

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 11/03/2020 SEQUENCE NAME 03Nov20

**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 071420AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 070819MIX
7	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.198 g/dL	0.198 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 03102016-A/1
42	Aqueous control	0.400 g/dL	0.405 g/dL	Lipomed 11092018-A
43	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
44	Blood control	0.198 g/dL	0.198 g/dL	ACQ 407041529/13
45	Blank	Not detected	Not detected	SPD lab 040919WB

**SUBJECT SAMPLES**

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

---



---



---

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

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

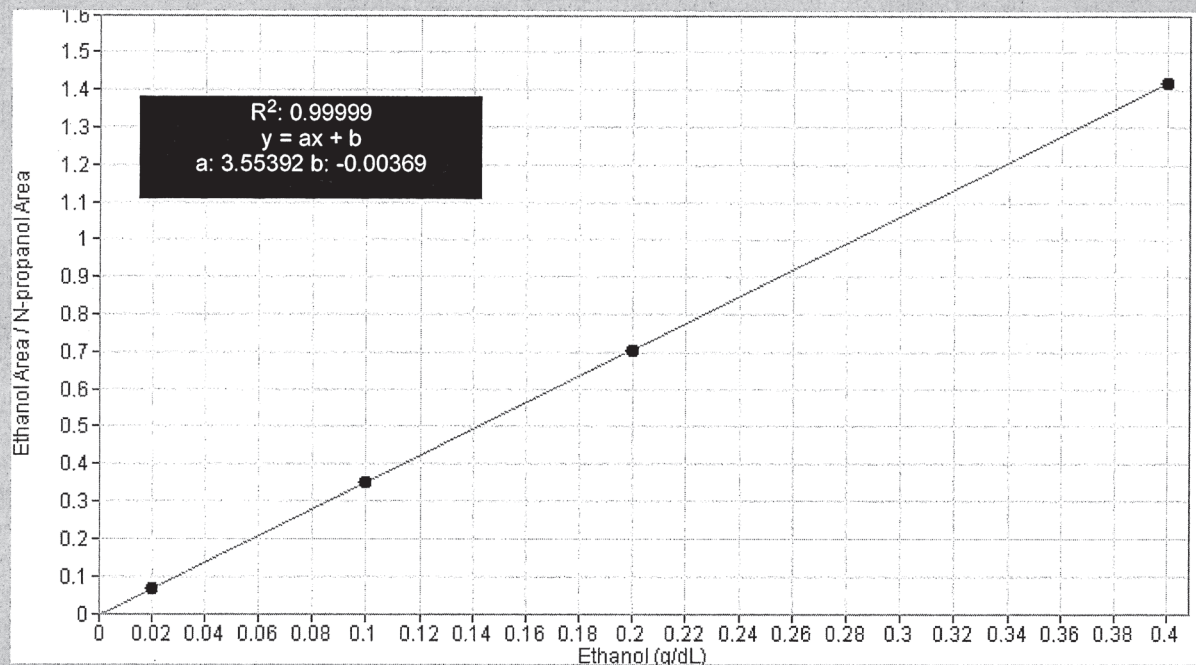
SEQUENCE NAME: 03Nov20

ANALYST: Abbott *pl*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 071420AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.402	0.400	0.50	0.002
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.198 407041529/13	9	0.198	0.198	0.00	0.000
0.080 03102016-A/1	20	0.080	0.080	0.00	0.000
0.080 03102016-A/1	31	0.081	0.080	1.25	0.001
0.400 11092018-A	42	0.405	0.400	1.25	0.005
0.040 14082019-B	43	0.040	0.040	0.00	0.000
0.198 407041529/13	44	0.198	0.198	0.00	0.000
blank 040919WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.060	176.227	0.068
0.100	62.693	178.259	0.352
0.200	122.485	173.709	0.705
0.400	249.103	175.571	1.419

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> 03Nov20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/3/2020 11:59:19 AM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>DA</i>
<b>Data file:</b> C:\Chem32\1\Data\03Nov20\1.D	

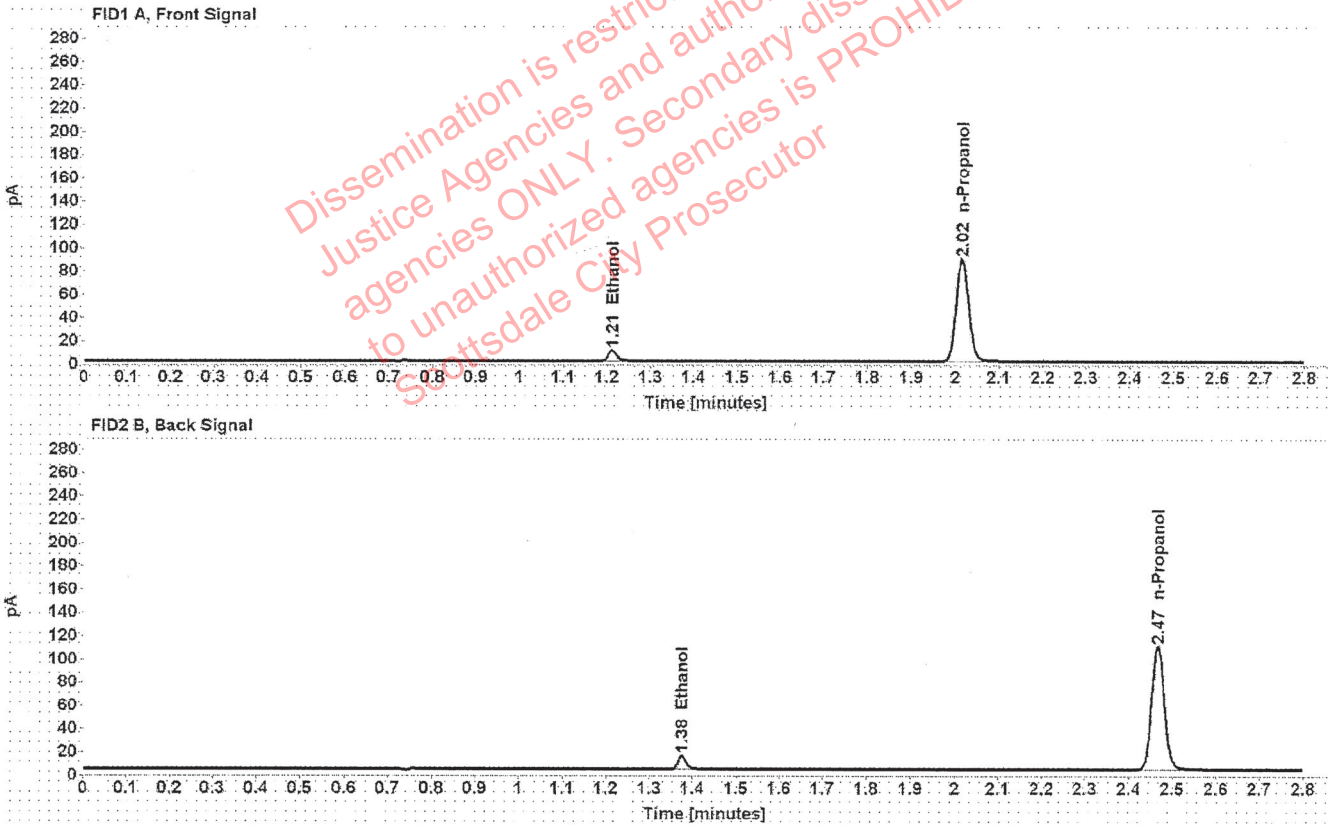


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	12.060
n-Propanol	2.016	176.227

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

Compound	Time (min)	Peak Area
Ethanol	1.376	15.007
n-Propanol	2.467	216.446

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05311902	<b>Vial:</b> 2
<b>Description:</b> 0.100 calibrator	<b>Sequence:</b> 03Nov20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/3/2020 12:03:19 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <span style="float: right;">GR</span>
<b>Data file:</b> C:\Chem32\1\Data\03Nov20\2.D	

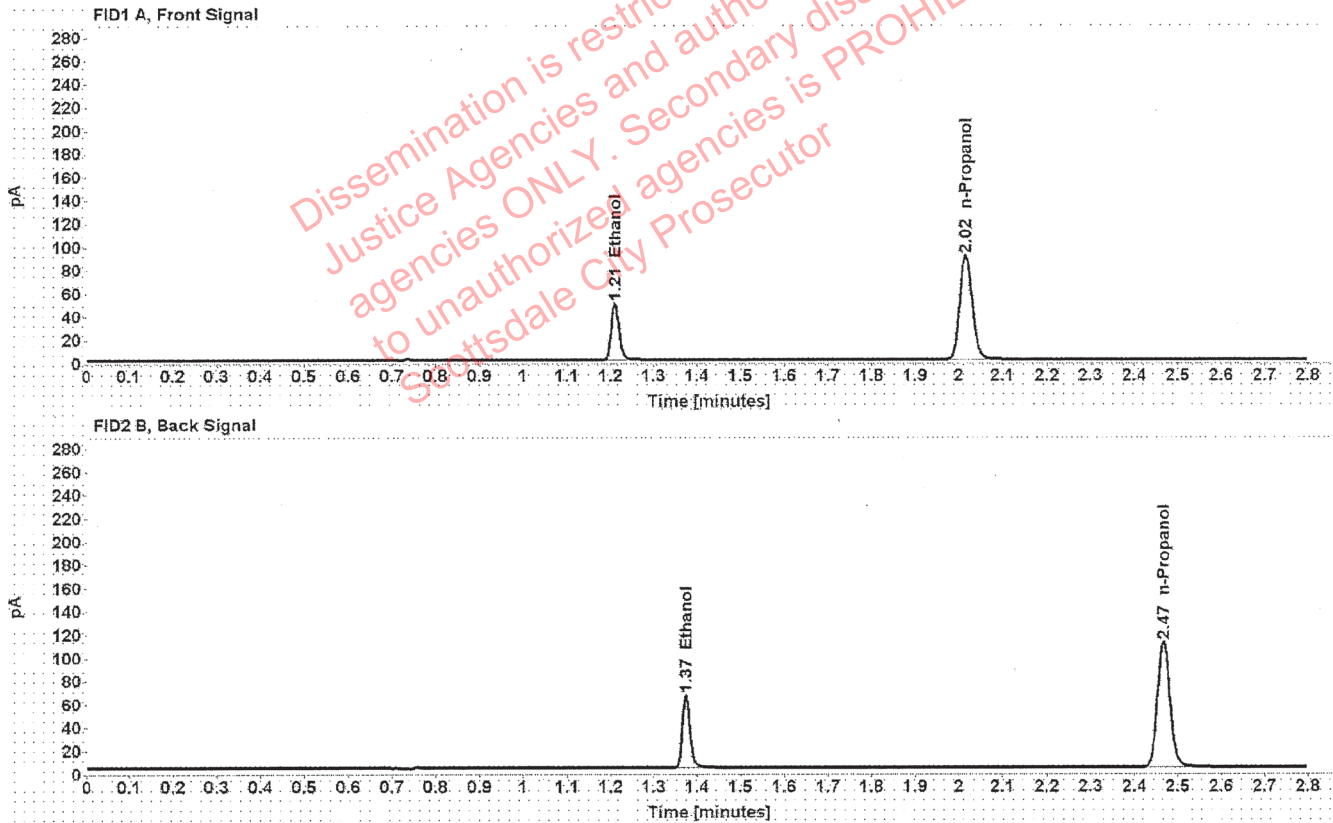


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	62.693
n-Propanol	2.016	178.259

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

Compound	Time (min)	Peak Area
Ethanol	1.374	78.371
n-Propanol	2.467	219.431

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05101903	<b>Vial:</b> 3
<b>Description:</b> 0.200 calibrator	<b>Sequence:</b> 03Nov20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/3/2020 12:07:19 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott
<b>Data file:</b> C:\Chem32\1\Data\03Nov20\3.D	

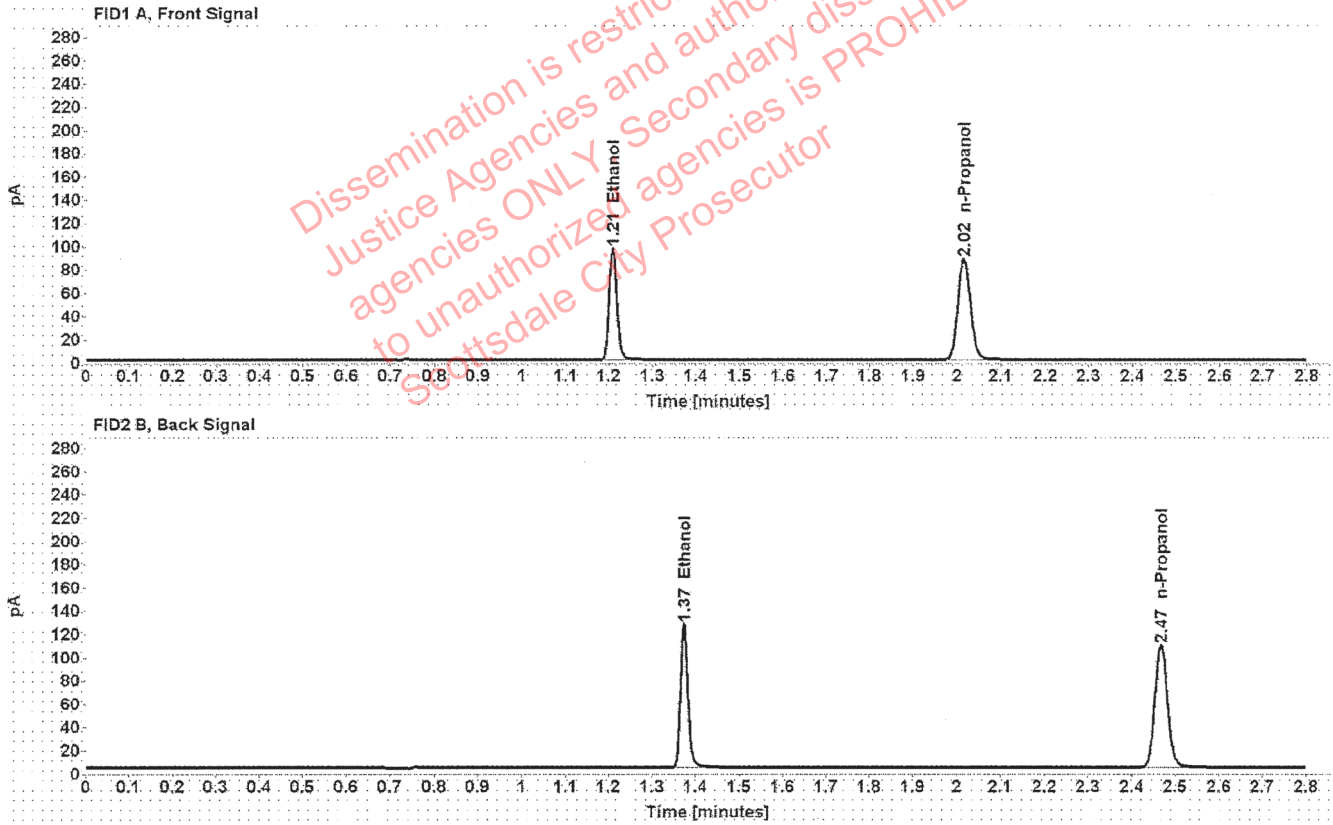


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	122.485
n-Propanol	2.016	173.709

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

Compound	Time (min)	Peak Area
Ethanol	1.374	153.463
n-Propanol	2.467	214.086

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN10051906	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 03Nov20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/3/2020 12:11:20 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <span style="float: right;"><i>AS</i></span>
<b>Data file:</b> C:\Chem32\1\Data\03Nov20\4.D	

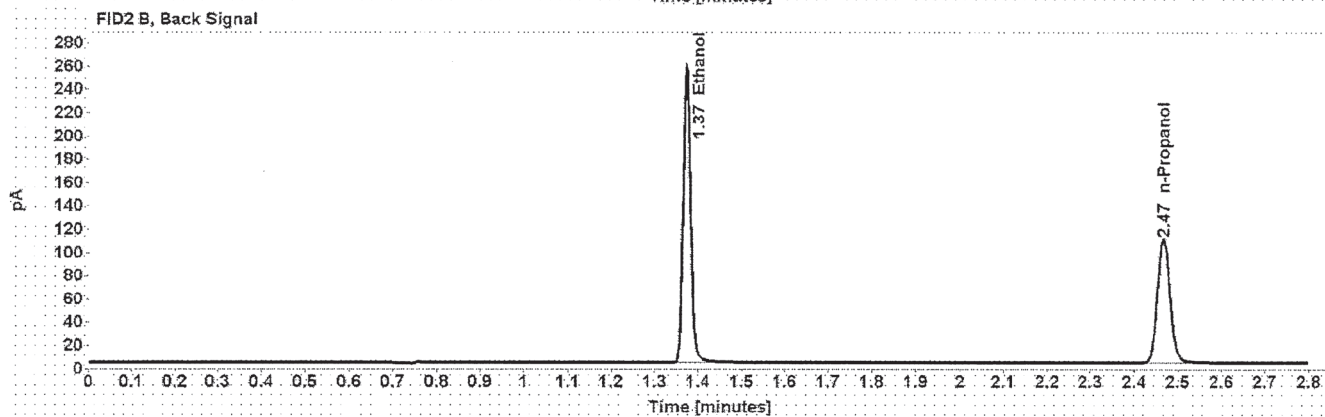
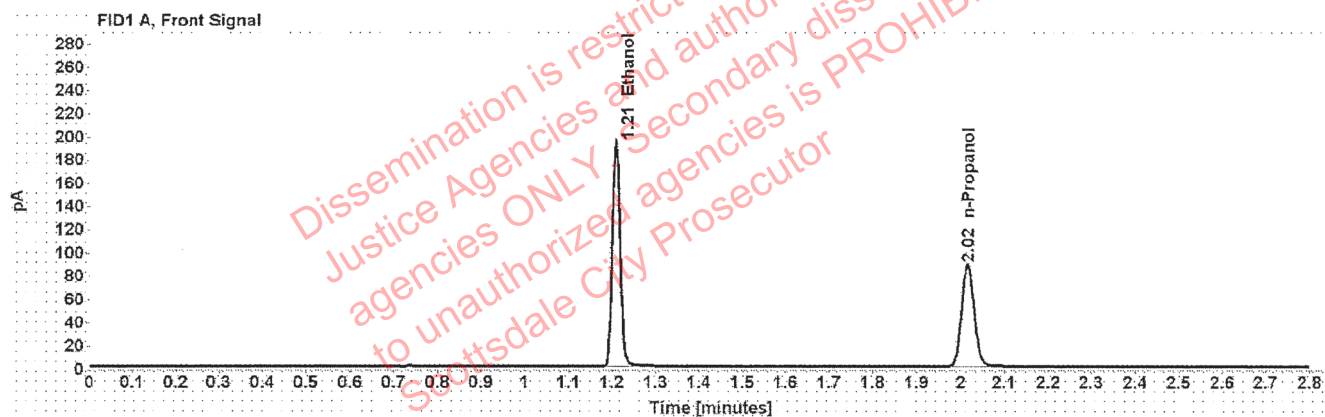


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	249.103
n-Propanol	2.016	175.571

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

Compound	Time (min)	Peak Area
Ethanol	1.374	312.777
n-Propanol	2.467	216.548

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 071420AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 03Nov20
Instrument: US14173023 CN14160045	Injection date: 11/3/2020 12:15:19 PM
Data file: C:\Chem32\1\Data\03Nov20\5.D	Analyst: Abbott <span style="float: right;">[Signature]</span>

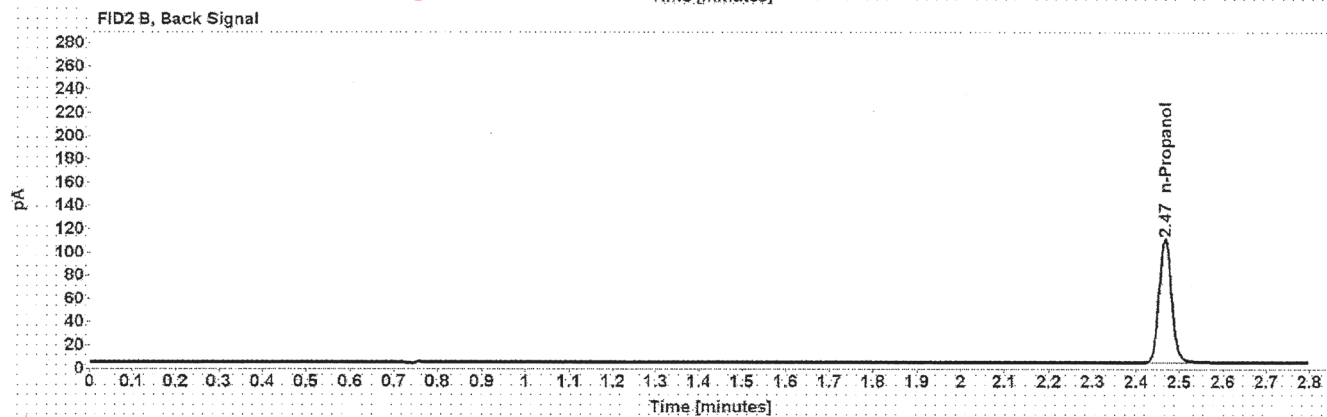
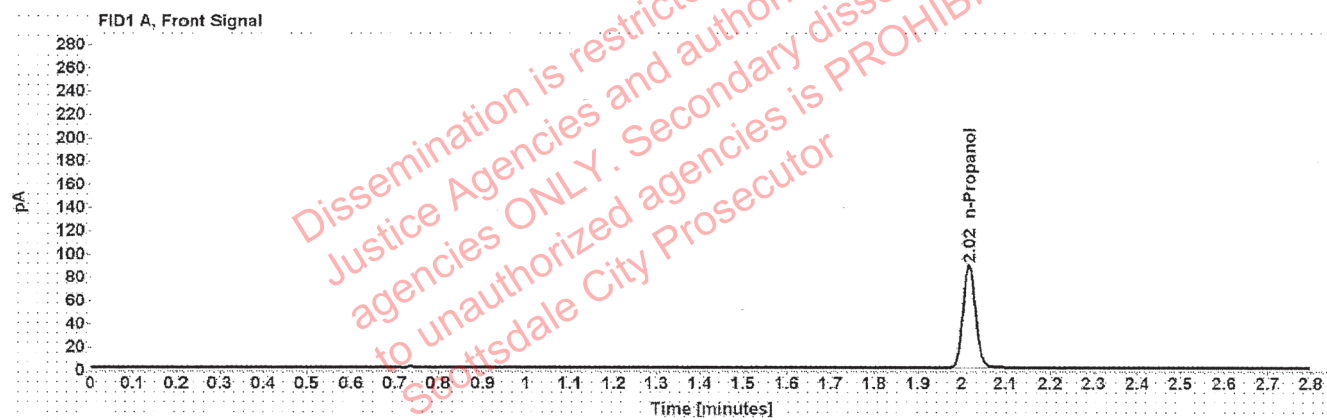


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	175.978

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	216.299

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 070819MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 03Nov20
Instrument: US14173023 CN14160045	Injection date: 11/3/2020 12:19:19 PM
Data file: C:\Chem32\1\Data\03Nov20\6.D	Analyst: Abbott <span style="float: right;">e</span>

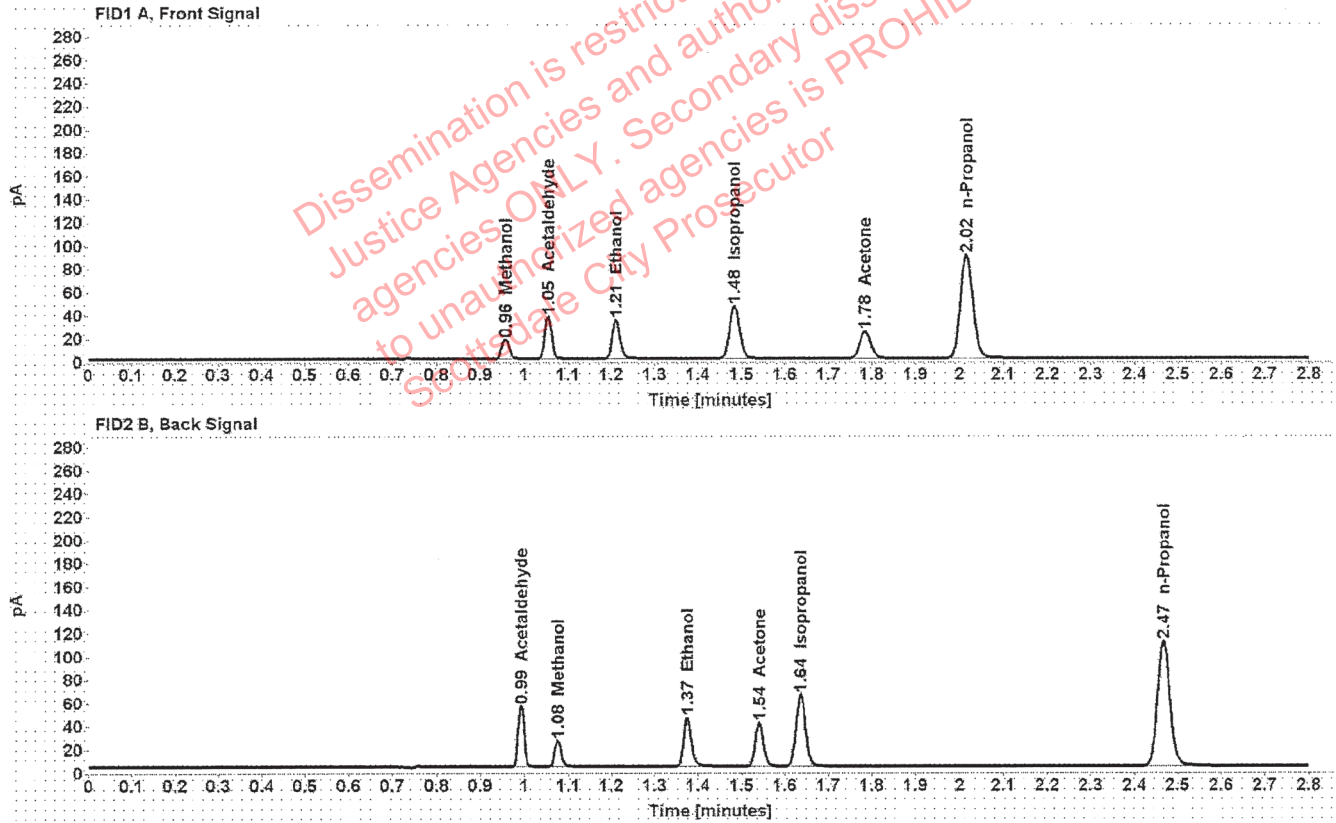


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	18.952
Acetaldehyde	-----	1.055	39.355
>Ethanol	0.0689	1.211	42.769
Isopropanol	-----	1.484	72.830
Acetone	-----	1.784	40.237
n-Propanol	-----	2.016	177.429

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	51.327
Methanol	1.077	24.394
Ethanol	1.375	53.249
Acetone	1.541	49.816
Isopropanol	1.636	93.453
n-Propanol	2.467	218.476



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 03Nov20
Instrument: US14173023 CN14160045	Injection date: 11/3/2020 12:23:34 PM
Data file: C:\Chem32\1\Data\03Nov20\7.D	Analyst: Abbott <i>pl</i>

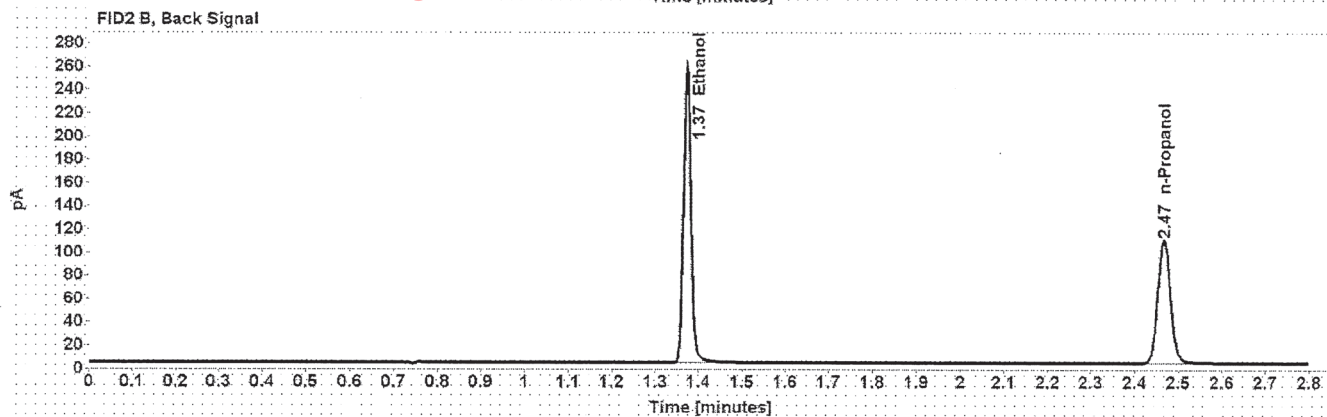
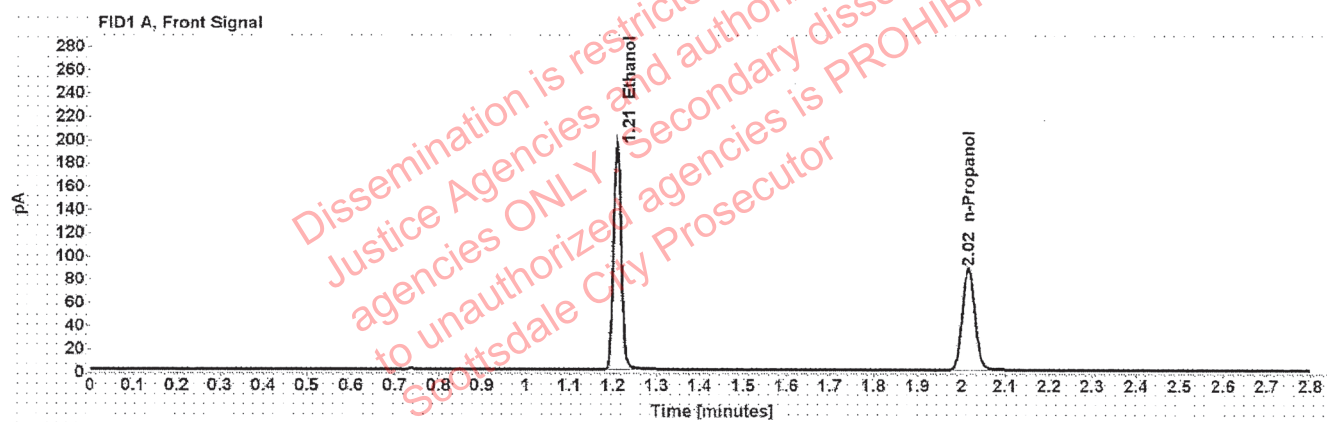


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4023	1.209	250.073
n-Propanol	-----	2.015	175.372

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

Compound	Time (min)	Peak Area
Ethanol	1.373	313.755
n-Propanol	2.467	215.976

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 03Nov20
Instrument: US14173023 CN14160045	Injection date: 11/3/2020 12:27:34 PM
Data file: C:\Chem32\11\Data\03Nov20\8.D	Analyst: Abbott <i>ds</i>

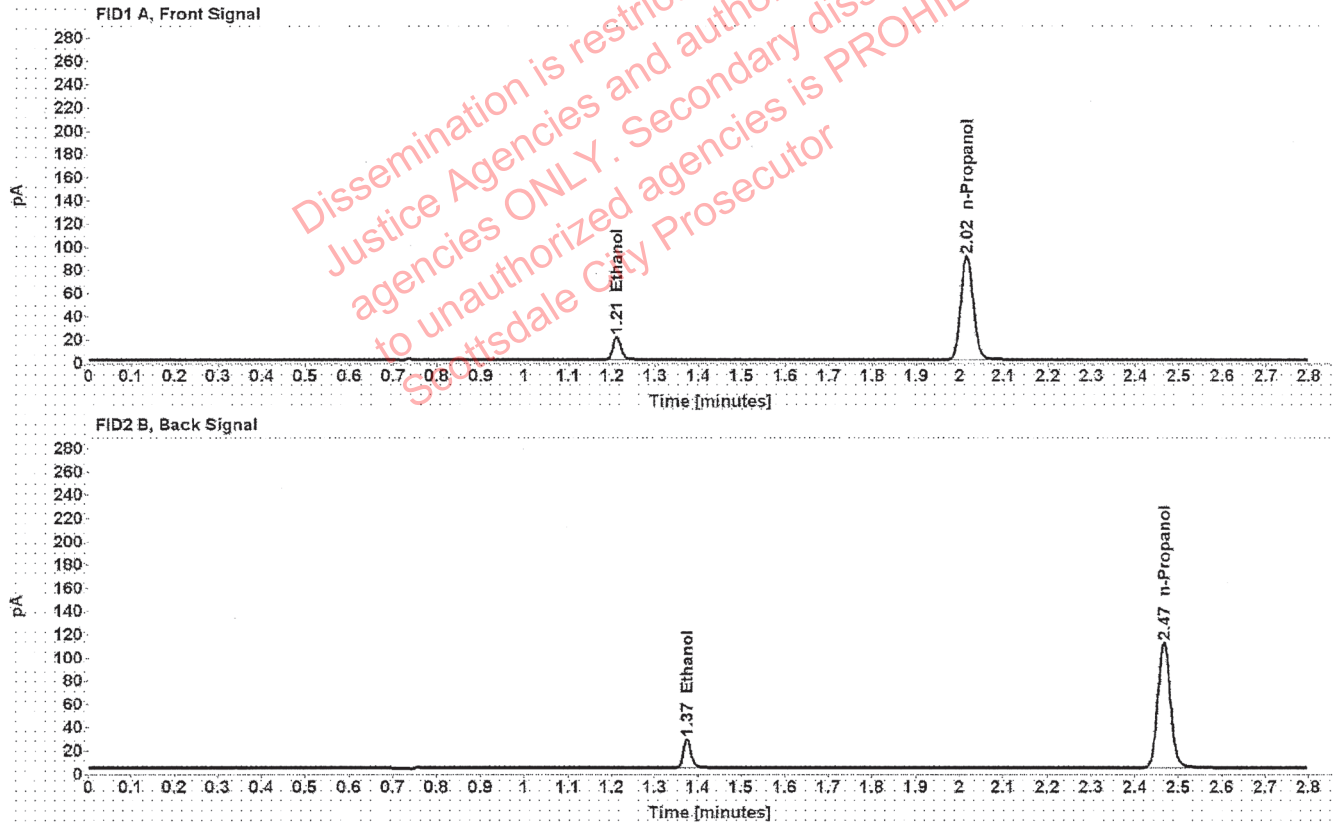


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0407	1.211	25.167
n-Propanol	-----	2.015	178.737

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

Compound	Time (min)	Peak Area
Ethanol	1.375	31.401
n-Propanol	2.467	219.431

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 407041529/13	<b>Vial:</b> 9
<b>Description:</b> 0.198	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 03Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/3/2020 12:31:34 PM
<b>Data file:</b> C:\Chem32\1\Data\03Nov20\9.D	<b>Analyst:</b> Abbott <i>JA</i>

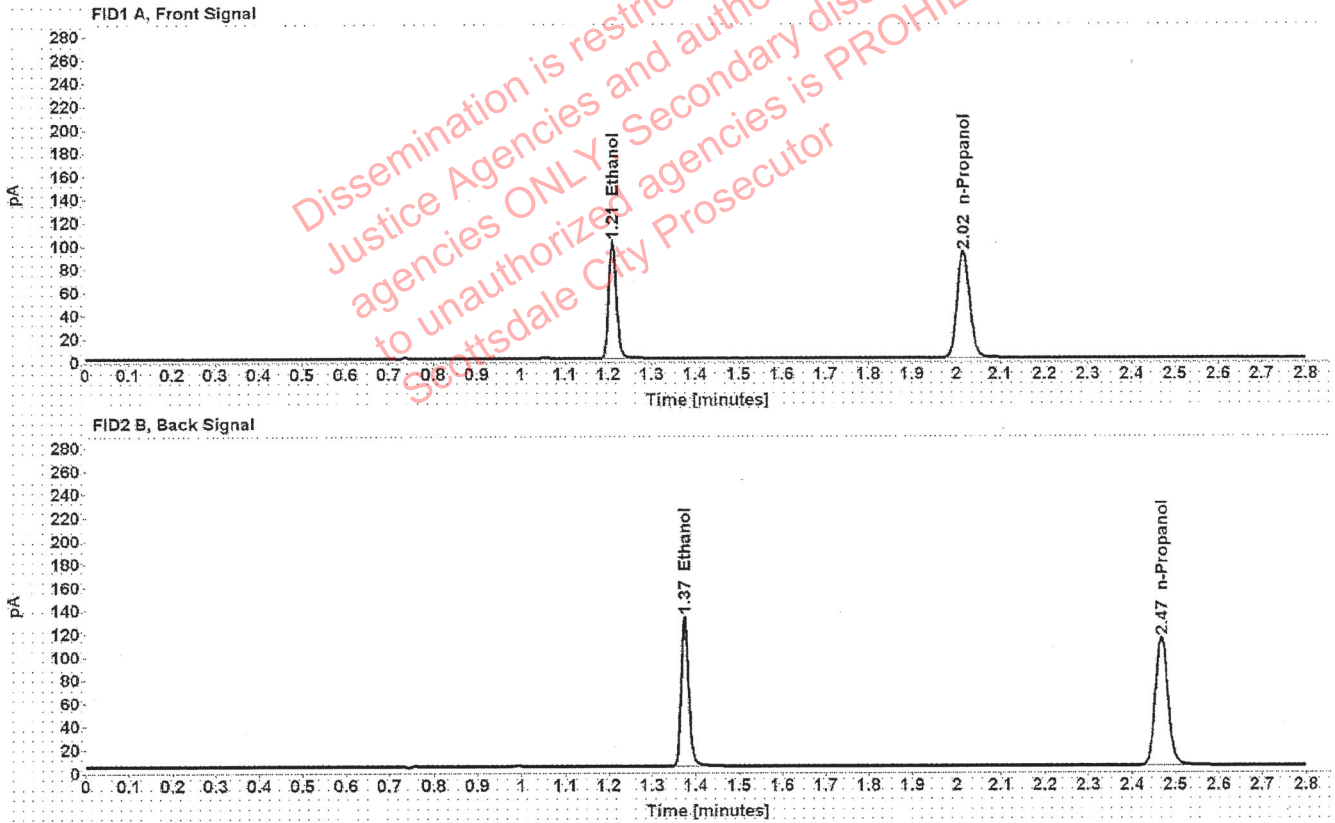


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1983	1.210	128.593
n-Propanol	-----	2.016	183.441

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

Compound	Time (min)	Peak Area
Ethanol	1.375	161.018
n-Propanol	2.468	225.476

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 03102016-A/1	<b>Vial:</b> 20
<b>Description:</b> 0.080	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 03Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/3/2020 1:16:04 PM
<b>Data file:</b> C:\Chem32\1\Data\03Nov20\20.D	<b>Analyst:</b> Abbott <i>ab</i>

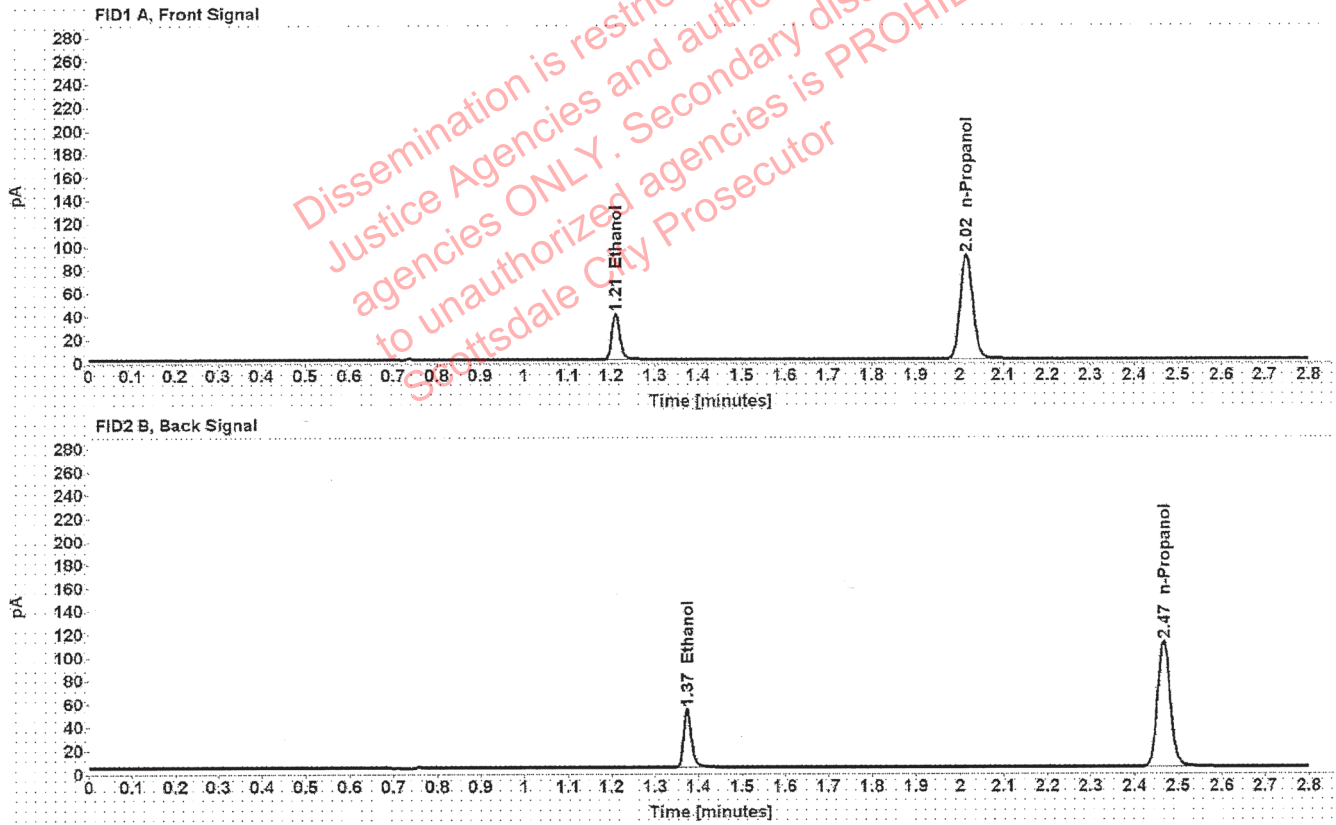


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0804	1.210	50.772
n-Propanol	-----	2.015	179.951

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

Compound	Time (min)	Peak Area
Ethanol	1.374	63.235
n-Propanol	2.466	220.476

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 03Nov20
Instrument: US14173023 CN14160045	Injection date: 11/3/2020 2:00:35 PM
Data file: C:\Chem32\1\Data\03Nov20\31.D	Analyst: Abbott <i>Abbott</i>

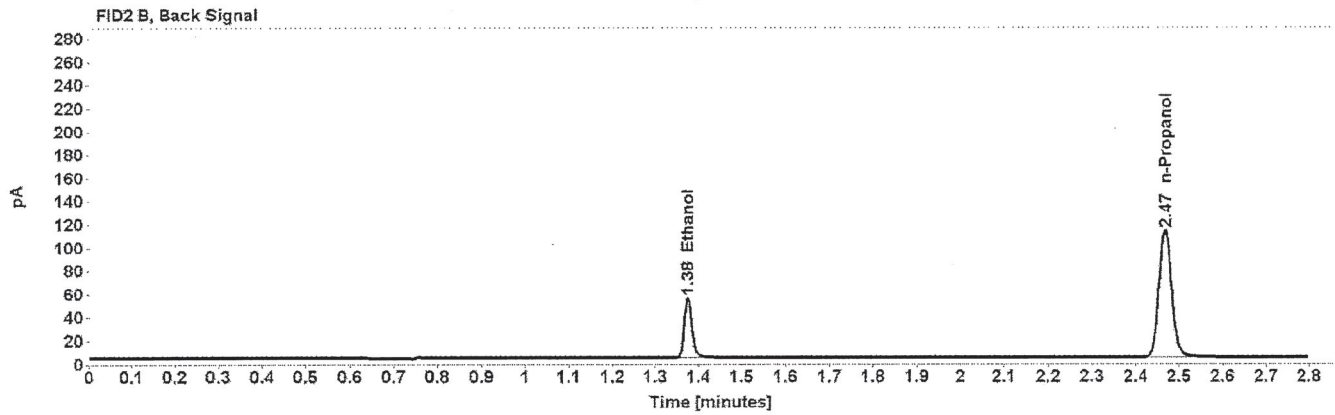
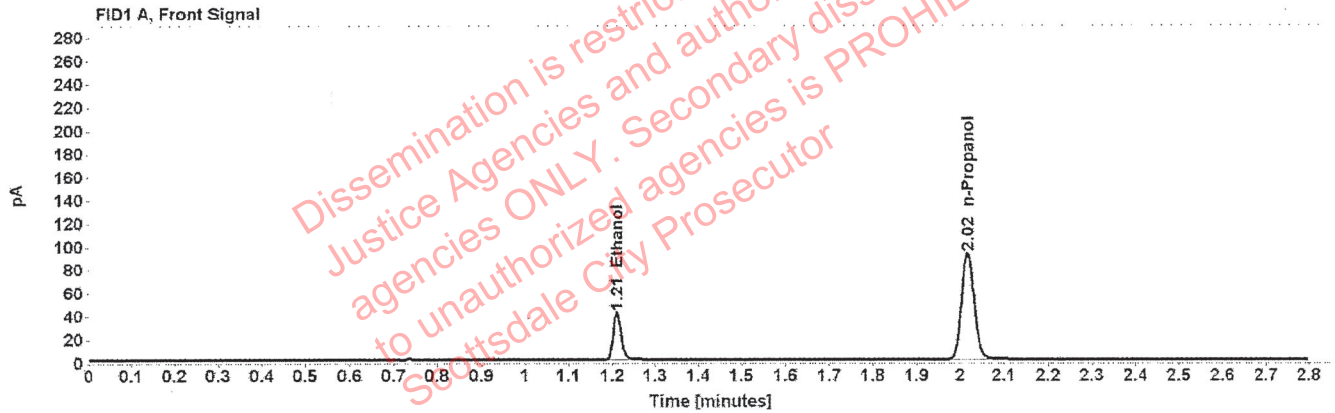


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0813	1.211	52.412
n-Propanol	-----	2.016	183.714

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

Compound	Time (min)	Peak Area
Ethanol	1.375	65.110
n-Propanol	2.468	224.505

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 42
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 03Nov20
Instrument: US14173023 CN14160045	Injection date: 11/3/2020 2:44:50 PM
Data file: C:\Chem32\1\Data\03Nov20\42.D	Analyst: Abbott <i>ph</i>

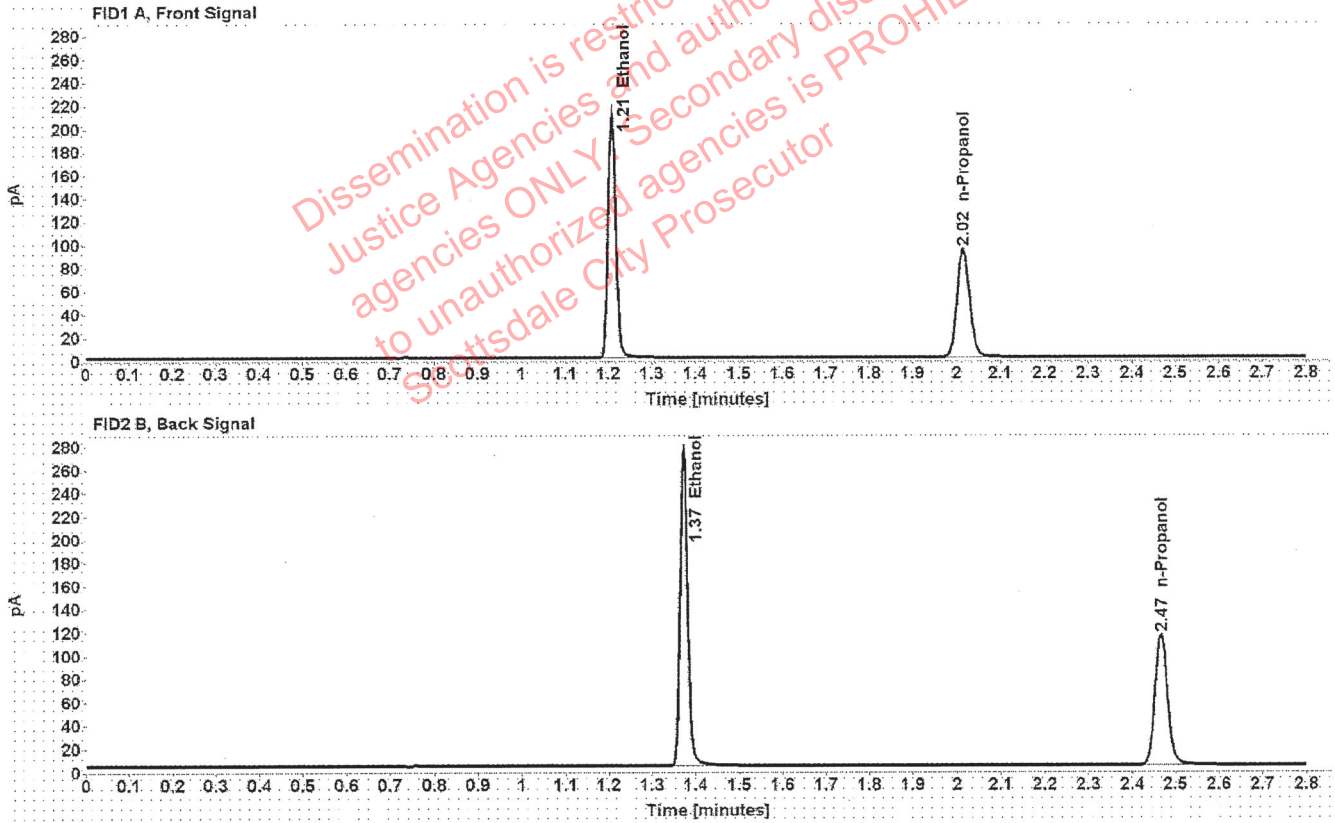


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4052	1.208	268.359
n-Propanol	-----	2.015	186.821

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

Compound	Time (min)	Peak Area
Ethanol	1.373	335.911
n-Propanol	2.466	229.233

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 14082019-B	<b>Vial:</b> 43
<b>Description:</b> 0.040	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 03Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/3/2020 2:49:05 PM
<b>Data file:</b> C:\Chem32\1\Data\03Nov20\43.D	<b>Analyst:</b> Abbott <i>bl</i>

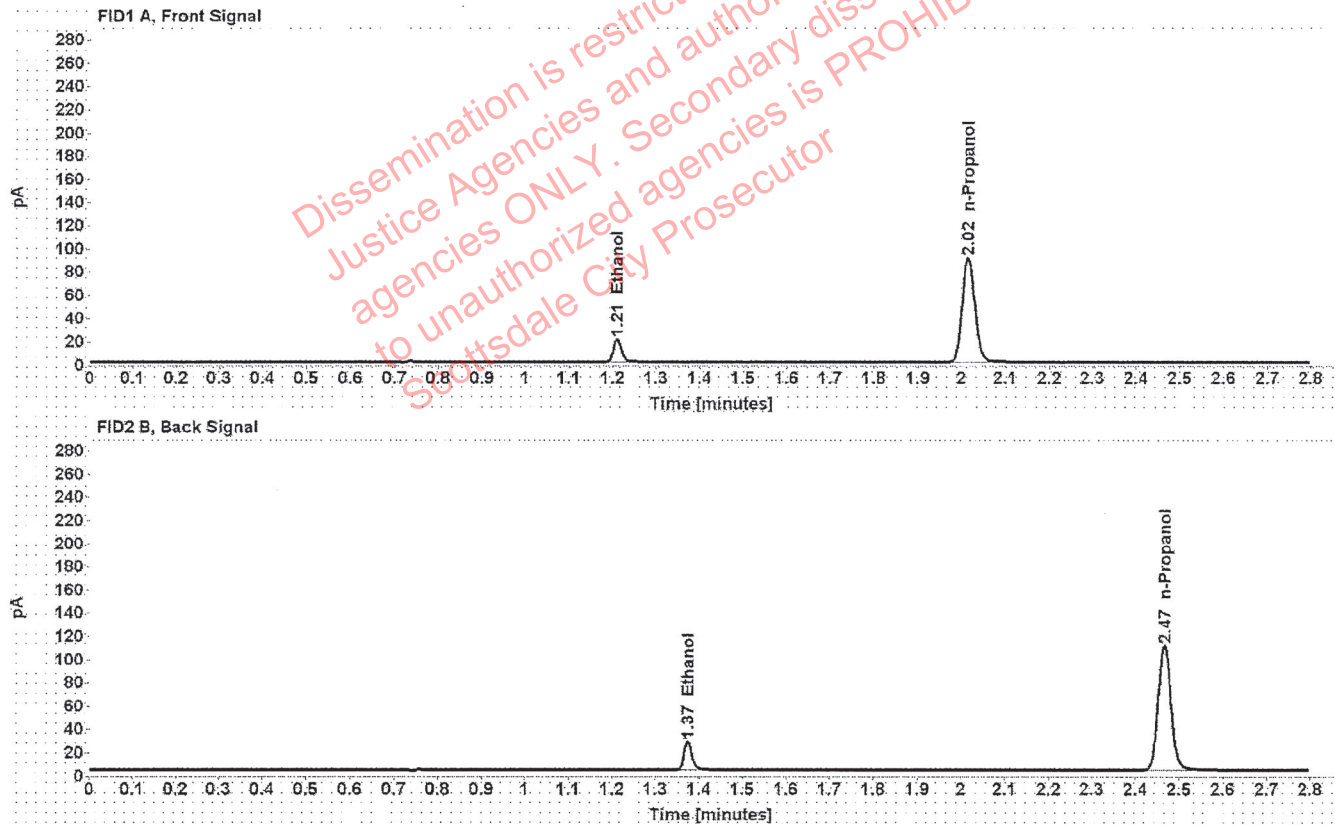


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0406	1.211	25.307
n-Propanol	-----	2.015	179.998

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

Compound	Time (min)	Peak Area
Ethanol	1.374	31.311
n-Propanol	2.466	220.263

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 407041529/13	<b>Vial:</b> 44
<b>Description:</b> 0.198	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 03Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/3/2020 2:53:05 PM
<b>Data file:</b> C:\Chem32\1\Data\03Nov20\44.D	<b>Analyst:</b> Abbott <i>AB</i>

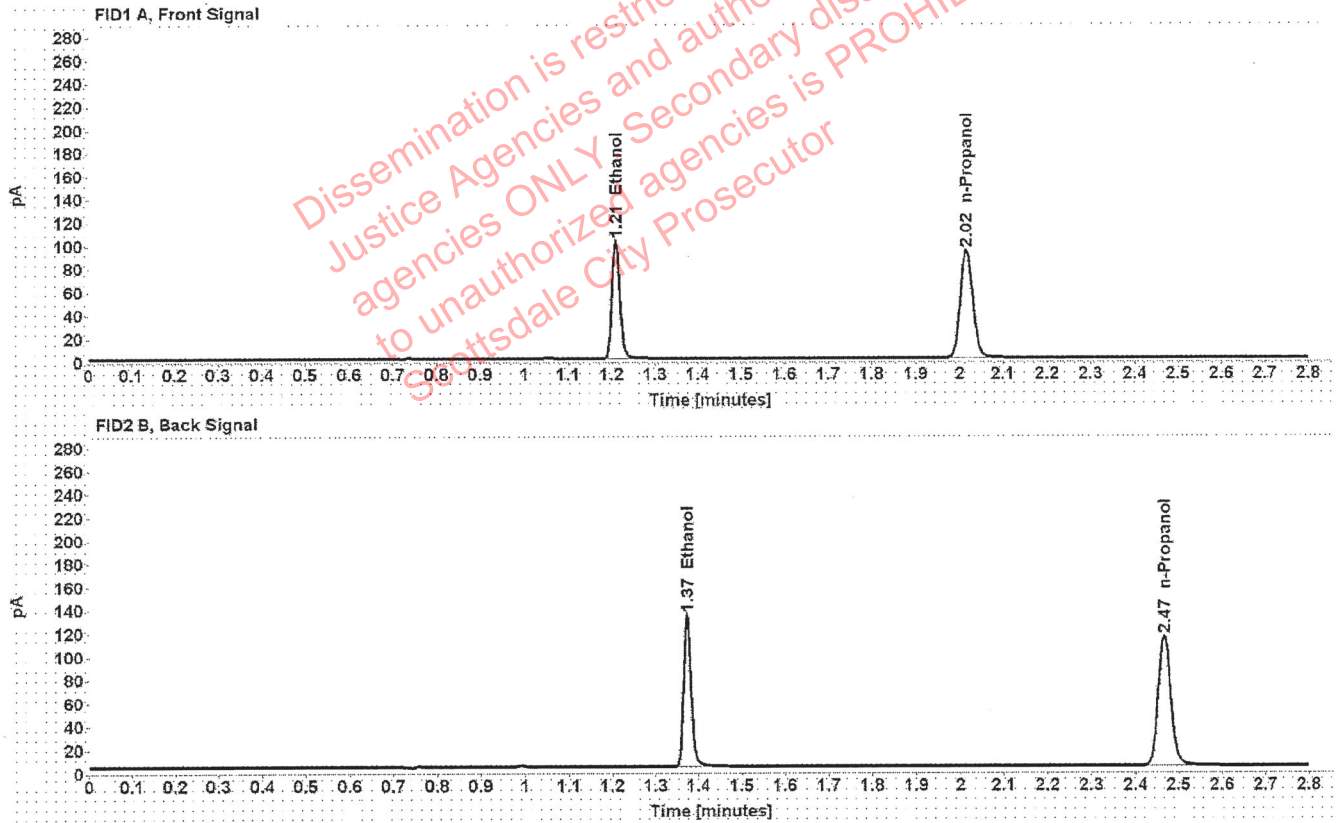


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1983	1.209	130.586
n-Propanol	-----	2.015	186.228

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

Compound	Time (min)	Peak Area
Ethanol	1.373	163.303
n-Propanol	2.467	228.034



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 040919WB	<b>Vial:</b> 45
<b>Description:</b> Negative	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 03Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/3/2020 2:57:04 PM
<b>Data file:</b> C:\Chem32\1\Data\03Nov20\45.D	<b>Analyst:</b> Abbott <i>JA</i>

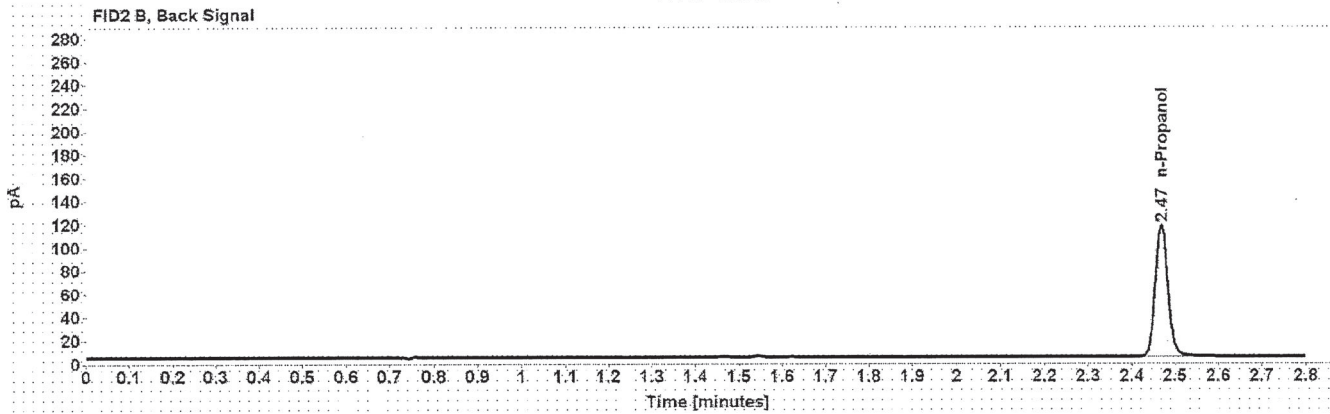
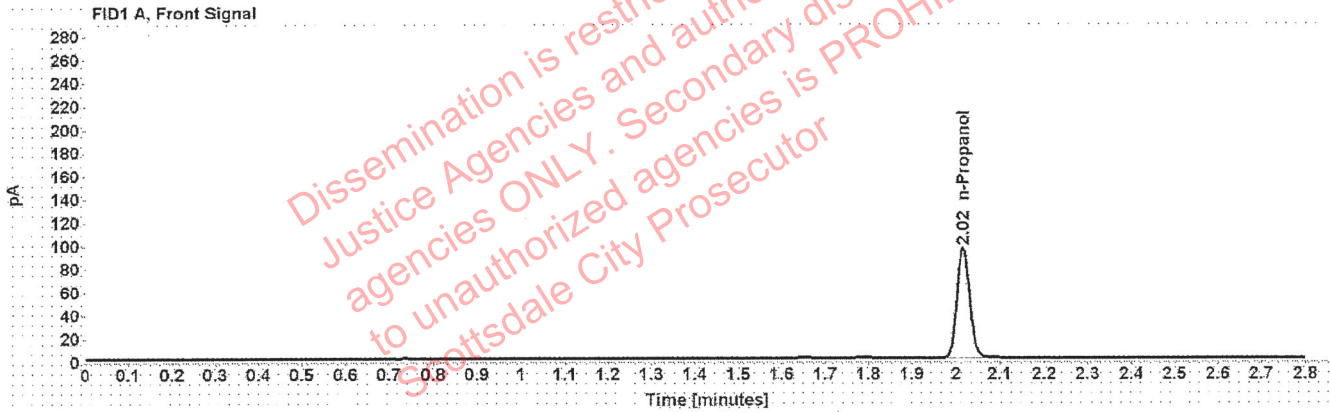


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	190.040

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	232.774

# Sequence Summary

Sequence name: 03Nov20      Instrument: US14173023 CN14160045      Analyst: Abbott *ca*

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	071420AQ	Negative	Control		ethanol quant.M
6	070819MIX	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	407041529/13	0.198	Control		ethanol quant.M
10	32701RB		Sample		ethanol quant.M
11	32701RB		Sample		ethanol quant.M
12	32701SK		Sample		ethanol quant.M
13	32701SK		Sample		ethanol quant.M
14	33601FG		Sample		ethanol quant.M
15	33601FG		Sample		ethanol quant.M
16	32701DW		Sample		ethanol quant.M
17	32701DW		Sample		ethanol quant.M
18	35301JA		Sample		ethanol quant.M
19	35301JA		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	32701BB		Sample		ethanol quant.M
22	32701BB		Sample		ethanol quant.M
23	33801RH		Sample		ethanol quant.M
24	33801RH		Sample		ethanol quant.M
25	33601HP		Sample		ethanol quant.M
26	33601HP		Sample		ethanol quant.M
27	1307037		Sample		ethanol quant.M
28	1307037		Sample		ethanol quant.M
29	1343448		Sample		ethanol quant.M
30	1343448		Sample		ethanol quant.M
31	03102016-A/1	0.080	Control		ethanol quant.M
32	1330556		Sample		ethanol quant.M
33	1330556		Sample		ethanol quant.M
34	1344497		Sample		ethanol quant.M
35	1344497		Sample		ethanol quant.M
36	1341842		Sample		ethanol quant.M
37	1341842		Sample		ethanol quant.M
38	1344347		Sample		ethanol quant.M
39	1344347		Sample		ethanol quant.M
40	1344113		Sample		ethanol quant.M
41	1344113		Sample		ethanol quant.M
42	11092018-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	407041529/13	0.198	Control		ethanol quant.M
45	040919WB	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: 03Nov20

ANALYST: Abbott *OR*

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2856	0.2816	0.28360	0.71	0.00200
12 13	0.1520	0.1530	0.15250	0.33	0.00050
14 15	0.1871	0.1876	0.18735	0.13	0.00025
16 17	0.1032	0.1029	0.10305	0.15	0.00015
18 19	0.2024	0.2010	0.20170	0.35	0.00070
21 22	0.1697	0.1700	0.16985	0.09	0.00015
23 24	0.1443	0.1444	0.14435	0.03	0.00005
25 26	0.1982	0.1972	0.19770	0.25	0.00050
27 28	0.1402	0.1430	0.14160	0.99	0.00140
29 30	0.2126	0.2123	0.21245	0.07	0.00015
32 33	0.2217	0.2209	0.22130	0.18	0.00040
34 35	0.1080	0.1066	0.10730	0.65	0.00070
36 37	0.2148	0.2178	0.21630	0.69	0.00150
38 39	0.1372	0.1383	0.13775	0.40	0.00055
40 41	0.1504	0.1489	0.14965	0.50	0.00075

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



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701RB	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 12:35:34 PM
Data file:	C:\Chem32\1\Data\03Nov20\10.D	Analyst:	Abbott

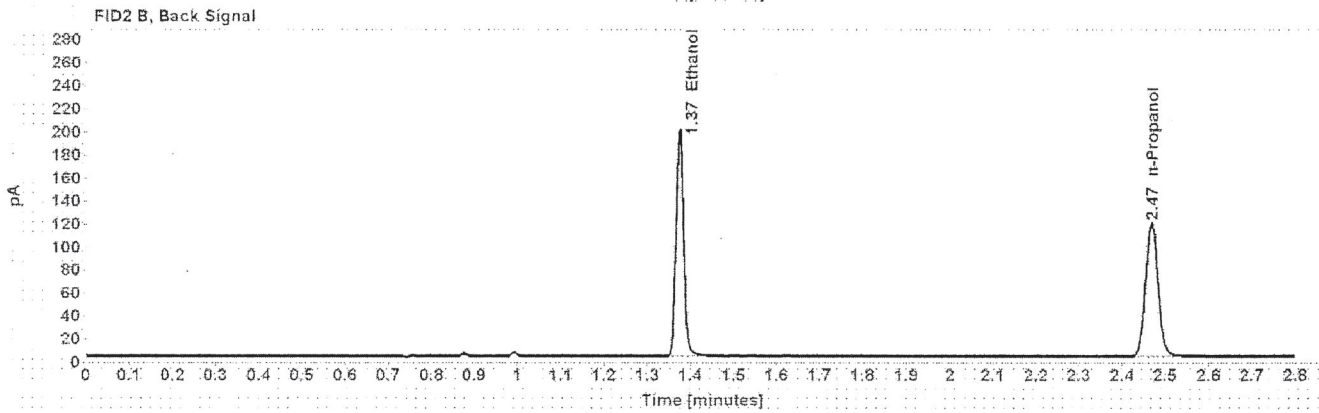
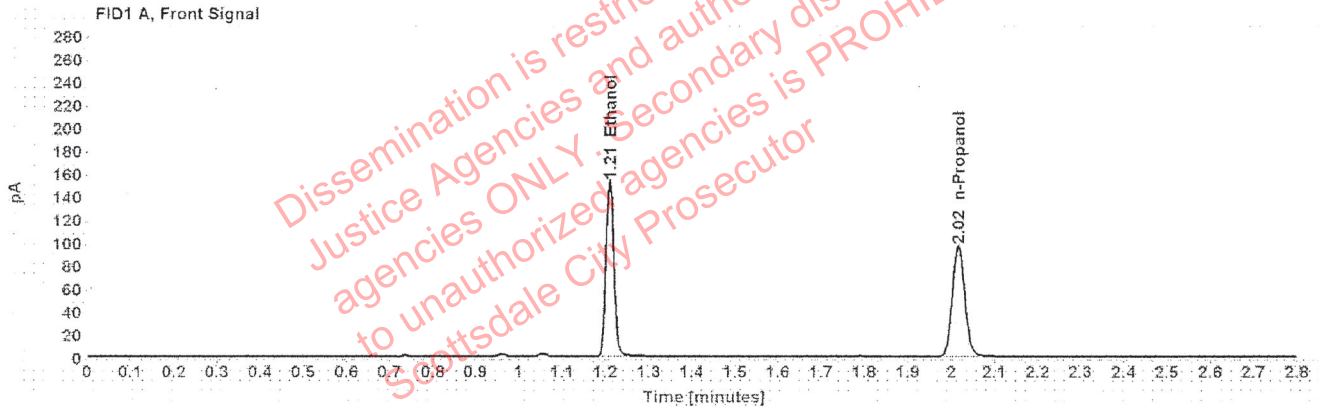


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2856	1.210	194.101
n-Propanol	-----	2.016	191.913

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

Compound	Time (min)	Peak Area
Ethanol	1.374	244.366
n-Propanol	2.468	236.020

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701RB	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 12:39:35 PM
Data file:	C:\Chem32\1\Data\03Nov20\11.D	Analyst:	Abbott

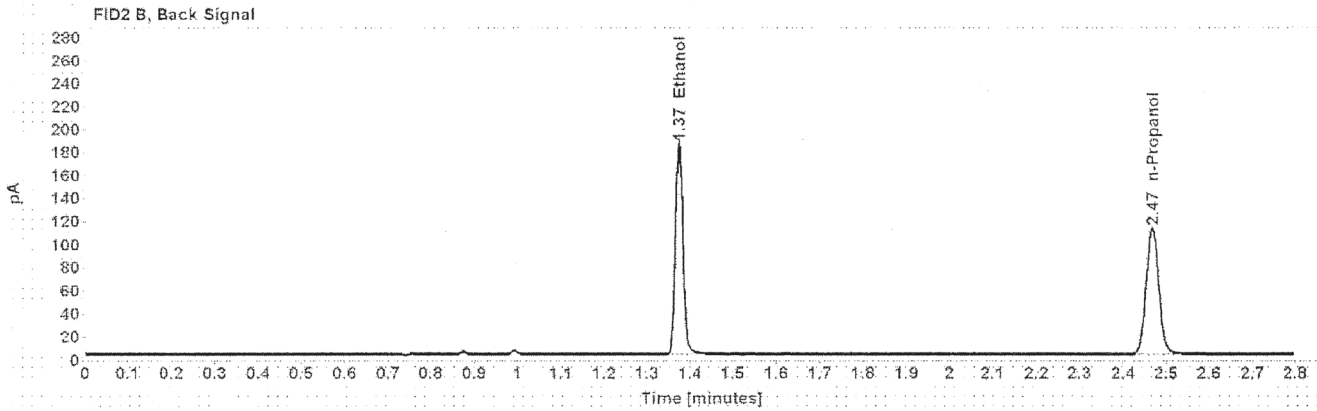
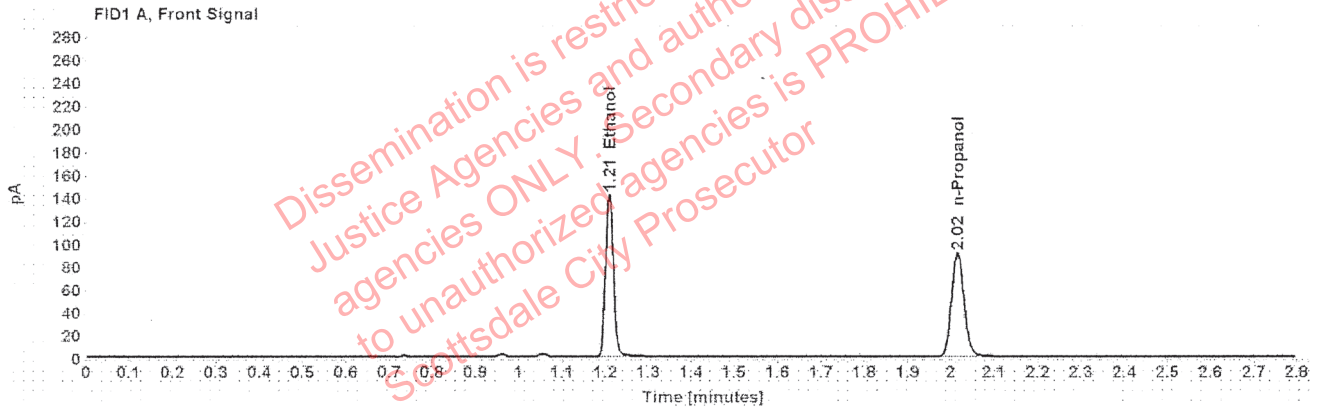


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2816	1.209	180.641
n-Propanol	-----	2.015	181.141

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

Compound	Time (min)	Peak Area
Ethanol	1.374	227.499
n-Propanol	2.467	222.813

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 32701SK	Vial: 12
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 03Nov20
Instrument: US14173023 CN14160045	Injection date: 11/3/2020 12:43:35 PM
Data file: C:\Chem32\1\Data\03Nov20\12.D	Analyst: Abbott

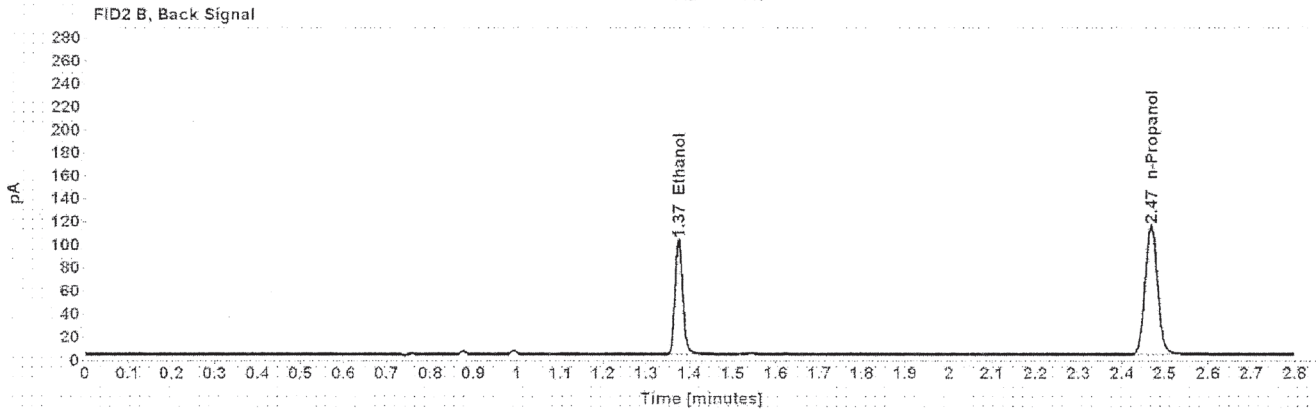
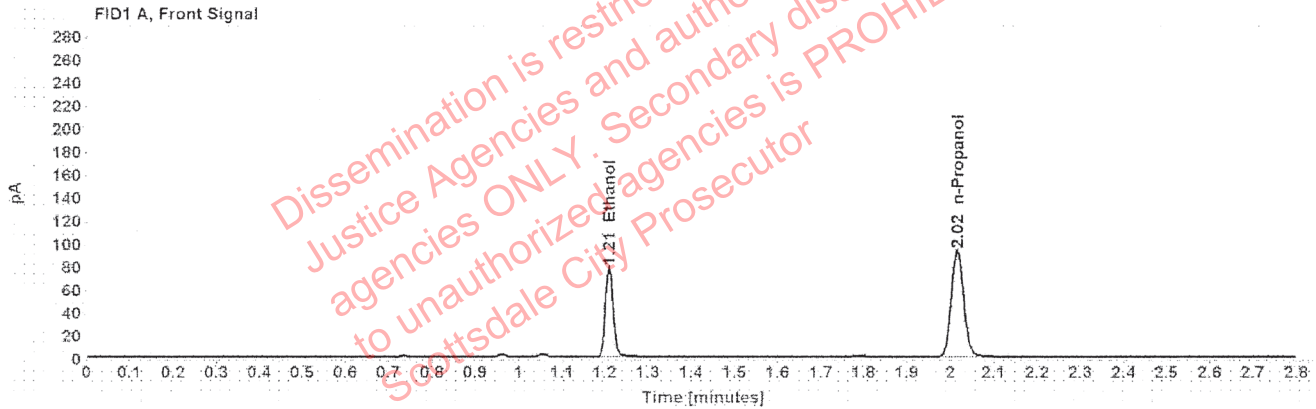


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1520	1.210	99.295
n-Propanol	-----	2.016	185.094

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

Compound	Time (min)	Peak Area
Ethanol	1.375	123.726
n-Propanol	2.468	227.245

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701SK	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 12:47:49 PM
Data file:	C:\Chem32\1\Data\03Nov20\13.D	Analyst:	Abbott

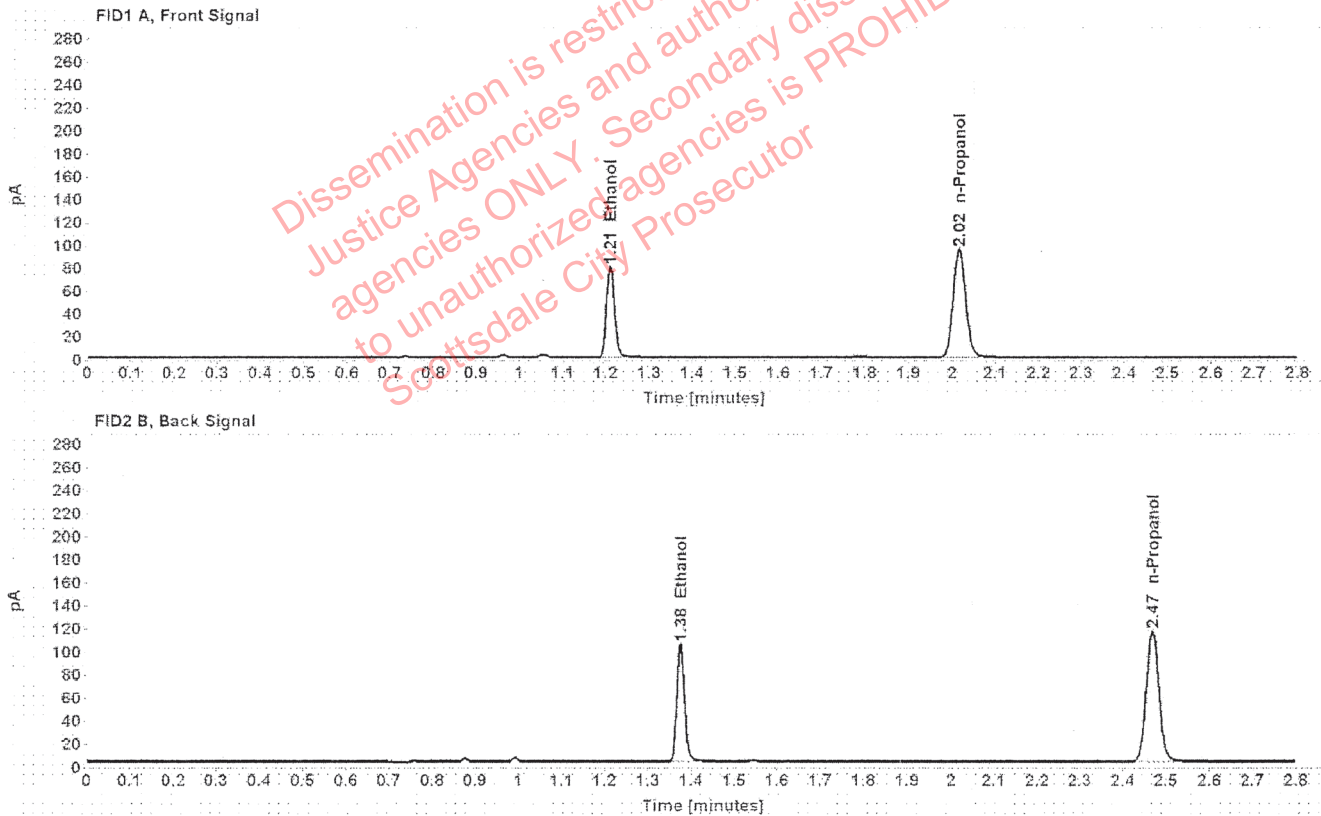


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1530	1.210	102.063
n-Propanol	-----	2.016	188.943

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

Compound	Time (min)	Peak Area
Ethanol	1.375	126.840
n-Propanol	2.468	231.789



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33601FG	Vial:	14
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 12:51:50 PM
Data file:	C:\Chem32\1\Data\03Nov20\14.D	Analyst:	Abbott

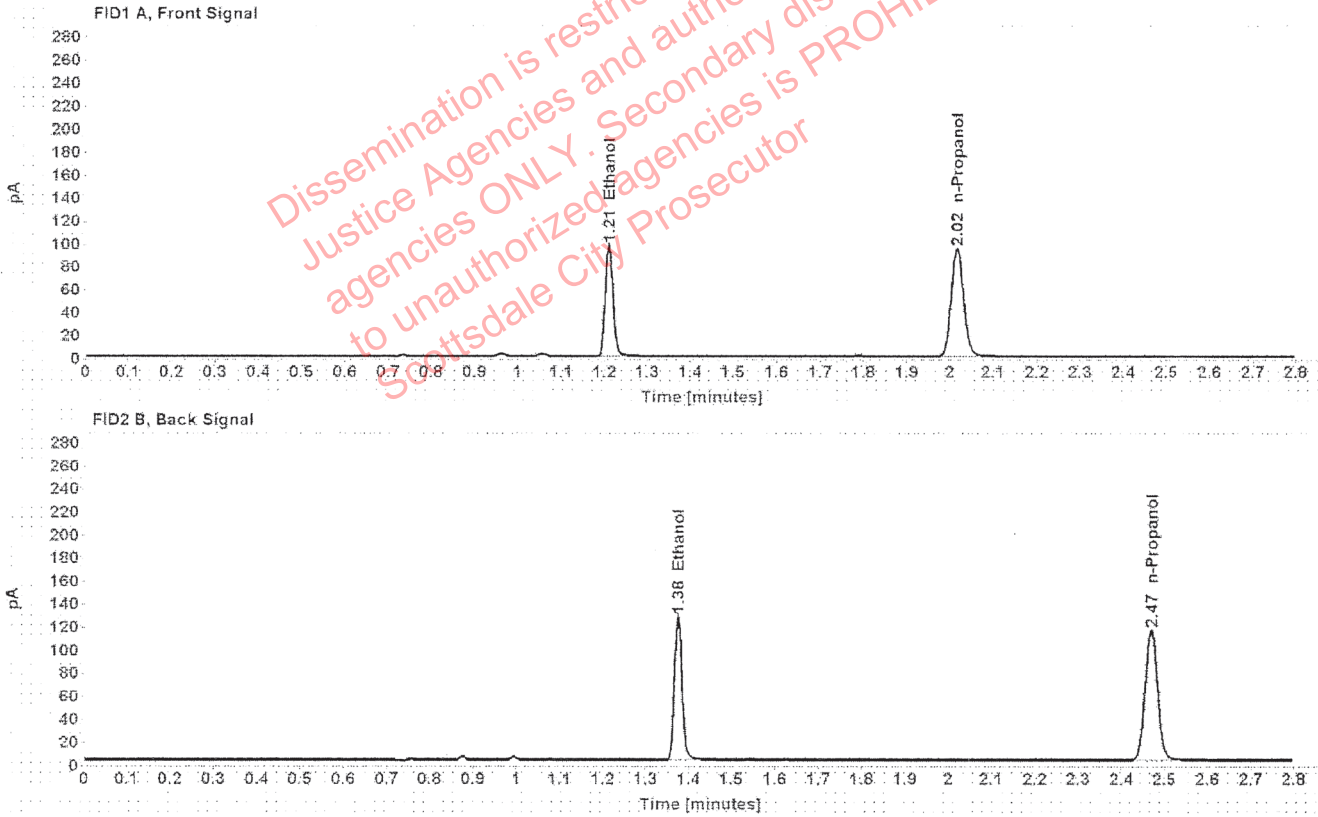


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1871	1.210	123.852
n-Propanol	-----	2.016	187.308

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

Compound	Time (min)	Peak Area
Ethanol	1.375	155.852
n-Propanol	2.468	229.897

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33601FG	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 12:55:50 PM
Data file:	C:\Chem32\1\Data\03Nov20\15.D	Analyst:	Abbott

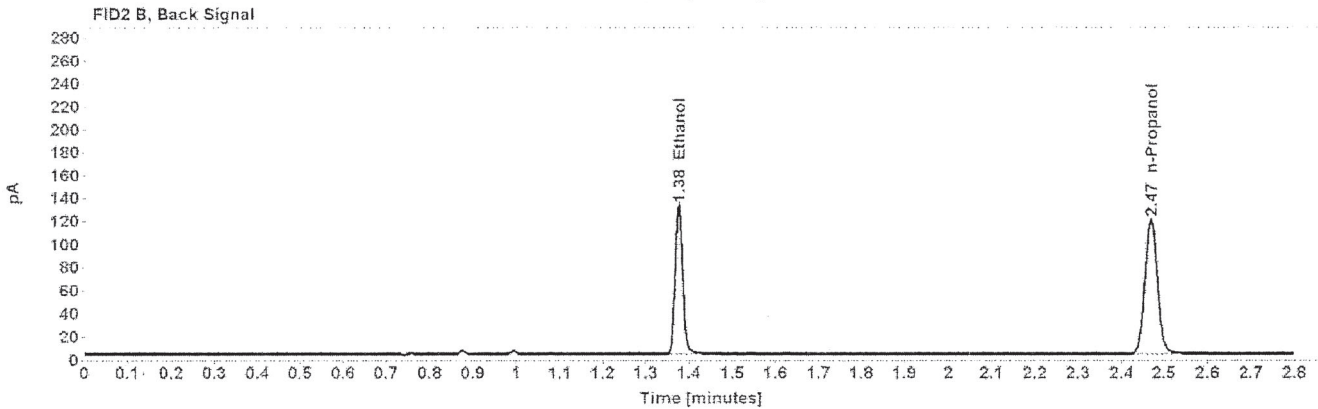
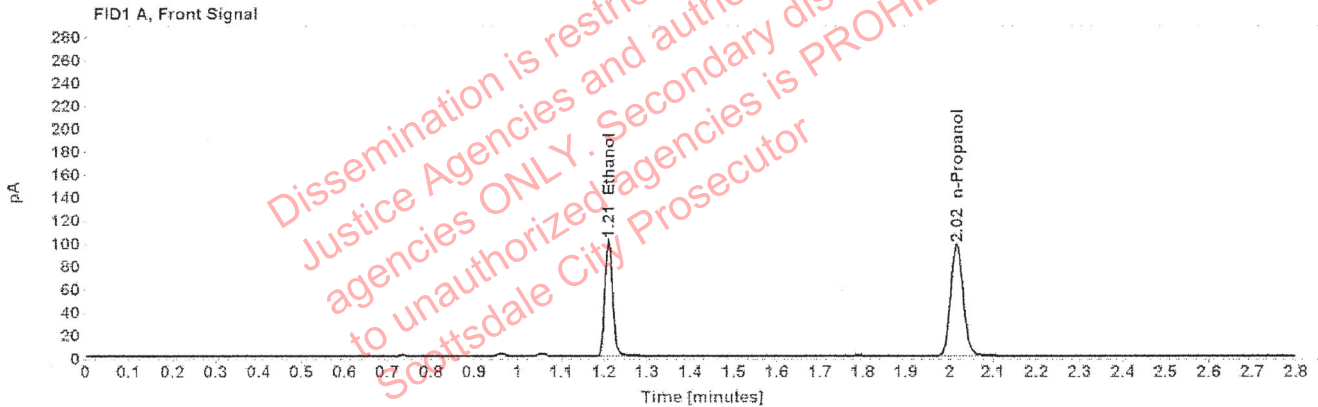


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1876	1.210	128.450
n-Propanol	-----	2.016	193.687

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

Compound	Time (min)	Peak Area
Ethanol	1.375	161.803
n-Propanol	2.468	237.872

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701DW	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 12:59:50 PM
Data file:	C:\Chem32\1\Data\03Nov20\16.D	Analyst:	Abbott

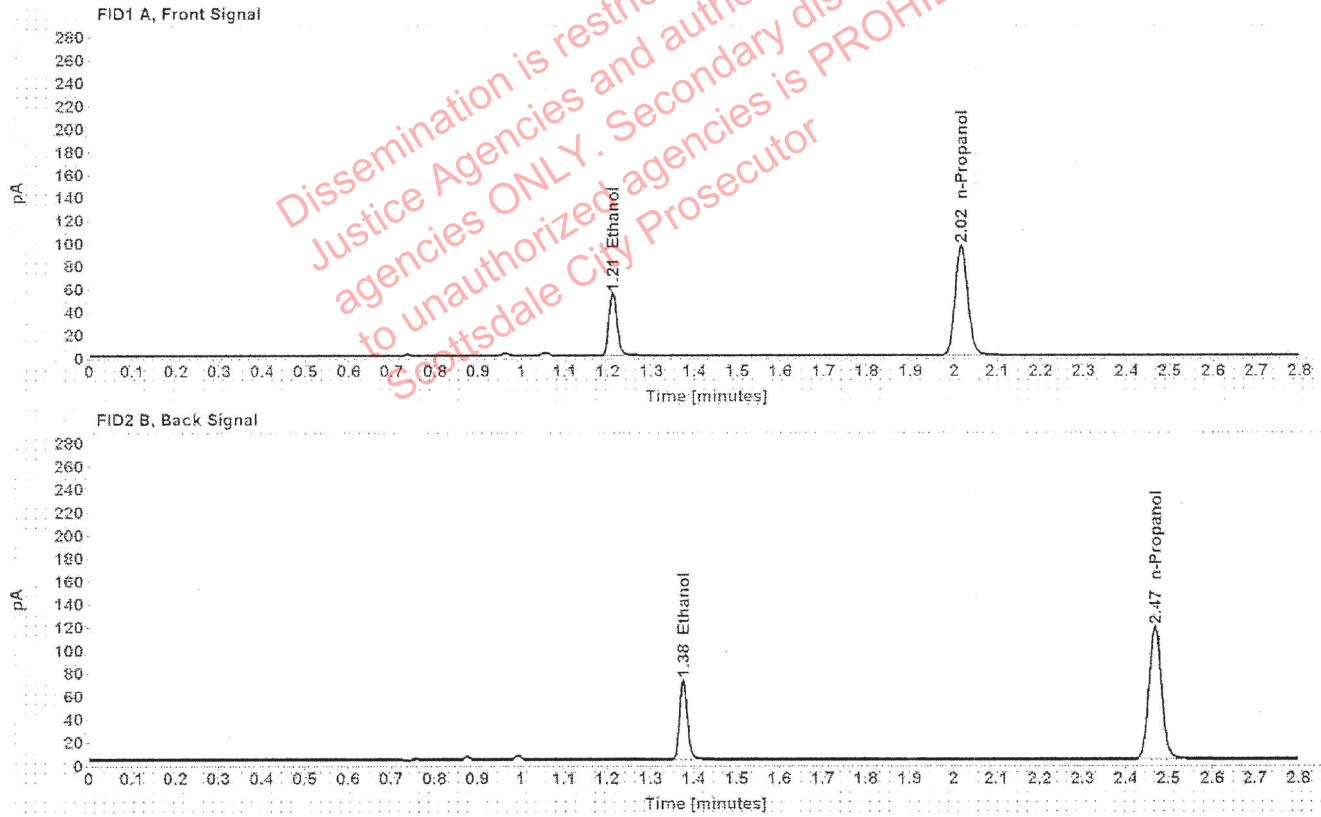


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1032	1.211	69.381
n-Propanol	-----	2.016	191.052

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

Compound	Time (min)	Peak Area
Ethanol	1.375	86.144
n-Propanol	2.468	234.524

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701DW	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 1:03:50 PM
Data file:	C:\Chem32\1\Data\03Nov20\17.D	Analyst:	Abbott

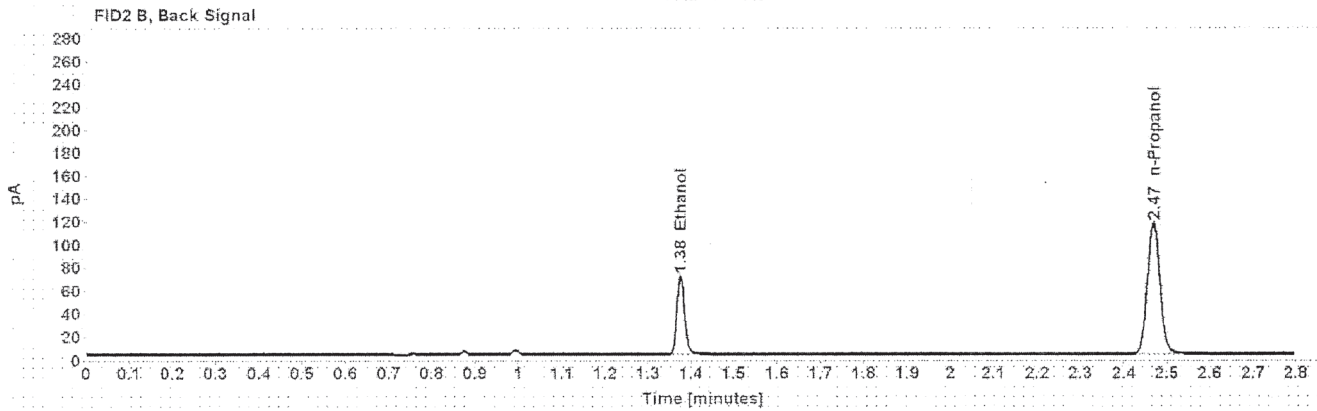
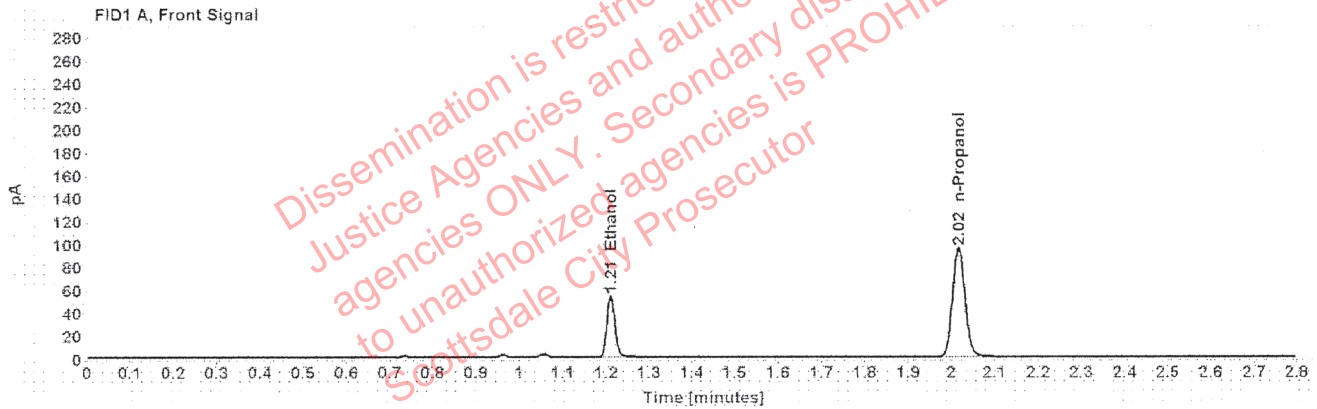


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1029	1.211	68.586
n-Propanol	-----	2.016	189.367

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

Compound	Time (min)	Peak Area
Ethanol	1.375	85.070
n-Propanol	2.468	232.265

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	35301JA	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 1:07:49 PM
Data file:	C:\Chem32\1\Data\03Nov20\18.D	Analyst:	Abbott

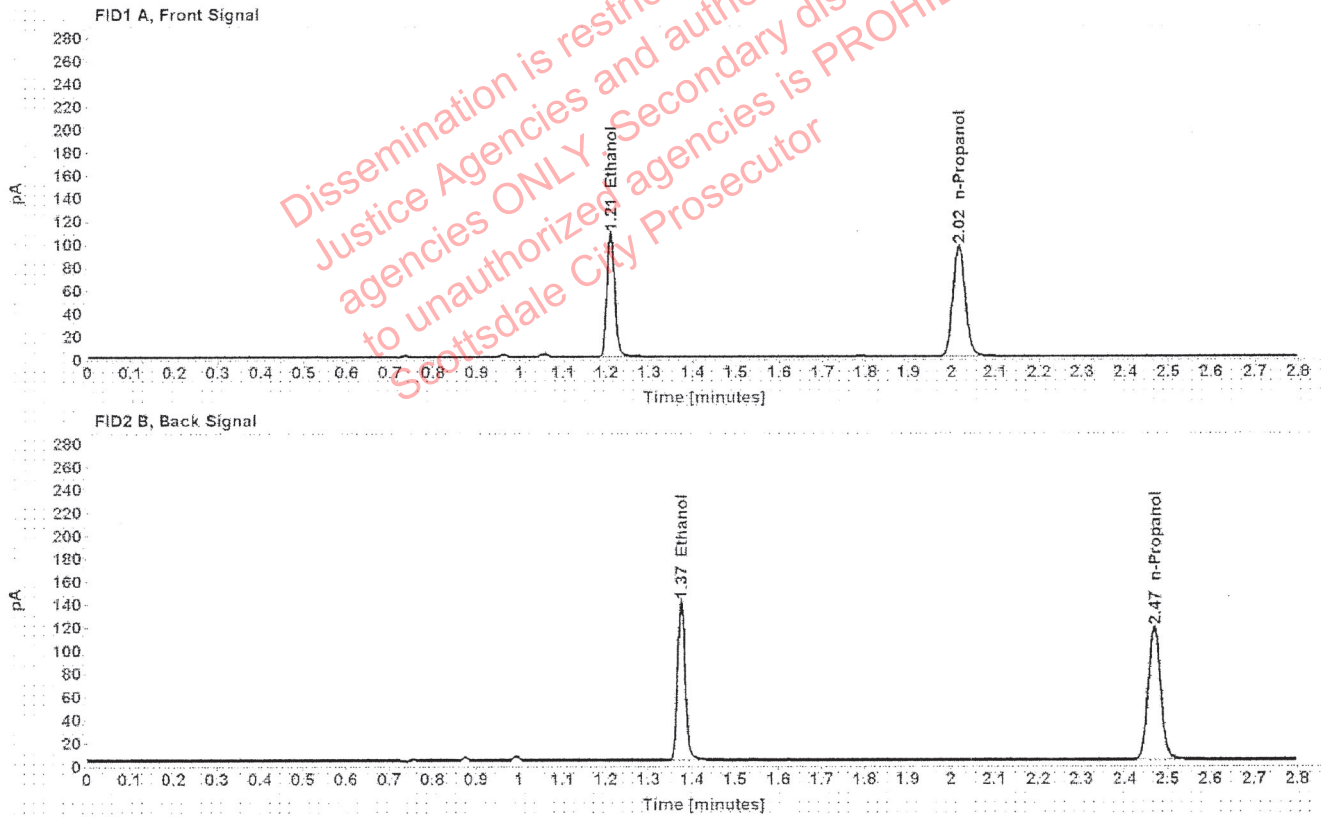


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2024	1.210	136.464
n-Propanol	-----	2.016	190.655

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

Compound	Time (min)	Peak Area
Ethanol	1.375	171.607
n-Propanol	2.468	234.156

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	35301JA	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 1:12:05 PM
Data file:	C:\Chem32\1\Data\03Nov20\19.D	Analyst:	Abbott

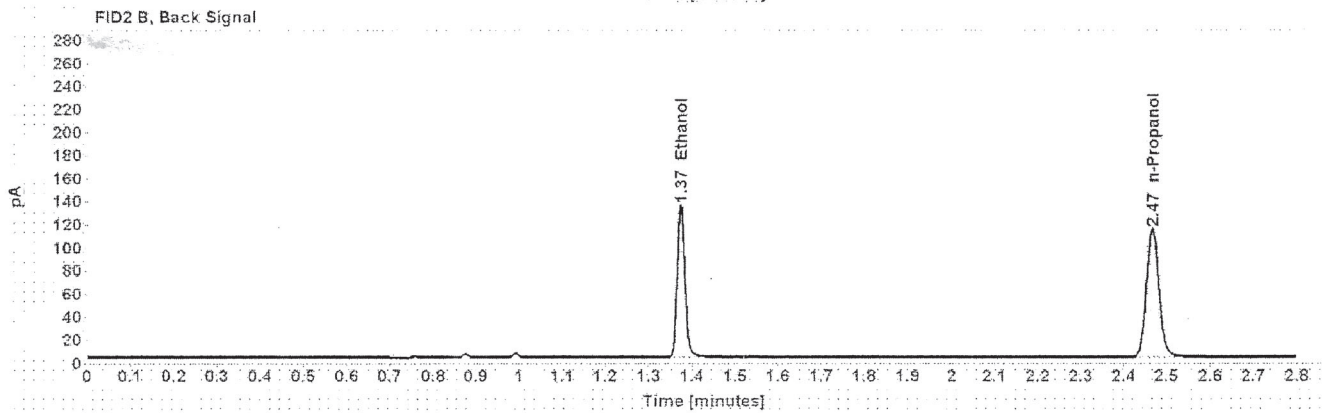
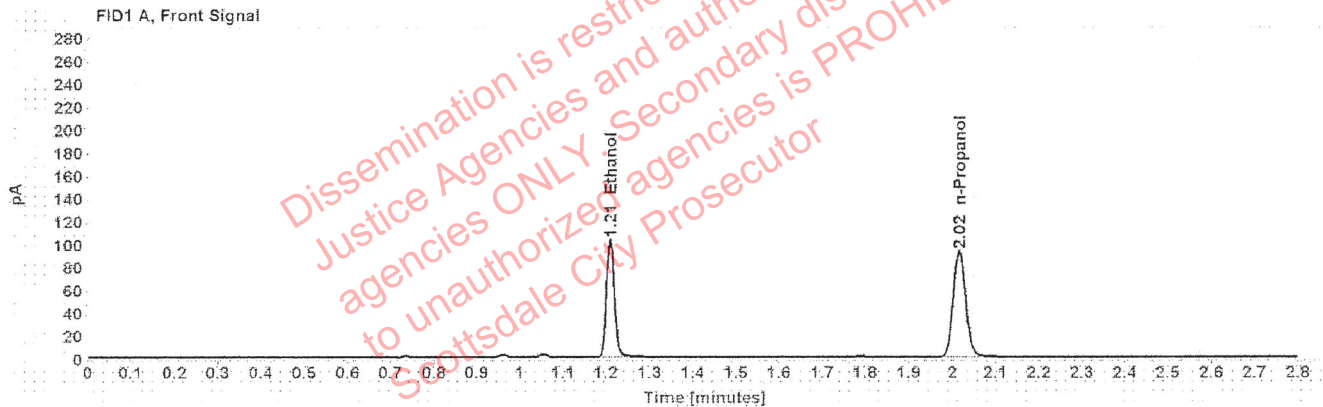


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2010	1.209	131.386
n-Propanol	-----	2.016	184.889

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

Compound	Time (min)	Peak Area
Ethanol	1.374	165.289
n-Propanol	2.467	226.945

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701BB	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 1:20:04 PM
Data file:	C:\Chem32\1\Data\03Nov20\21.D	Analyst:	Abbott

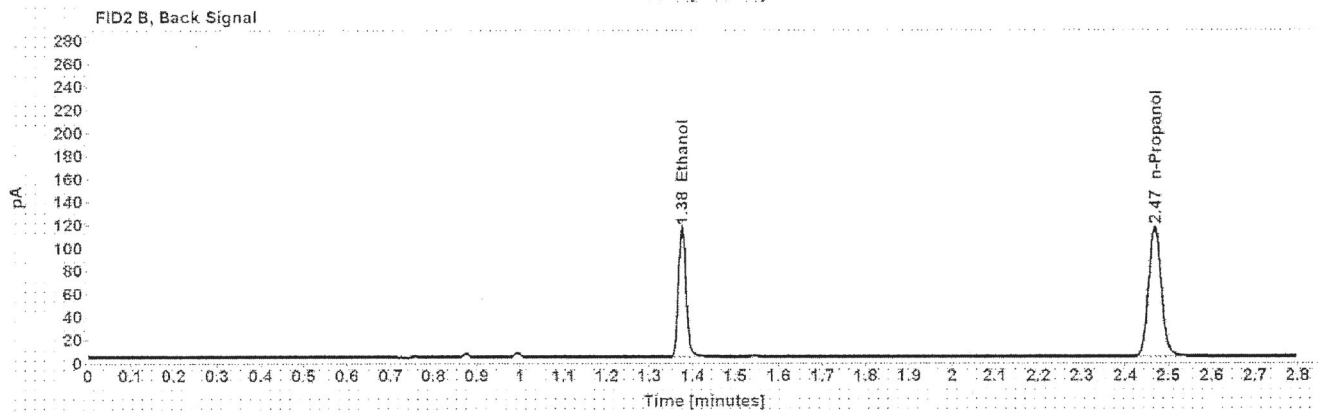
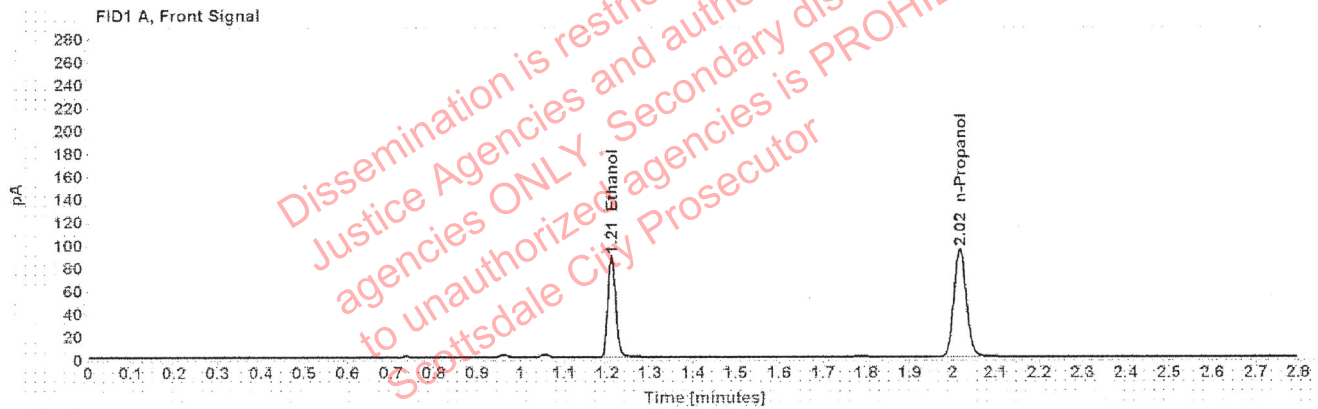


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1697	1.210	112.585
n-Propanol	-----	2.016	187.840

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

Compound	Time (min)	Peak Area
Ethanol	1.375	140.201
n-Propanol	2.468	230.646

Case: User: labbott 11/3/2020

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701BB	Vial:	22
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 1:24:05 PM
Data file:	C:\Chem32\1\Data\03Nov20\22.D	Analyst:	Abbott

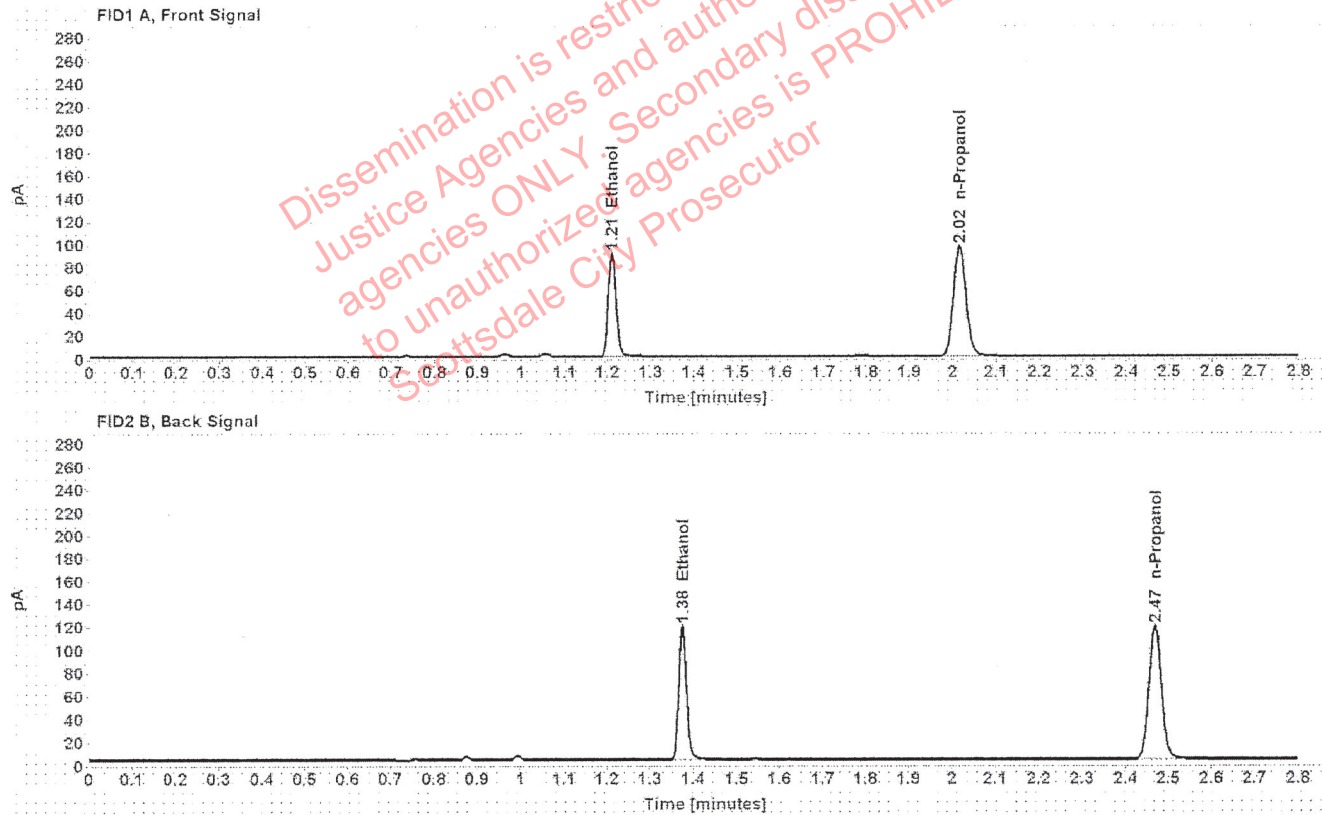


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1700	1.210	115.647
n-Propanol	-----	2.016	192.608

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

Compound	Time (min)	Peak Area
Ethanol	1.375	144.264
n-Propanol	2.468	236.694



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801RH	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 1:28:04 PM
Data file:	C:\Chem32\1\Data\03Nov20\23.D	Analyst:	Abbott

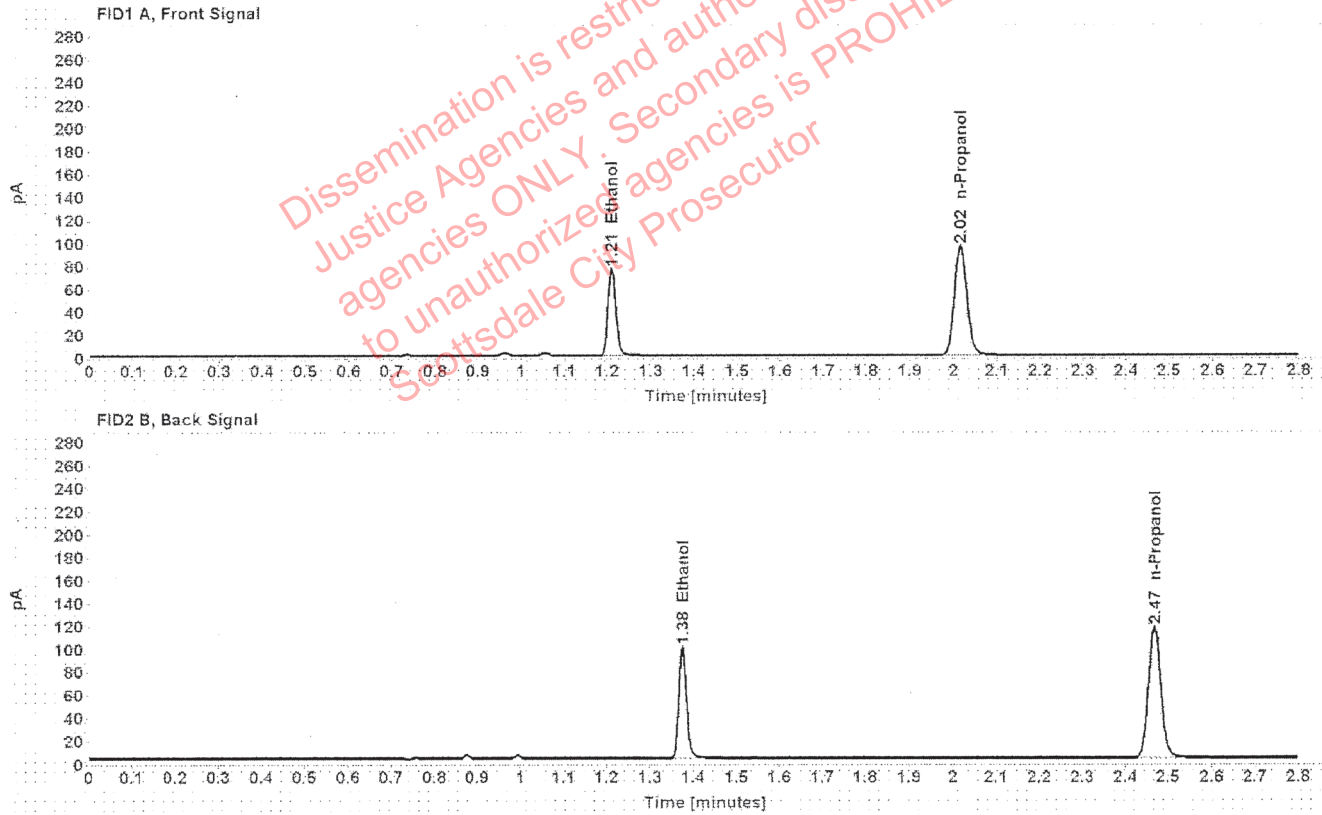


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1443	1.210	96.741
n-Propanol	-----	2.016	189.977

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

Compound	Time (min)	Peak Area
Ethanol	1.375	120.416
n-Propanol	2.468	233.190

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801RH	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 1:32:04 PM
Data file:	C:\Chem32\1\Data\03Nov20\24.D	Analyst:	Abbott

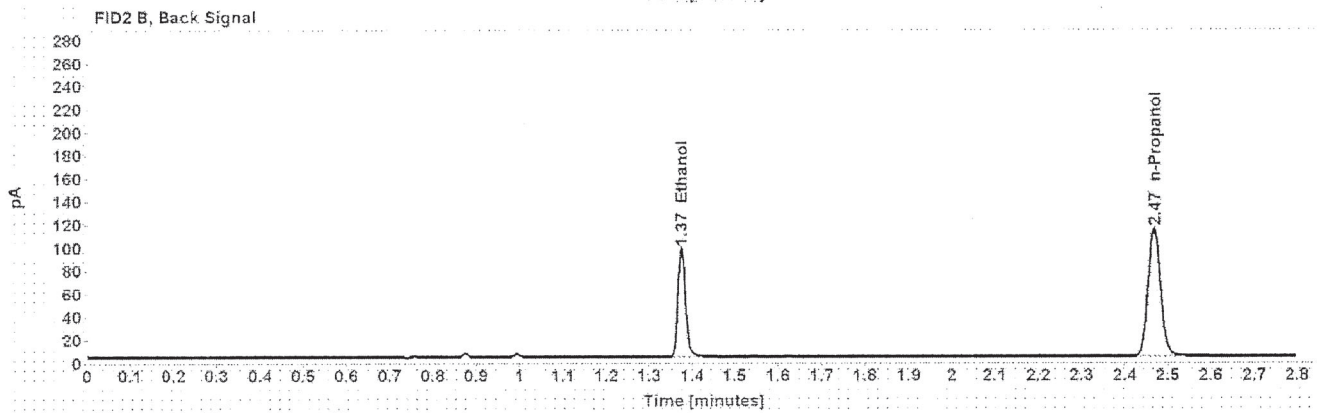
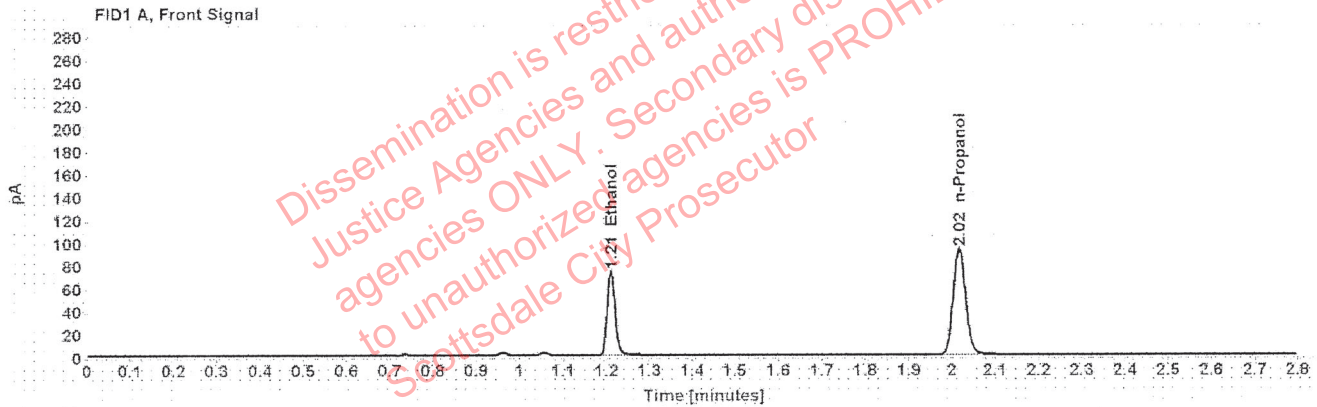


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1444	1.210	94.319
n-Propanol	-----	2.016	185.123

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

Compound	Time (min)	Peak Area
Ethanol	1.375	117.127
n-Propanol	2.468	227.034

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33601HP	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 1:36:20 PM
Data file:	C:\Chem32\1\Data\03Nov20\25.D	Analyst:	Abbott

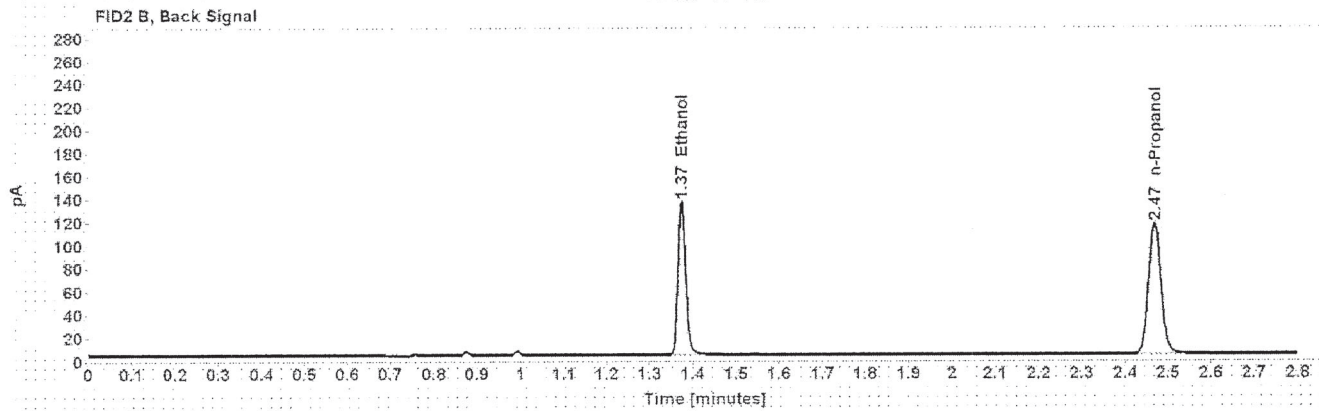
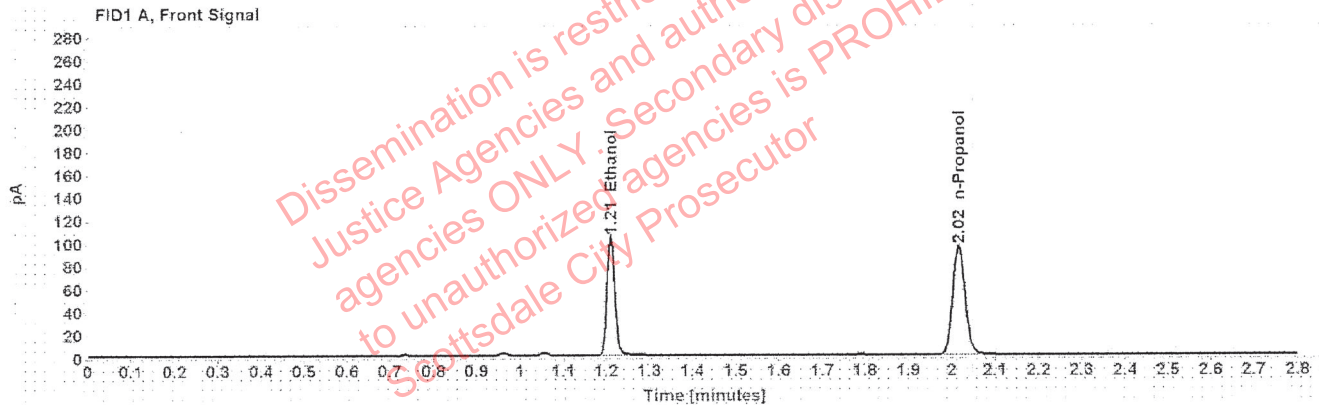


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1982	1.210	132.363
n-Propanol	-----	2.016	188.914

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

Compound	Time (min)	Peak Area
Ethanol	1.375	164.606
n-Propanol	2.468	231.784

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33601HP	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 1:40:19 PM
Data file:	C:\Chem32\1\Data\03Nov20\26.D	Analyst:	Abbott

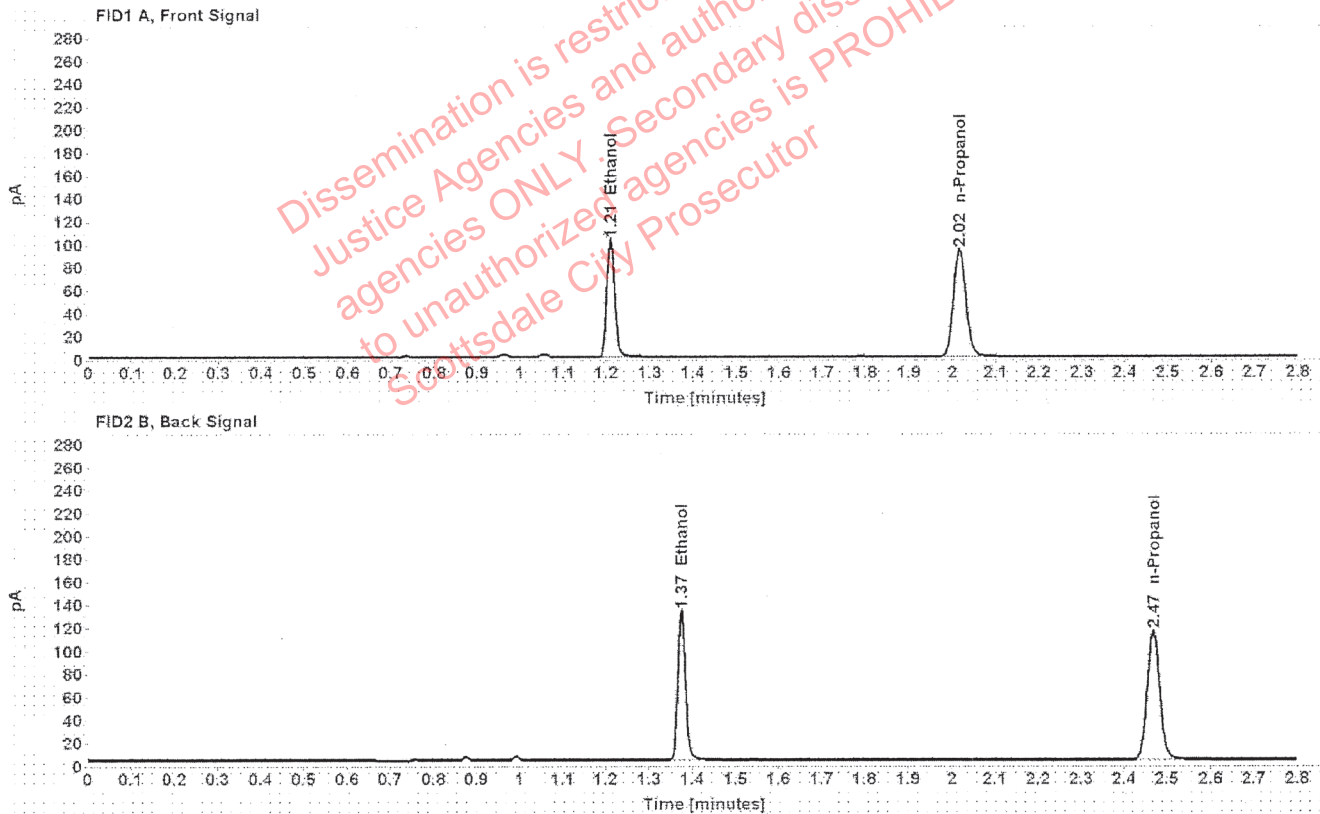


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1972	1.210	129.818
n-Propanol	-----	2.016	186.215

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

Compound	Time (min)	Peak Area
Ethanol	1.375	161.644
n-Propanol	2.468	228.305

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1307037	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 1:44:19 PM
Data file:	C:\Chem32\1\Data\03Nov20\27.D	Analyst:	Abbott

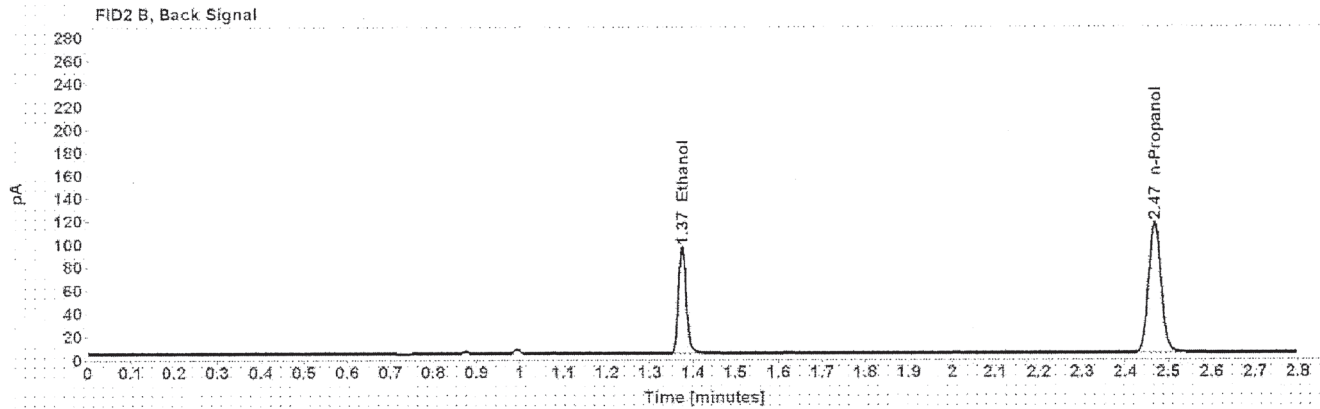
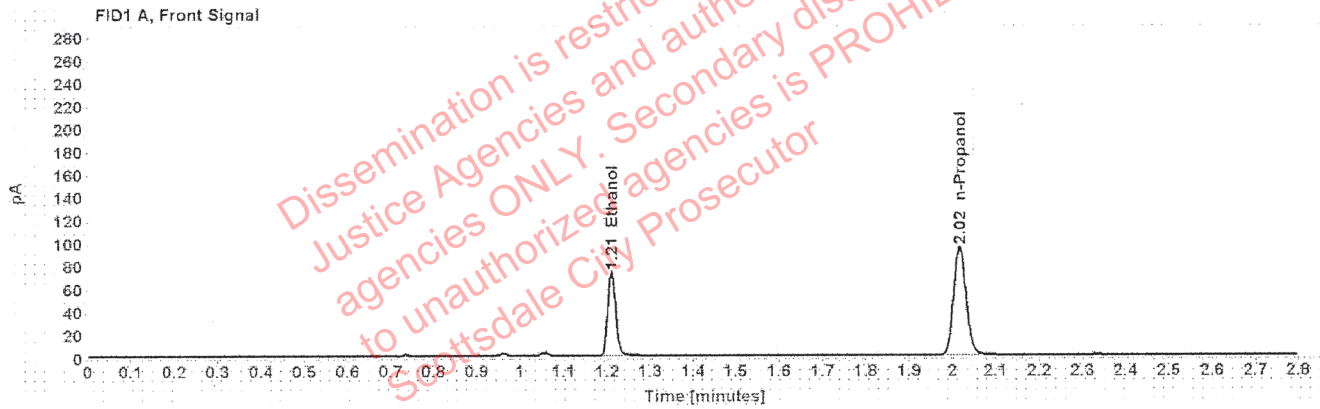


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1402	1.210	92.862
n-Propanol	-----	2.016	187.788

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

Compound	Time (min)	Peak Area
Ethanol	1.374	115.222
n-Propanol	2.467	230.462

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1307037	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 1:48:20 PM
Data file:	C:\Chem32\1\Data\03Nov20\28.D	Analyst:	Abbott

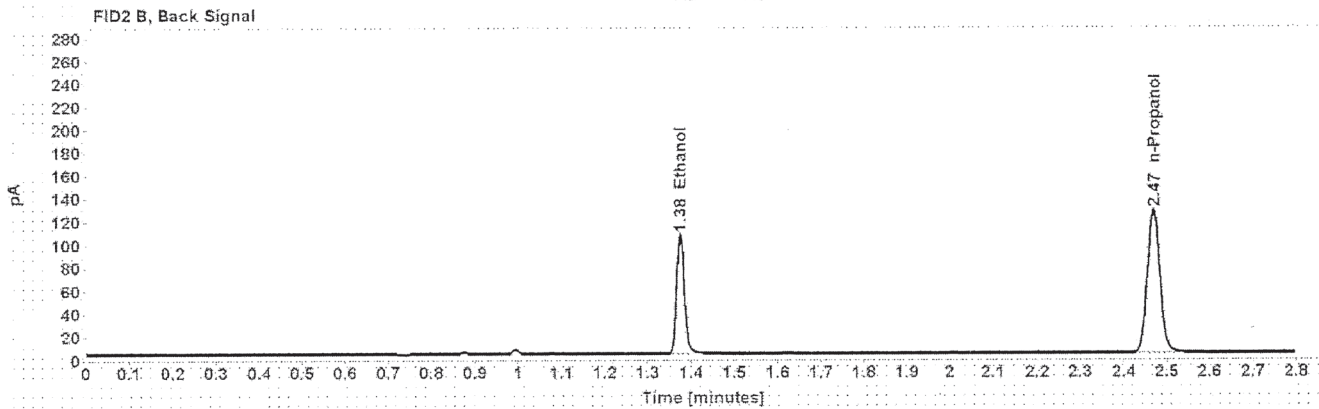
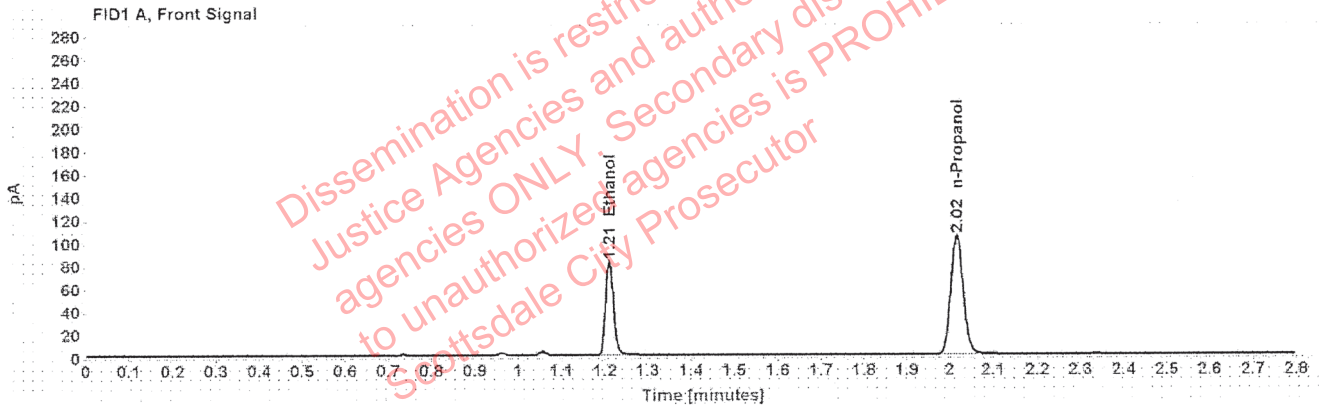


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1430	1.210	104.219
n-Propanol	-----	2.016	206.503

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

Compound	Time (min)	Peak Area
Ethanol	1.375	129.154
n-Propanol	2.468	253.928

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1343448	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 1:52:19 PM
Data file:	C:\Chem32\1\Data\03Nov20\29.D	Analyst:	Abbott

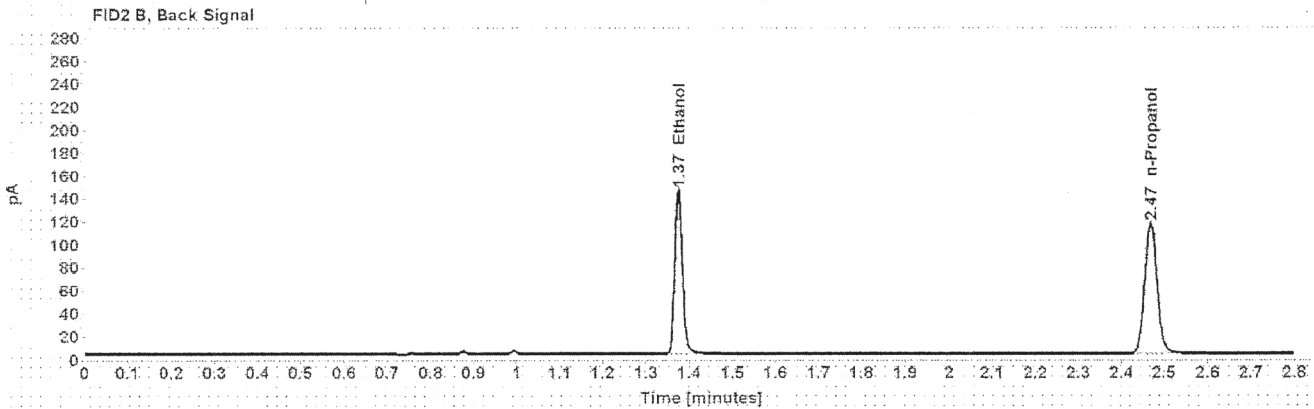
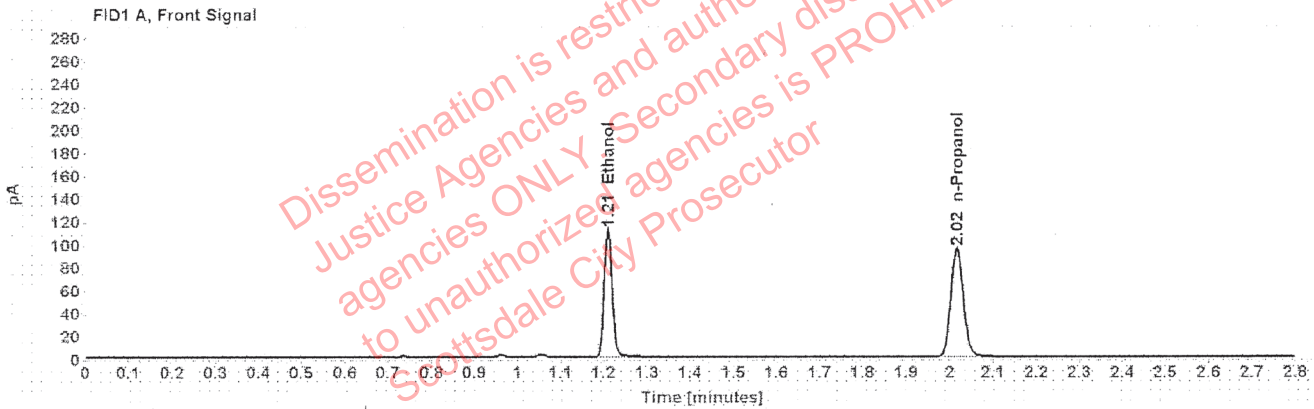


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2126	1.210	141.905
n-Propanol	-----	2.016	188.746

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

Compound	Time (min)	Peak Area
Ethanol	1.375	177.040
n-Propanol	2.468	230.973

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1343448	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 1:56:19 PM
Data file:	C:\Chem32\1\Data\03Nov20\30.D	Analyst:	Abbott

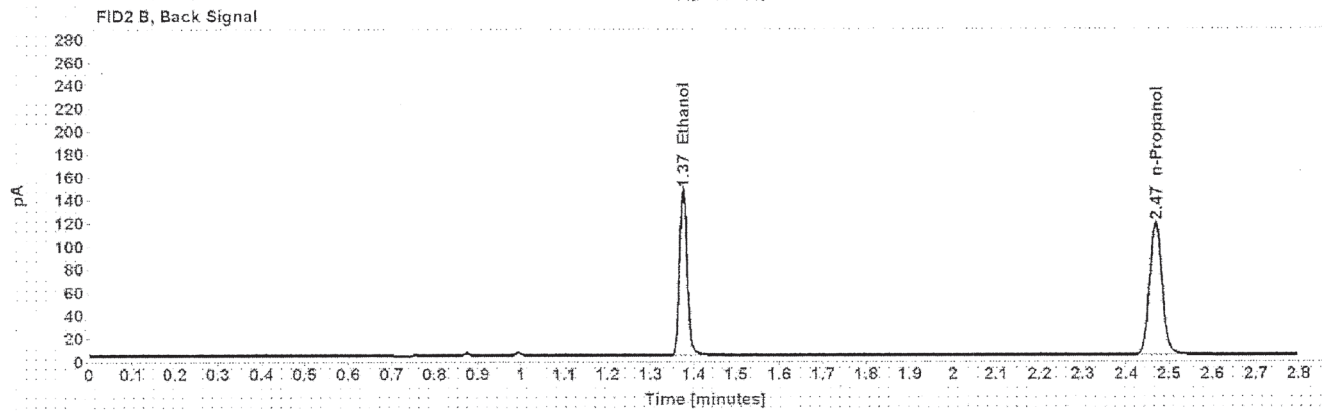
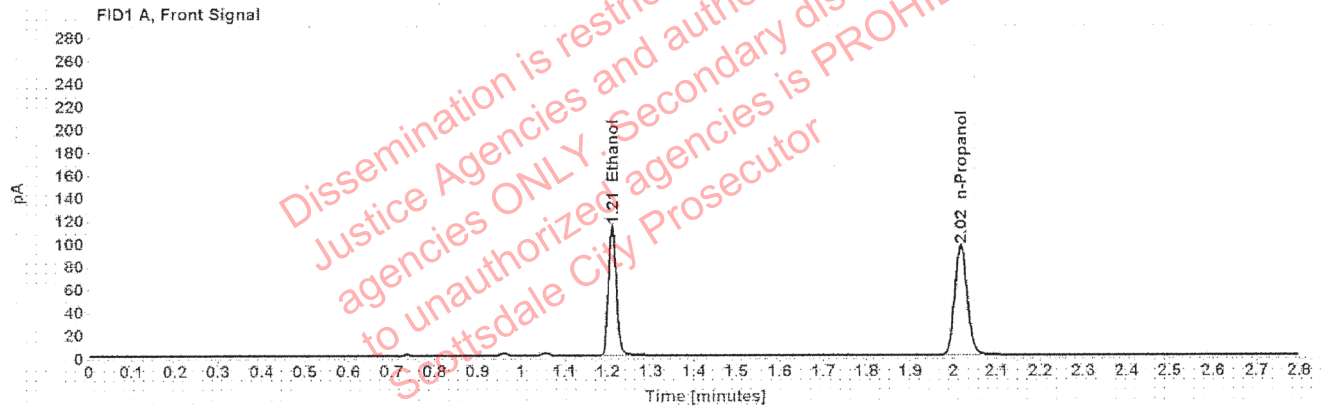


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2123	1.210	143.215
n-Propanol	-----	2.016	190.704

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

Compound	Time (min)	Peak Area
Ethanol	1.375	178.854
n-Propanol	2.468	233.736



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1330556	Vial: 32
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 03Nov20
Instrument: US14173023 CN14160045	Injection date: 11/3/2020 2:04:34 PM
Data file: C:\Chem32\1\Data\03Nov20\32.D	Analyst: Abbott

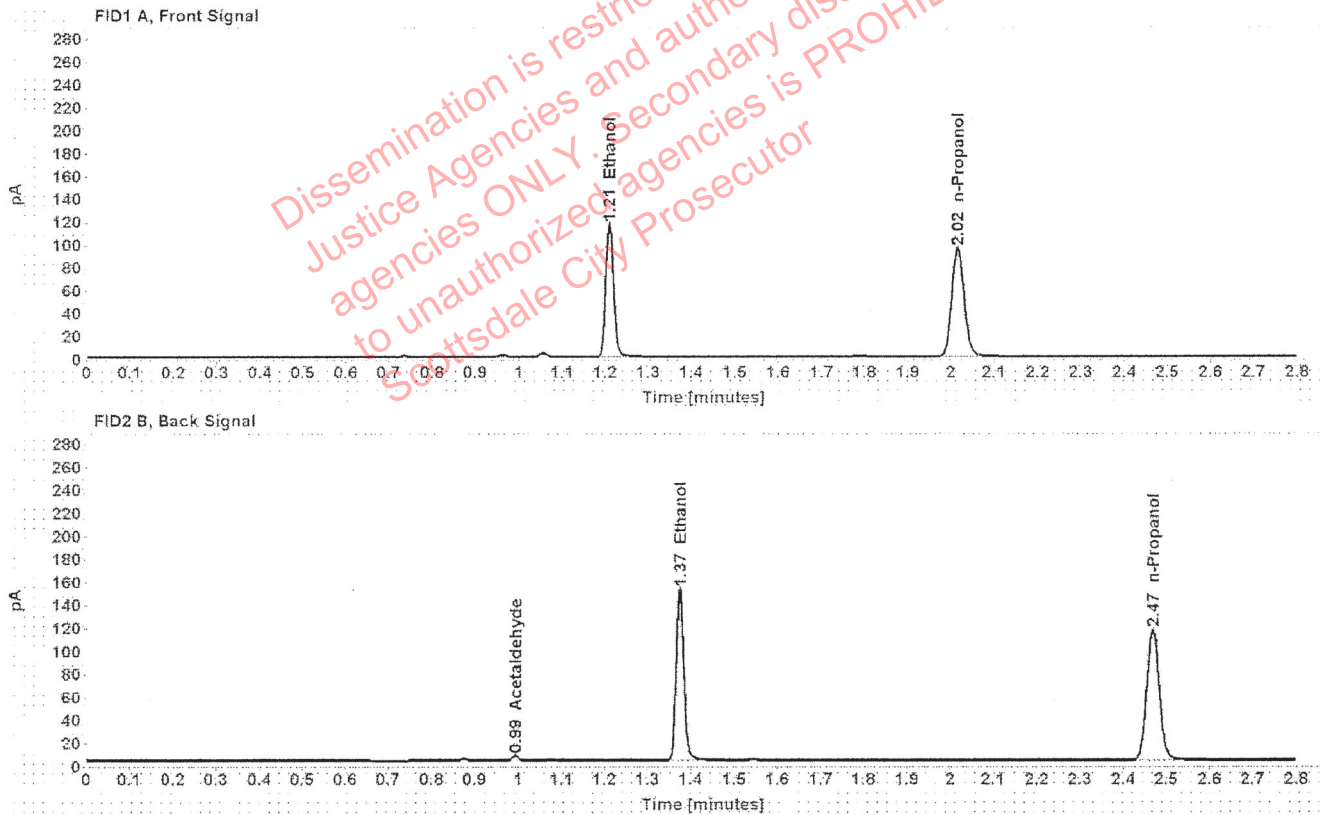


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2217	1.210	148.595
n-Propanol	-----	2.016	189.514

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.055
Ethanol	1.375	185.633
n-Propanol	2.468	231.911

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1330556	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 2:08:34 PM
Data file:	C:\Chem32\1\Data\03Nov20\33.D	Analyst:	Abbott

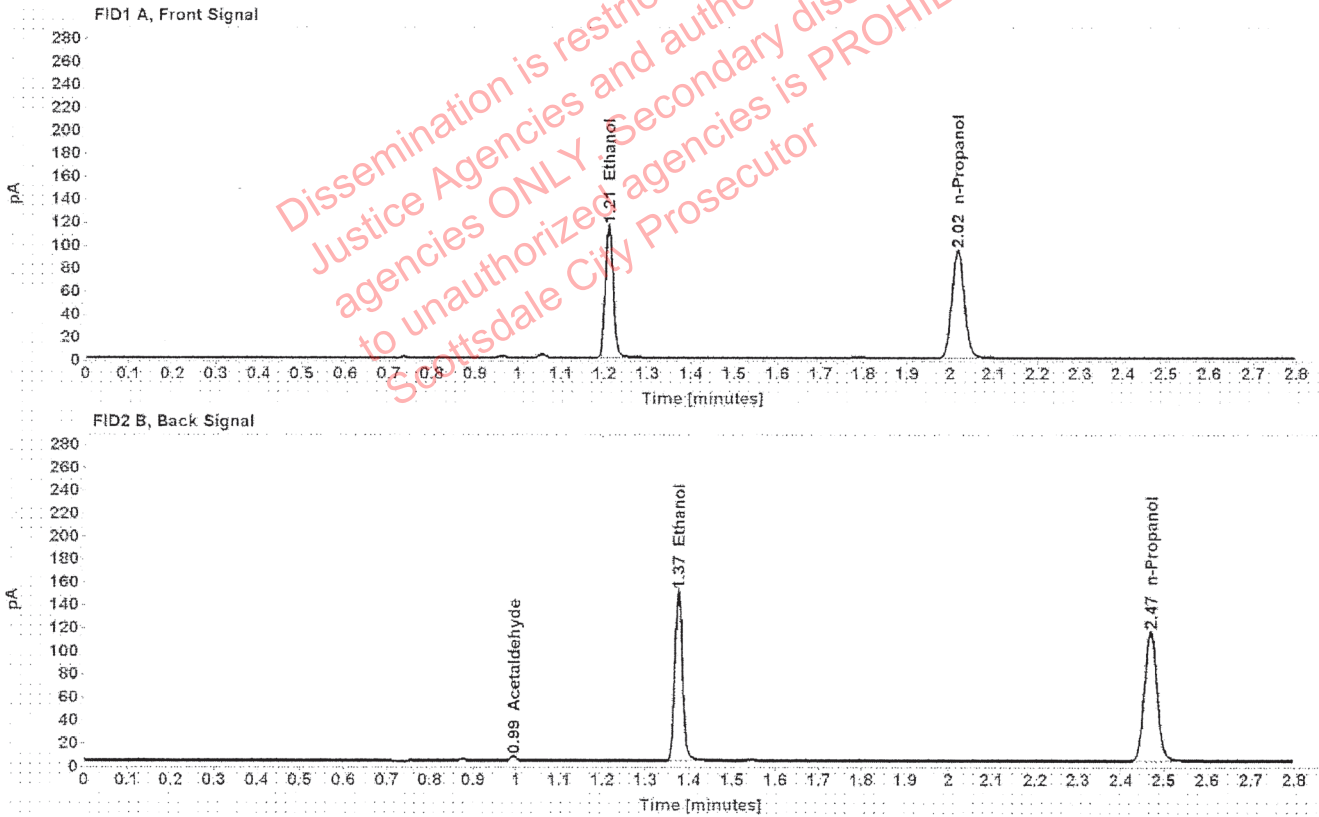


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2209	1.210	146.595
n-Propanol	-----	2.016	187.604

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.010
Ethanol	1.375	183.319
n-Propanol	2.468	229.939

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1344497	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 2:12:34 PM
Data file:	C:\Chem32\1\Data\03Nov20\34.D	Analyst:	Abbott

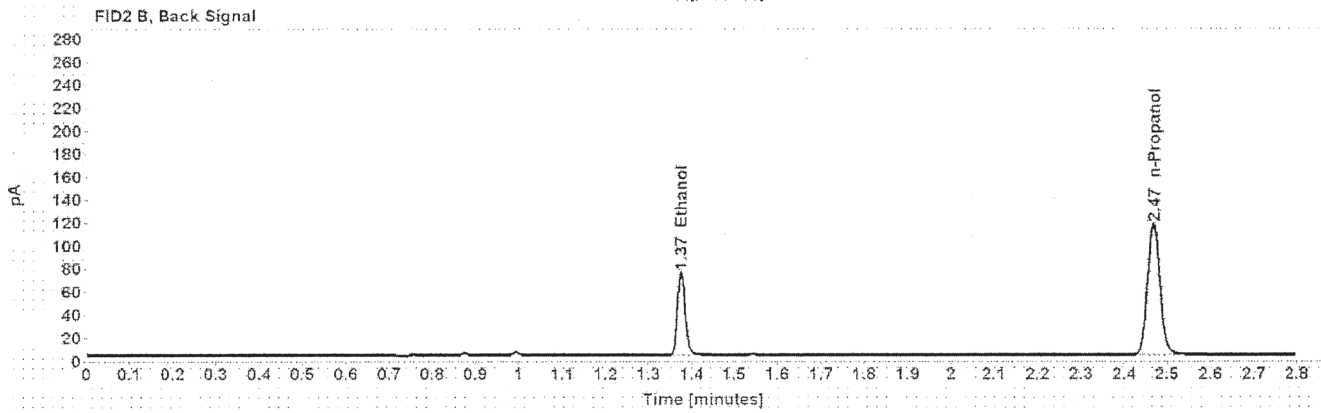
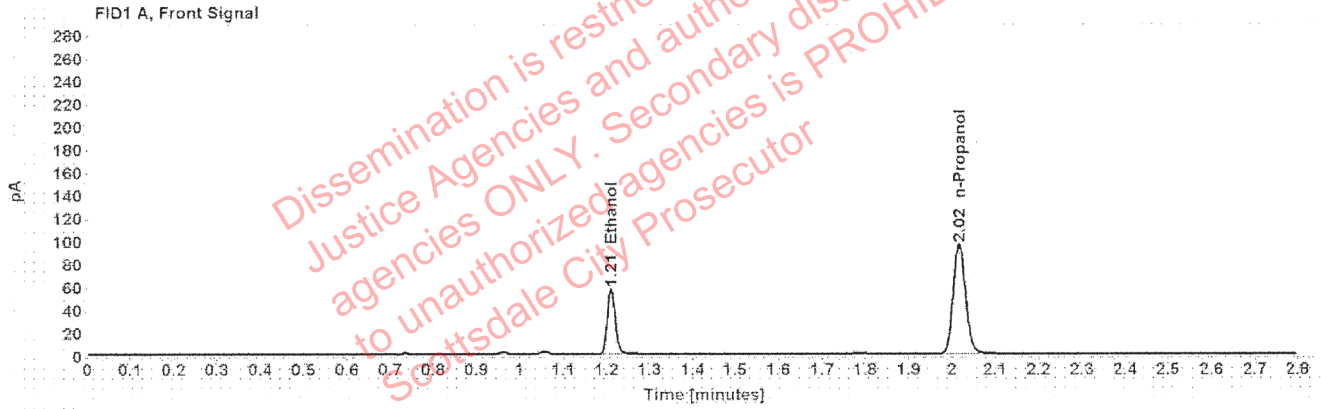


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1080	1.210	72.332
n-Propanol	-----	2.016	190.284

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

Compound	Time (min)	Peak Area
Ethanol	1.375	89.645
n-Propanol	2.468	232.861

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1344497	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 2:16:34 PM
Data file:	C:\Chem32\1\Data\03Nov20\35.D	Analyst:	Abbott

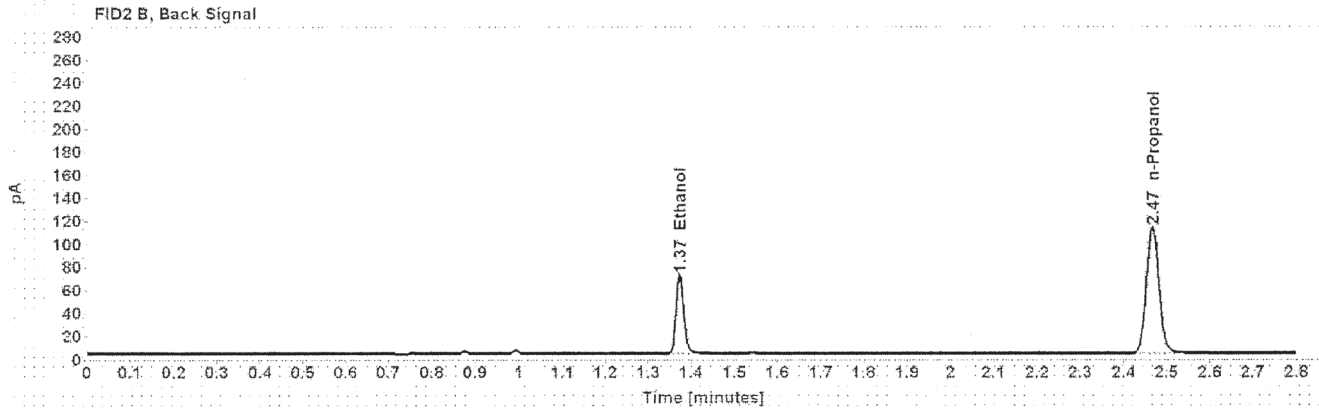
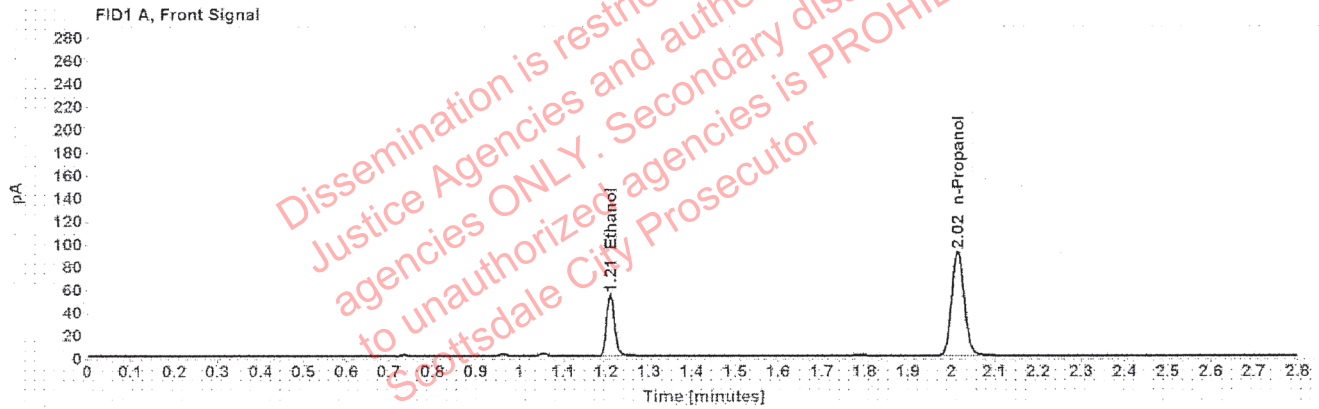


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1066	1.210	68.756
n-Propanol	-----	2.015	183.220

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

Compound	Time (min)	Peak Area
Ethanol	1.373	85.266
n-Propanol	2.466	224.024

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1341842	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 2:20:35 PM
Data file:	C:\Chem32\1\Data\03Nov20\36.D	Analyst:	Abbott

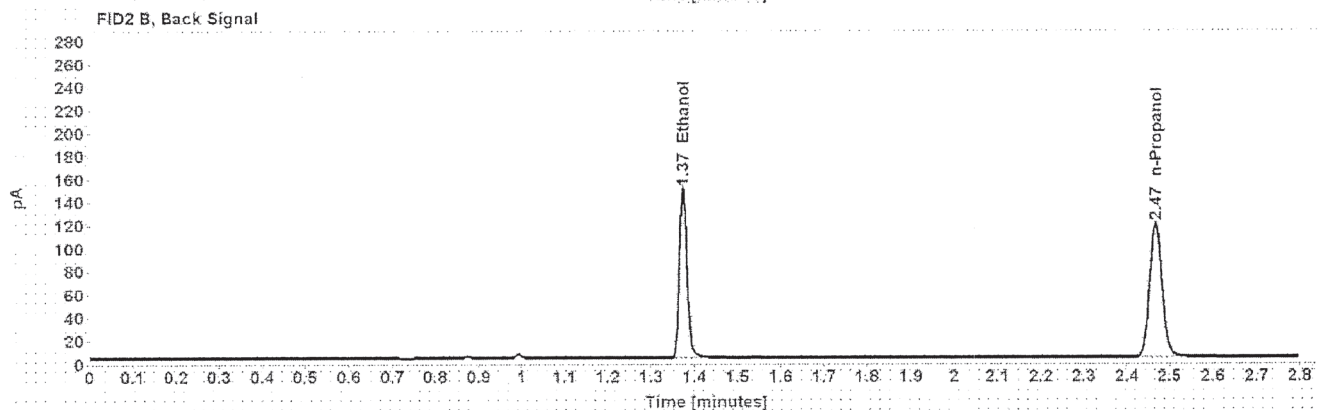
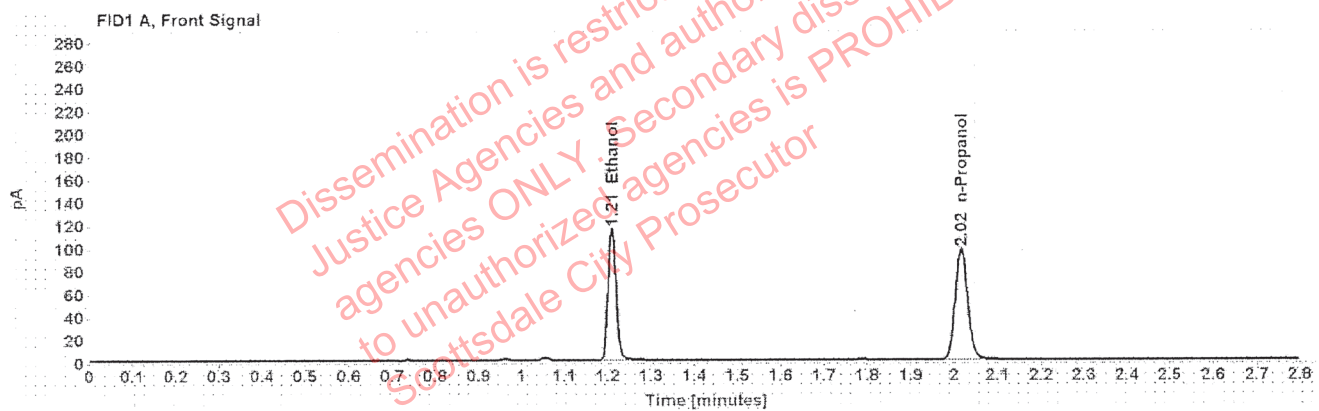


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2148	1.209	146.813
n-Propanol	-----	2.016	193.281

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

Compound	Time (min)	Peak Area
Ethanol	1.374	183.170
n-Propanol	2.467	236.715

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1341842	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 2:24:50 PM
Data file:	C:\Chem32\1\Data\03Nov20\37.D	Analyst:	Abbott

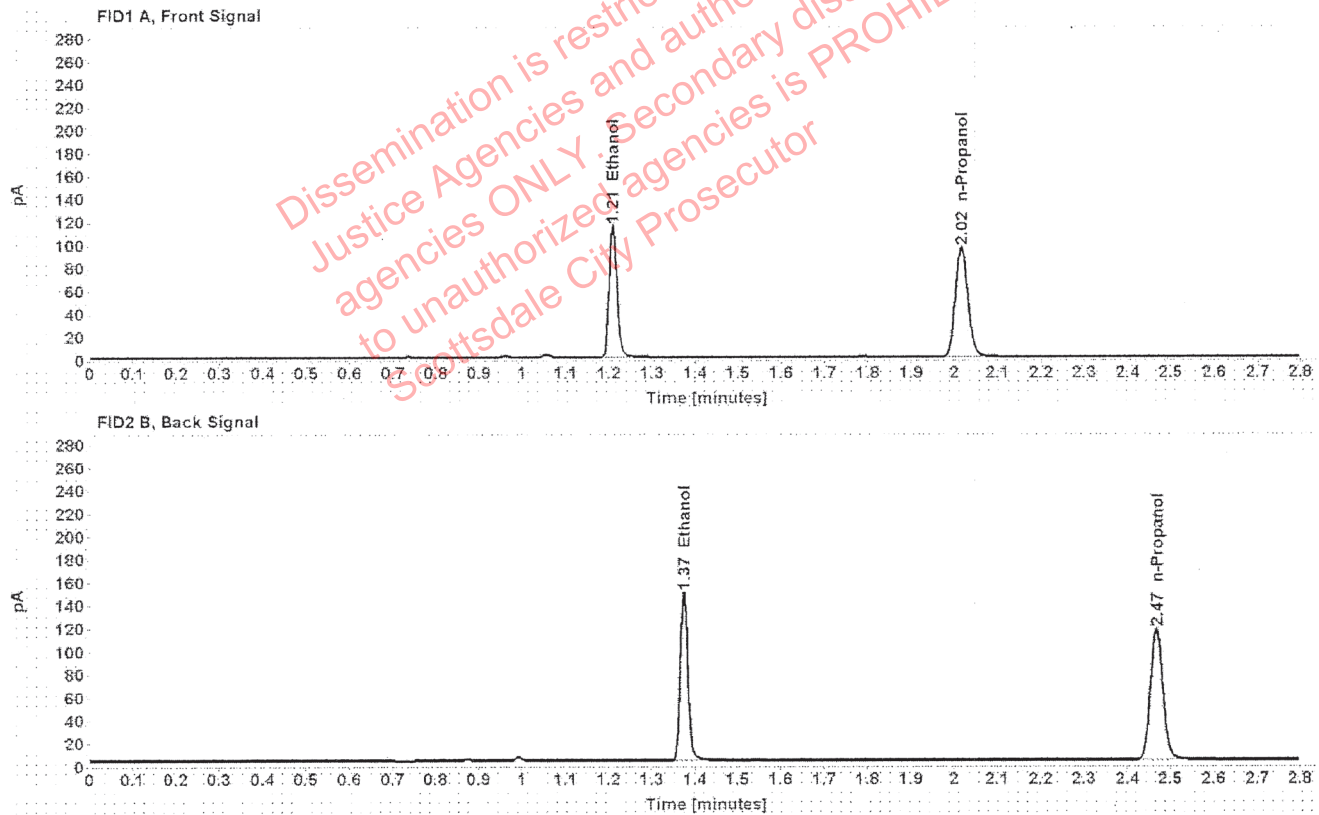


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2178	1.210	145.914
n-Propanol	-----	2.016	189.411

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

Compound	Time (min)	Peak Area
Ethanol	1.374	181.807
n-Propanol	2.468	231.832

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1344347	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 2:28:49 PM
Data file:	C:\Chem32\1\Data\03Nov20\38.D	Analyst:	Abbott

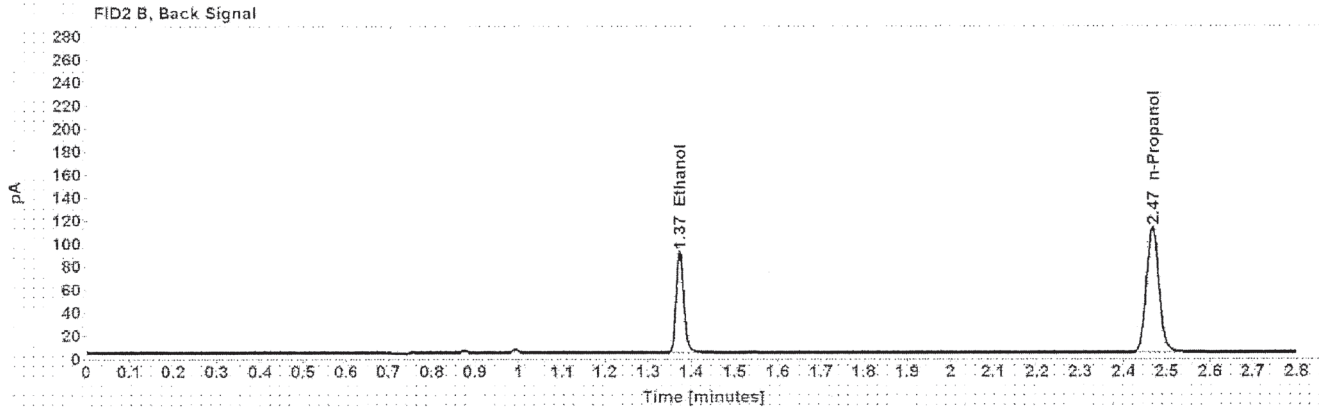
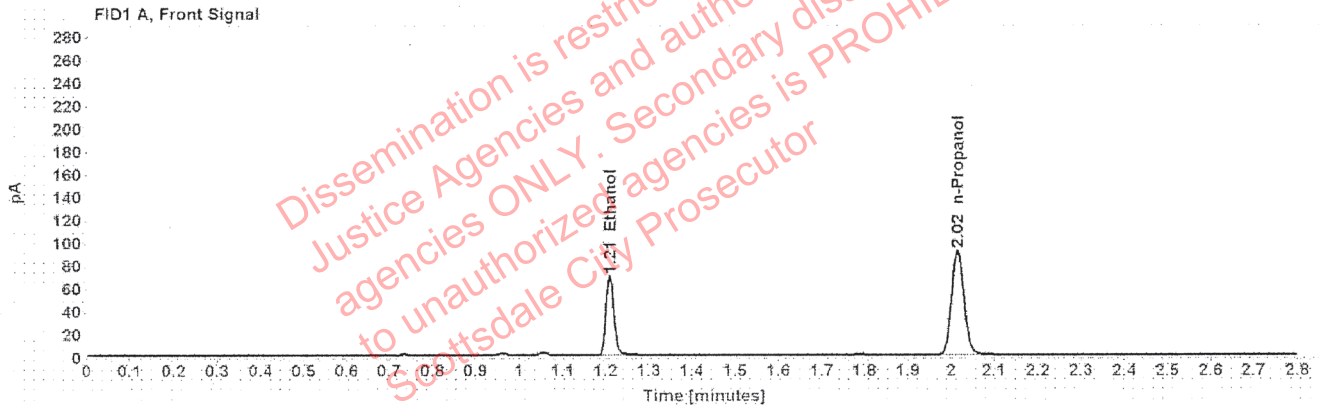


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1372	1.209	88.020
n-Propanol	-----	2.015	181.904

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

Compound	Time (min)	Peak Area
Ethanol	1.373	109.433
n-Propanol	2.467	222.824

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1344347	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 2:32:50 PM
Data file:	C:\Chem32\11\Data\03Nov20\39.D	Analyst:	Abbott

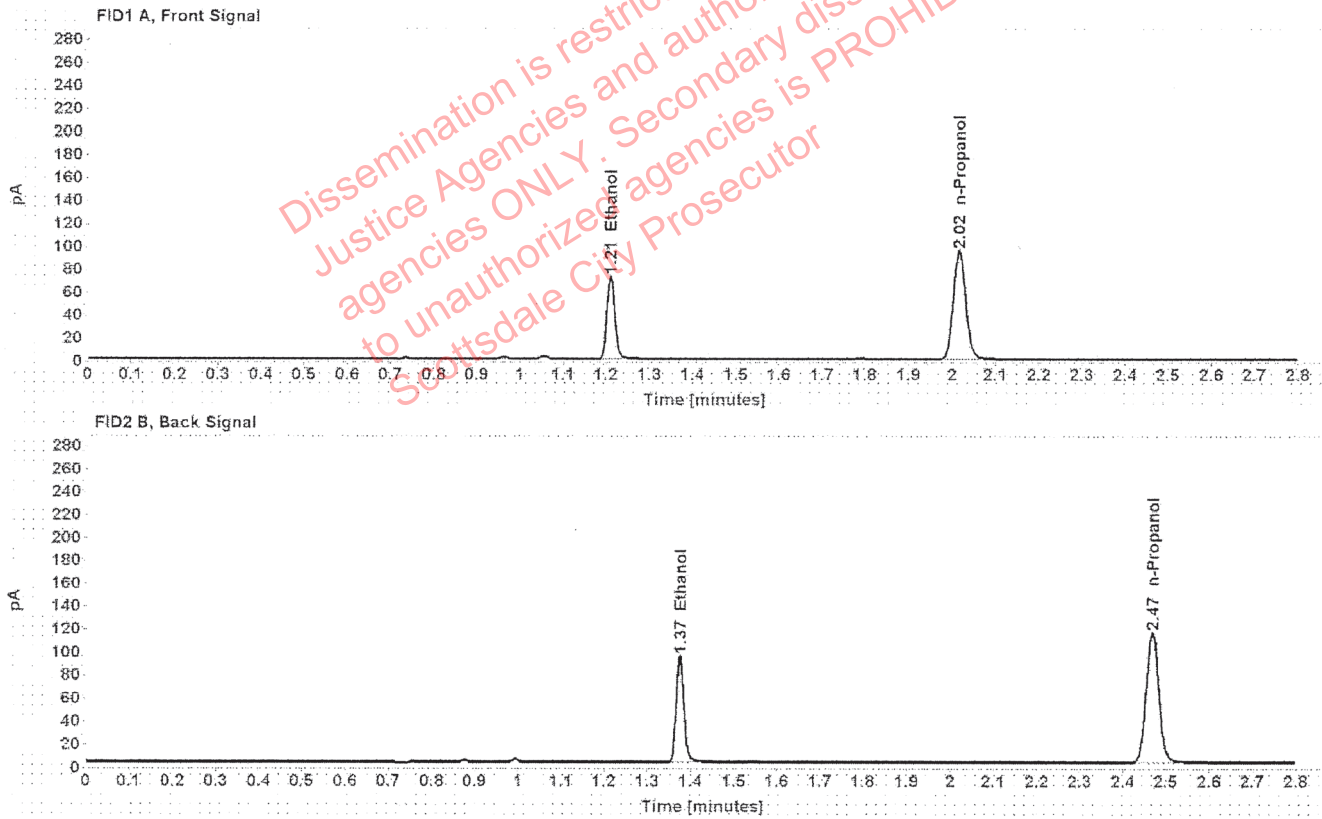


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1383	1.210	92.289
n-Propanol	-----	2.016	189.142

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

Compound	Time (min)	Peak Area
Ethanol	1.375	114.703
n-Propanol	2.468	231.516



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1344113	Vial:	40
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 2:36:50 PM
Data file:	C:\Chem32\1\Data\03Nov20\40.D	Analyst:	Abbott

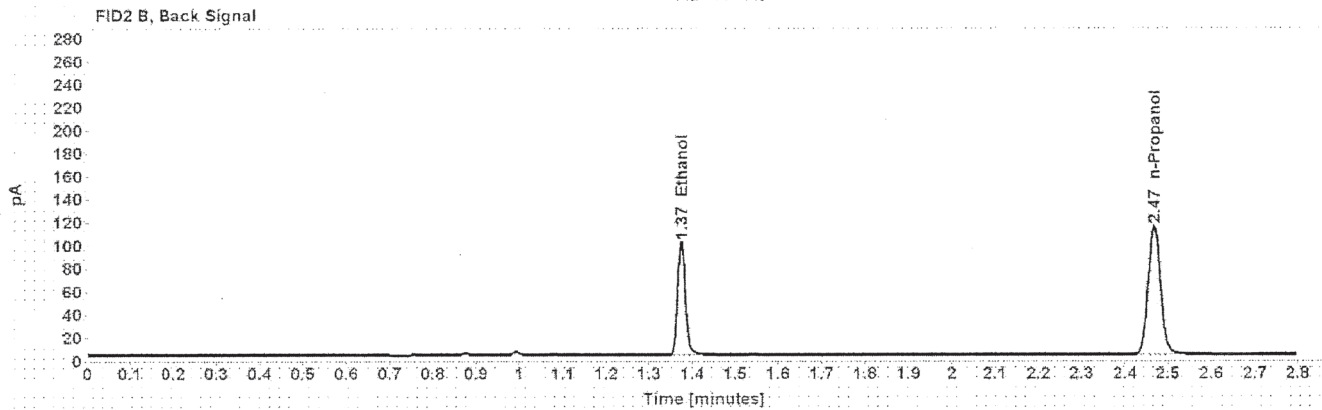
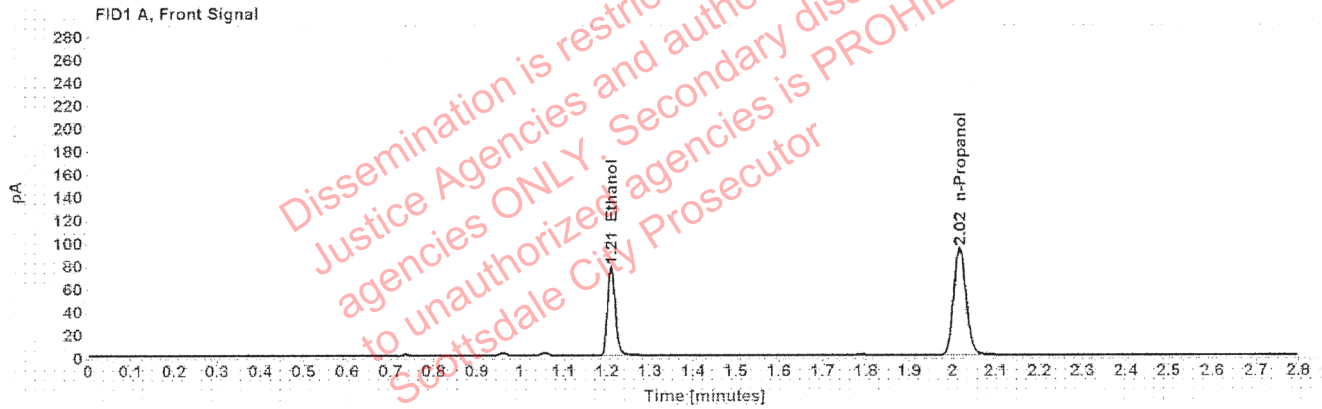


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1504	1.210	98.706
n-Propanol	-----	2.016	185.917

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

Compound	Time (min)	Peak Area
Ethanol	1.374	122.748
n-Propanol	2.467	227.203

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1344113	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/3/2020 2:40:50 PM
Data file:	C:\Chem32\1\Data\03Nov20\41.D	Analyst:	Abbott

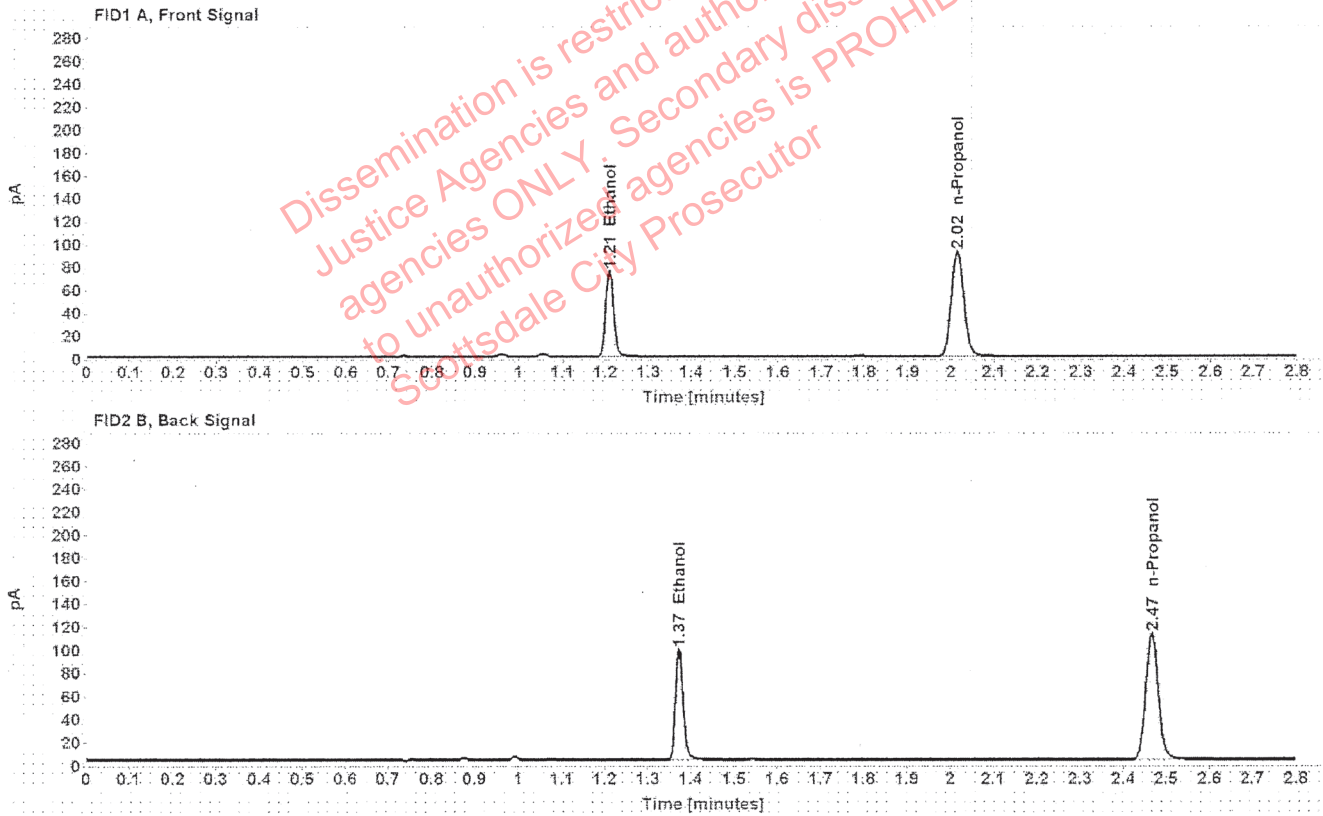


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1489	1.209	96.008
n-Propanol	-----	2.015	182.645

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

Compound	Time (min)	Peak Area
Ethanol	1.373	119.478
n-Propanol	2.466	223.426