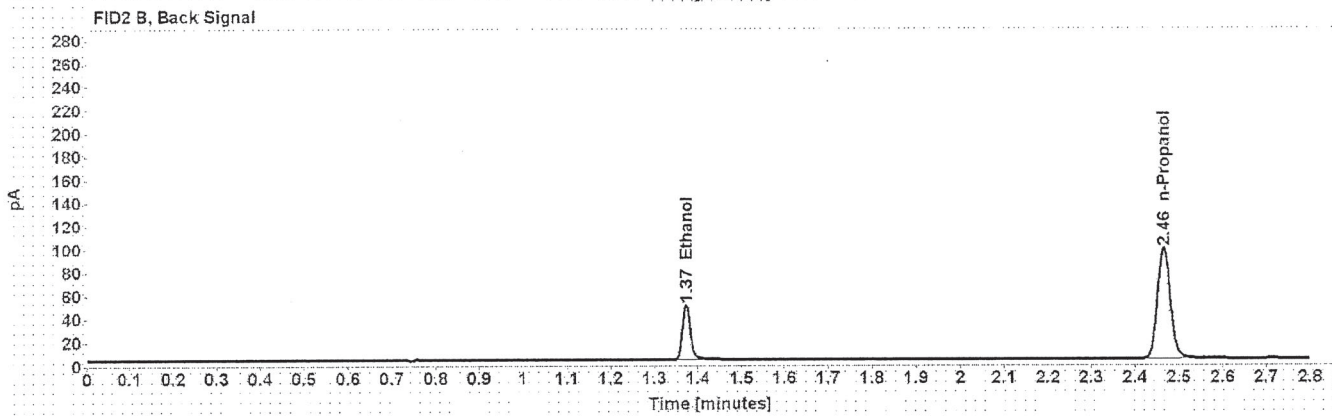
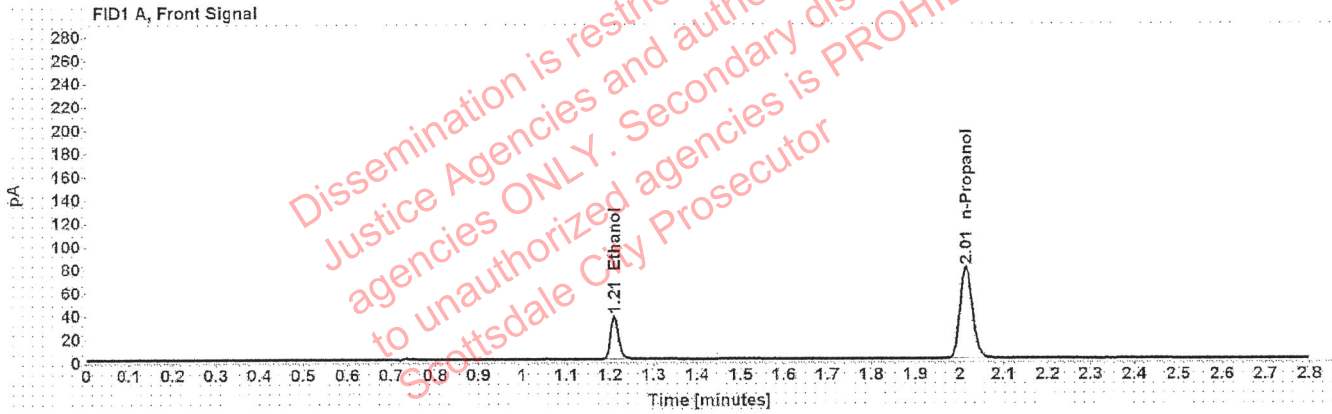


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0807	1.209	47.619
n-Propanol	-----	2.015	157.719

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

Compound	Time (min)	Peak Area
Ethanol	1.373	58.839
n-Propanol	2.465	193.394

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 29Jun21
Instrument: US14173023 CN14160045	Injection date: 6/29/2021 2:09:14 PM
Data file: C:\Chem32\1\Data\29Jun21\31.D	Analyst: Abbott <i>JA</i>

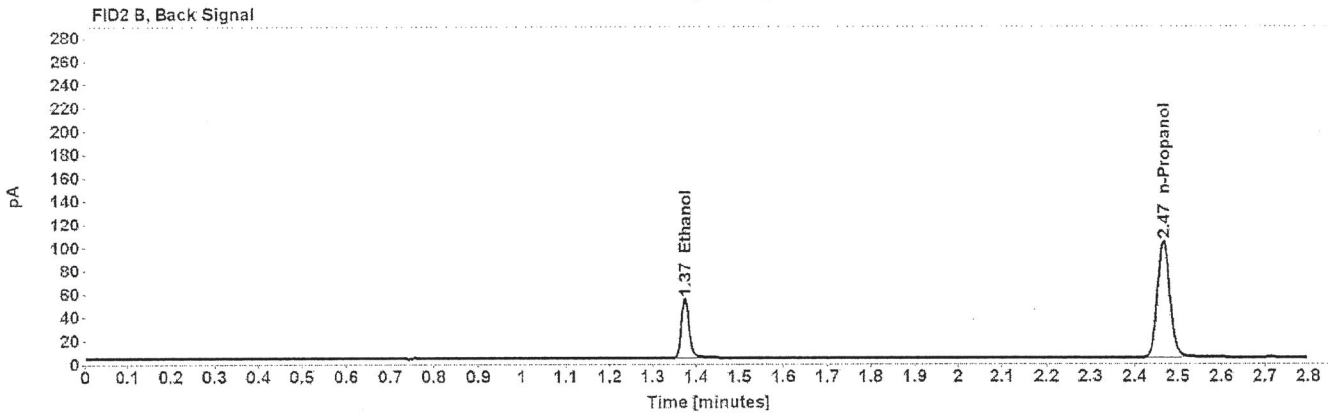


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0830	1.210	51.584
n-Propanol	-----	2.016	165.995

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

Compound	Time (min)	Peak Area
Ethanol	1.374	63.542
n-Propanol	2.466	203.828

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 42
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 29Jun21
Instrument: US14173023 CN14160045	Injection date: 6/29/2021 2:53:29 PM
Data file: C:\Chem32\1\Data\29Jun21\42.D	Analyst: Abbott <i>JA</i>

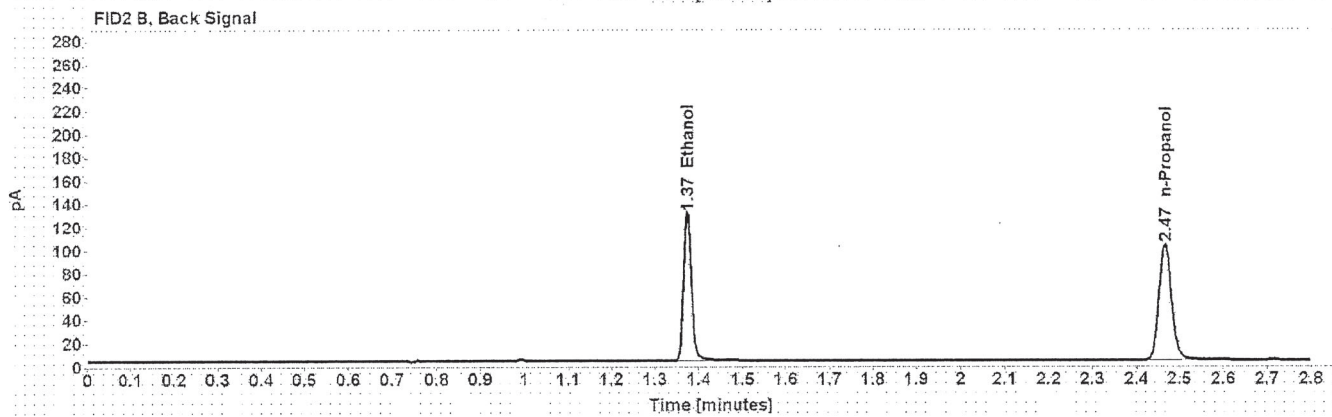
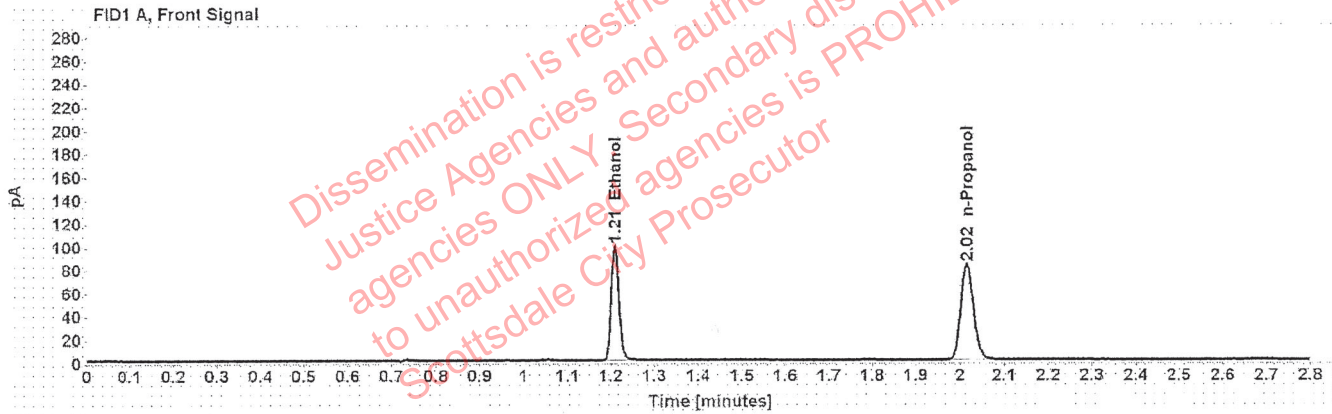


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2026	1.209	126.982
n-Propanol	-----	2.016	165.222

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.986
n-Propanol	2.467	203.472

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 53
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 29Jun21
Instrument: US14173023 CN14160045	Injection date: 6/29/2021 3:37:59 PM
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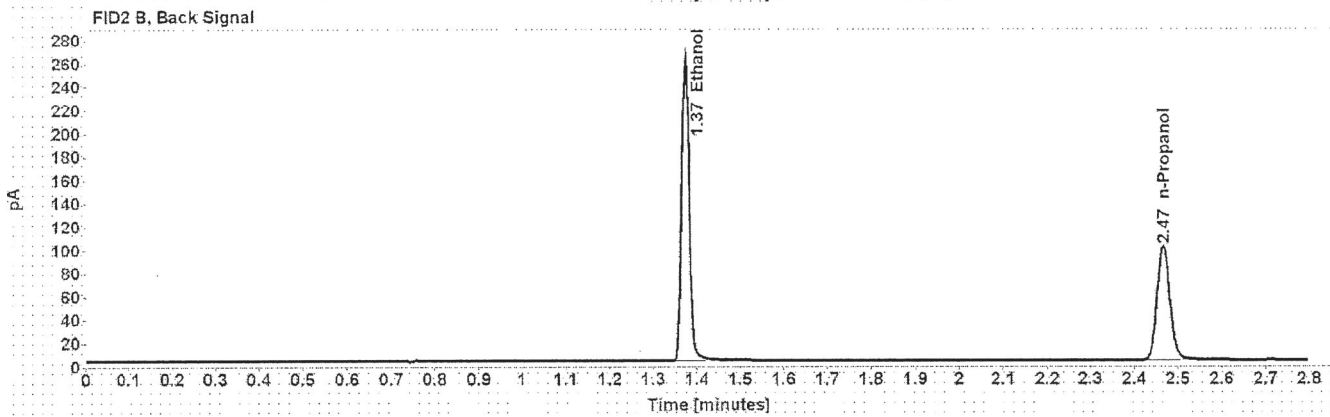
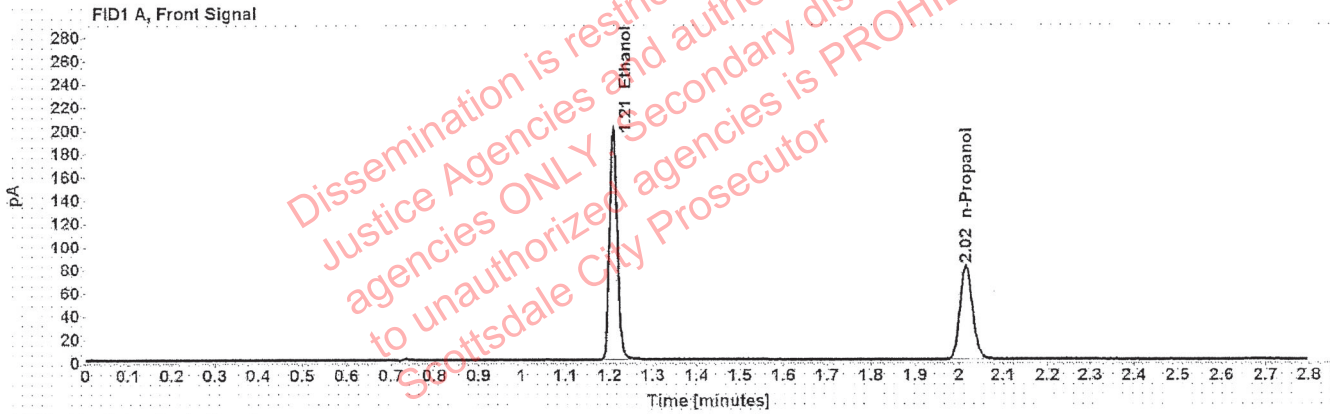


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4106	1.209	253.943
n-Propanol	-----	2.016	162.318

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

Compound	Time (min)	Peak Area
Ethanol	1.373	317.102
n-Propanol	2.466	200.340

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 54
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 29Jun21
Instrument: US14173023 CN14160045	Injection date: 6/29/2021 3:41:59 PM
Data file: C:\Chem32\1\Data\29Jun21\54.D	Analyst: Abbott <i>JA</i>

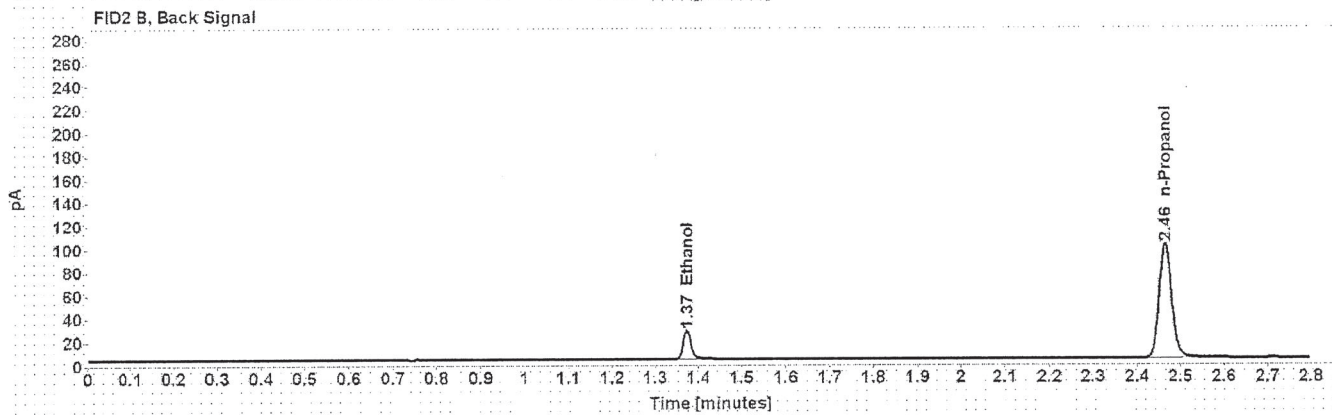
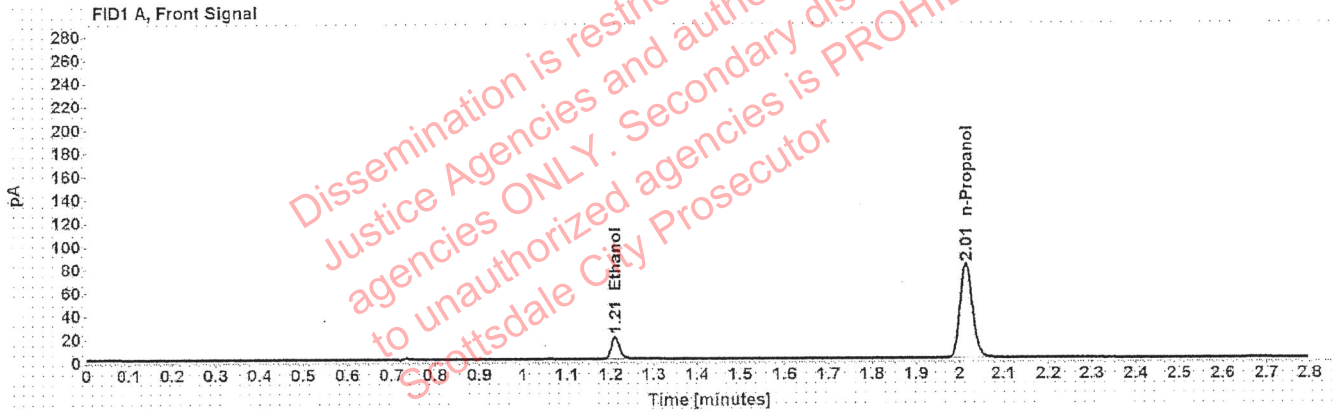


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0415	1.210	24.733
n-Propanol	-----	2.014	162.574

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

Compound	Time (min)	Peak Area
Ethanol	1.373	30.576
n-Propanol	2.464	200.329



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 55
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 29Jun21
Instrument: US14173023 CN14160045	Injection date: 6/29/2021 3:46:14 PM
Data file: C:\Chem32\1\Data\29Jun21\55.D	Analyst: Abbott <i>MA</i>

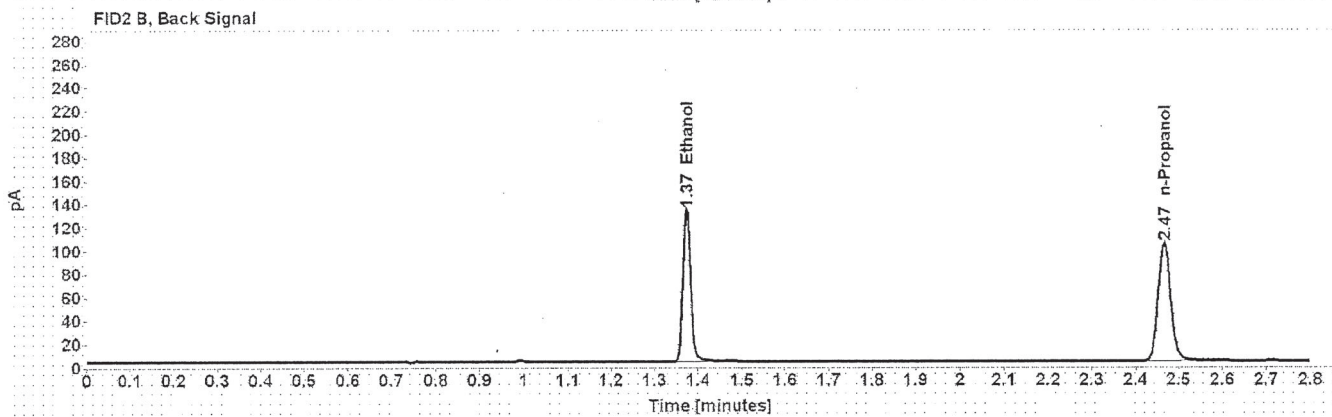
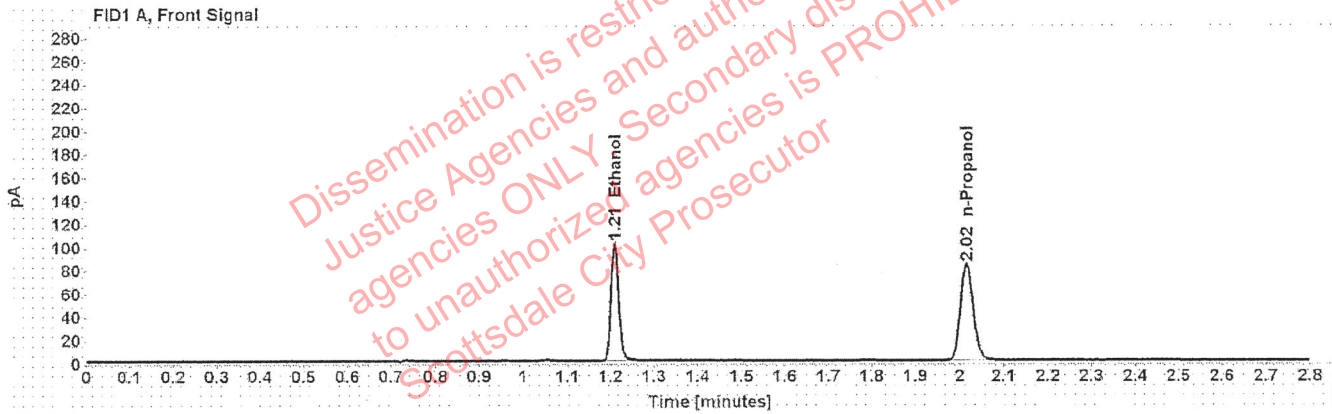


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2049	1.209	129.874
n-Propanol	-----	2.016	167.108

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

Compound	Time (min)	Peak Area
Ethanol	1.374	162.121
n-Propanol	2.467	206.012

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111020WB	Vial:	56
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 3:50:14 PM
Data file:	C:\Chem32\1\Data\29Jun21\56.D	Analyst:	Abbott <i>JA</i>

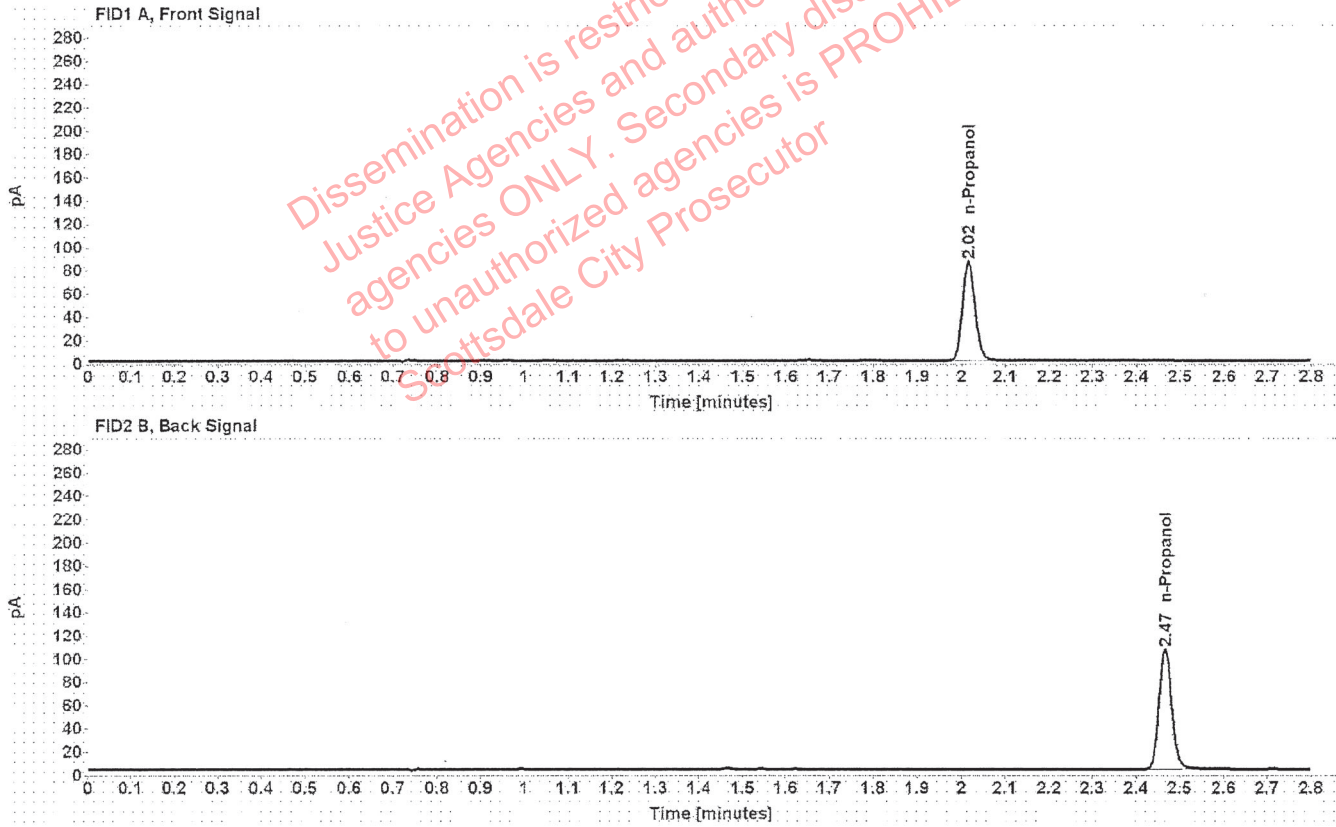


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	170.388

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	210.284

# Sequence Summary

Sequence name: 29Jun21      Instrument: US14173023 CN14160045      Analyst: Abbott *JA*

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	062421AQ	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	4101018274/9	0.200	Control		ethanol quant.M
10	35301MS		Sample		ethanol quant.M
11	35301MS		Sample		ethanol quant.M
12	32701JS		Sample		ethanol quant.M
13	32701JS		Sample		ethanol quant.M
14	32701AA		Sample		ethanol quant.M
15	32701AA		Sample		ethanol quant.M
16	38801CR		Sample		ethanol quant.M
17	38801CR		Sample		ethanol quant.M
18	32701CM		Sample		ethanol quant.M
19	32701CM		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	33801ES		Sample		ethanol quant.M
22	33801ES		Sample		ethanol quant.M
23	33801JT		Sample		ethanol quant.M
24	33801JT		Sample		ethanol quant.M
25	33801SM		Sample		ethanol quant.M
26	33801SM		Sample		ethanol quant.M
27	33601LH		Sample		ethanol quant.M
28	33601LH		Sample		ethanol quant.M
29	32701TZ		Sample		ethanol quant.M
30	32701TZ		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	34001SR		Sample		ethanol quant.M
33	34001SR		Sample		ethanol quant.M
34	1378026		Sample		ethanol quant.M
35	1378026		Sample		ethanol quant.M
36	1378285		Sample		ethanol quant.M
37	1378285		Sample		ethanol quant.M
38	1376394		Sample		ethanol quant.M
39	1376394		Sample		ethanol quant.M
40	1378645		Sample		ethanol quant.M
41	1378645		Sample		ethanol quant.M
42	4101018274/9	0.200	Control		ethanol quant.M
43	1378254		Sample		ethanol quant.M
44	1378254		Sample		ethanol quant.M
45	1378466		Sample		ethanol quant.M
46	1378466		Sample		ethanol quant.M
47	1378153		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

48	1378153		Sample		ethanol quant.M
49	1378746		Sample		ethanol quant.M
50	1378746		Sample		ethanol quant.M
51	1377434		Sample		ethanol quant.M
52	1377434		Sample		ethanol quant.M
53	11092018-A	0.400	Control		ethanol quant.M
54	14082019-B	0.040	Control		ethanol quant.M
55	4101018274/9	0.200	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

SEQUENCE NAME: 29Jun21

ANALYST: Abbott *JA*

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0936	0.0928	0.09320	0.43	0.00040
12 13	0.1442	0.1442	0.14420	0.00	0.00000
14 15	0.1601	0.1598	0.15995	0.09	0.00015
16 17	0.1622	0.1624	0.16230	0.06	0.00010
18 19	0.0296	0.0298	0.02970	0.34	0.00010
21 22	0.2465	0.2492	0.24785	0.54	0.00135
23 24	0.2579	0.2585	0.25820	0.12	0.00030
25 26	0.1585	0.1572	0.15785	0.41	0.00065
27 28	0.1525	0.1526	0.15255	0.03	0.00005
29 30	0.1341	0.1333	0.13370	0.30	0.00040
32 33	0.0979	0.0972	0.09755	0.36	0.00035
34 35	0.3865	0.3914	0.38895	0.63	0.00245
36 37	0.1842	0.1848	0.18450	0.16	0.00030
38 39	0.1111	0.1126	0.11185	0.67	0.00075
40 41	0.2314	0.2305	0.23095	0.19	0.00045
43 44	0.2040	0.2051	0.20455	0.27	0.00055
45 46	0.1970	0.1986	0.19780	0.40	0.00080
47 48	0.1439	0.1431	0.14350	0.28	0.00040
49 50	0.2155	0.2153	0.21540	0.05	0.00010
51 52	0.1692	0.1678	0.16850	0.42	0.00070

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

**Scottsdale Forensic Lab**  
**Blood Alcohol Pipetting Log**

**ANALYST:** Abbott 

**SEQUENCE:** 29Jun21

<b>Instrument Position</b>	<b>Headspace Vial 1</b>	<b>Headspace Vial 2</b>	<b>Blood Tube</b>	<b>Barcode Match</b>
Vials 10 and 11	35301MS	35301MS	35301MS	Yes
Vials 12 and 13	32701JS	32701JS	32701JS	Yes
Vials 14 and 15	32701AA	32701AA	32701AA	Yes
Vials 16 and 17	38801CR	38801CR	38801CR	Yes
Vials 18 and 19	32701CM	32701CM	32701CM	Yes
Vials 21 and 22	33801ES	33801ES	33801ES	Yes
Vials 23 and 24	33801JT	33801JT	33801JT	Yes
Vials 25 and 26	33801SM	33801SM	33801SM	Yes
Vials 27 and 28	33601LH	33601LH	33601LH	Yes
Vials 29 and 30	32701TZ	32701TZ	32701TZ	Yes
Vials 32 and 33	34001SR	34001SR	34001SR	Yes
Vials 34 and 35	1378026	1378026	1378026	Yes
Vials 36 and 37	1378285	1378285	1378285	Yes
Vials 38 and 39	1376394	1376394	1376394	Yes
Vials 40 and 41	1378645	1378645	1378645	Yes
Vials 43 and 44	1378254	1378254	1378254	Yes
Vials 45 and 46	1378466	1378466	1378466	Yes
Vials 47 and 48	1378153	1378153	1378153	Yes
Vials 49 and 50	1378746	1378746	1378746	Yes
Vials 51 and 52	1377434	1377434	1377434	Yes

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	35301MS	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 12:44:14 PM
Data file:	C:\Chem32\1\Data\29Jun21\10.D	Analyst:	Abbott

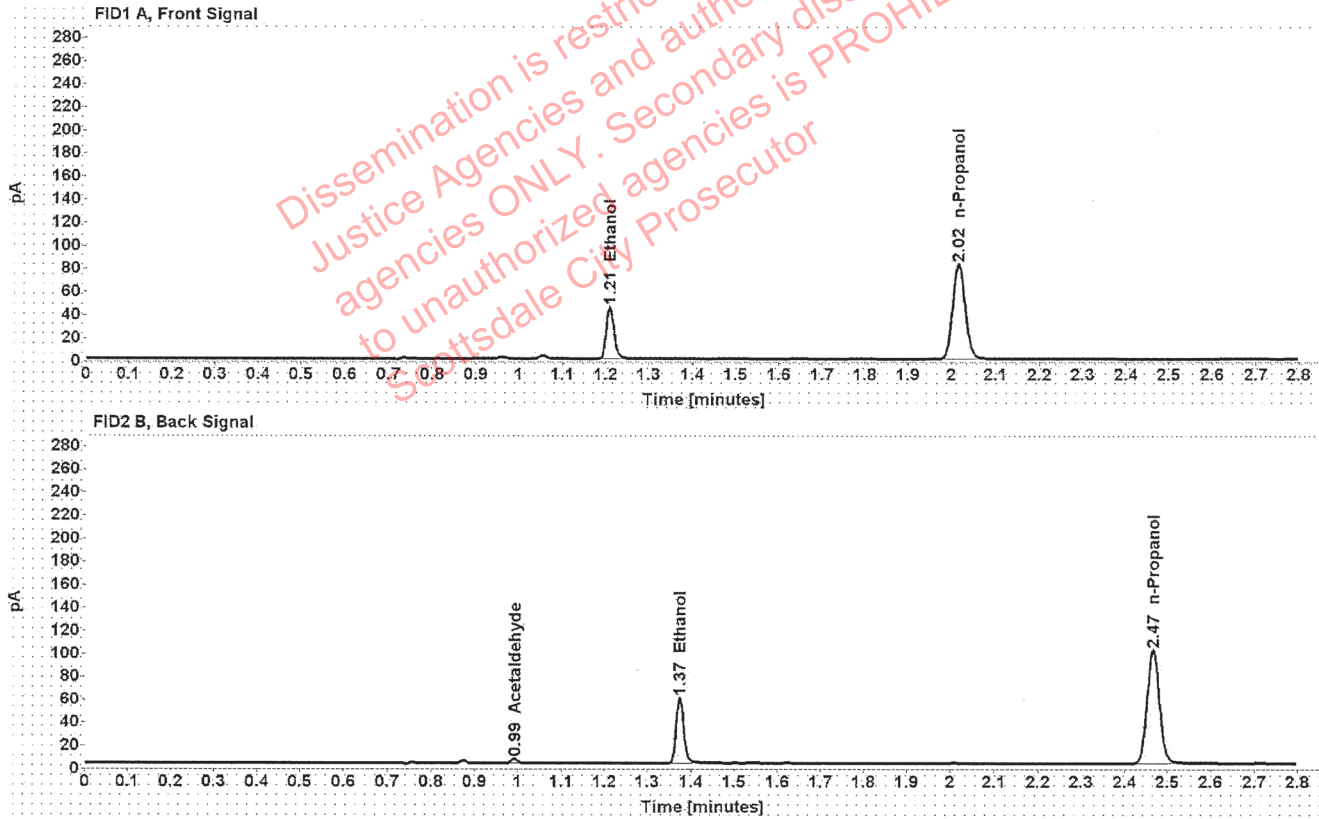


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0936	1.210	57.587
n-Propanol	-----	2.016	163.828

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.912
Ethanol	1.374	70.579
n-Propanol	2.466	199.961

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	35301MS	Vial:	11
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 12:48:14 PM
Data file:	C:\Chem32\1\Data\29Jun21\11.D	Analyst:	Abbott

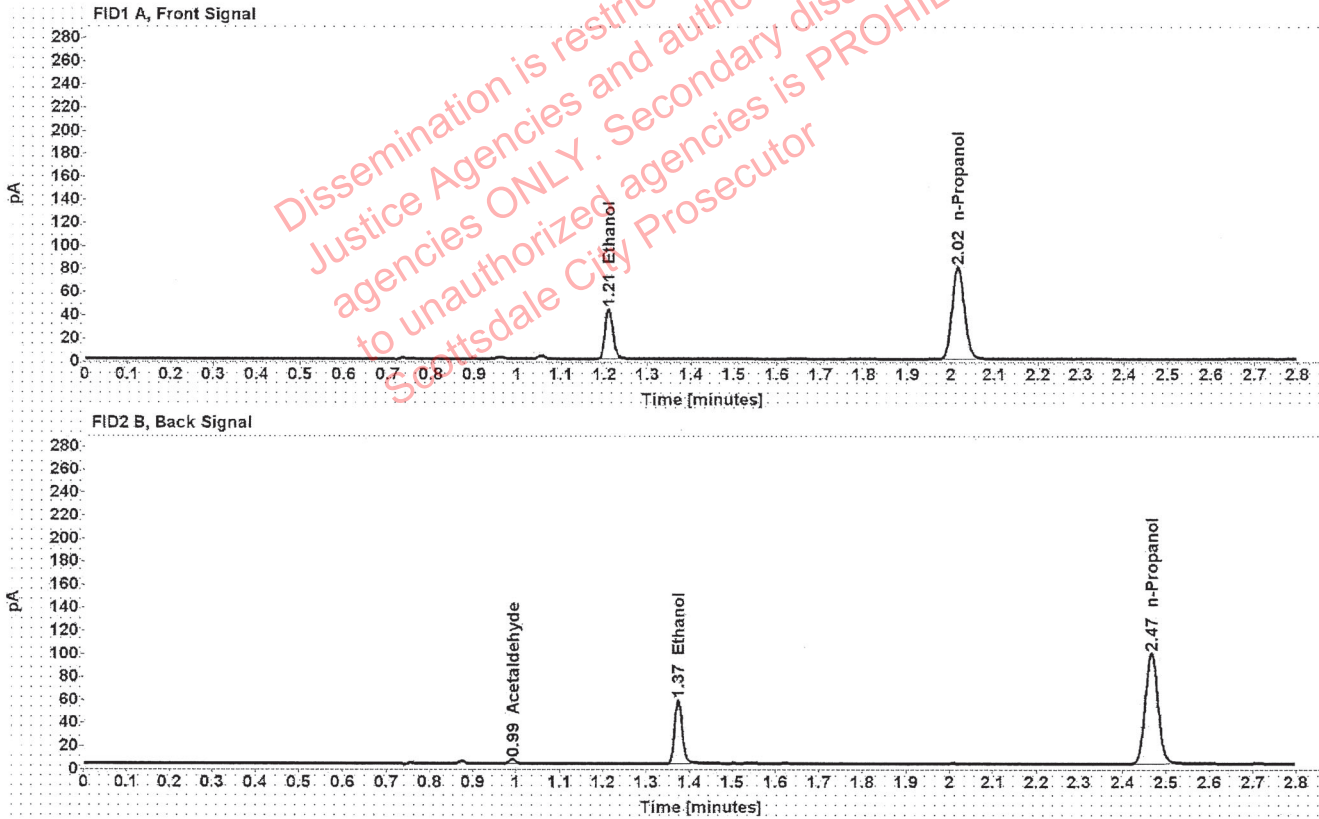


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0928	1.210	55.561
n-Propanol	-----	2.015	159.466

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.892
Ethanol	1.374	68.148
n-Propanol	2.466	194.912



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701JS	Vial:	12
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 12:52:13 PM
Data file:	C:\Chem32\1\Data\29Jun21\12.D	Analyst:	Abbott

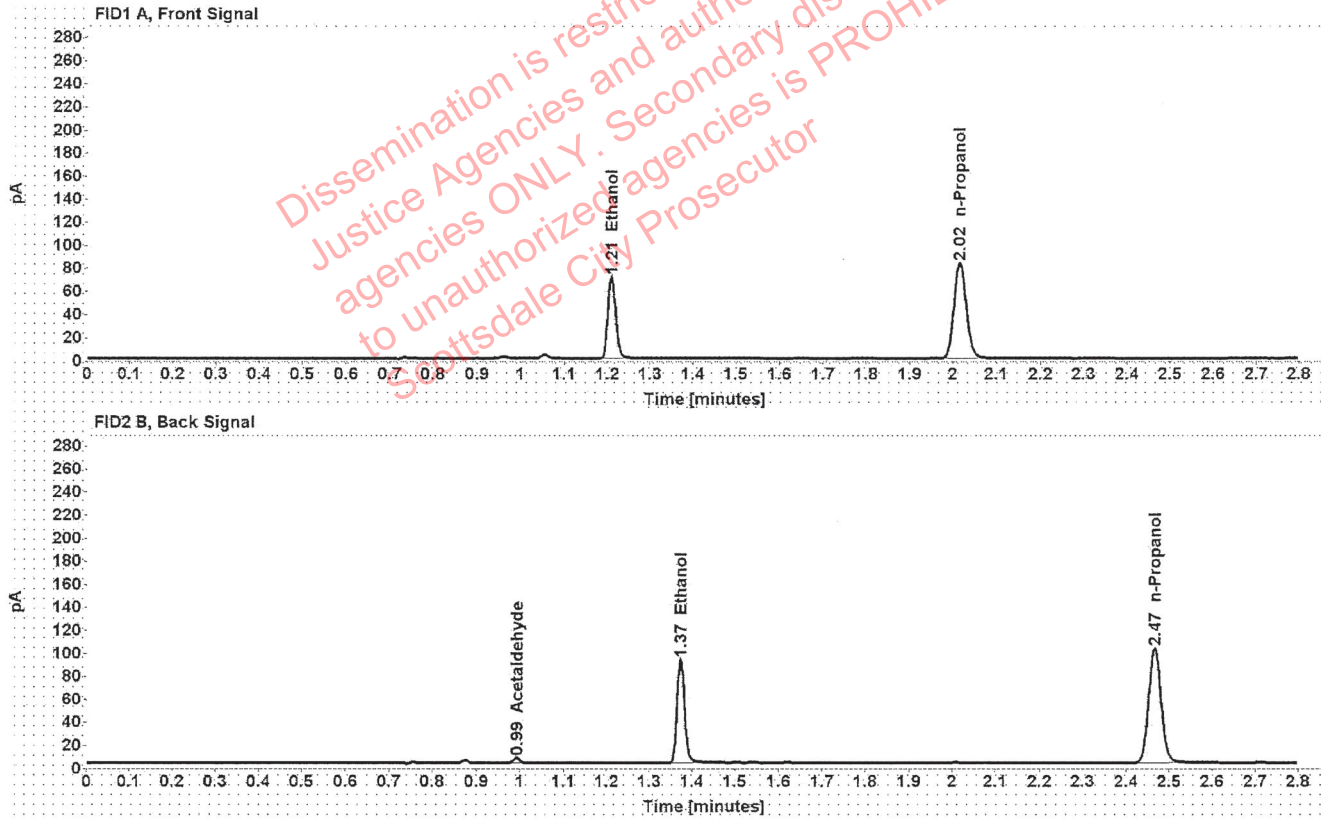


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1442	1.210	89.963
n-Propanol	-----	2.016	164.995

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.404
Ethanol	1.374	110.865
n-Propanol	2.466	201.820

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701JS	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 12:56:28 PM
Data file:	C:\Chem32\1\Data\29Jun21\13.D	Analyst:	Abbott

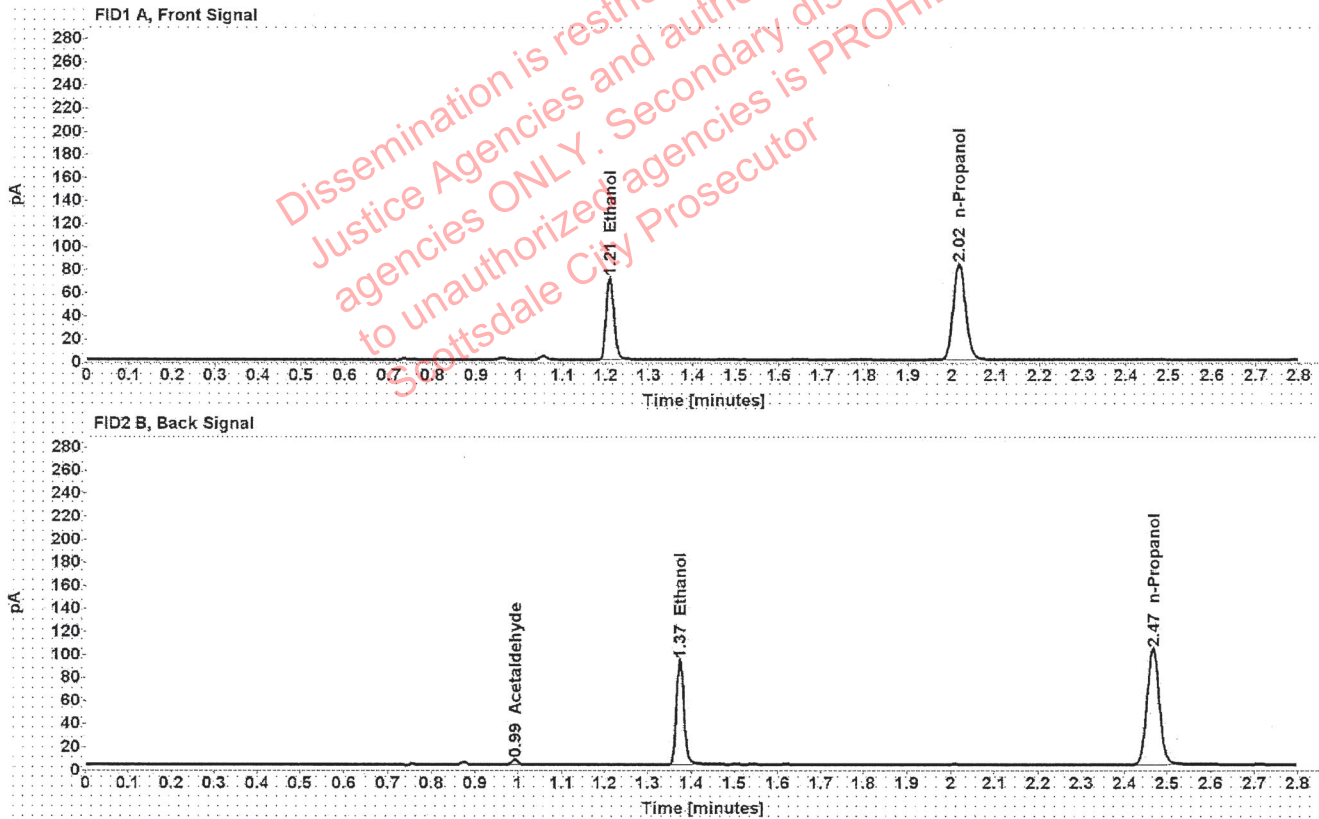


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1442	1.210	90.792
n-Propanol	-----	2.016	166.516

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.285
Ethanol	1.374	111.712
n-Propanol	2.466	203.650

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701AA	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 1:00:28 PM
Data file:	C:\Chem32\1\Data\29Jun21\14.D	Analyst:	Abbott

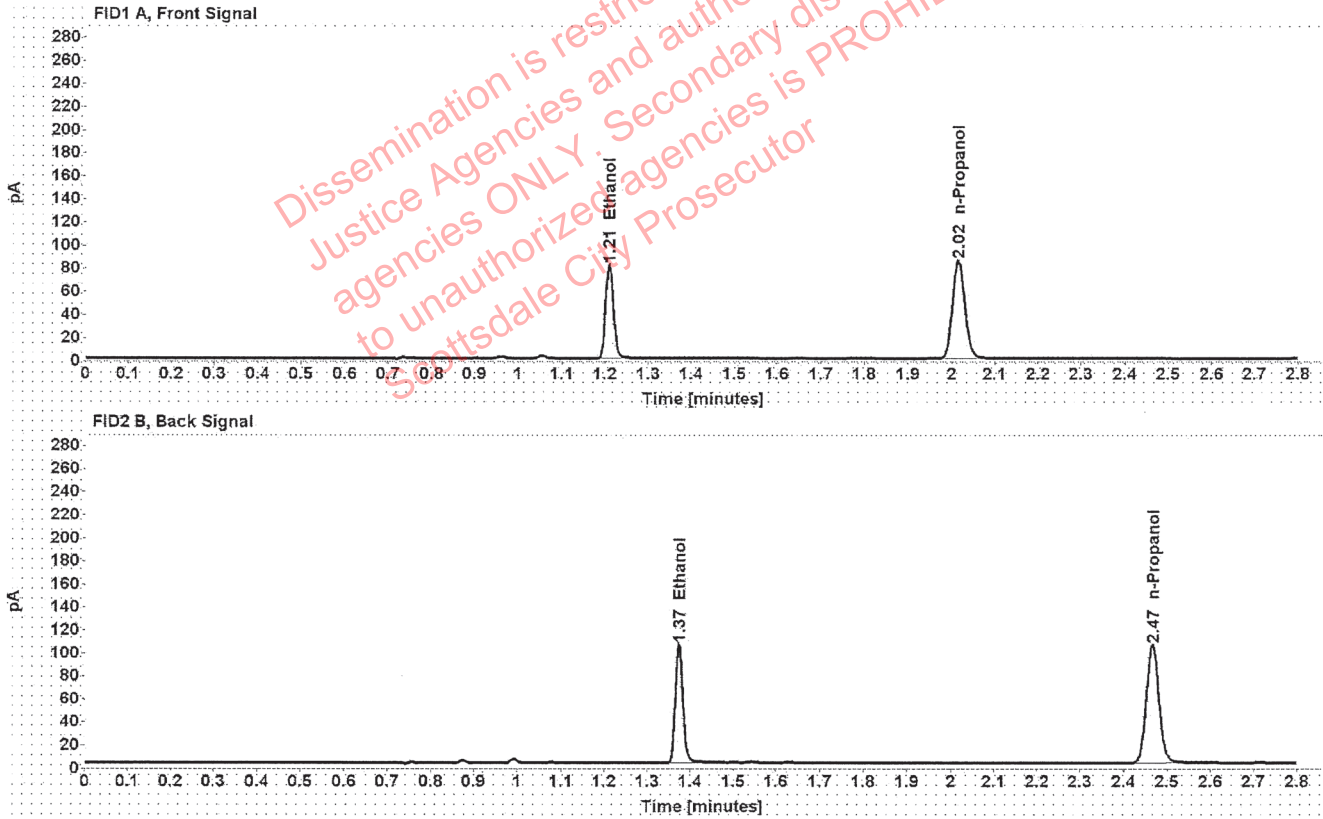


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1601	1.210	102.885
n-Propanol	-----	2.016	169.777

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

Compound	Time (min)	Peak Area
Ethanol	1.374	127.345
n-Propanol	2.466	207.772

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701AA	Vial:	15
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 1:04:29 PM
Data file:	C:\Chem32\1\Data\29Jun21\15.D	Analyst:	Abbott

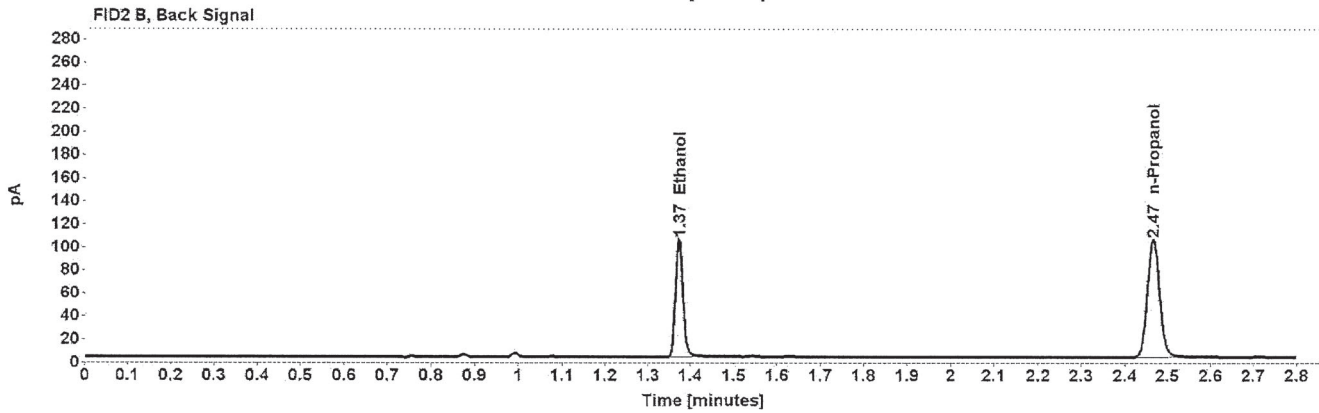
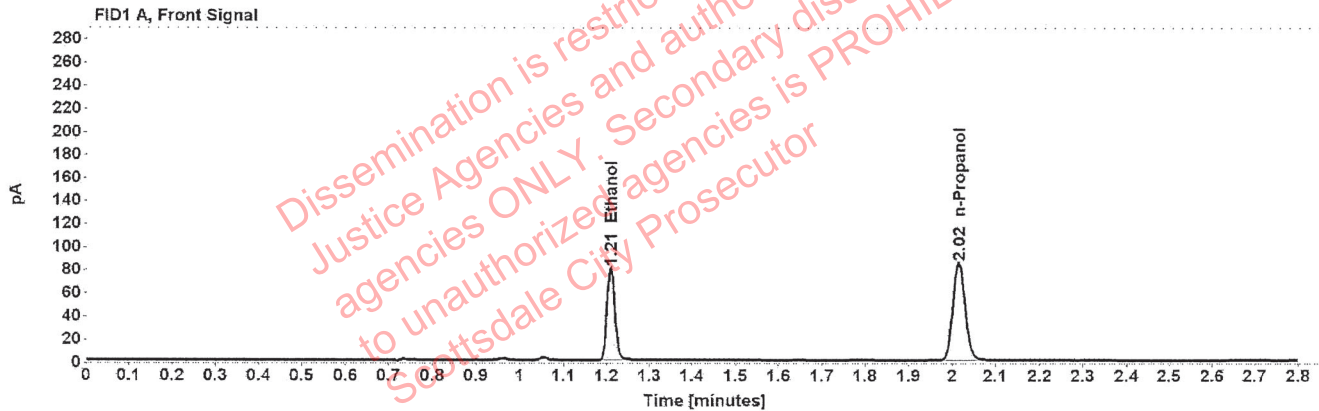


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1598	1.210	101.907
n-Propanol	-----	2.016	168.542

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

Compound	Time (min)	Peak Area
Ethanol	1.374	125.660
n-Propanol	2.466	206.328

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38801CR	Vial:	16
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 1:08:29 PM
Data file:	C:\Chem32\1\Data\29Jun21\16.D	Analyst:	Abbott

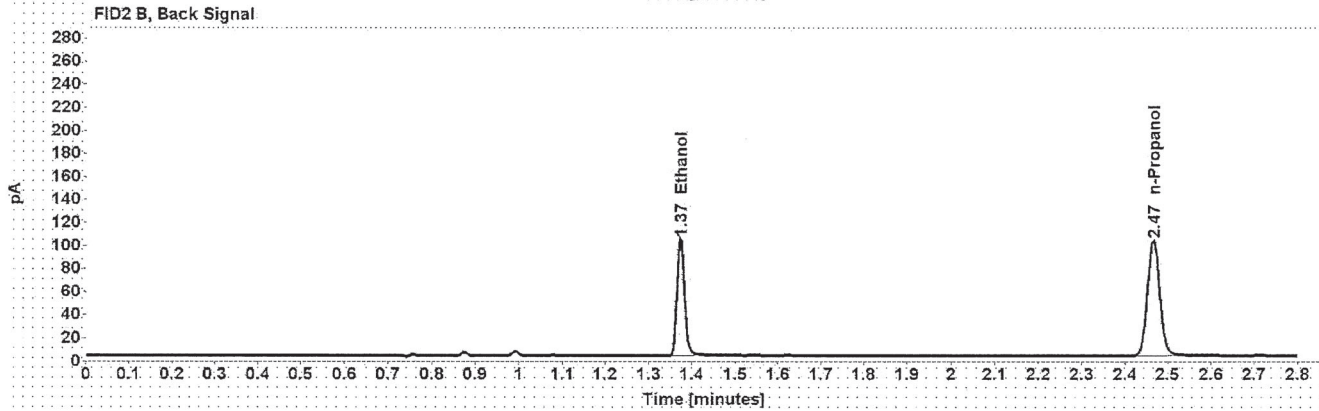
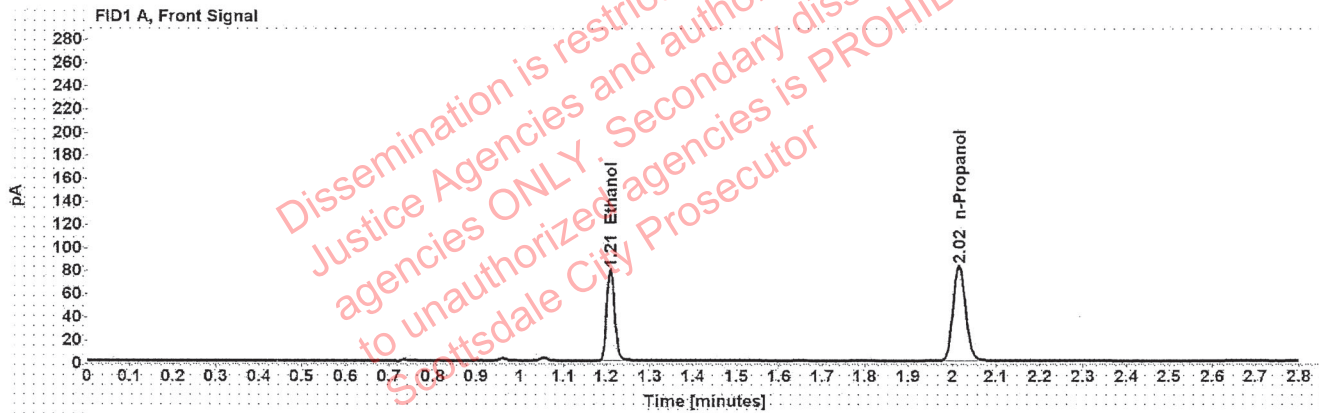


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1622	1.210	101.436
n-Propanol	-----	2.016	165.254

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

Compound	Time (min)	Peak Area
Ethanol	1.374	125.091
n-Propanol	2.466	202.257

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38801CR	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 1:12:29 PM
Data file:	C:\Chem32\1\Data\29Jun21\17.D	Analyst:	Abbott

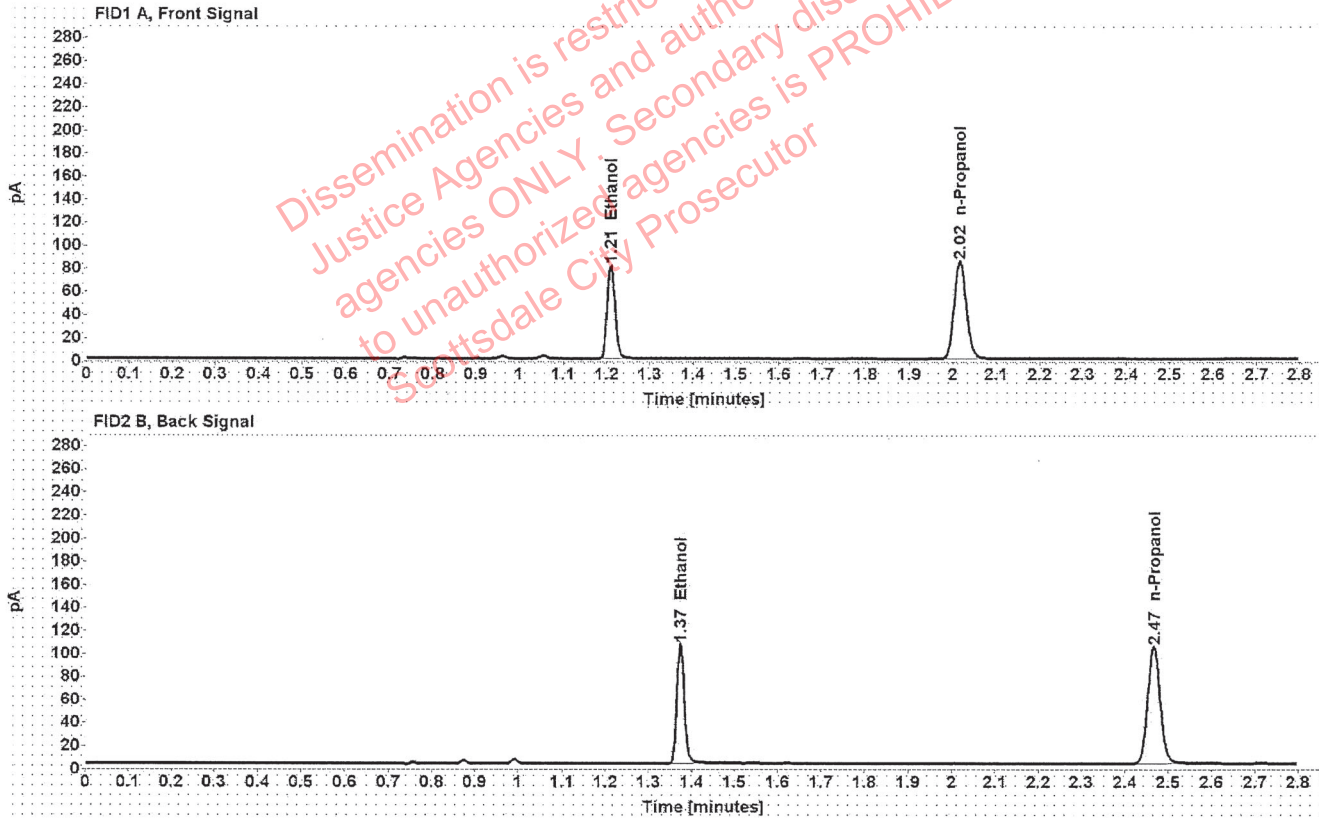


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1624	1.210	103.409
n-Propanol	-----	2.016	168.179

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

Compound	Time (min)	Peak Area
Ethanol	1.374	127.497
n-Propanol	2.466	205.939

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701CM	Vial:	18
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 1:16:29 PM
Data file:	C:\Chem32\1\Data\29Jun21\18.D	Analyst:	Abbott

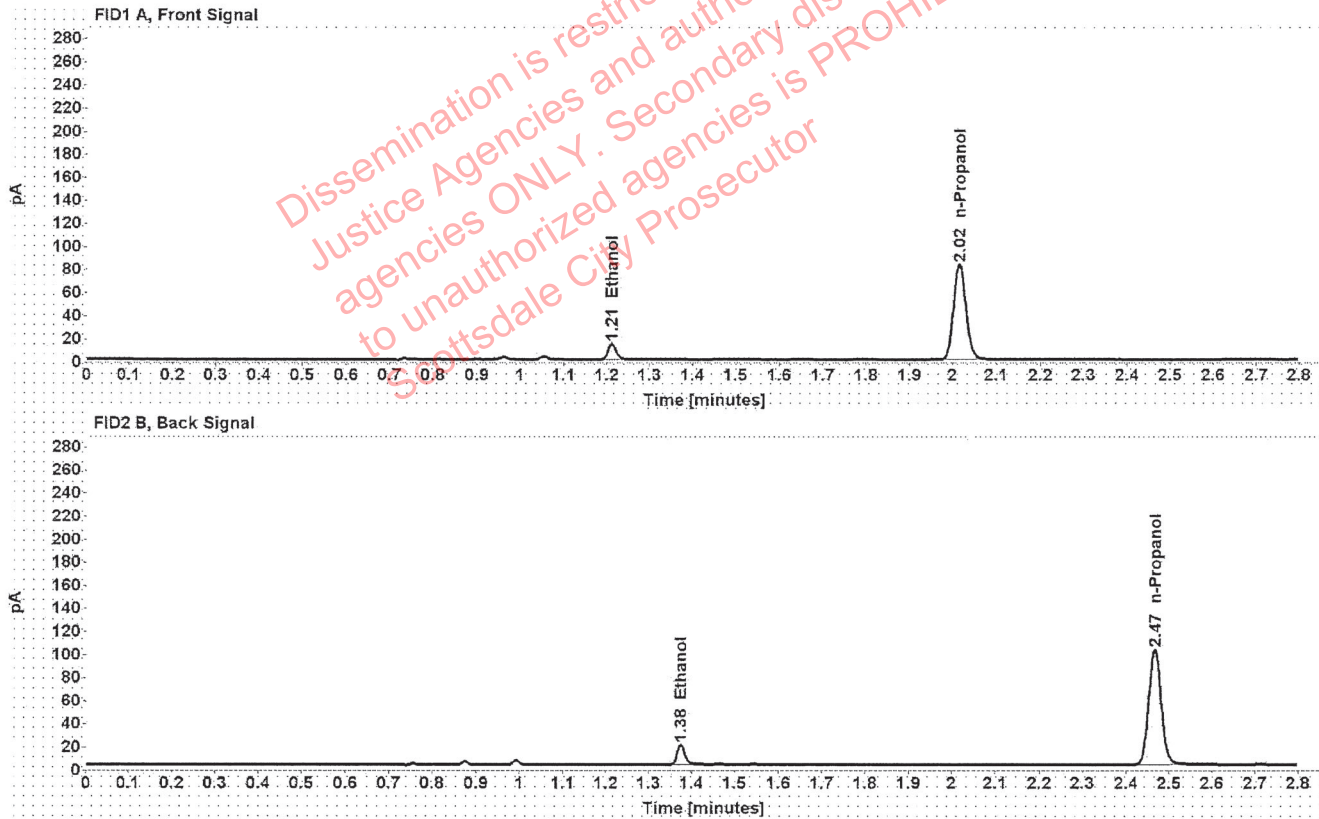


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0296	1.212	17.632
n-Propanol	-----	2.016	165.480

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

Compound	Time (min)	Peak Area
Ethanol	1.375	21.805
n-Propanol	2.466	202.847

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701CM	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 1:20:44 PM
Data file:	C:\Chem32\1\Data\29Jun21\19.D	Analyst:	Abbott

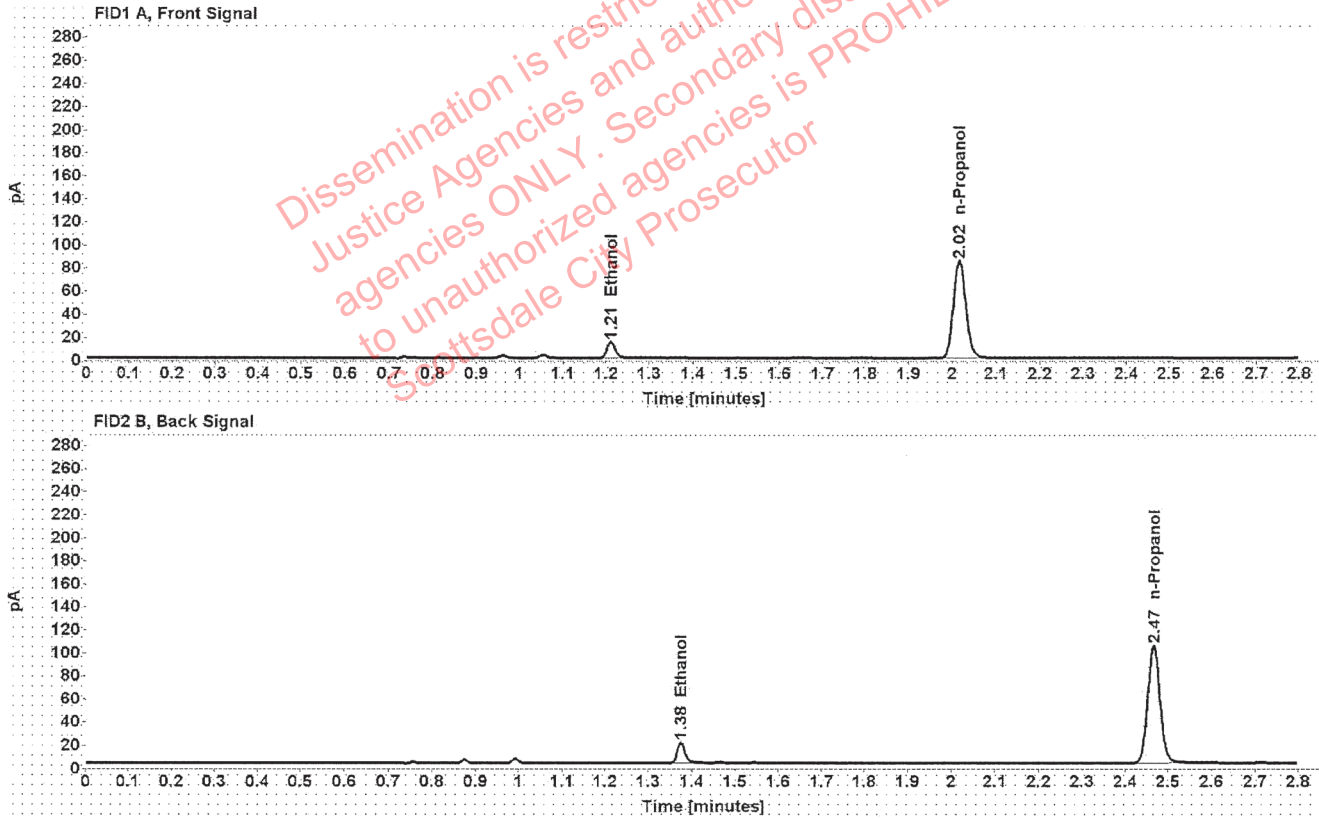


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0298	1.212	18.076
n-Propanol	-----	2.016	168.271

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

Compound	Time (min)	Peak Area
Ethanol	1.375	22.369
n-Propanol	2.466	206.114



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801ES	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 1:28:44 PM
Data file:	C:\Chem32\1\Data\29Jun21\21.D	Analyst:	Abbott

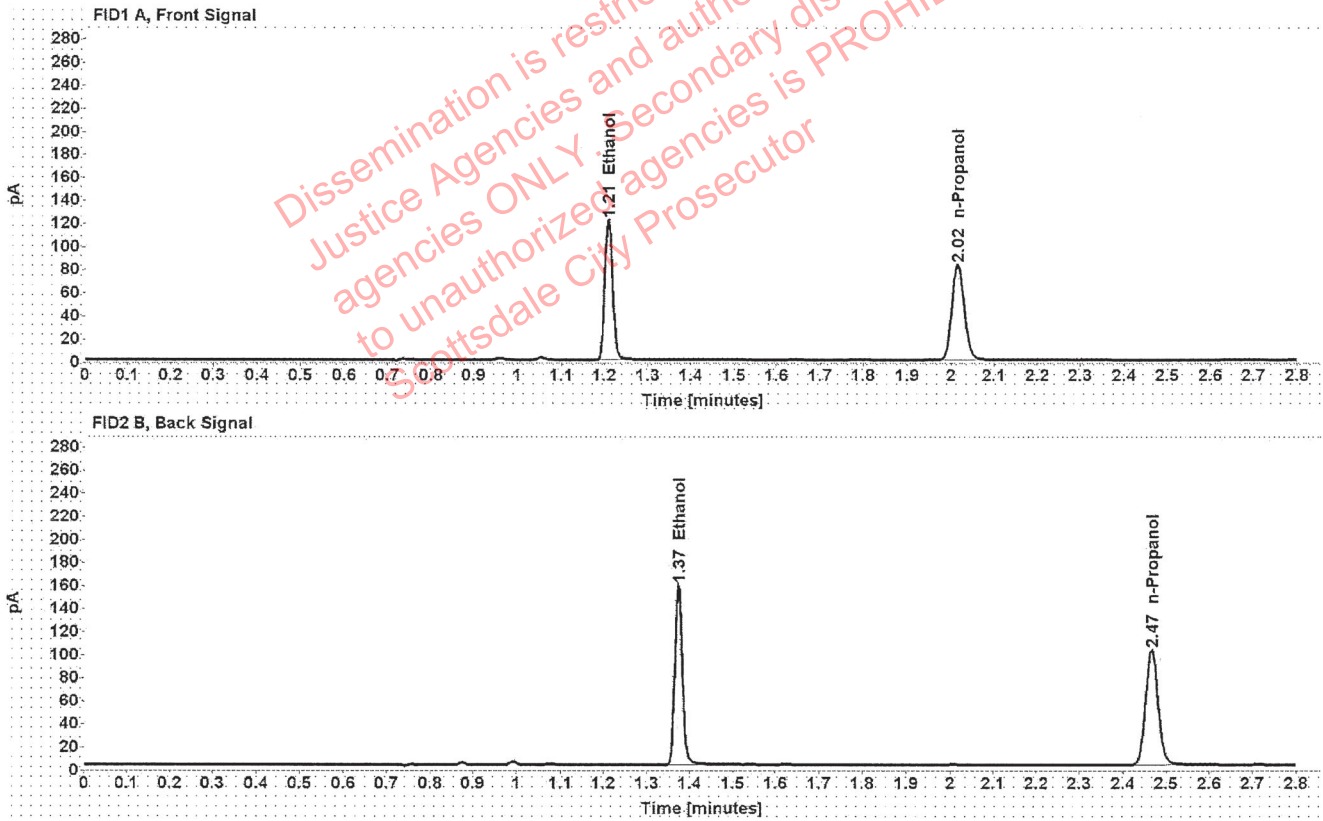


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2465	1.209	154.726
n-Propanol	-----	2.016	165.240

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

Compound	Time (min)	Peak Area
Ethanol	1.373	193.005
n-Propanol	2.466	202.670

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801ES	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 1:32:44 PM
Data file:	C:\Chem32\1\Data\29Jun21\22.D	Analyst:	Abbott

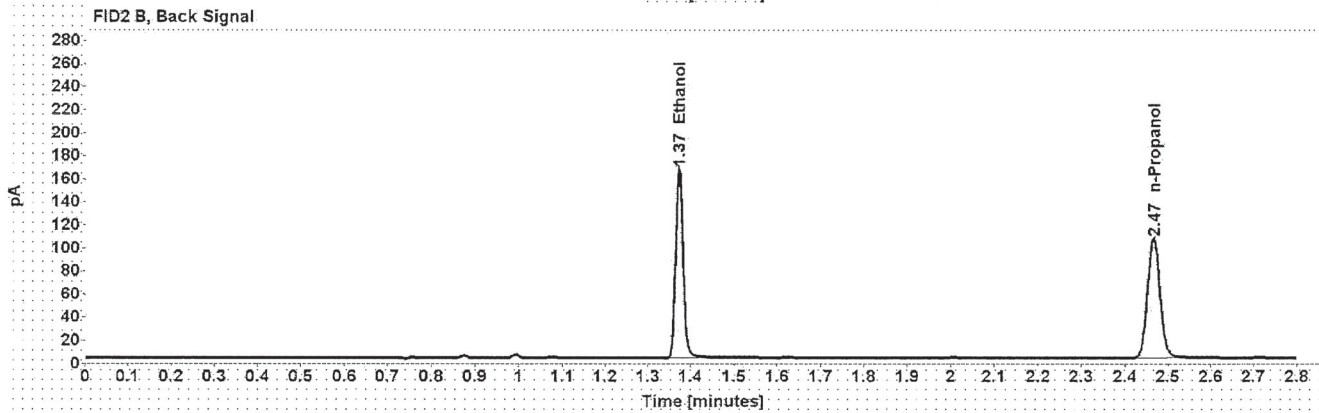
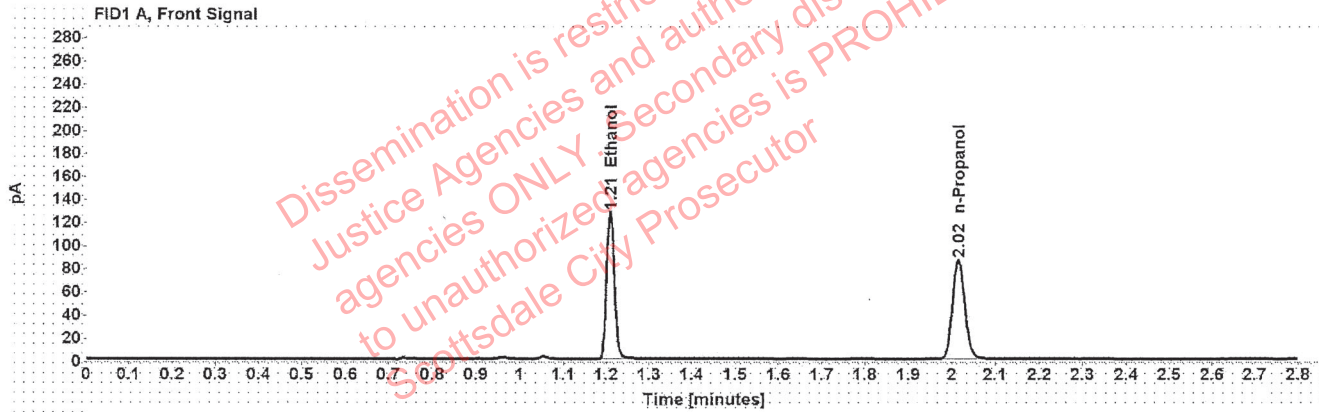


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2492	1.209	162.231
n-Propanol	-----	2.016	171.302

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

Compound	Time (min)	Peak Area
Ethanol	1.373	201.312
n-Propanol	2.466	210.236

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801JT	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 1:36:44 PM
Data file:	C:\Chem32\1\Data\29Jun21\23.D	Analyst:	Abbott

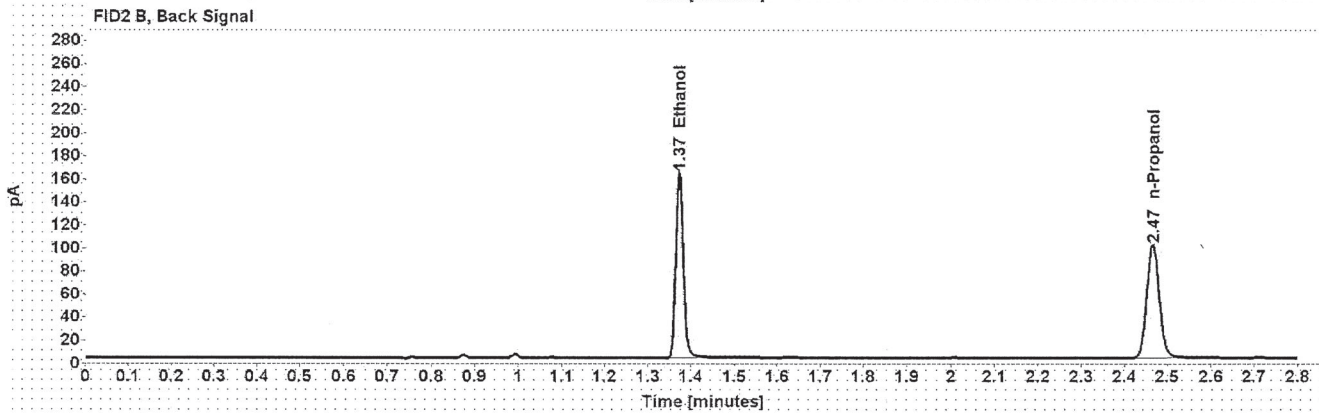
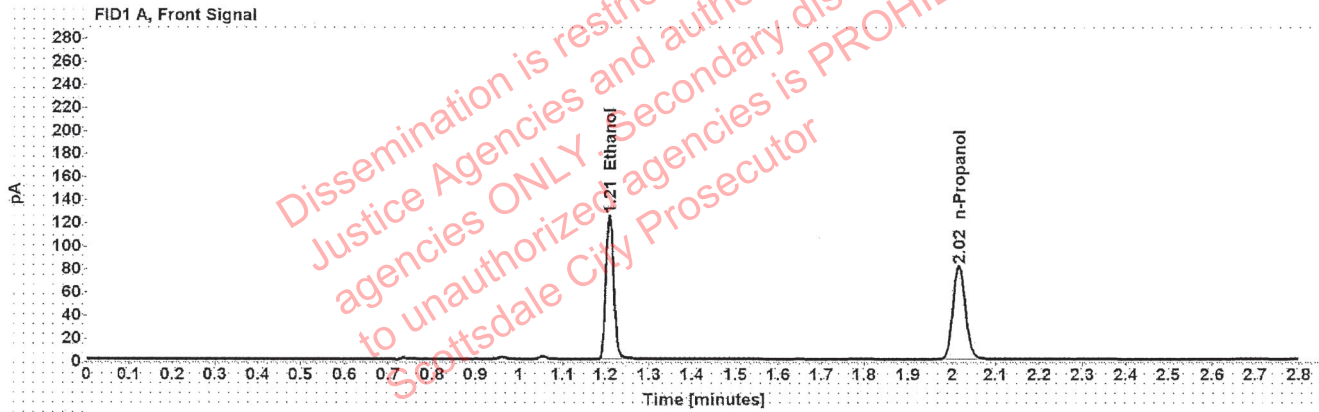


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2579	1.209	159.191
n-Propanol	-----	2.016	162.408

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

Compound	Time (min)	Peak Area
Ethanol	1.373	197.641
n-Propanol	2.466	199.097

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801JT	Vial:	24
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 1:40:44 PM
Data file:	C:\Chem32\1\Data\29Jun21\24.D	Analyst:	Abbott

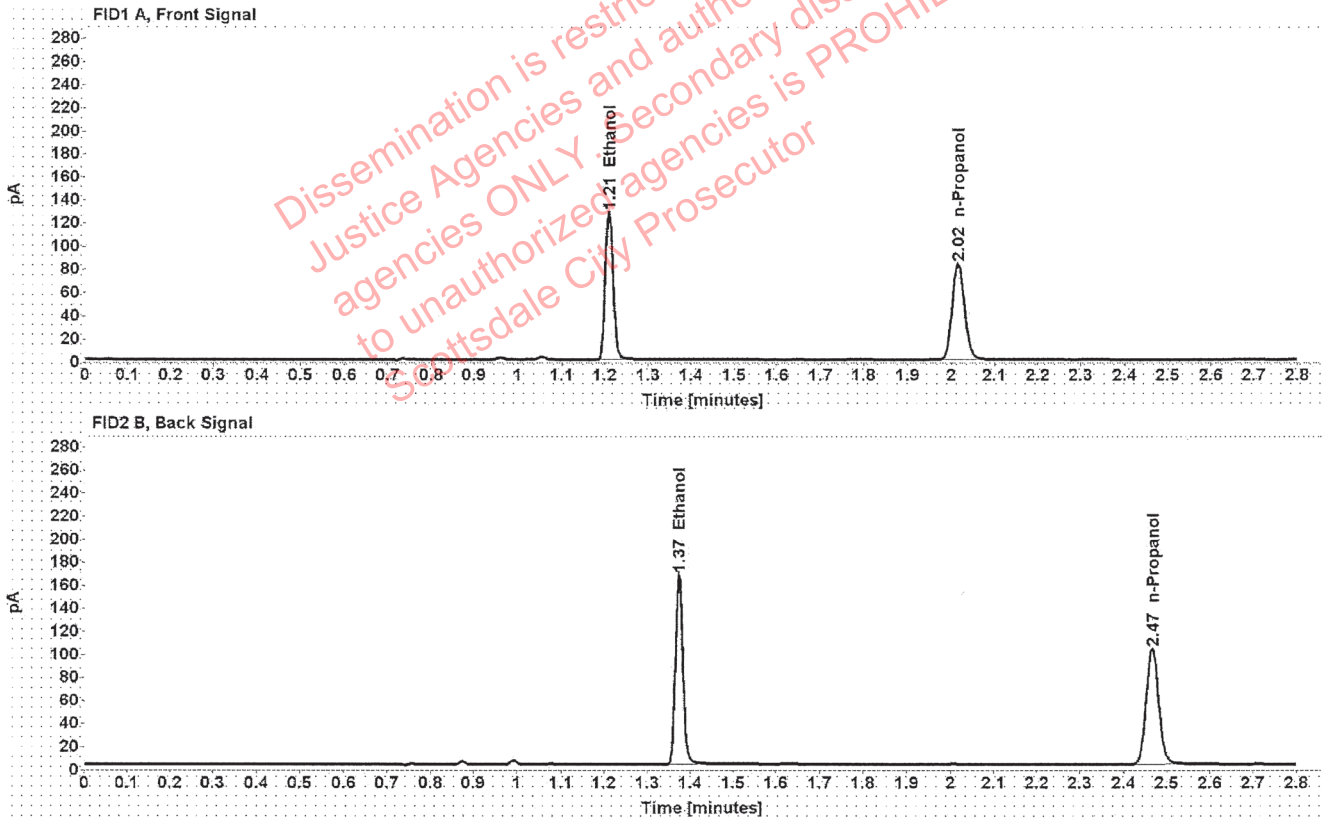


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2585	1.209	162.798
n-Propanol	-----	2.016	165.733

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

Compound	Time (min)	Peak Area
Ethanol	1.373	201.988
n-Propanol	2.466	203.297

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801SM	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 1:44:59 PM
Data file:	C:\Chem32\1\Data\29Jun21\25.D	Analyst:	Abbott

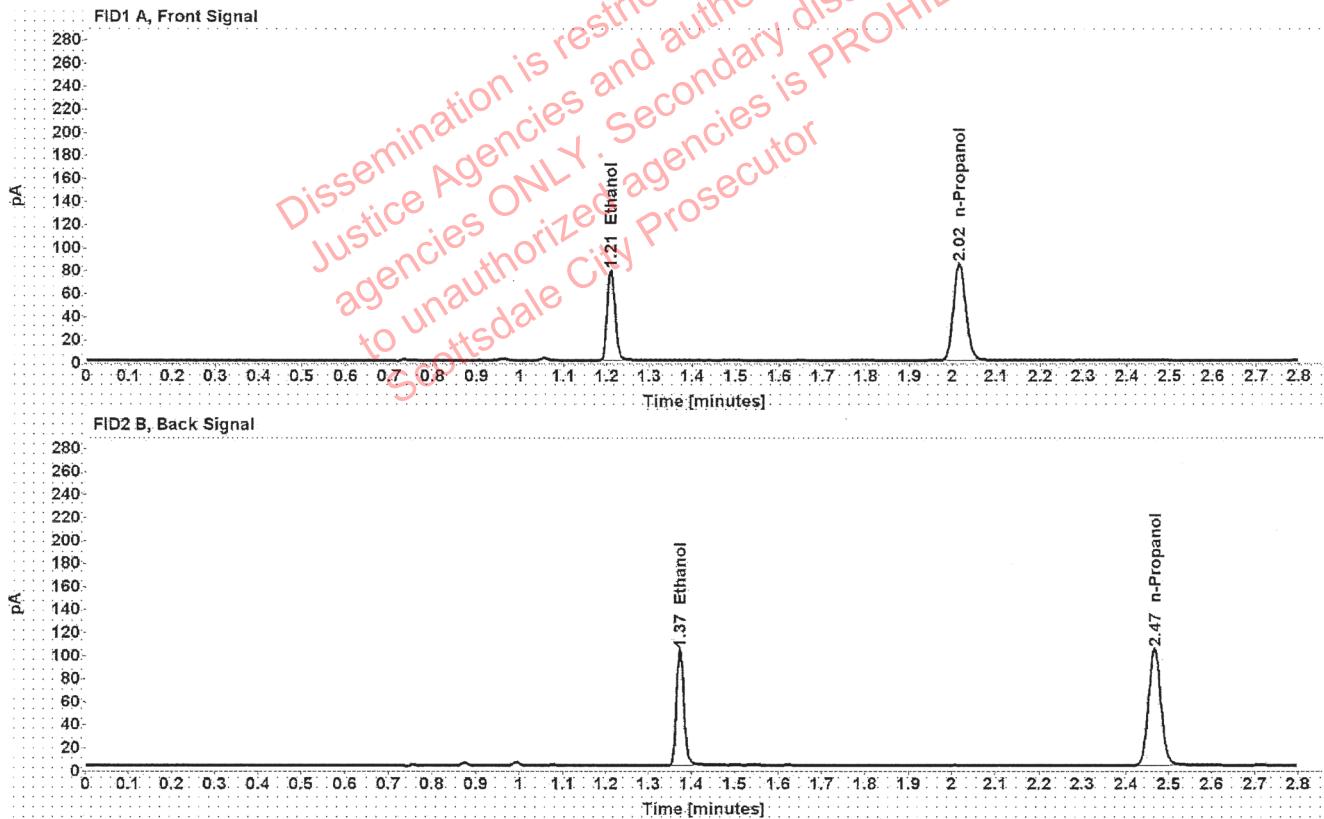


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1585	1.210	100.669
n-Propanol	-----	2.016	167.838

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

Compound	Time (min)	Peak Area
Ethanol	1.374	124.429
n-Propanol	2.466	206.110

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801SM	Vial:	26
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 1:48:59 PM
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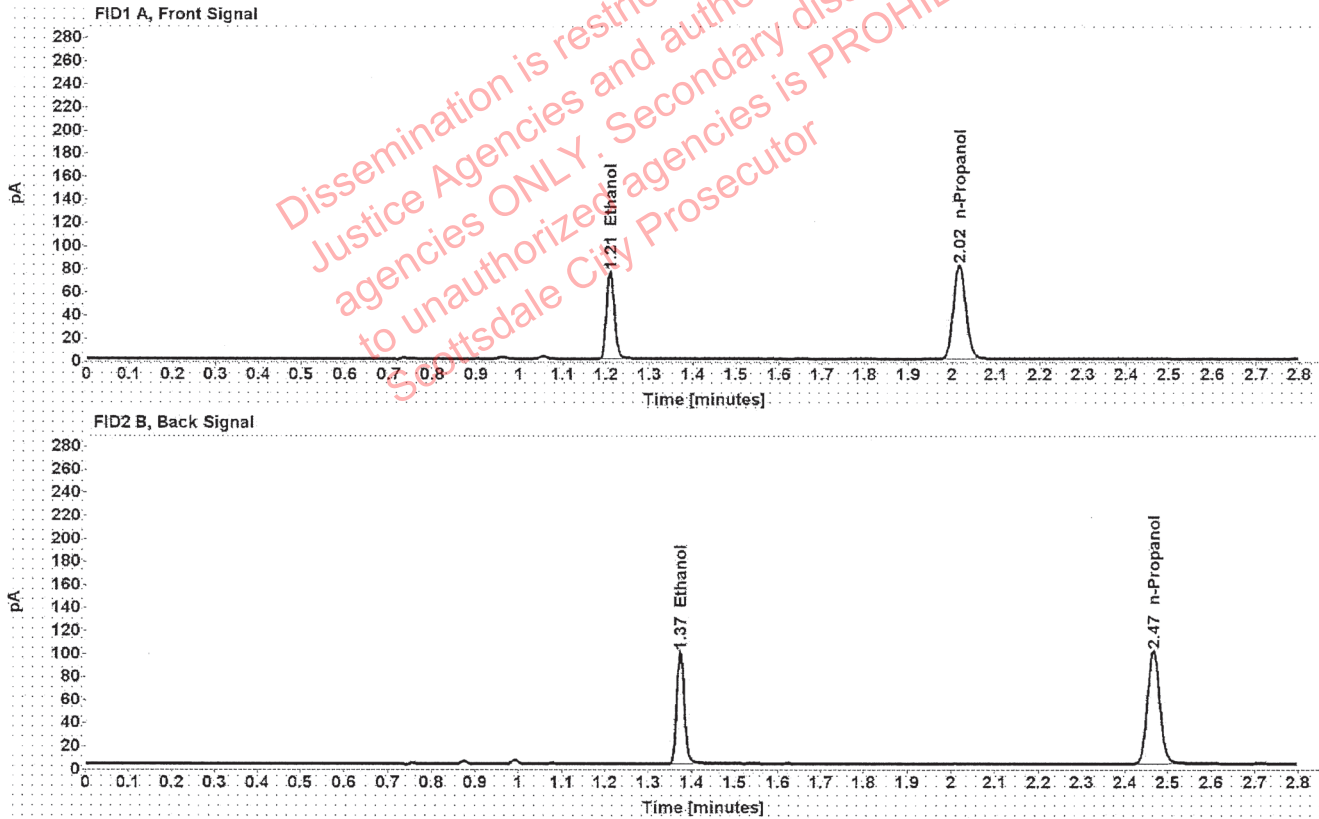


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1572	1.210	96.949
n-Propanol	-----	2.016	163.025

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

Compound	Time (min)	Peak Area
Ethanol	1.374	119.929
n-Propanol	2.466	200.270

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33601LH	Vial:	27
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 1:52:59 PM
Data file:	C:\Chem32\1\Data\29Jun21\27.D	Analyst:	Abbott

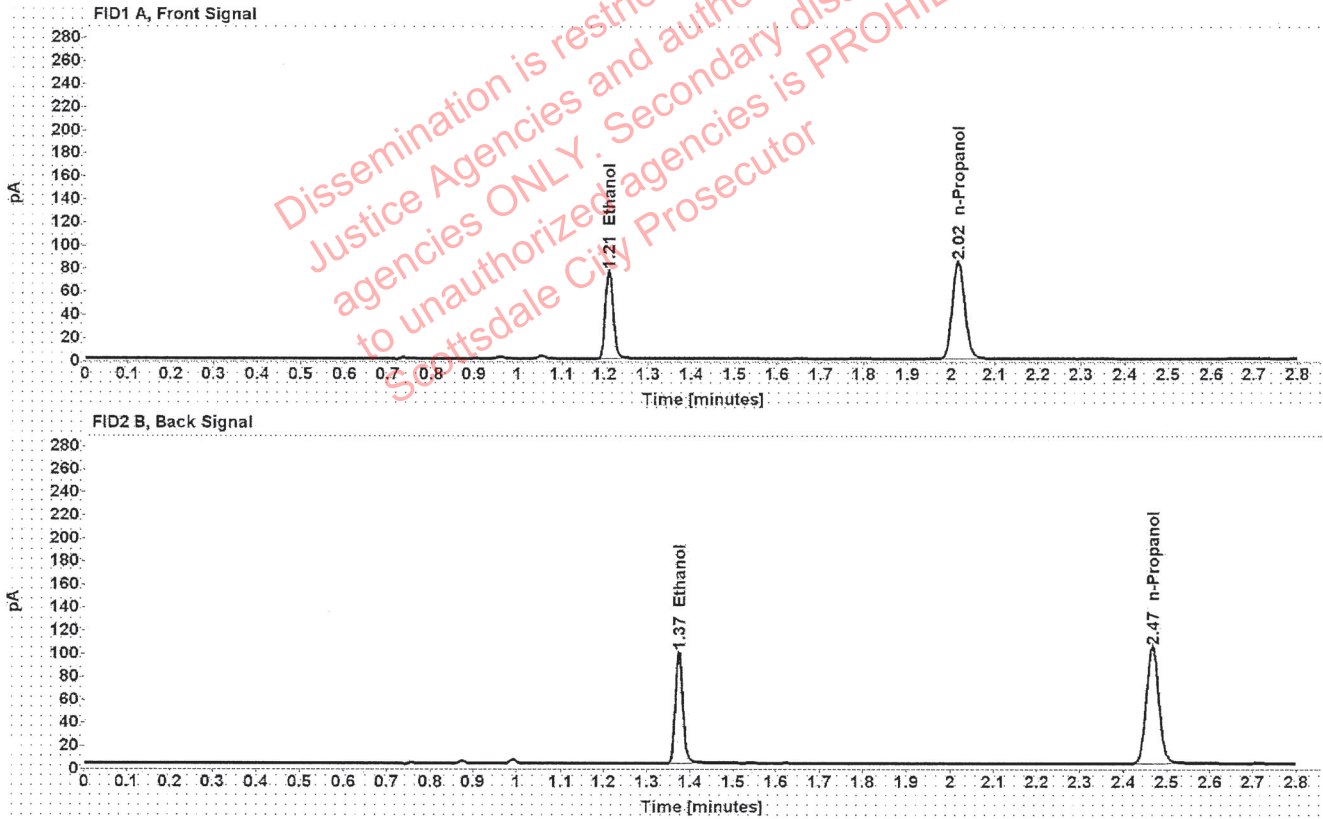


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1525	1.210	96.898
n-Propanol	-----	2.016	167.983

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

Compound	Time (min)	Peak Area
Ethanol	1.374	119.962
n-Propanol	2.466	206.204

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33601LH	Vial:	28
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 1:56:59 PM
Data file:	C:\Chem32\1\Data\29Jun21\28.D	Analyst:	Abbott

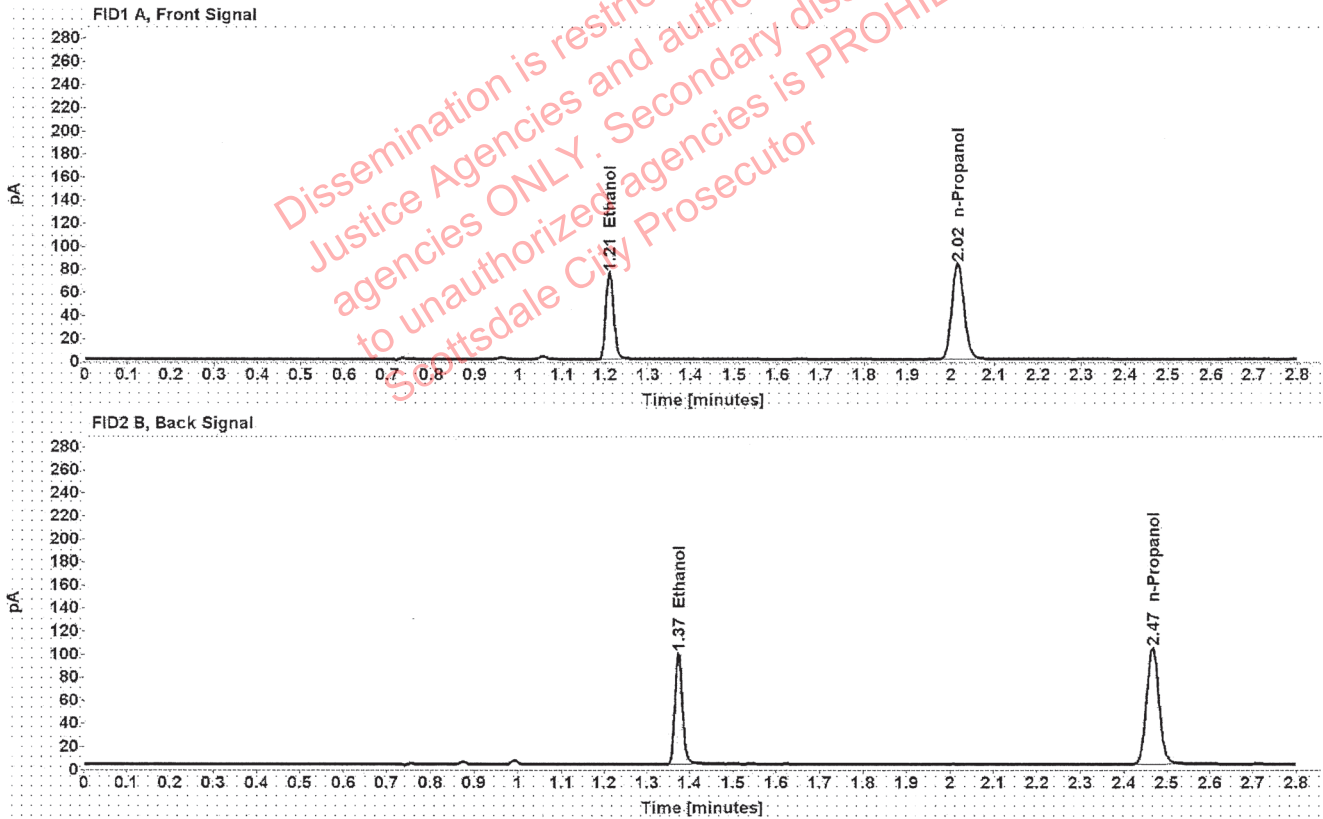


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1526	1.210	96.229
n-Propanol	-----	2.016	166.694

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

Compound	Time (min)	Peak Area
Ethanol	1.374	118.800
n-Propanol	2.466	204.673



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701TZ	Vial:	29
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 2:00:59 PM
Data file:	C:\Chem321\1\Data\29Jun21\29.D	Analyst:	Abbott

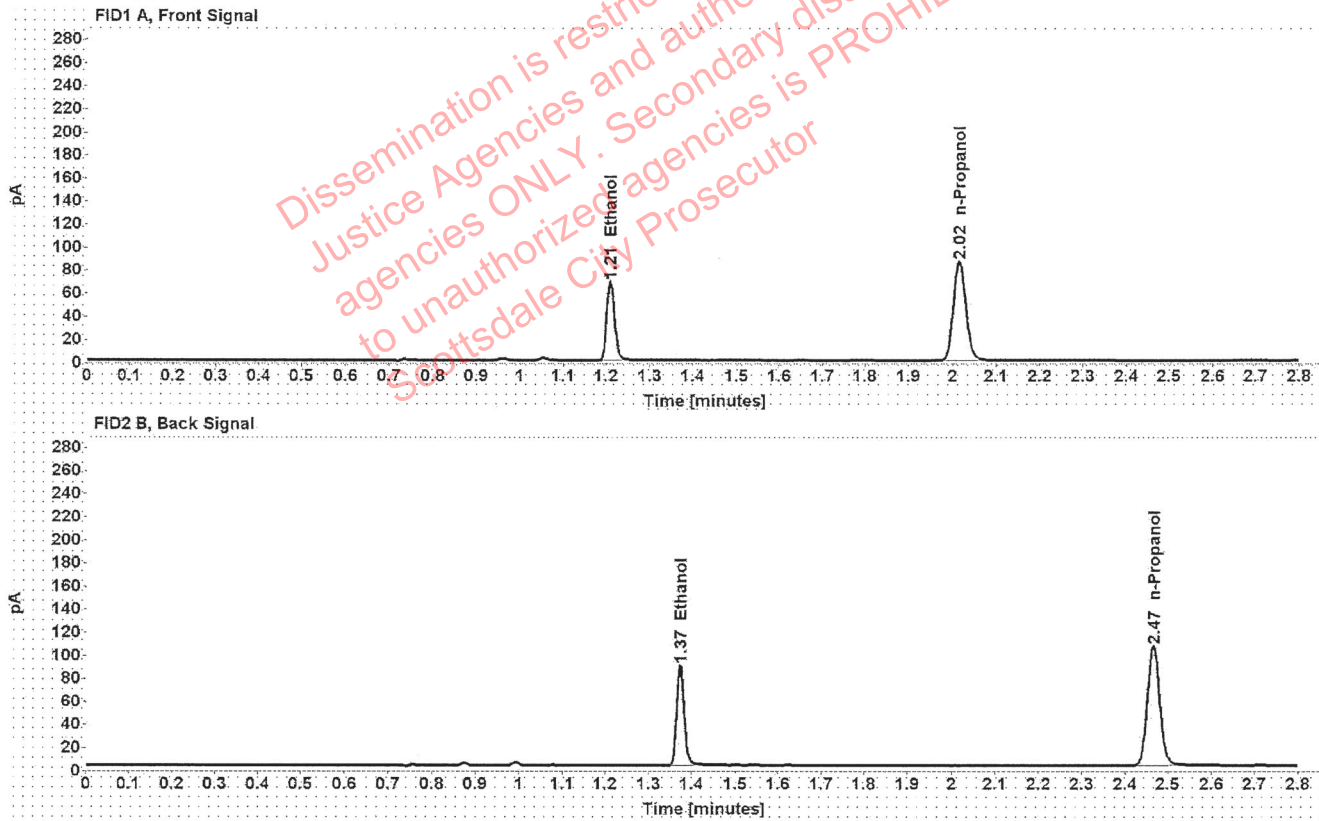


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1341	1.210	86.782
n-Propanol	-----	2.016	171.344

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

Compound	Time (min)	Peak Area
Ethanol	1.374	107.421
n-Propanol	2.466	210.592

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701TZ	Vial:	30
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 2:04:58 PM
Data file:	C:\Chem32\1\Data\29Jun21\30.D	Analyst:	Abbott

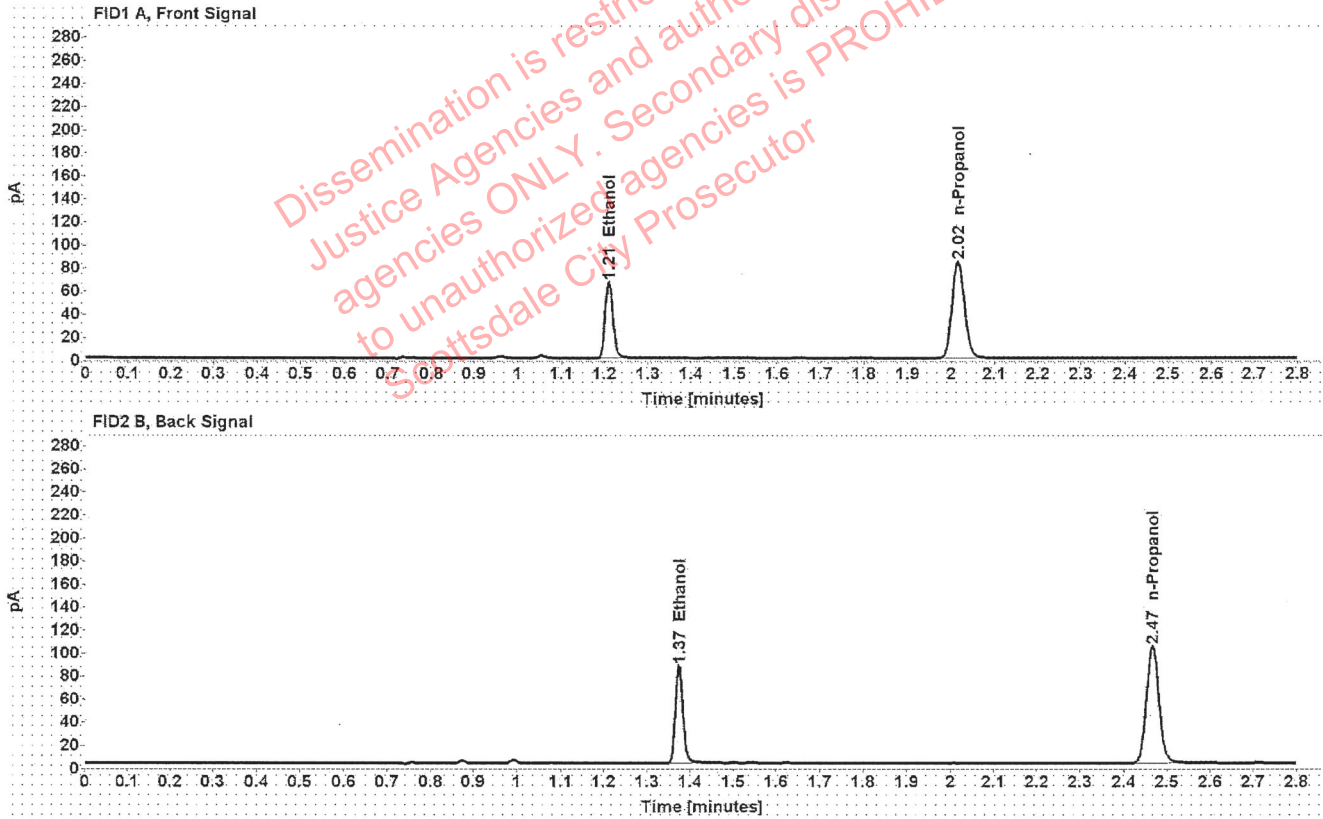


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1333	1.210	84.415
n-Propanol	-----	2.016	167.724

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

Compound	Time (min)	Peak Area
Ethanol	1.374	104.362
n-Propanol	2.466	206.160

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001SR	Vial:	32
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 2:13:14 PM
Data file:	C:\Chem32\1\Data\29Jun21\32.D	Analyst:	Abbott

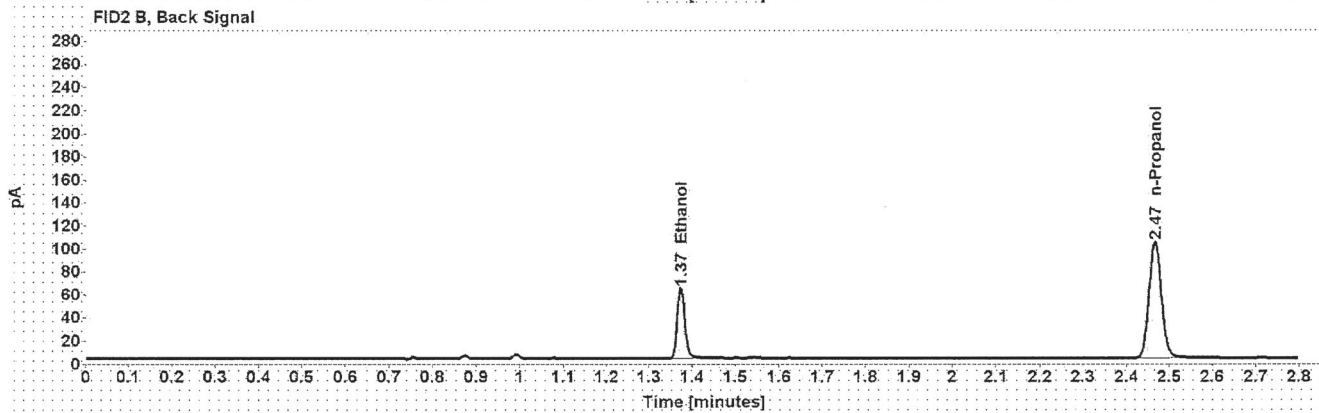
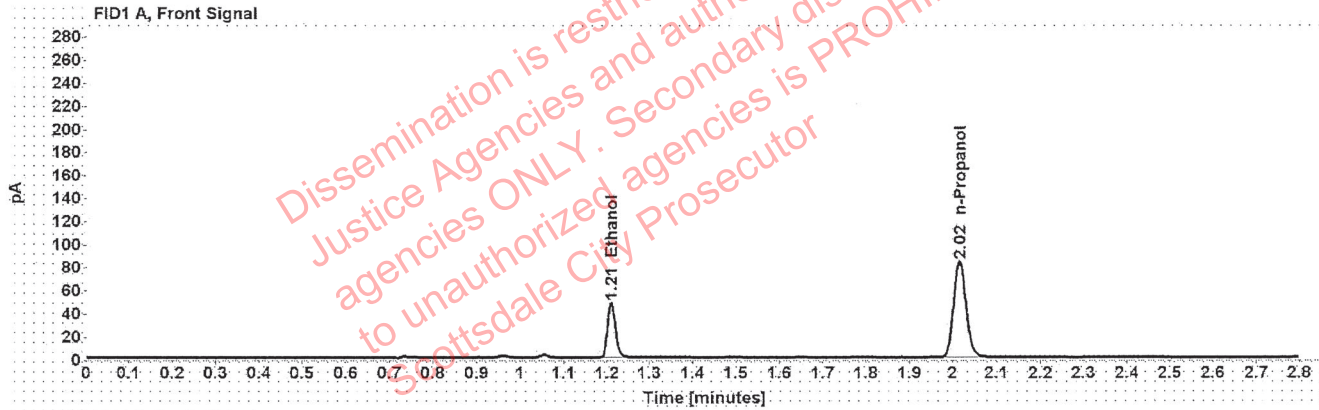


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0979	1.210	61.367
n-Propanol	-----	2.016	166.736

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

Compound	Time (min)	Peak Area
Ethanol	1.374	75.543
n-Propanol	2.466	204.777

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001SR	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 2:17:14 PM
Data file:	C:\Chem32\1\Data\29Jun21\33.D	Analyst:	Abbott

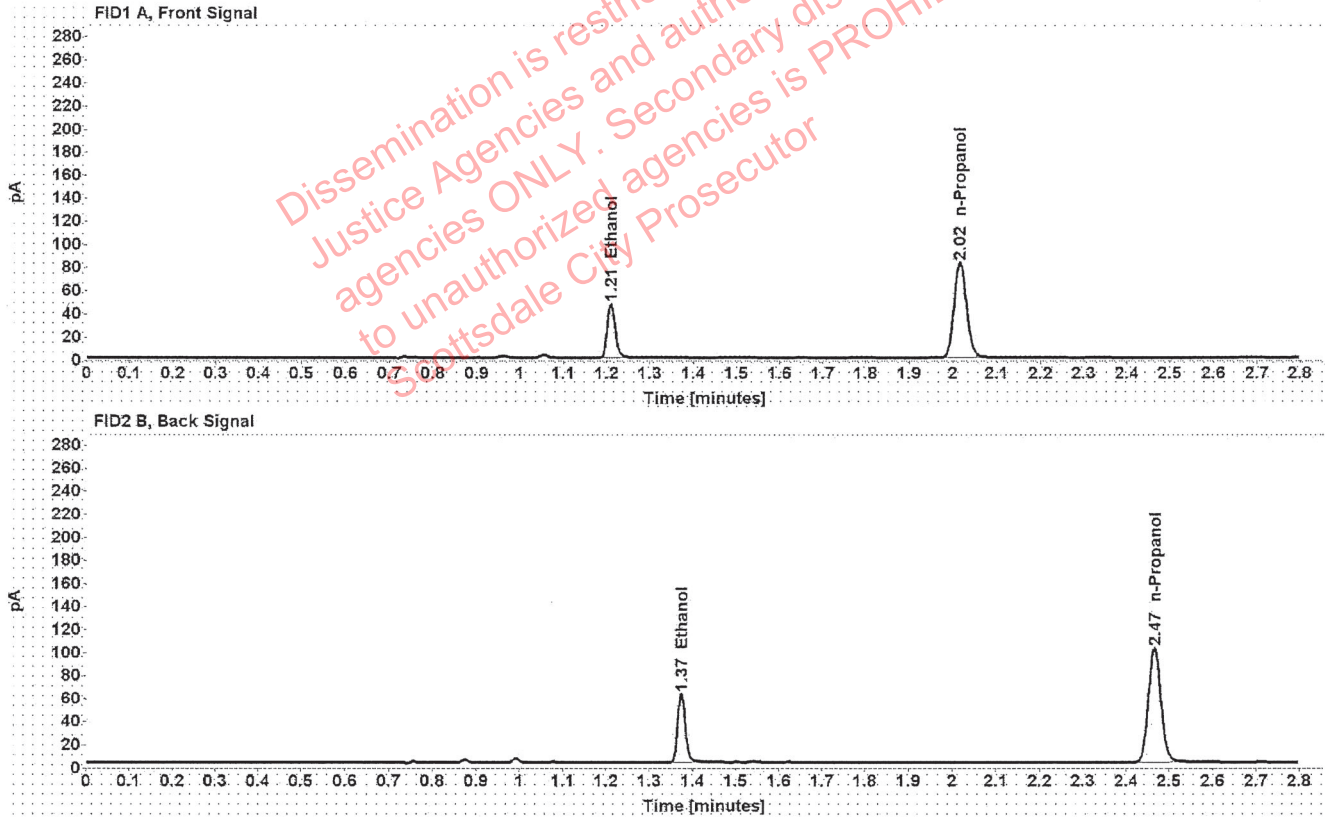


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0972	1.210	60.010
n-Propanol	-----	2.016	164.346

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

Compound	Time (min)	Peak Area
Ethanol	1.374	74.041
n-Propanol	2.466	202.040

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378026	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 2:21:13 PM
Data file:	C:\Chem32\1\Data\29Jun21\34.D	Analyst:	Abbott

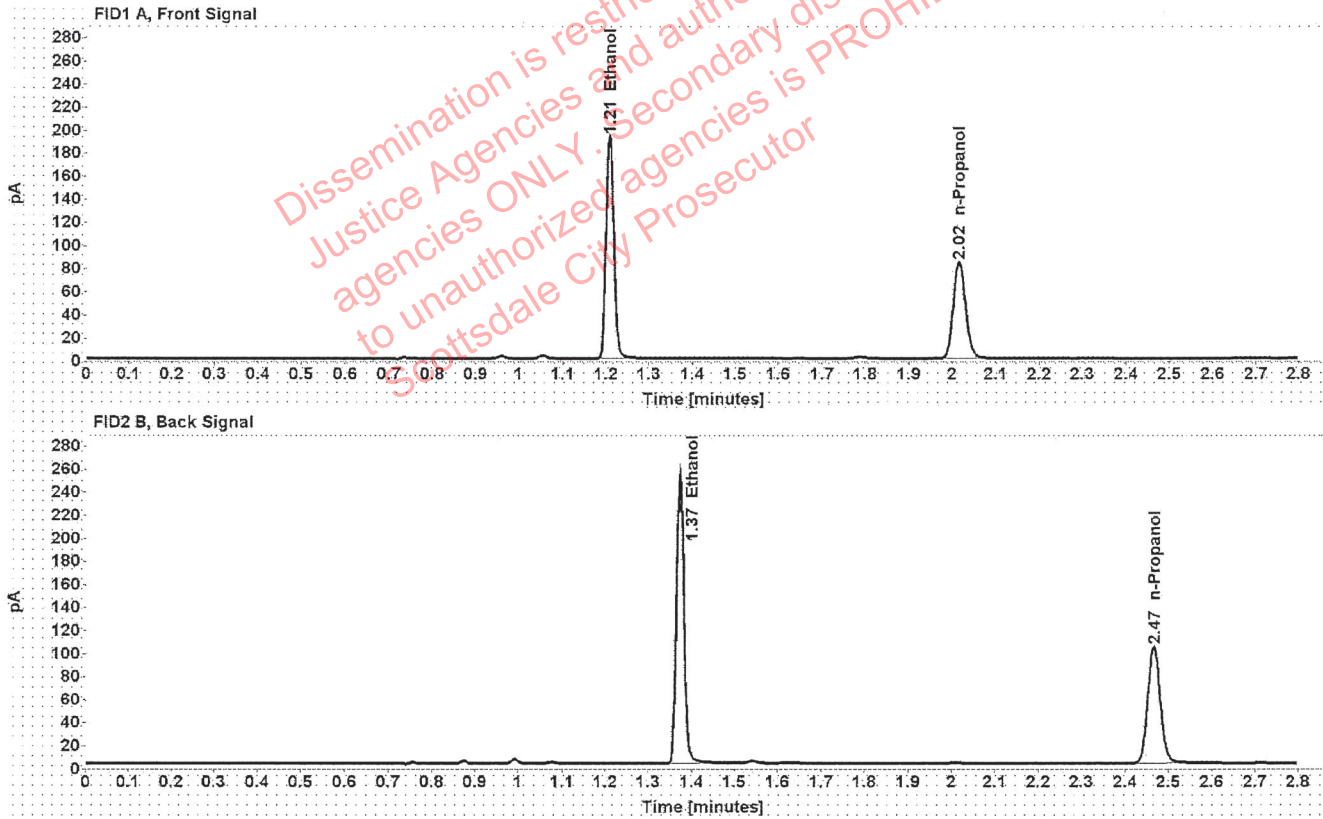


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3865	1.209	245.978
n-Propanol	-----	2.016	167.061

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

Compound	Time (min)	Peak Area
Ethanol	1.373	305.969
n-Propanol	2.466	205.132

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378026	Vial:	35
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 2:25:14 PM
Data file:	C:\Chem32\1\Data\29Jun21\35.D	Analyst:	Abbott

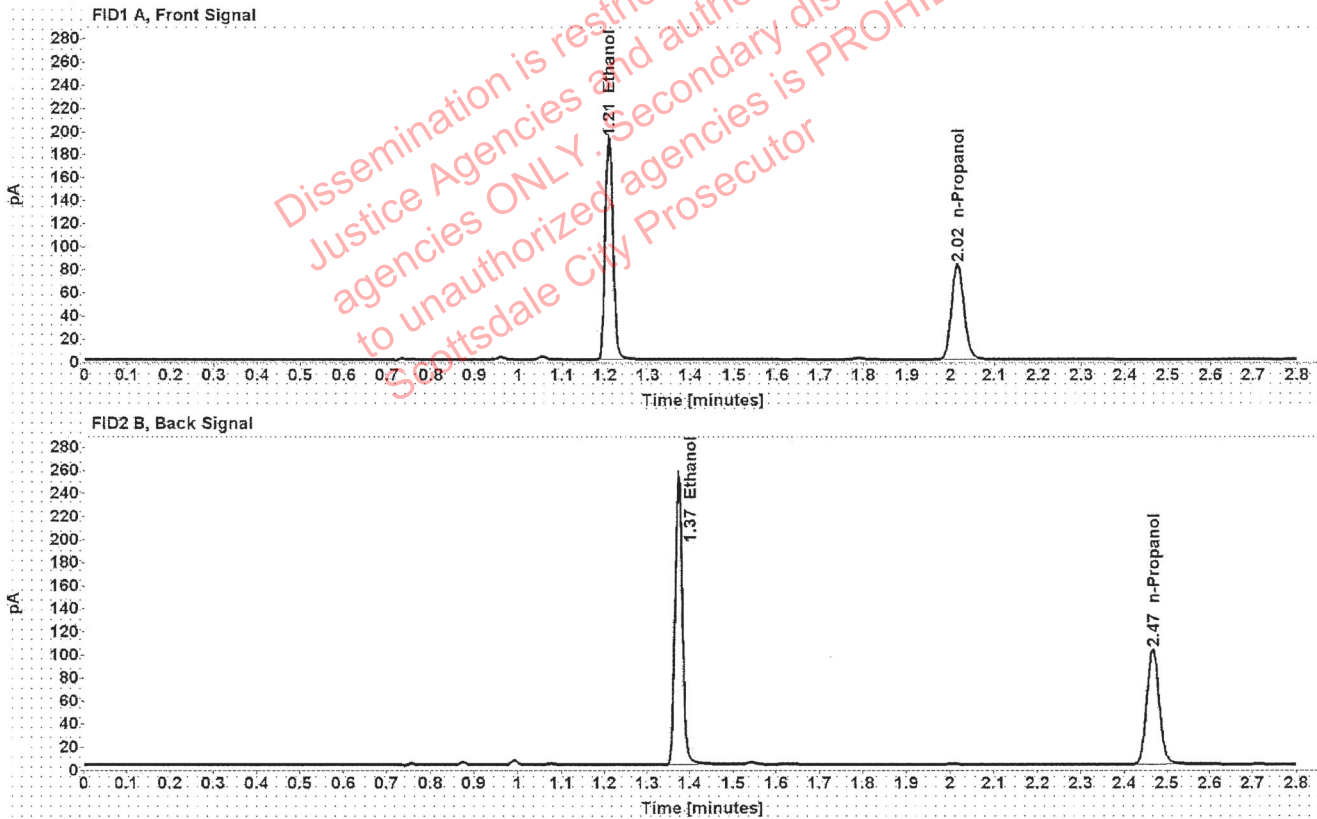


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3914	1.209	245.798
n-Propanol	-----	2.016	164.866

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

Compound	Time (min)	Peak Area
Ethanol	1.373	305.725
n-Propanol	2.466	202.569

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378285	Vial:	36
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 2:29:14 PM
Data file:	C:\Chem32\1\Data\29Jun21\36.D	Analyst:	Abbott

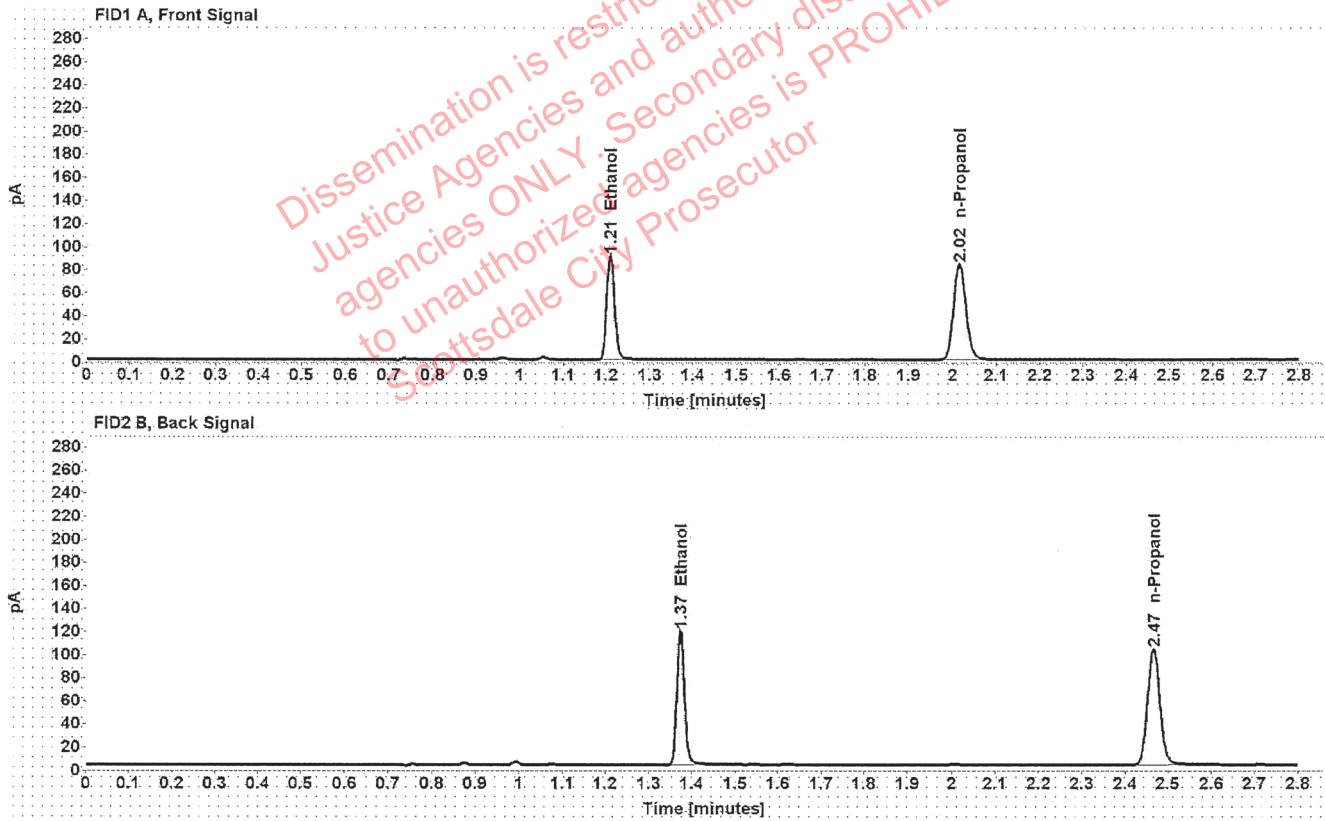


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1842	1.210	115.873
n-Propanol	-----	2.016	165.983

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

Compound	Time (min)	Peak Area
Ethanol	1.374	143.594
n-Propanol	2.467	203.957

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378285	Vial:	37
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 2:33:29 PM
Data file:	C:\Chem32\1\Data\29Jun21\37.D	Analyst:	Abbott

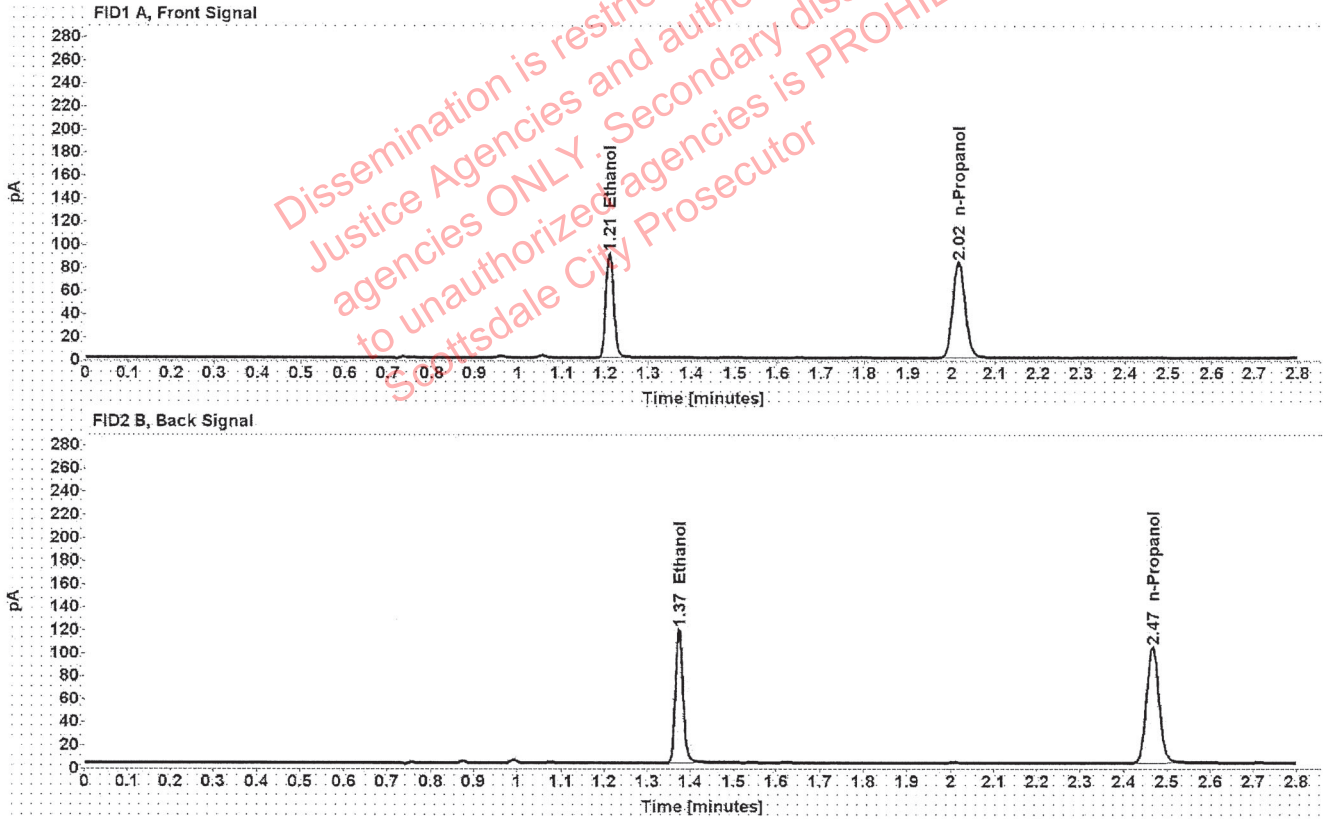


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1848	1.210	116.401
n-Propanol	-----	2.016	166.188

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

Compound	Time (min)	Peak Area
Ethanol	1.374	144.171
n-Propanol	2.466	204.143



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1376394	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 2:37:29 PM
Data file:	C:\Chem32\1\Data\29Jun21\38.D	Analyst:	Abbott

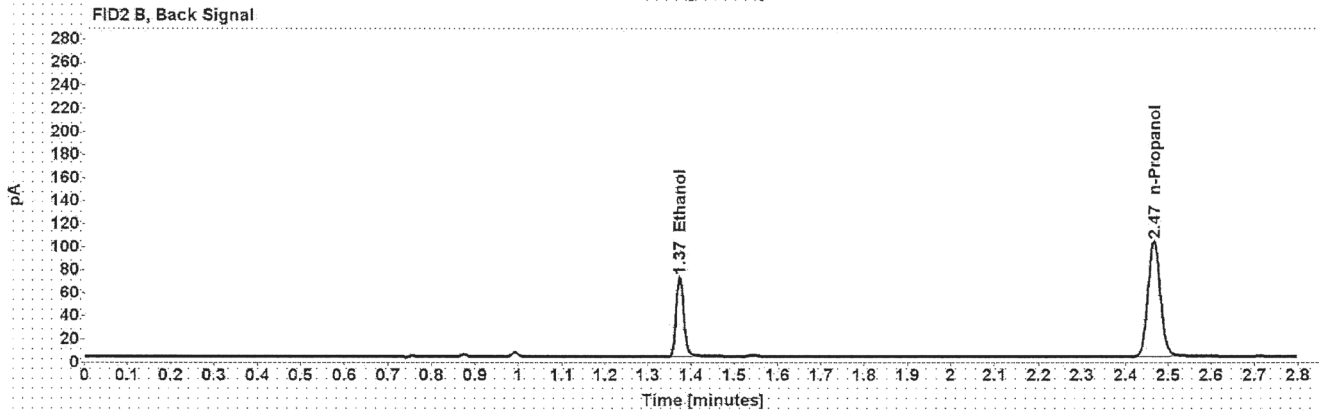
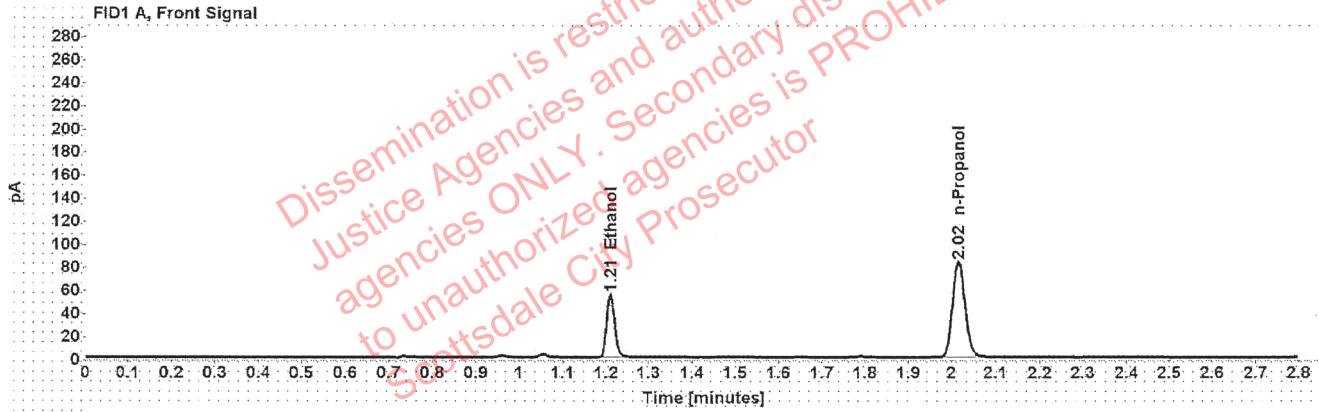


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1111	1.210	69.507
n-Propanol	-----	2.016	166.162

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

Compound	Time (min)	Peak Area
Ethanol	1.374	86.023
n-Propanol	2.466	204.323

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1376394	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 2:41:29 PM
Data file:	C:\Chem32\1\Data\29Jun21\39.D	Analyst:	Abbott

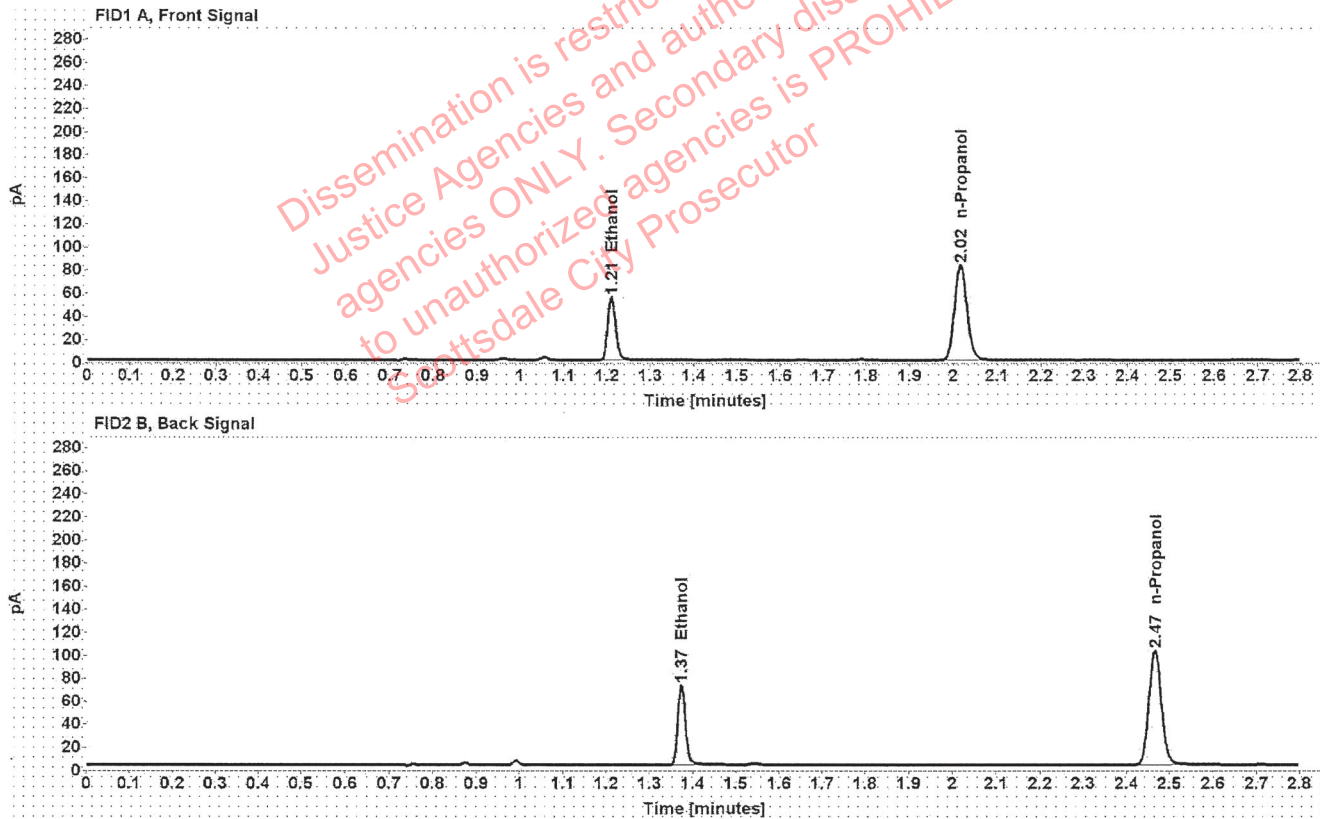


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1126	1.210	69.922
n-Propanol	-----	2.016	164.799

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

Compound	Time (min)	Peak Area
Ethanol	1.374	86.183
n-Propanol	2.466	202.746

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378645	Vial:	40
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 2:45:29 PM
Data file:	C:\Chem32\1\Data\29Jun21\40.D	Analyst:	Abbott

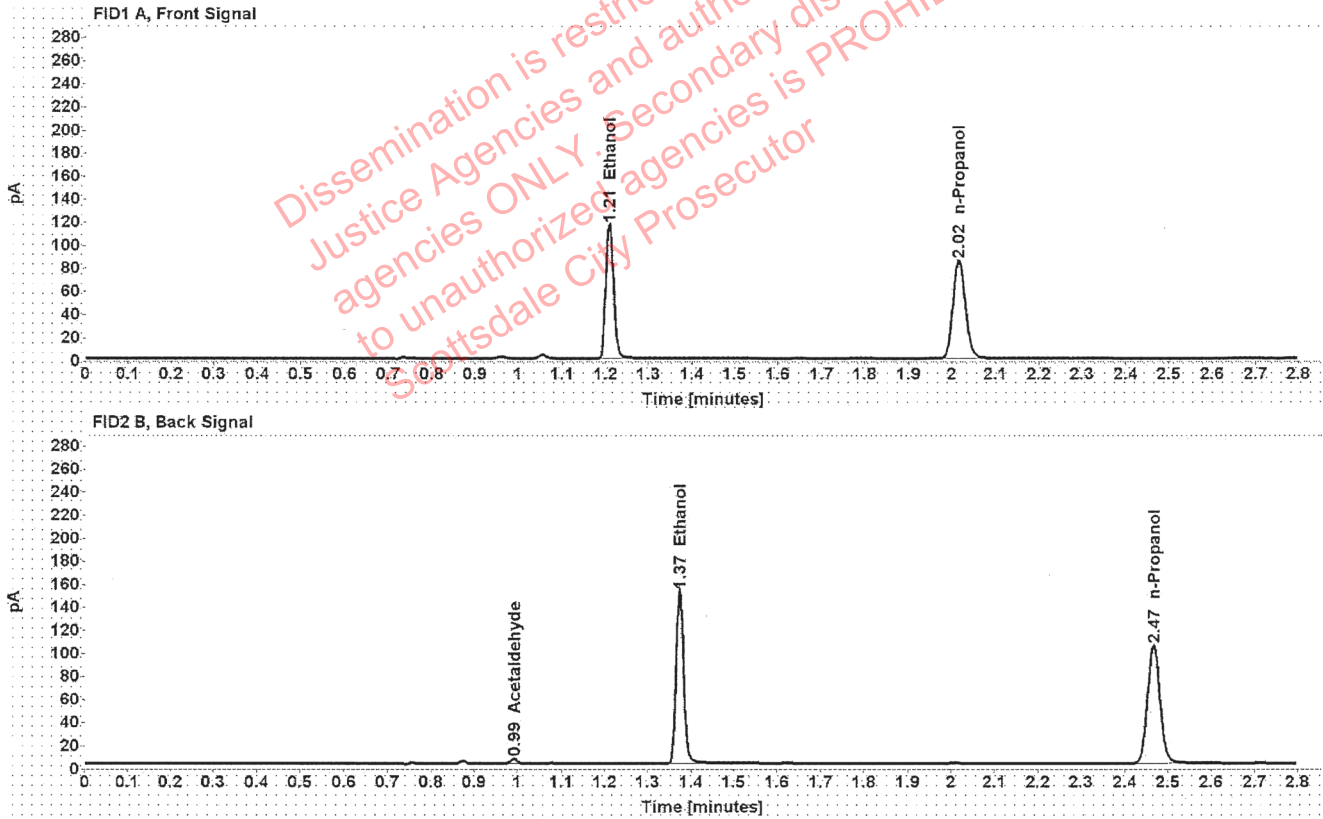


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2314	1.209	148.628
n-Propanol	-----	2.016	169.132

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.072
Ethanol	1.374	186.196
n-Propanol	2.466	208.088

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378645	Vial:	41
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 2:49:29 PM
Data file:	C:\Chem32\1\Data\29Jun21\41.D	Analyst:	Abbott

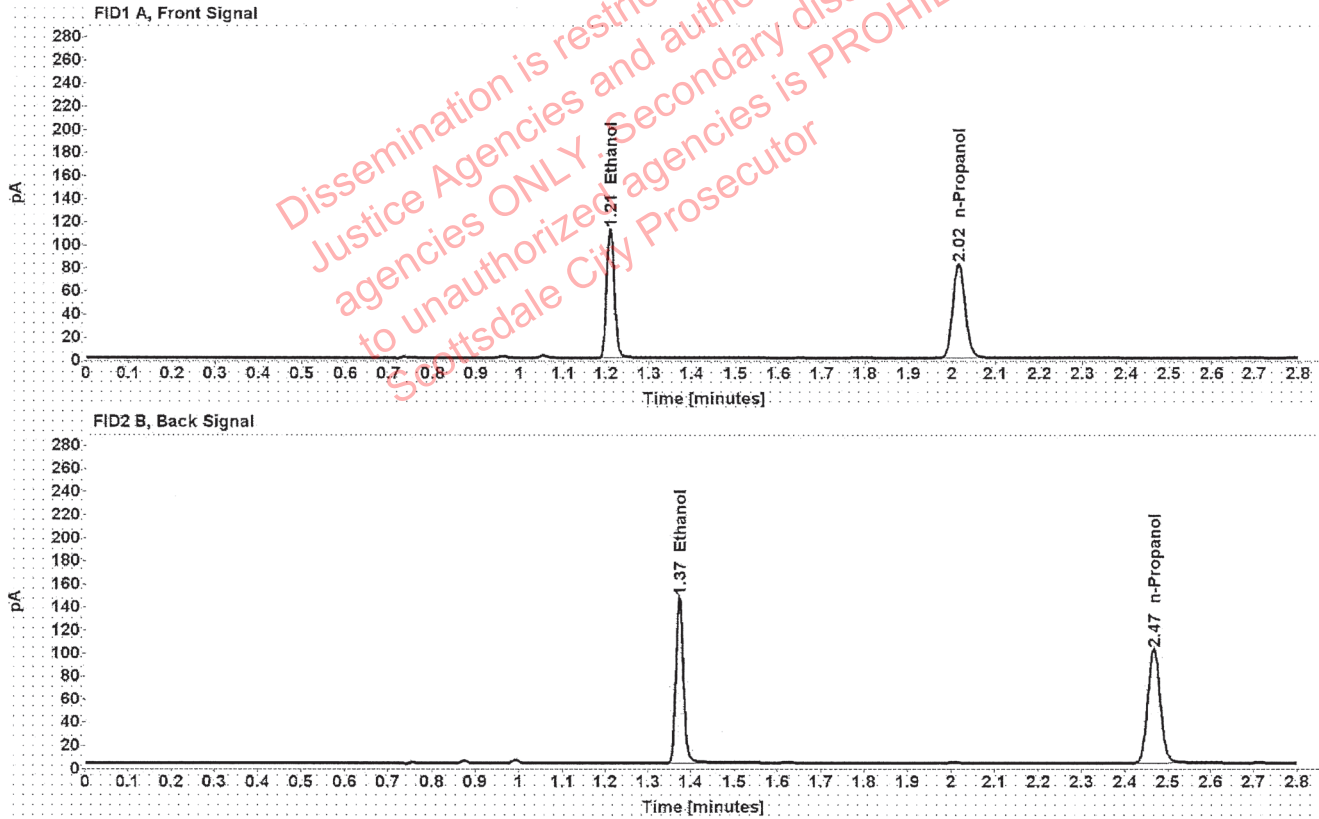


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2305	1.209	143.124
n-Propanol	-----	2.016	163.544

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

Compound	Time (min)	Peak Area
Ethanol	1.374	179.119
n-Propanol	2.466	201.106

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378254	Vial:	43
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 2:57:43 PM
Data file:	C:\Chem32\1\Data\29Jun21\43.D	Analyst:	Abbott

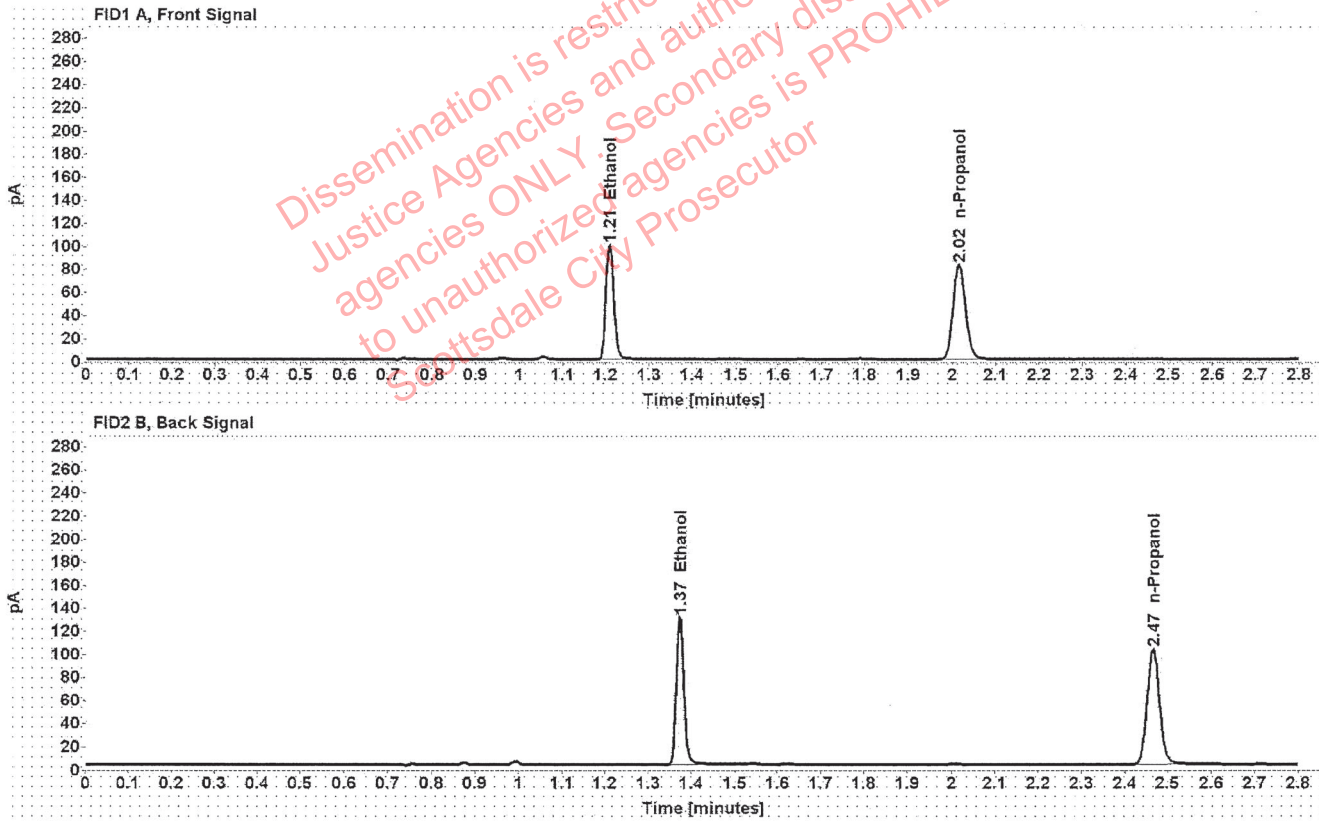


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2040	1.209	127.182
n-Propanol	-----	2.016	164.374

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.916
n-Propanol	2.466	201.978

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378254	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 3:01:43 PM
Data file:	C:\Chem32\1\Data\29Jun21\44.D	Analyst:	Abbott

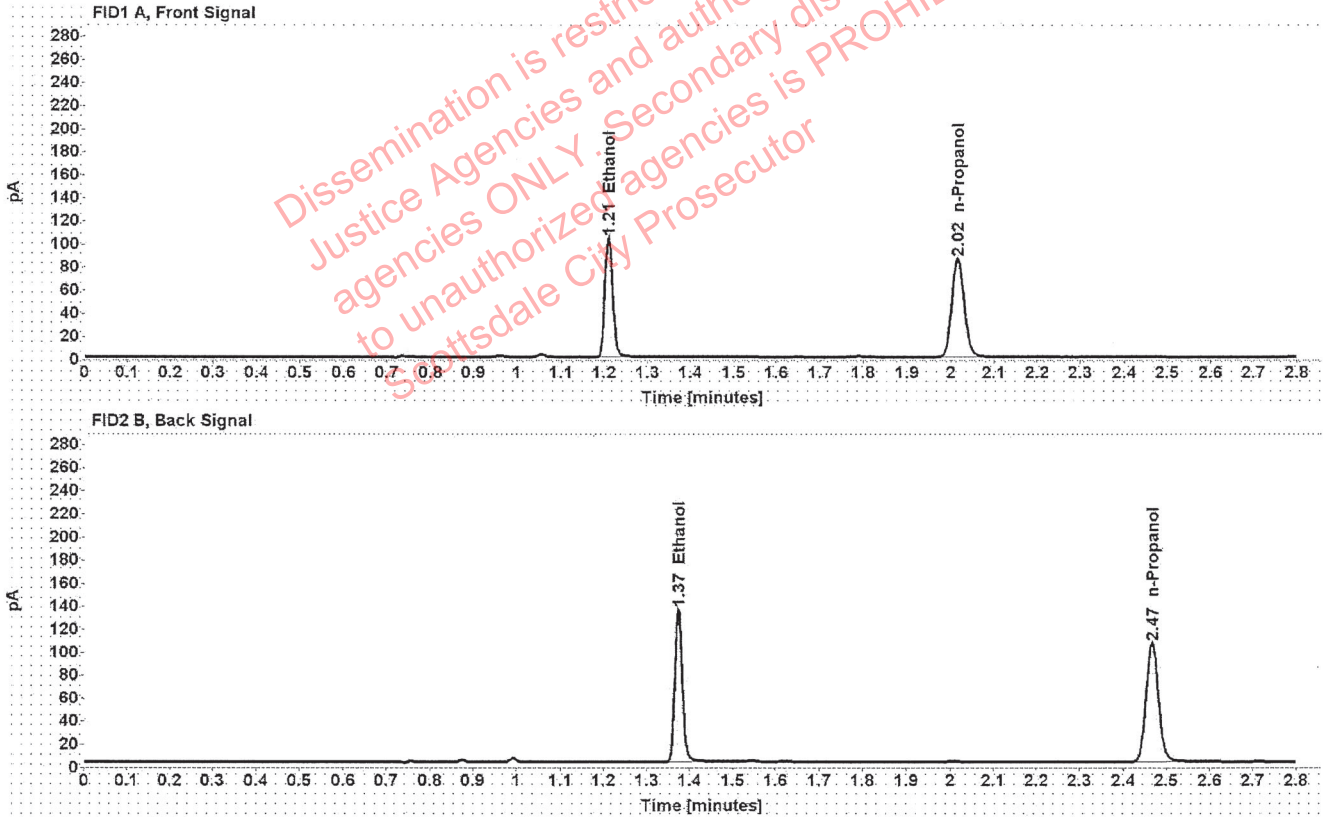


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2051	1.210	132.373
n-Propanol	-----	2.016	170.128

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

Compound	Time (min)	Peak Area
Ethanol	1.374	164.163
n-Propanol	2.467	209.163

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378466	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 3:05:43 PM
Data file:	C:\Chem32\1\Data\29Jun21\45.D	Analyst:	Abbott

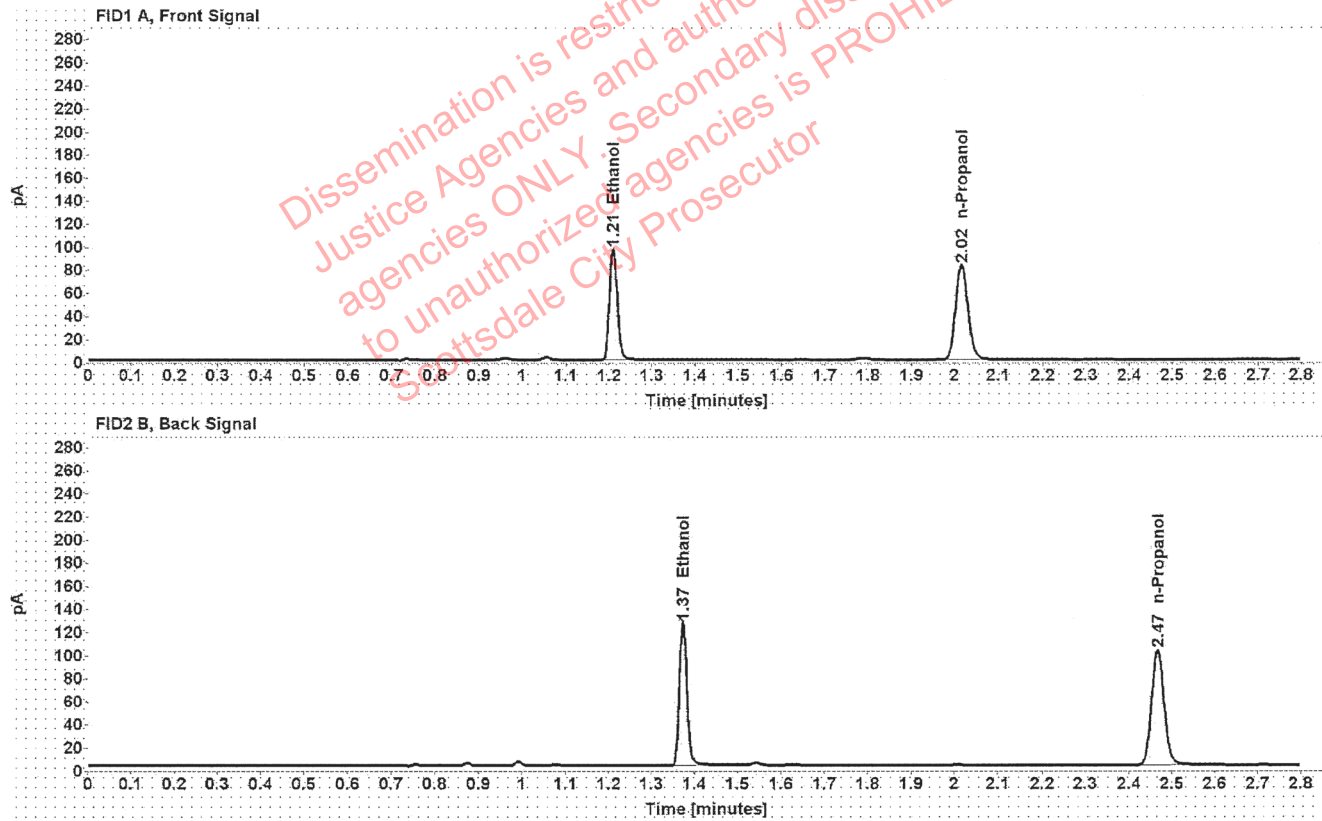


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1970	1.210	122.971
n-Propanol	-----	2.016	164.607

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

Compound	Time (min)	Peak Area
Ethanol	1.374	152.615
n-Propanol	2.467	202.213

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378466	Vial:	46
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 3:09:44 PM
Data file:	C:\Chem32\1\Data\29Jun21\46.D	Analyst:	Abbott

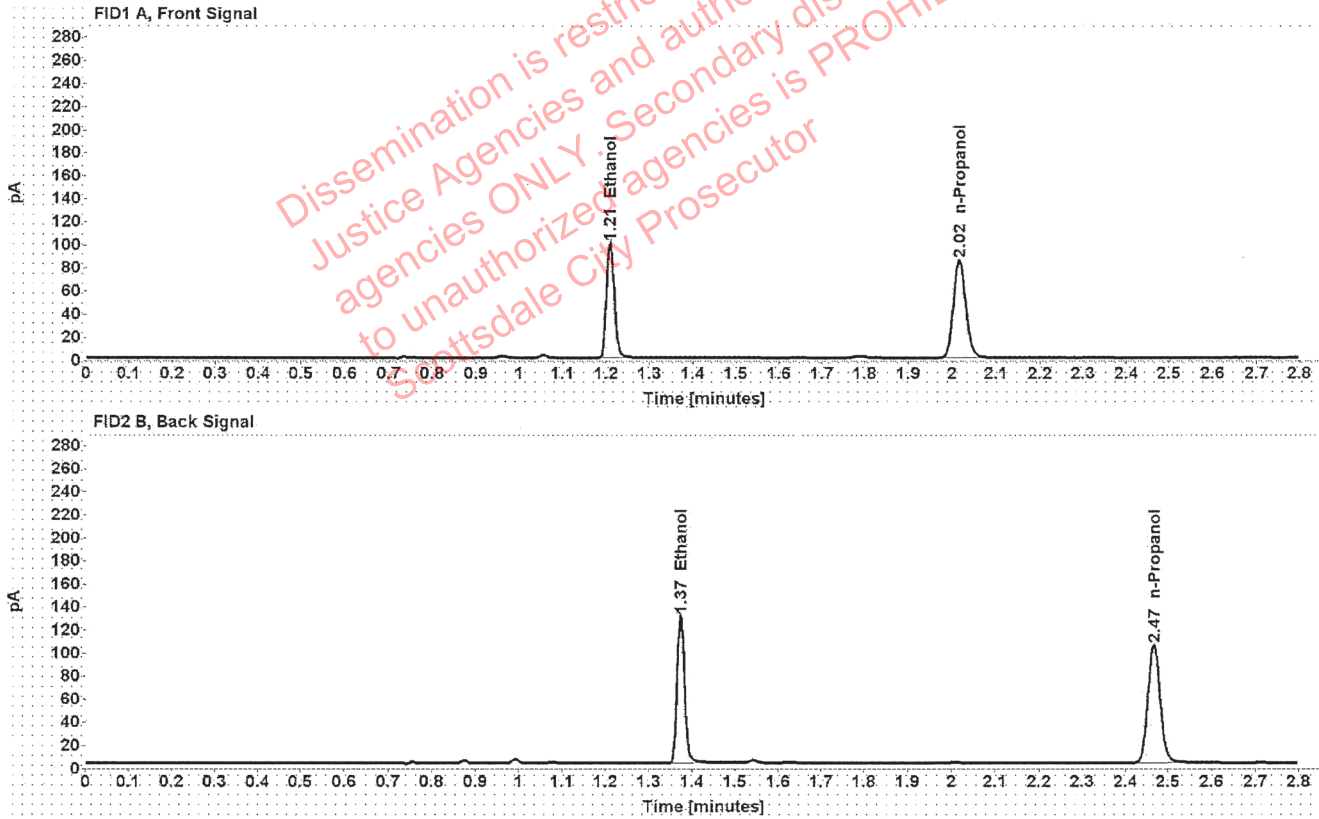


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1986	1.210	127.556
n-Propanol	-----	2.016	169.356

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

Compound	Time (min)	Peak Area
Ethanol	1.374	158.009
n-Propanol	2.467	208.038



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378153	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 3:13:44 PM
Data file:	C:\Chem32\1\Data\29Jun21\47.D	Analyst:	Abbott

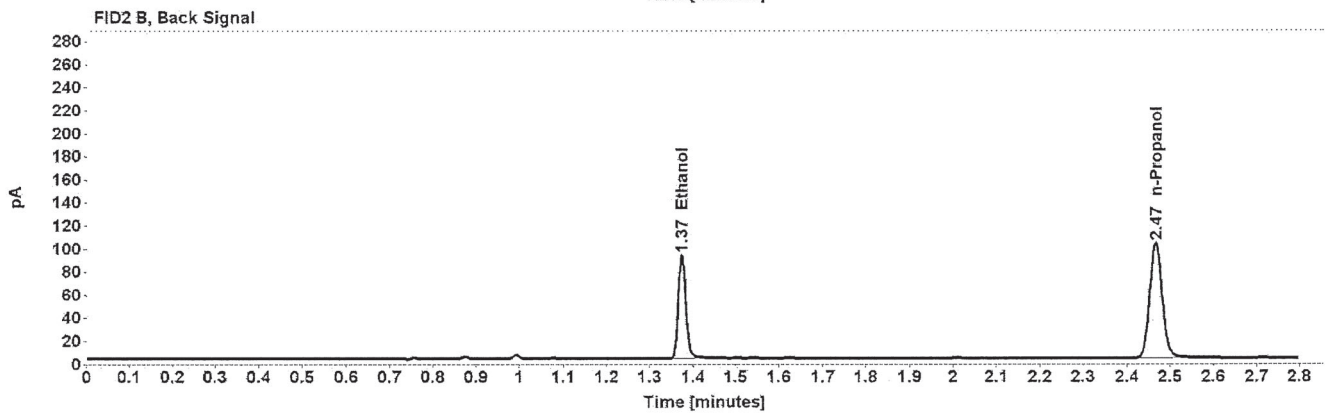
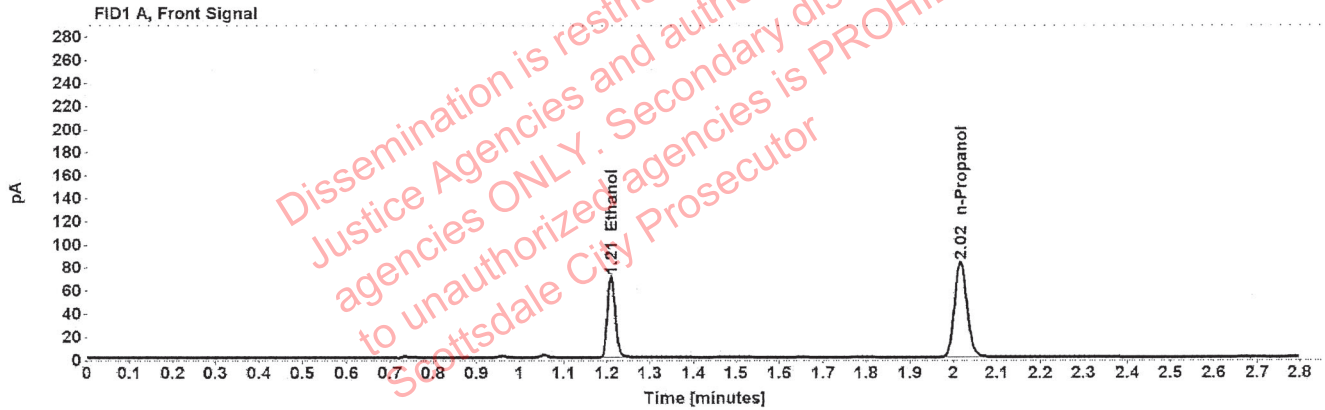


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1439	1.210	89.951
n-Propanol	-----	2.016	165.331

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

Compound	Time (min)	Peak Area
Ethanol	1.374	111.513
n-Propanol	2.466	203.893

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378153	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 3:17:43 PM
Data file:	C:\Chem32\1\Data\29Jun21\48.D	Analyst:	Abbott

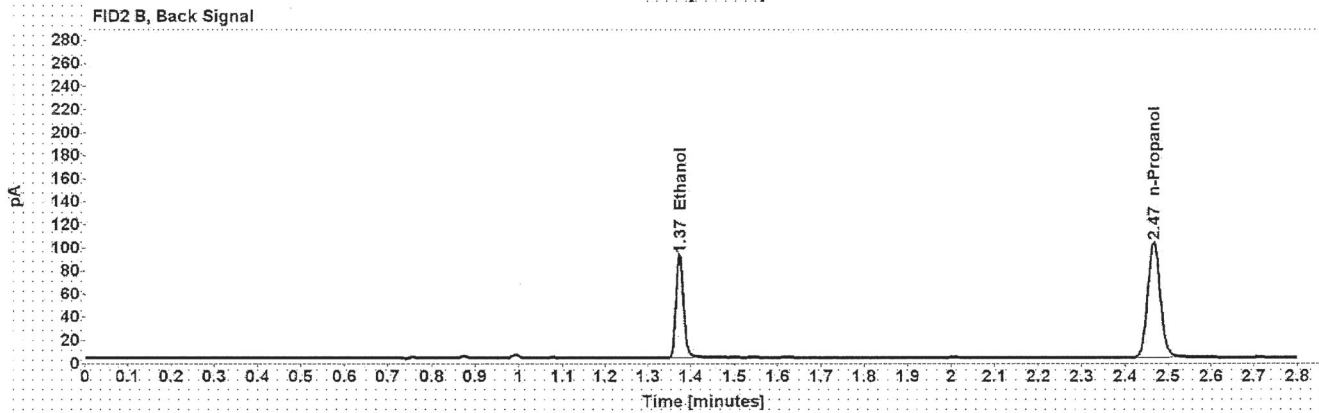
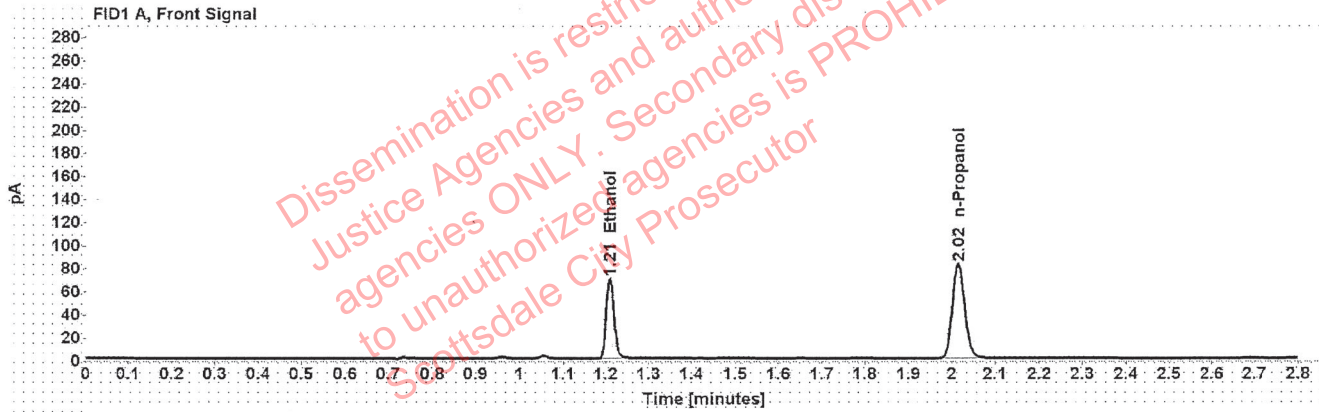


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1431	1.210	88.987
n-Propanol	-----	2.016	164.494

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

Compound	Time (min)	Peak Area
Ethanol	1.373	110.065
n-Propanol	2.466	202.915

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378746	Vial:	49
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 3:21:59 PM
Data file:	C:\Chem32\1\Data\29Jun21\49.D	Analyst:	Abbott

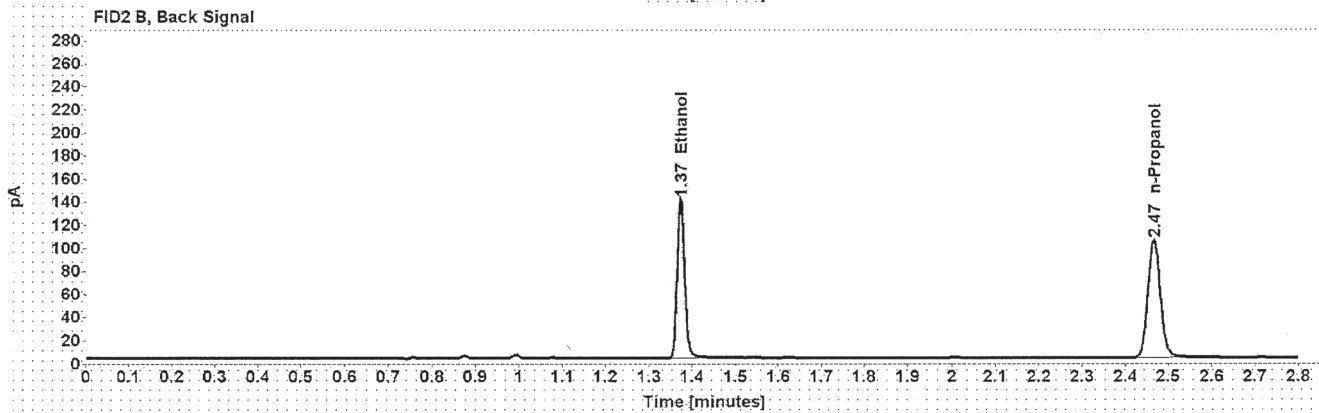
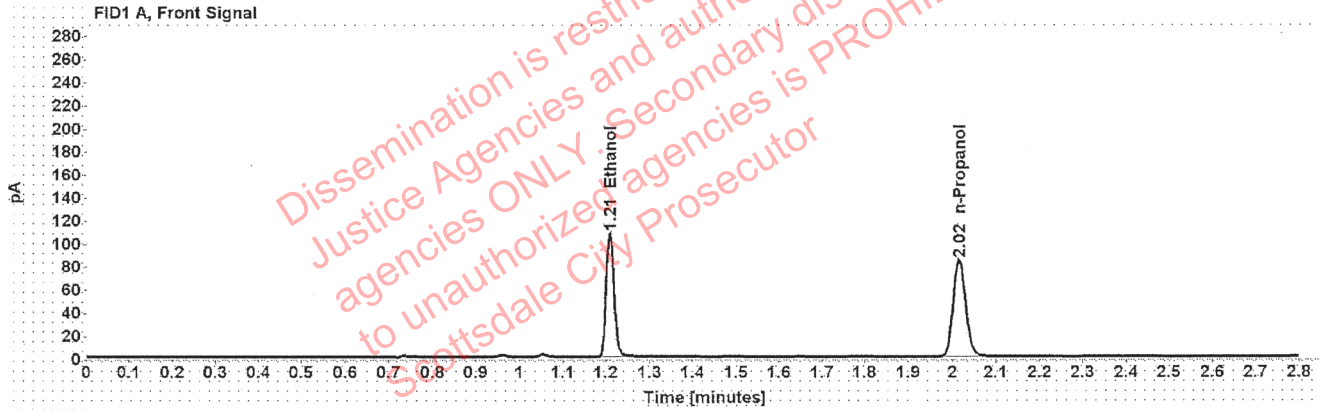


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2155	1.209	137.277
n-Propanol	-----	2.016	167.849

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

Compound	Time (min)	Peak Area
Ethanol	1.374	170.520
n-Propanol	2.466	207.044

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1378746	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 3:25:59 PM
Data file:	C:\Chem32\1\Data\29Jun21\50.D	Analyst:	Abbott

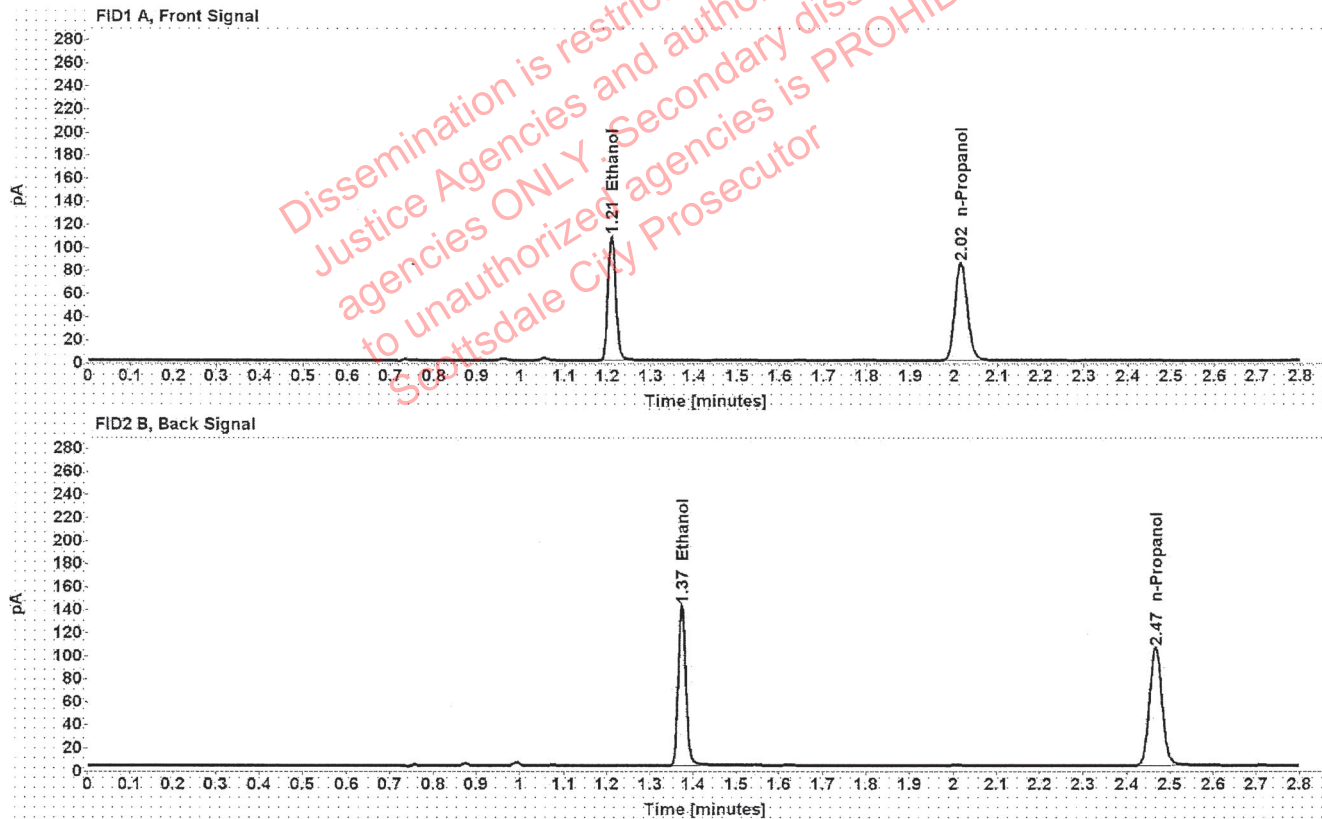


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2153	1.209	138.135
n-Propanol	-----	2.016	169.063

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

Compound	Time (min)	Peak Area
Ethanol	1.373	171.834
n-Propanol	2.466	208.587

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1377434	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 3:29:59 PM
Data file:	C:\Chem32\1\Data\29Jun21\51.D	Analyst:	Abbott

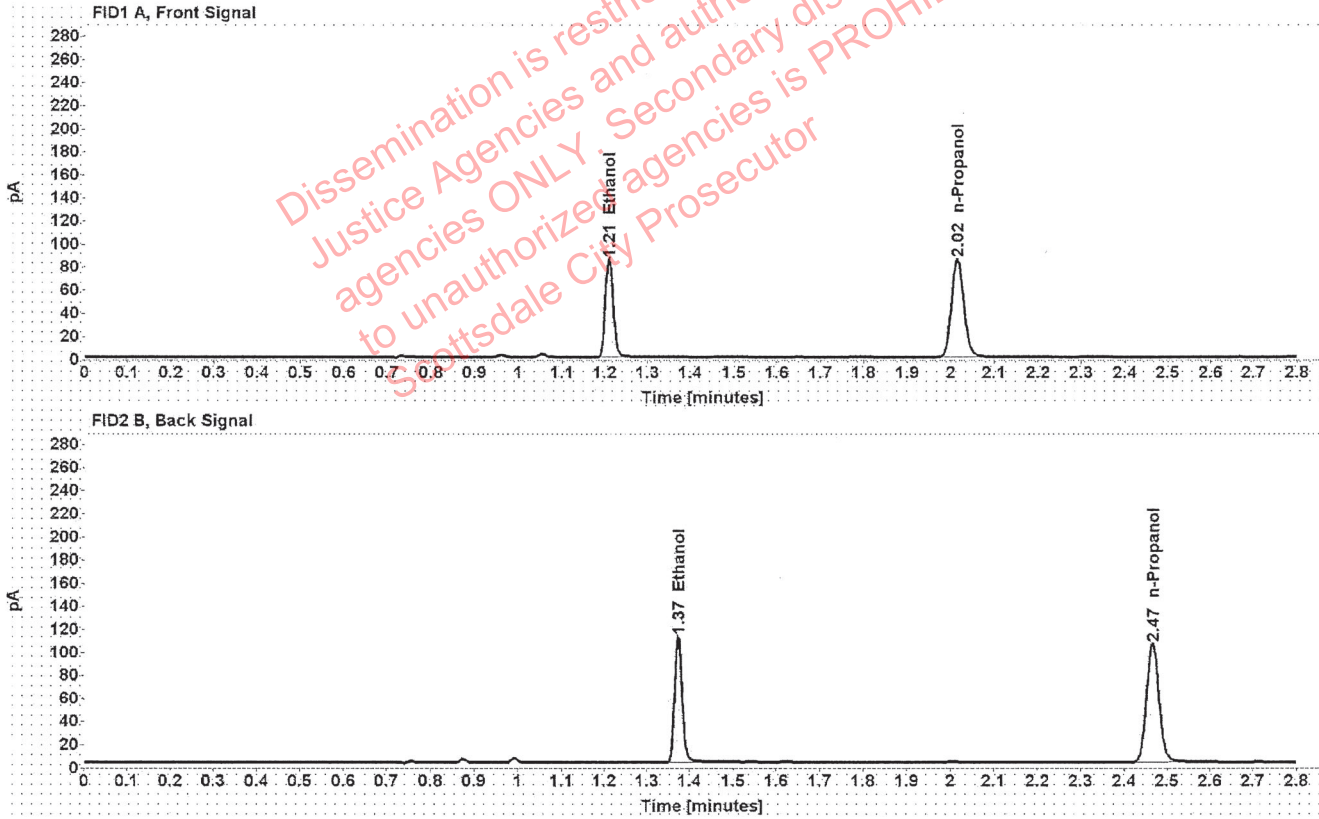


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1692	1.210	108.523
n-Propanol	-----	2.016	169.386

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

Compound	Time (min)	Peak Area
Ethanol	1.374	136.194
n-Propanol	2.466	209.099

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1377434	Vial:	52
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Jun21
Instrument:	US14173023 CN14160045	Injection date:	6/29/2021 3:33:59 PM
Data file:	C:\Chem32\1\Data\29Jun21\52.D	Analyst:	Abbott

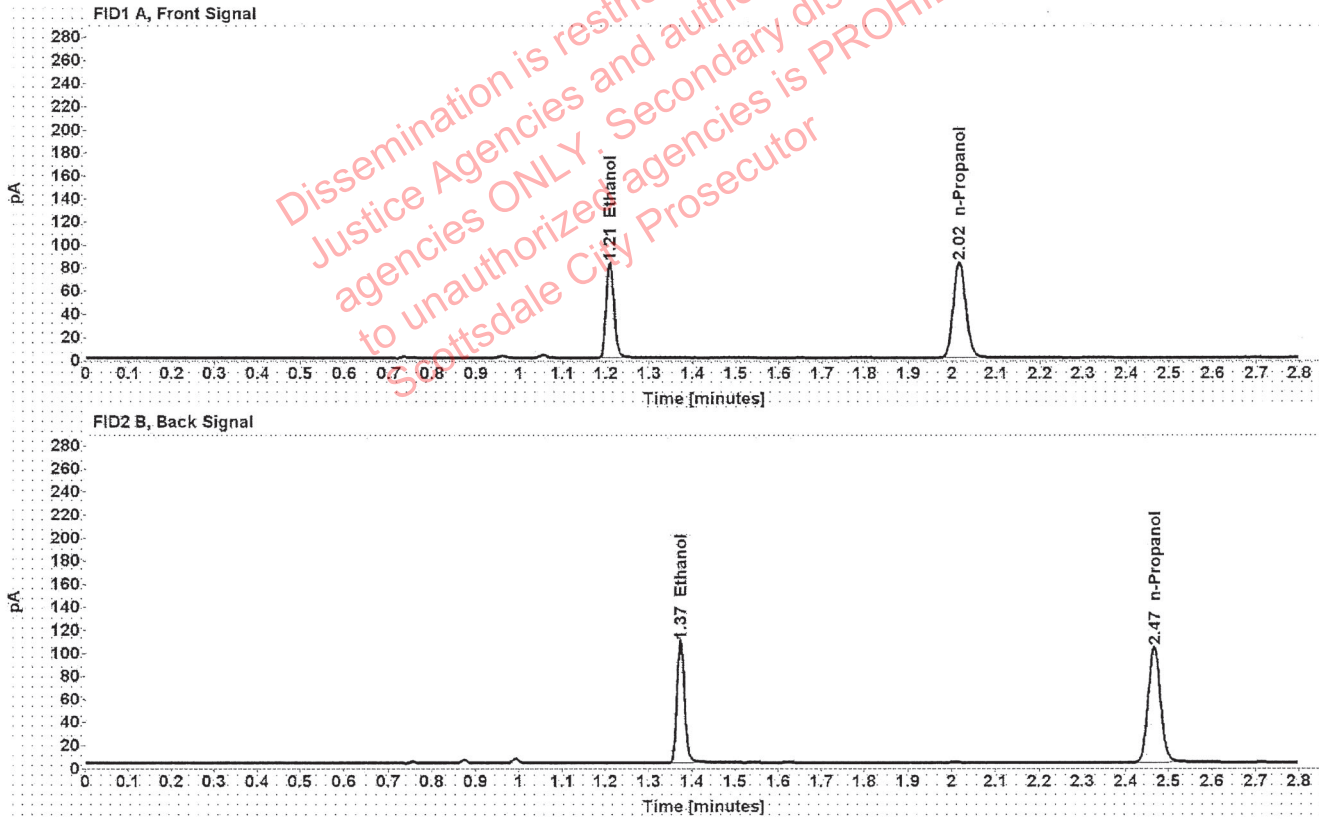


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1678	1.210	105.228
n-Propanol	-----	2.016	165.655

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

Compound	Time (min)	Peak Area
Ethanol	1.374	130.476
n-Propanol	2.466	204.258