

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 05/25/2021 SEQUENCE NAME 25May21

**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 031021AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 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	0.081 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
42	Blood control	0.200 g/dL	0.207 g/dL	ACQ 4101018274/9
53	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 03102016-A/1
64	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 11092018-A
65	Aqueous control	0.040 g/dL	0.042 g/dL	Lipomed 14082019-B
66	Blood control	0.200 g/dL	0.205 g/dL	ACQ 4101018274/9
67	Blank	Not detected	Not detected	SPD lab 111020WB

**SUBJECT SAMPLES**

Subjects in the sequence 25 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid  Run invalid  Erika Canonico Analyst  
 Run valid  Run invalid  Phinix Brooks Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

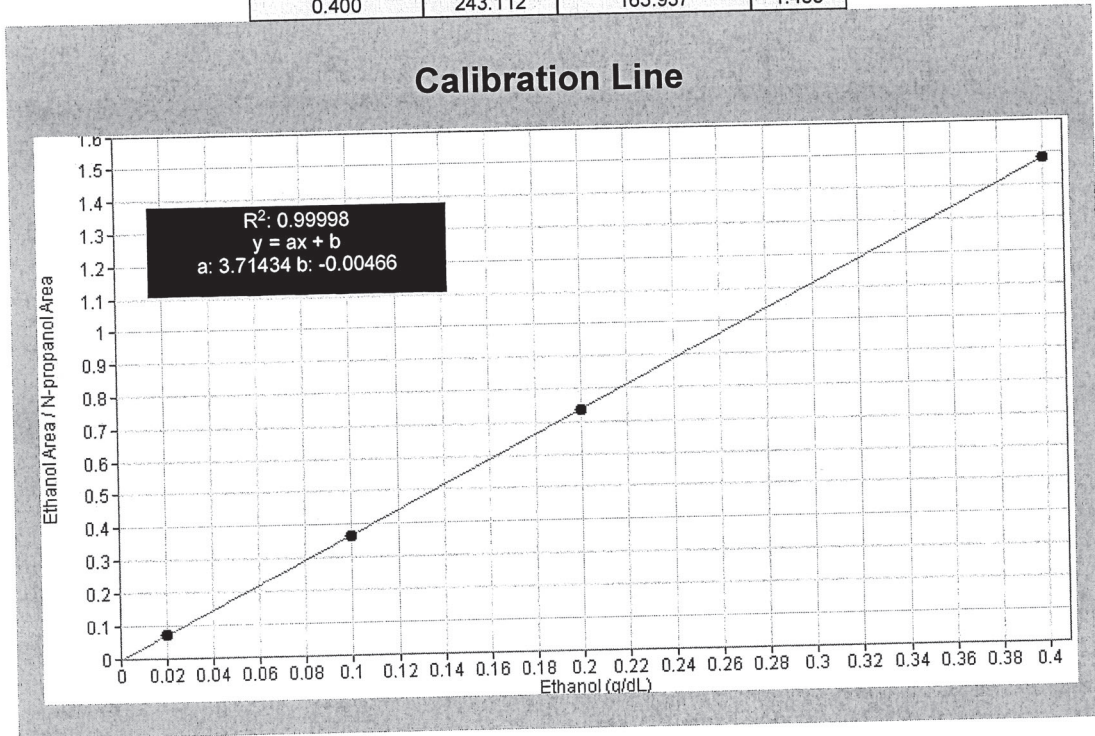
SEQUENCE NAME: 25May21

ANALYST: Canonico *ec*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 031021AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.401	0.400	0.25	0.001
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.200 4101018274/9	9	0.203	0.200	1.50	0.003
0.080 03102016-A/1	20	0.081	0.080	1.25	0.001
0.080 03102016-A/1	31	0.080	0.080	0.00	0.000
0.200 4101018274/9	42	0.207	0.200	3.50	0.007
0.080 03102016-A/1	53	0.081	0.080	1.25	0.001
0.400 11092018-A	64	0.404	0.400	1.00	0.004
0.040 14082019-B	65	0.042	0.040	5.00	0.002
0.200 4101018274/9	66	0.205	0.200	2.50	0.005
111020WB	67	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.381	169.955	0.073
0.100	59.762	163.847	0.365
0.200	120.681	164.166	0.735
0.400	243.112	163.937	1.483

**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> 25May21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 5/25/2021 3:21:05 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <i>ec</i>
<b>Data file:</b> C:\Chem3211\Data\25May21\1.D	

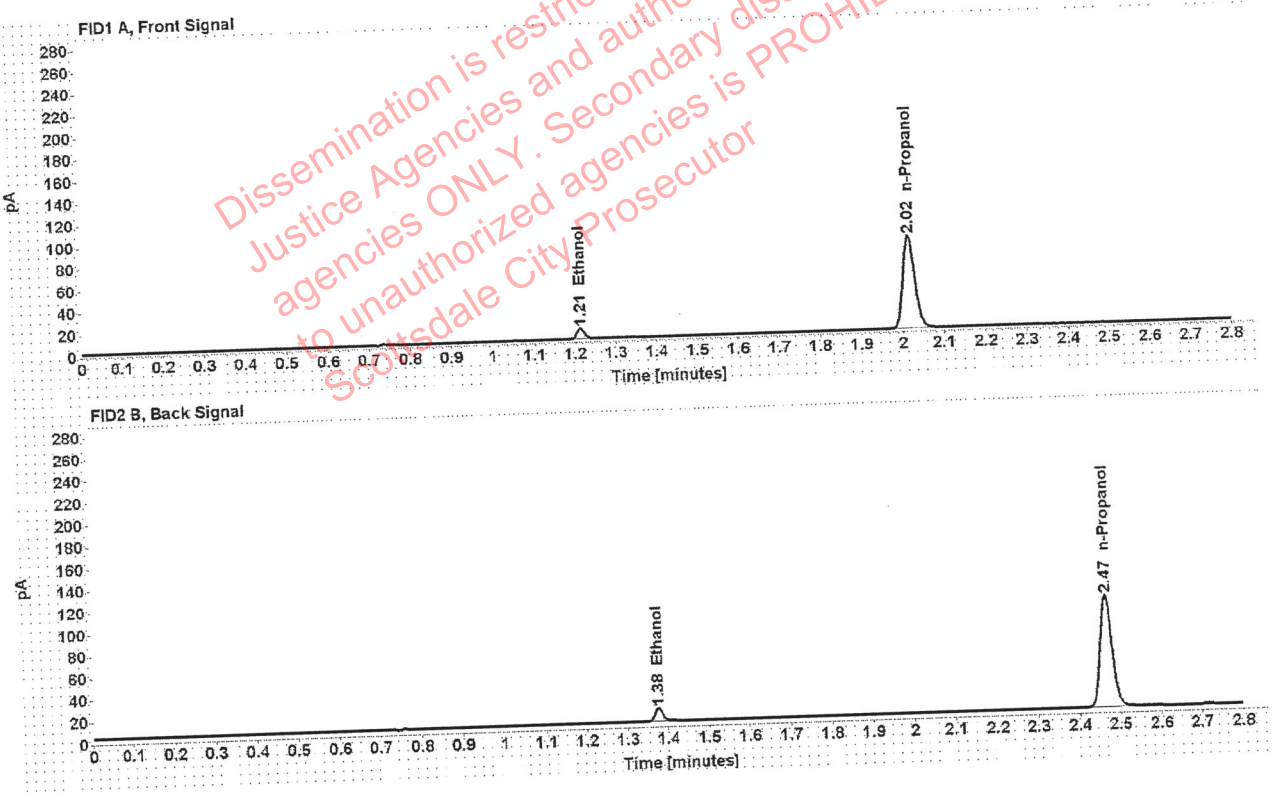


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	12.381
n-Propanol	2.016	169.955

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

Compound	Time (min)	Peak Area
Ethanol	1.376	15.290
n-Propanol	2.467	207.335

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05311902	<b>Vial:</b> 2
<b>Description:</b> 0.100 calibrator	<b>Sequence:</b> 25May21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 5/25/2021 3:25:05 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <span style="float: right;">ee</span>
<b>Data file:</b> C:\Chem32\1\Data\25May21\2.D	

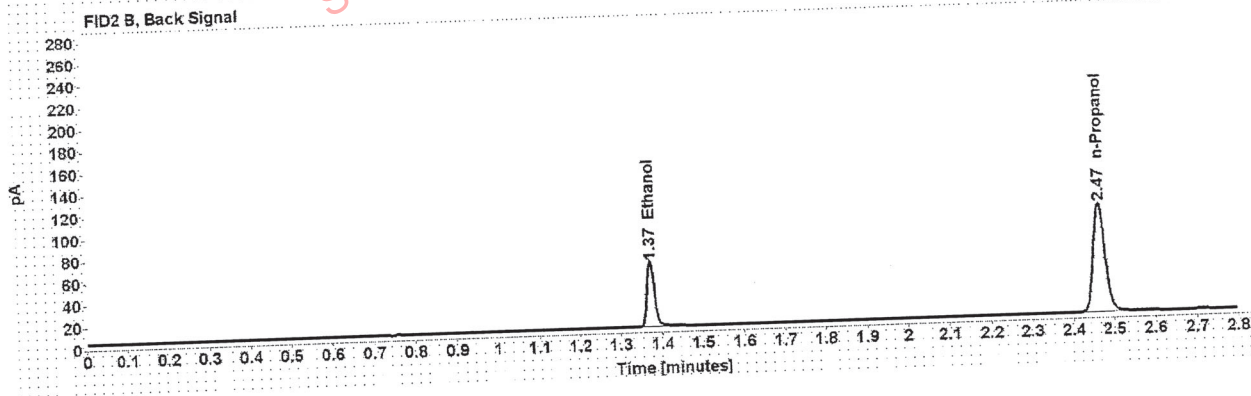
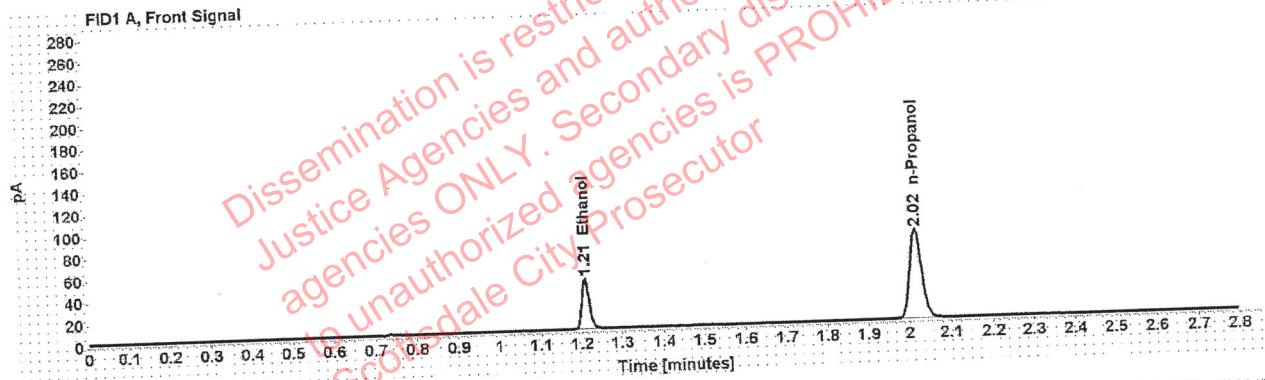


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	59.762
n-Propanol	2.015	163.847

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

Compound	Time (min)	Peak Area
Ethanol	1.372	73.802
n-Propanol	2.465	200.418

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05101903	<b>Vial:</b> 3
<b>Description:</b> 0.200 calibrator	<b>Sequence:</b> 25May21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 5/25/2021 3:29:06 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <span style="float: right;">EC</span>
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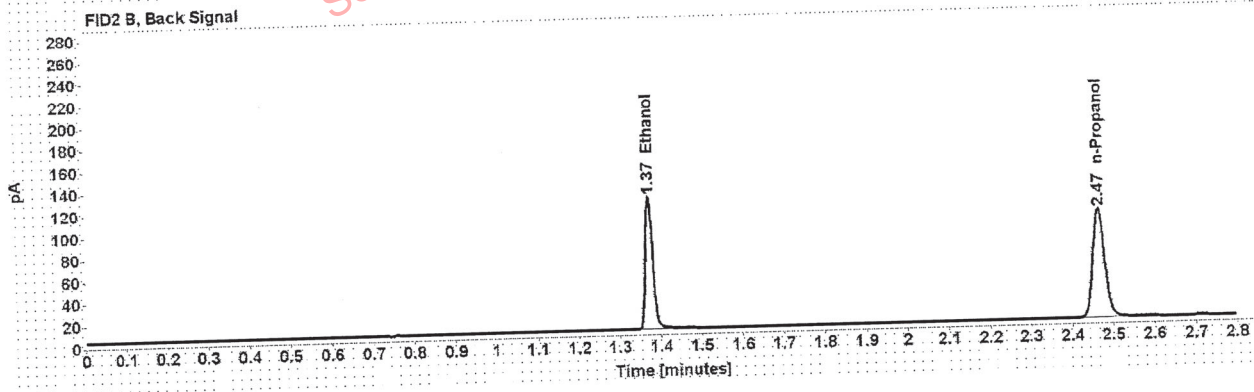
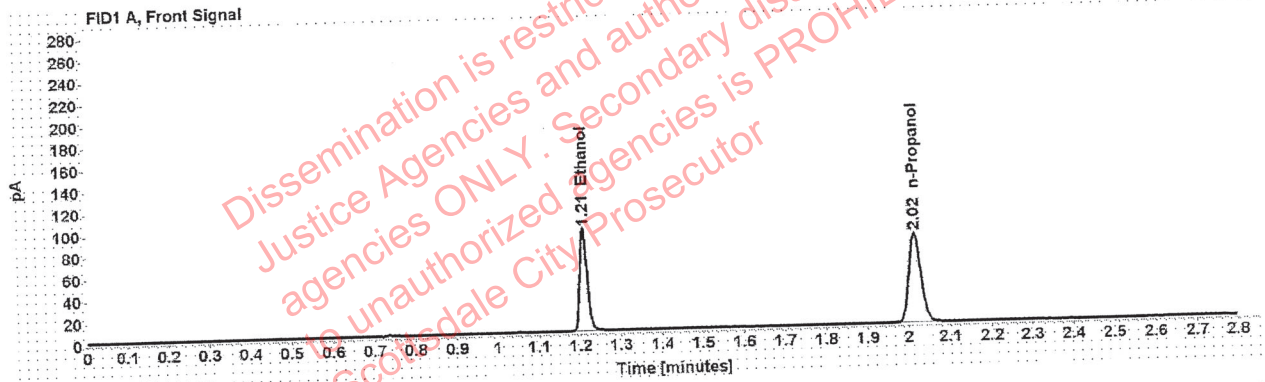


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	120.681
n-Propanol	2.015	164.166

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

Compound	Time (min)	Peak Area
Ethanol	1.372	149.597
n-Propanol	2.466	201.112

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN10051906	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 25May21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 5/25/2021 3:33:05 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <i>ec</i>
<b>Data file:</b> C:\Chem32\1\Data\25May21\4.D	

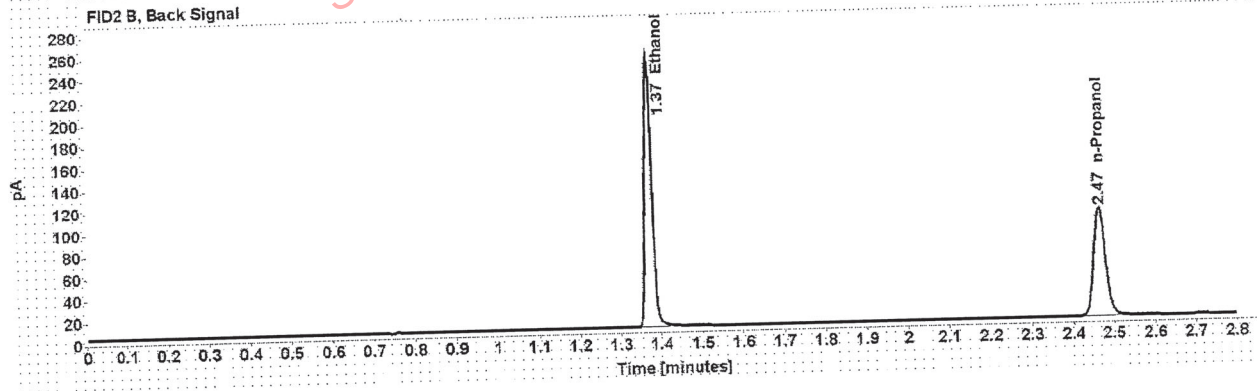
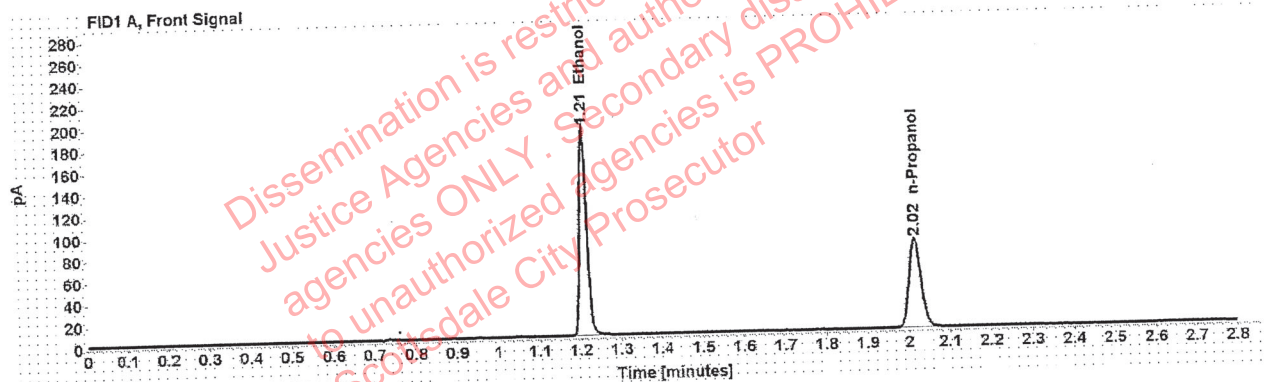


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	243.112
n-Propanol	2.015	163.937

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

Compound	Time (min)	Peak Area
Ethanol	1.372	302.485
n-Propanol	2.465	201.415

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 031021AQ	<b>Vial:</b> 5
<b>Description:</b> Negative	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25May21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/25/2021 3:37:05 PM
<b>Data file:</b> C:\Chem32\1\Data\25May21\5.D	<b>Analyst:</b> Canonico <i>ec</i>

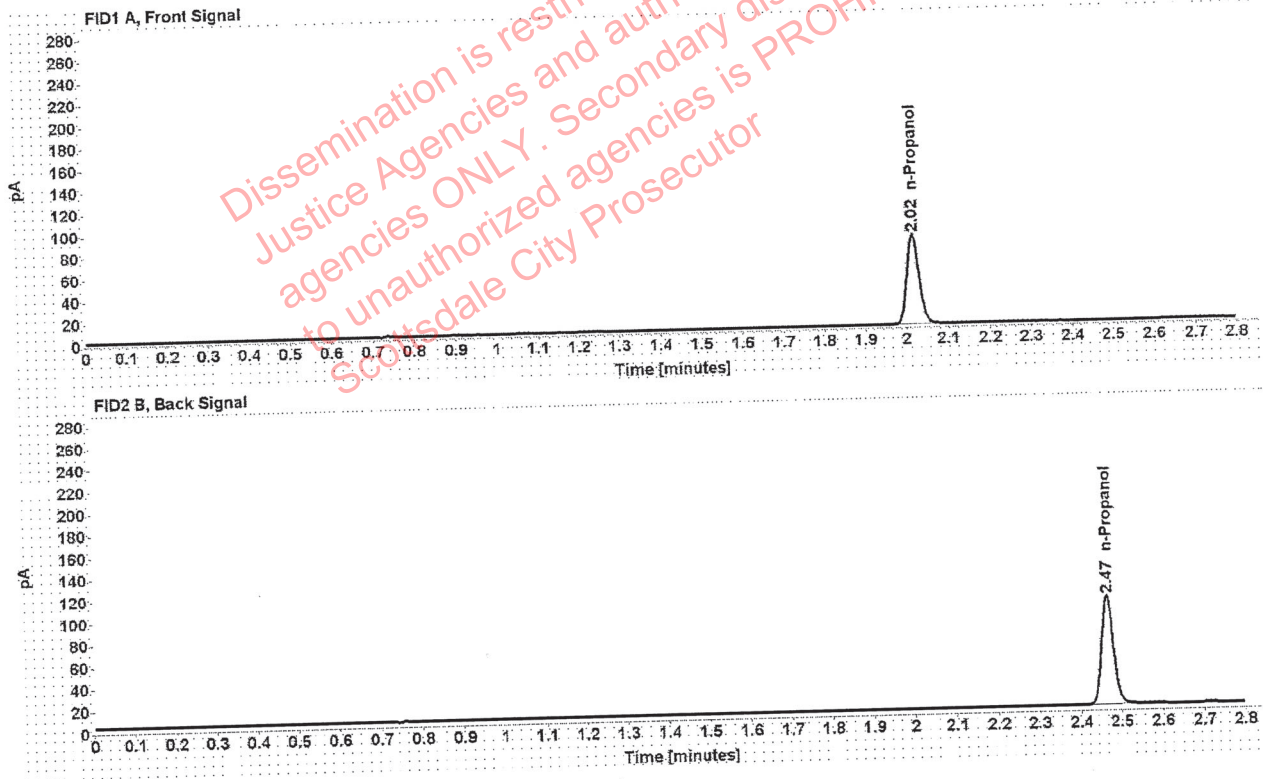


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	164.164

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	201.043

# 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> 25May21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/25/2021 3:41:06 PM
<b>Data file:</b> C:\Chem3211\Data\25May21\6.D	<b>Analyst:</b> Canonico <i>ee</i>

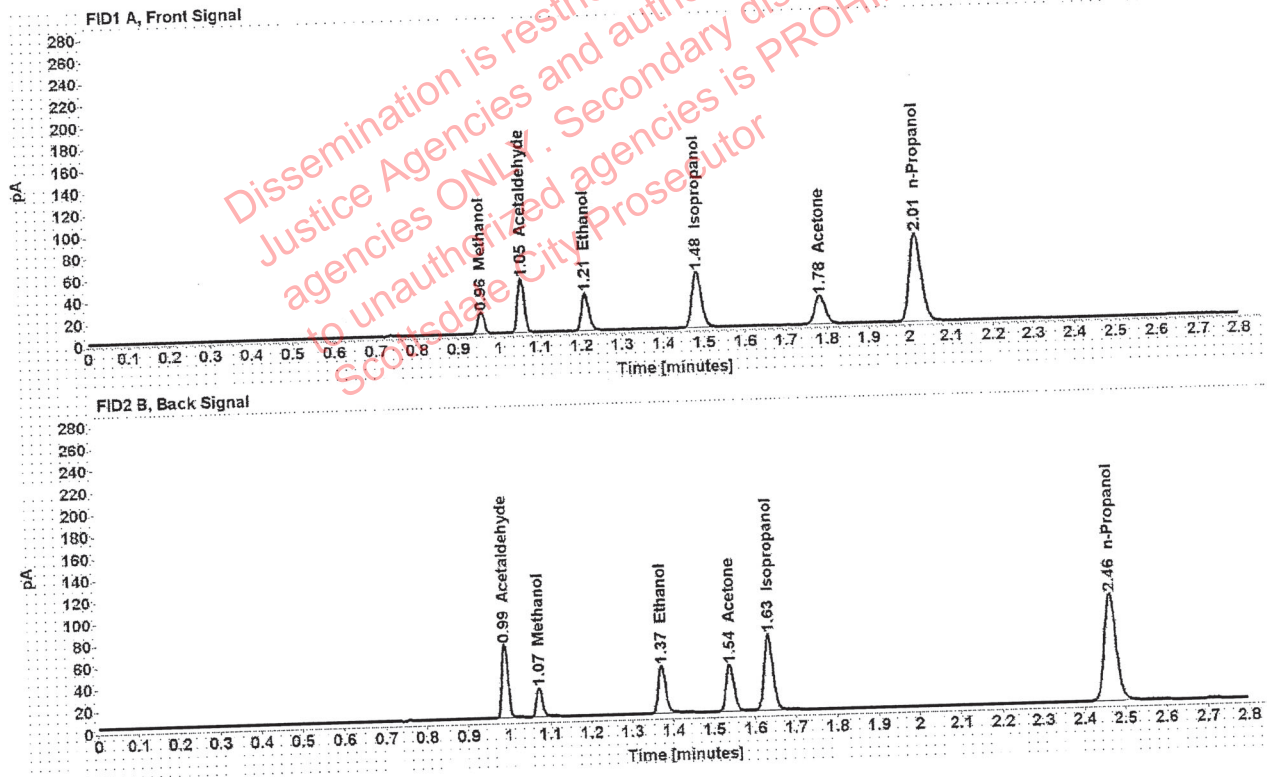


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	22.411
Acetaldehyde	-----	1.054	54.641
>Ethanol	0.0744	1.210	44.000
Isopropanol	-----	1.483	82.531
Acetone	-----	1.783	45.238
n-Propanol	-----	2.015	162.001

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.990	70.241
Methanol	1.073	28.629
Ethanol	1.372	54.706
Acetone	1.539	56.239
Isopropanol	1.634	105.466
n-Propanol	2.465	199.190



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 11092018-A	<b>Vial:</b> 7
<b>Description:</b> 0.400	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25May21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/25/2021 3:45:21 PM
<b>Data file:</b> C:\Chem32\1\Data\25May21\7.D	<b>Analyst:</b> Canonico <i>ee</i>

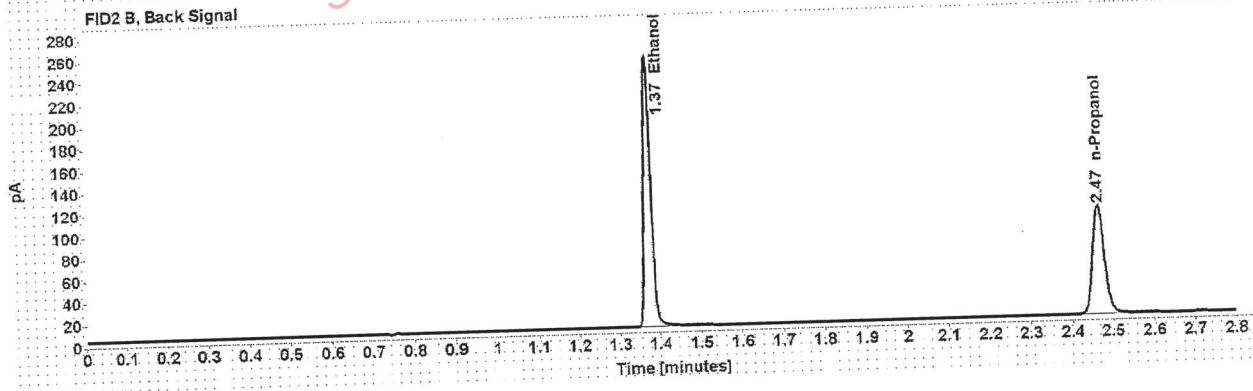
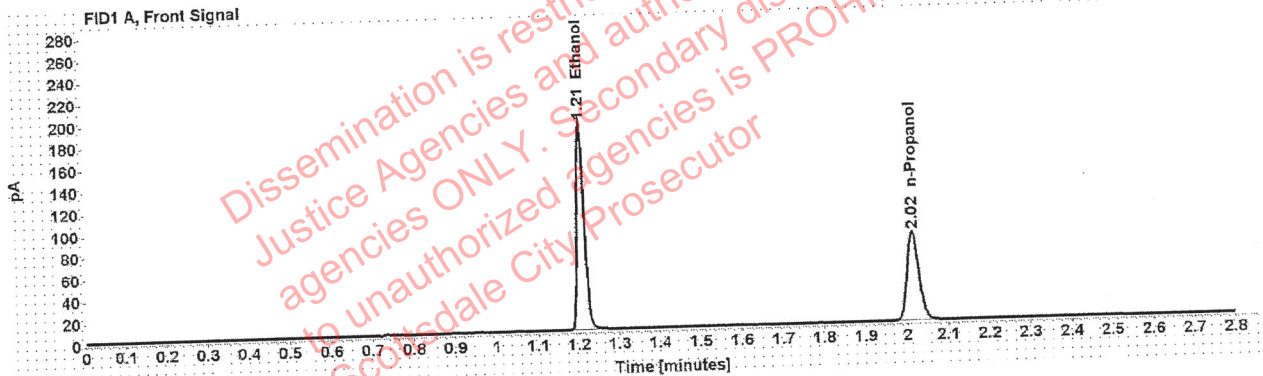


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4015	1.209	243.210
n-Propanol	-----	2.016	163.602

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

Compound	Time (min)	Peak Area
Ethanol	1.373	302.894
n-Propanol	2.466	201.026

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 14082019-B	<b>Vial:</b> 8
<b>Description:</b> 0.040	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25May21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/25/2021 3:49:20 PM
<b>Data file:</b> C:\Chem32\1\Data\25May21\8.D	<b>Analyst:</b> Canonico <i>ee</i>

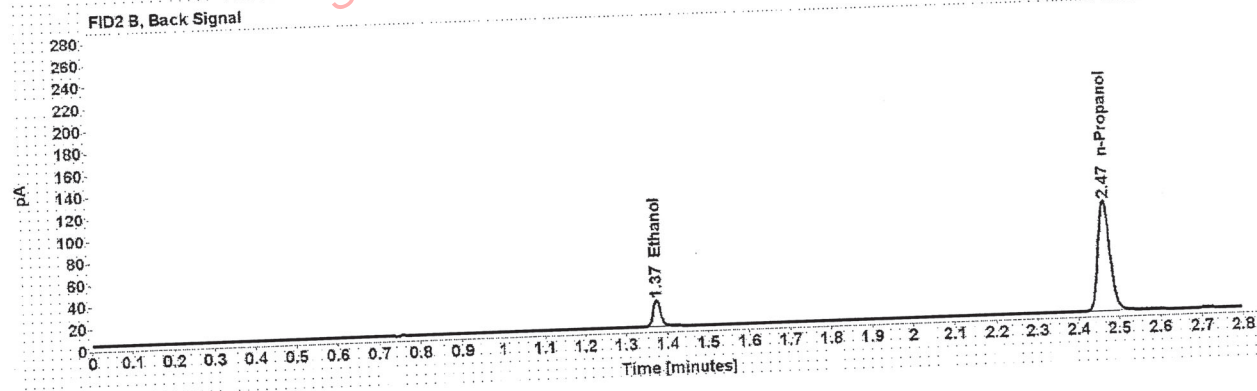
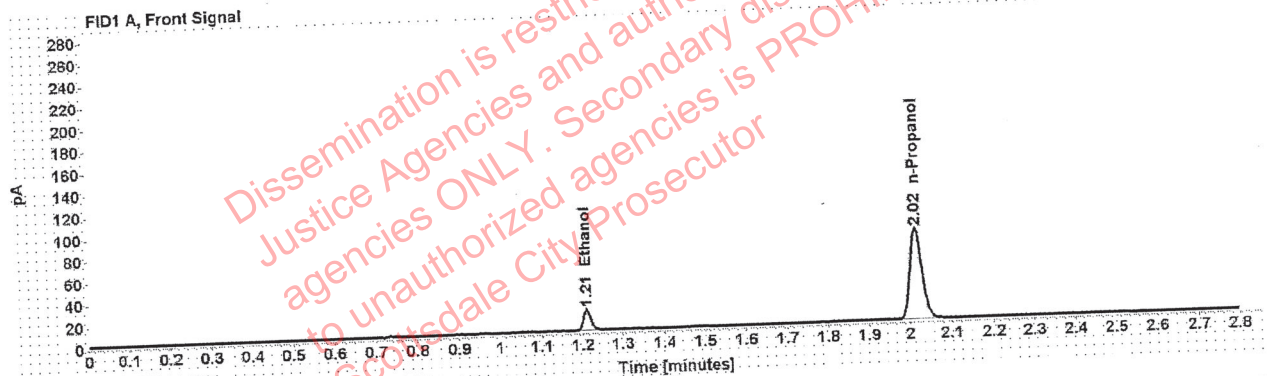


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0409	1.211	24.608
n-Propanol	-----	2.015	167.076

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.513
n-Propanol	2.465	205.037

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 9
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 3:53:20 PM
Data file: C:\Chem32\1\Data\25May21\9.D	Analyst: Canonico EC

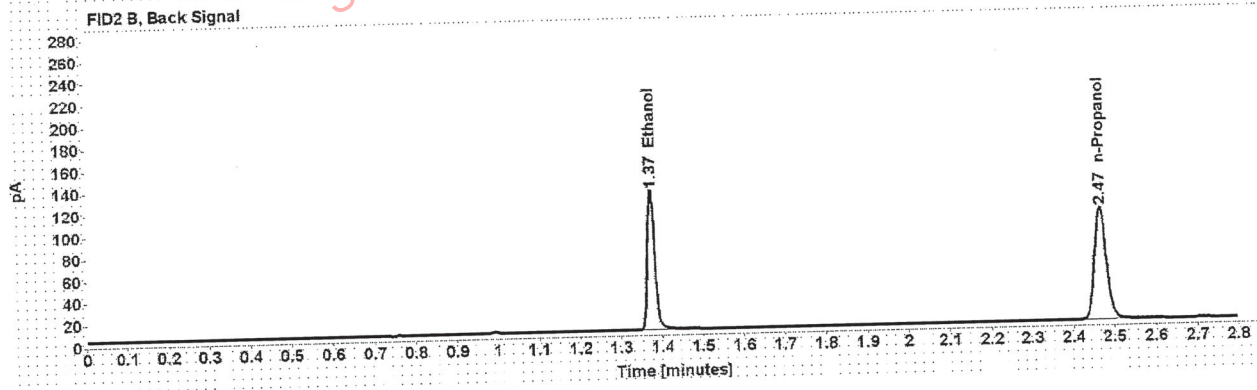
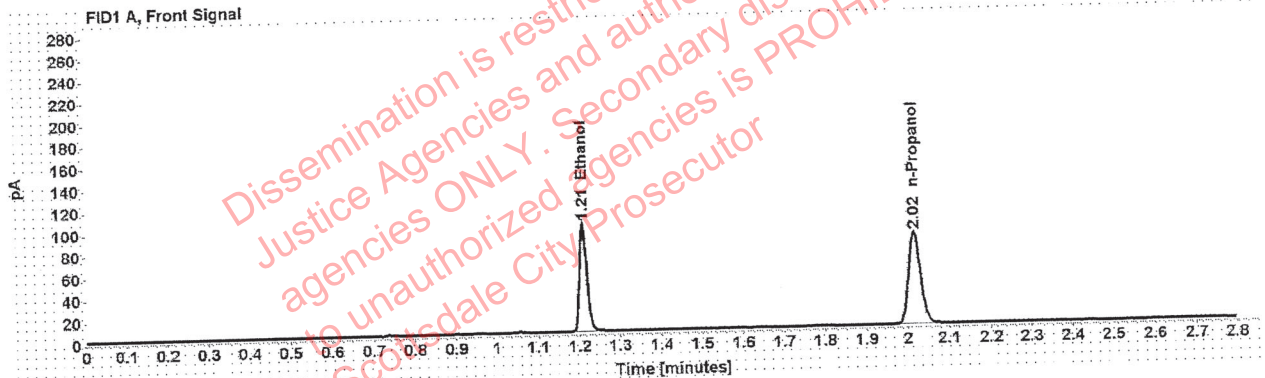


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2031	1.210	126.810
n-Propanol	-----	2.016	169.130

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.903
n-Propanol	2.467	207.928

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 4:37:50 PM
Data file: C:\Chem32\1\Data\25May21\20.D	Analyst: Canonico <i>EC</i>

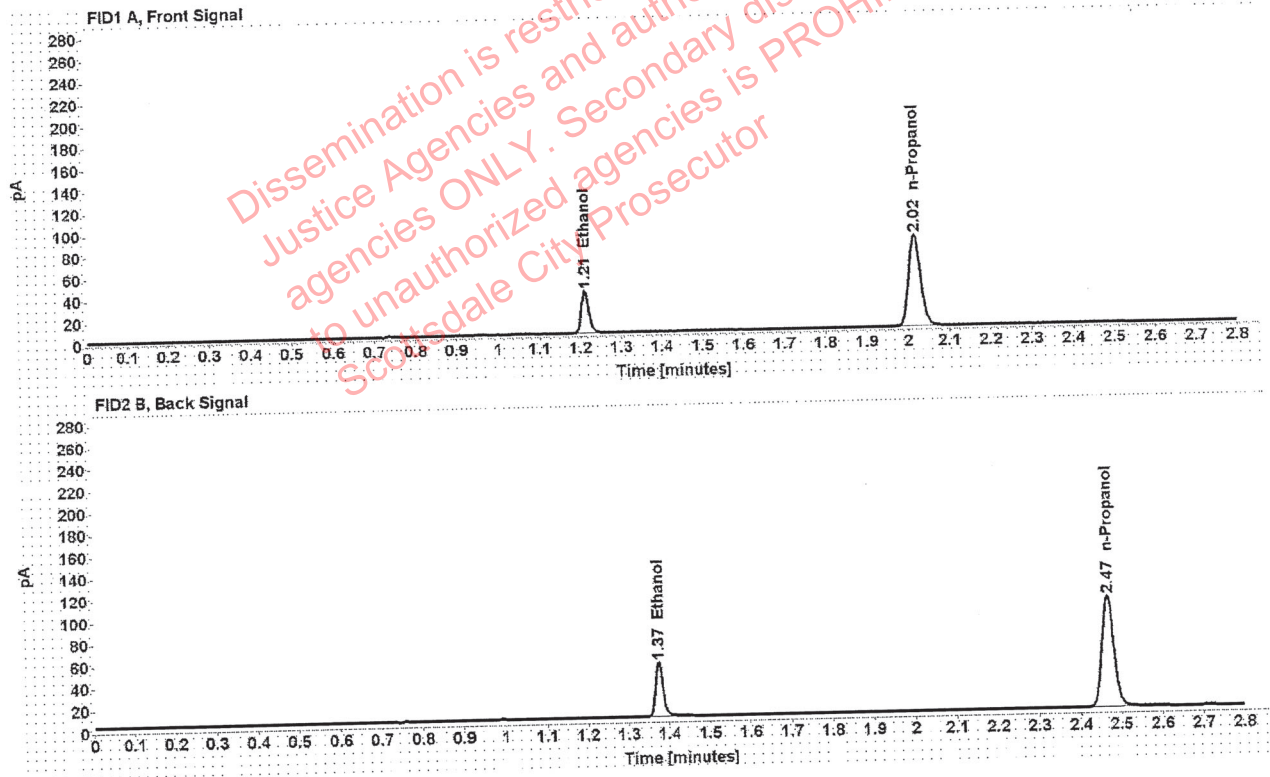


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0813	1.211	49.879
n-Propanol	-----	2.016	167.677

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

Compound	Time (min)	Peak Area
Ethanol	1.375	61.990
n-Propanol	2.467	206.251

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 03102016-A/1	<b>Vial:</b> 31
<b>Description:</b> 0.080	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25May21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/25/2021 5:22:20 PM
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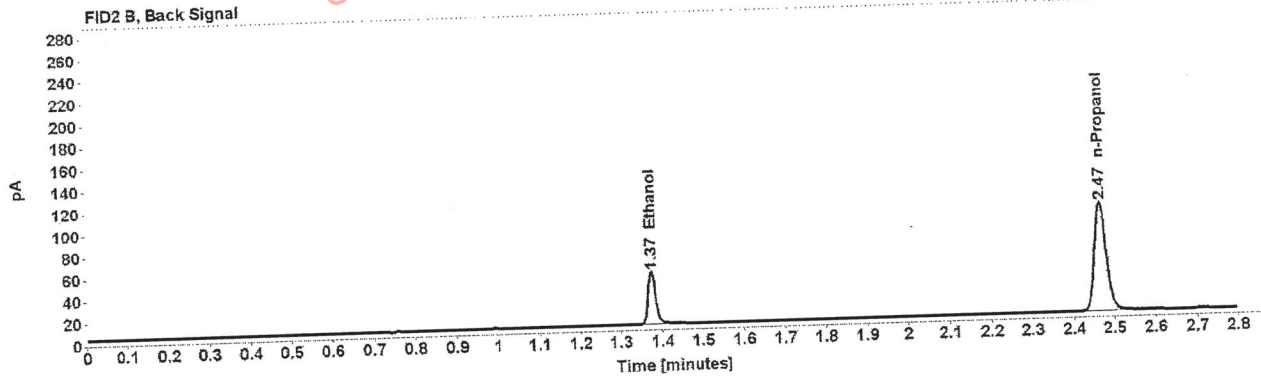
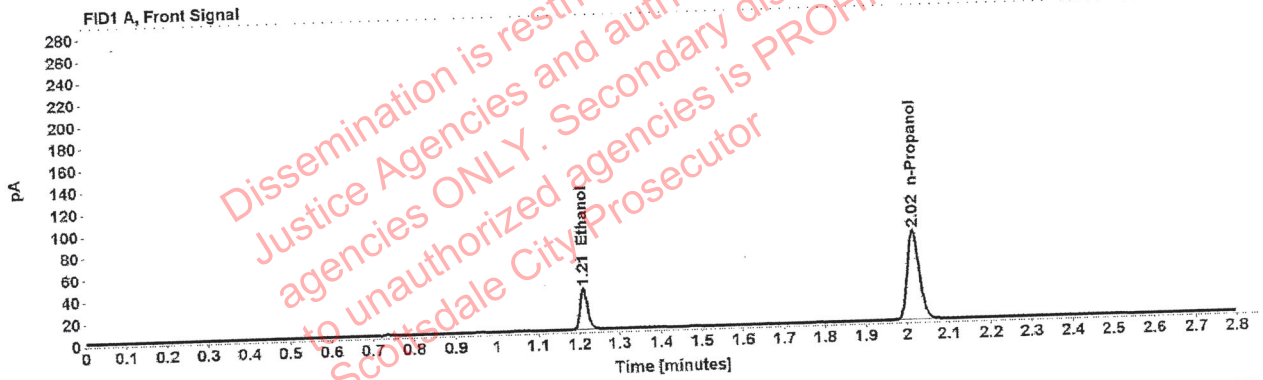


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0808	1.211	48.459
n-Propanol	-----	2.016	163.921

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

Compound	Time (min)	Peak Area
Ethanol	1.375	60.049
n-Propanol	2.467	201.584

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 4101018274/9	<b>Vial:</b> 42
<b>Description:</b> 0.200	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25May21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/25/2021 6:06:35 PM
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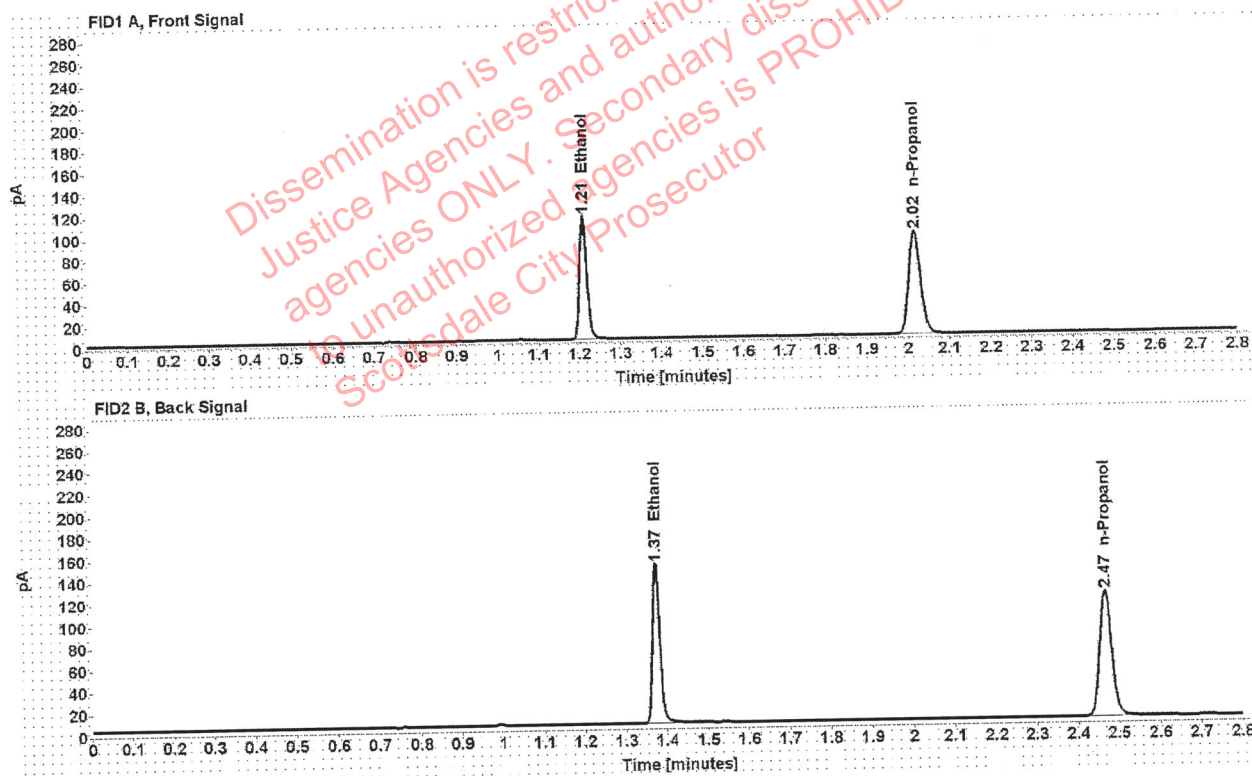


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2070	1.210	144.569
n-Propanol	-----	2.016	189.169

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

Compound	Time (min)	Peak Area
Ethanol	1.374	180.694
n-Propanol	2.467	233.665

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 03102016-A/1	<b>Vial:</b> 53
<b>Description:</b> 0.080	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25May21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/25/2021 6:51:06 PM
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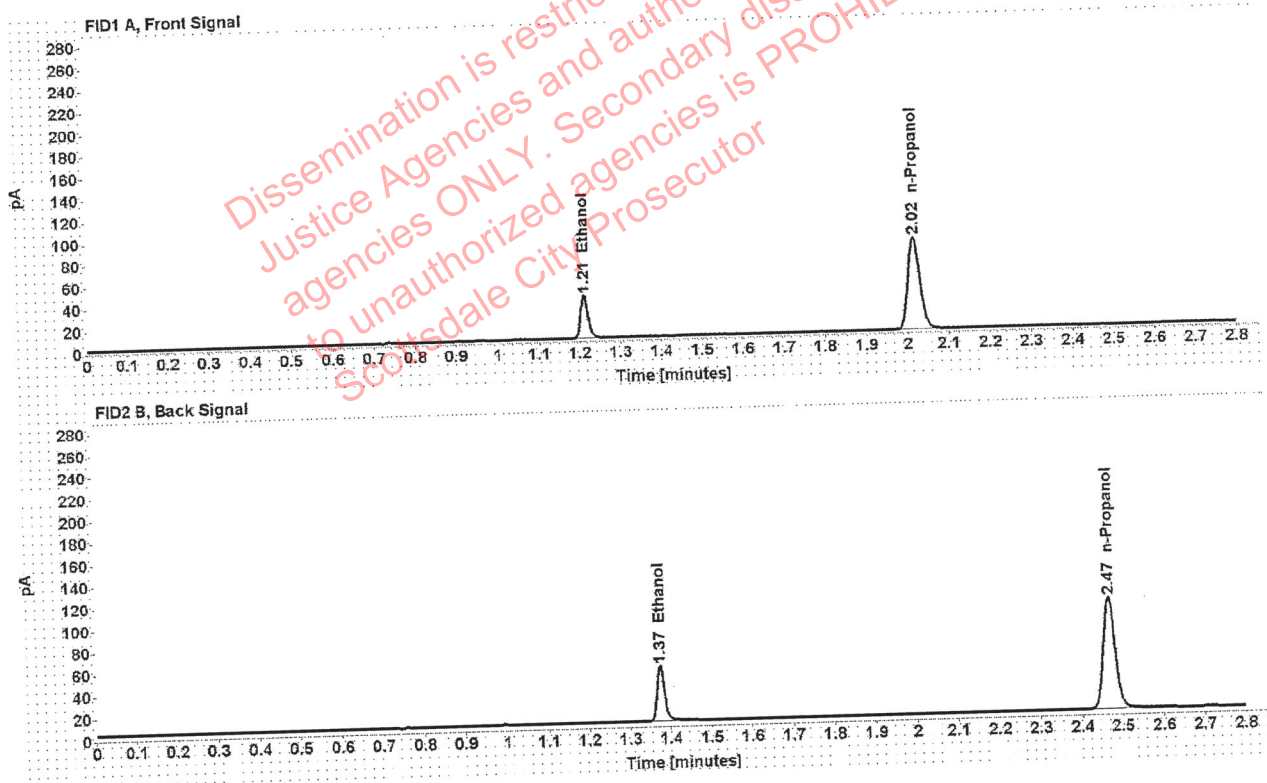


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0818	1.211	50.505
n-Propanol	-----	2.017	168.788

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

Compound	Time (min)	Peak Area
Ethanol	1.375	62.858
n-Propanol	2.467	208.228

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 11092018-A	<b>Vial:</b> 64
<b>Description:</b> 0.400	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25May21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/25/2021 7:35:35 PM
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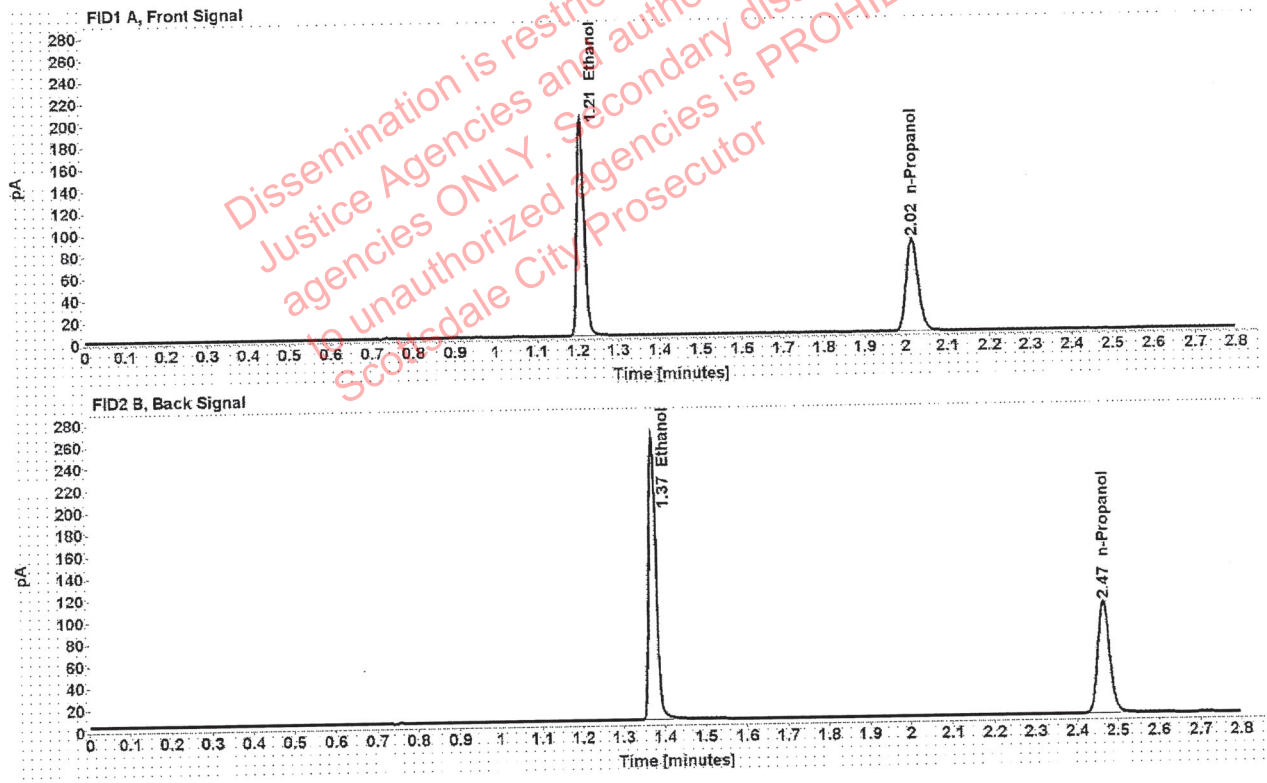


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4042	1.208	253.649
n-Propanol	-----	2.015	169.470

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

Compound	Time (min)	Peak Area
Ethanol	1.372	317.906
n-Propanol	2.466	209.768



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 14082019-B	<b>Vial:</b> 65
<b>Description:</b> 0.040	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25May21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/25/2021 7:39:35 PM
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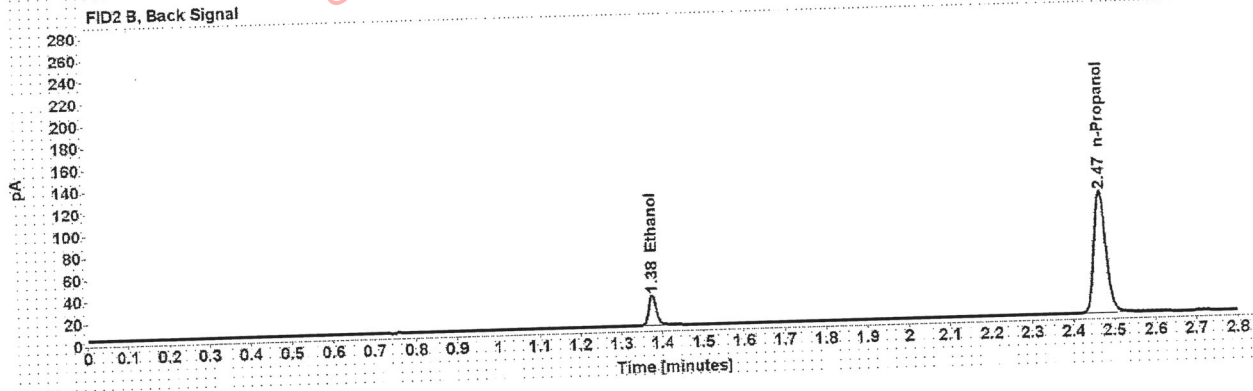
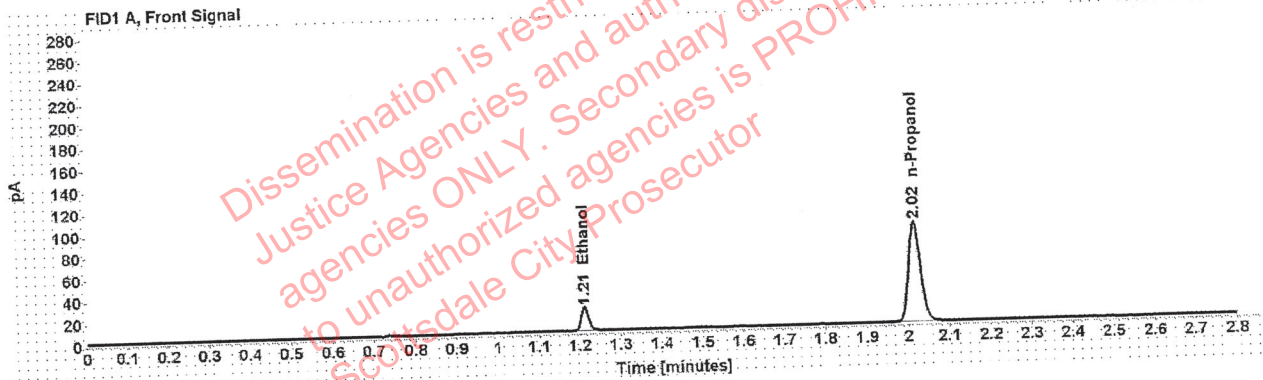


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0420	1.212	27.770
n-Propanol	-----	2.017	183.368

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

Compound	Time (min)	Peak Area
Ethanol	1.375	34.539
n-Propanol	2.467	226.388

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 66
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 7:43:35 PM
Data file: C:\Chem32\11\Data\25May21\66.D	Analyst: Canonico <i>EC</i>

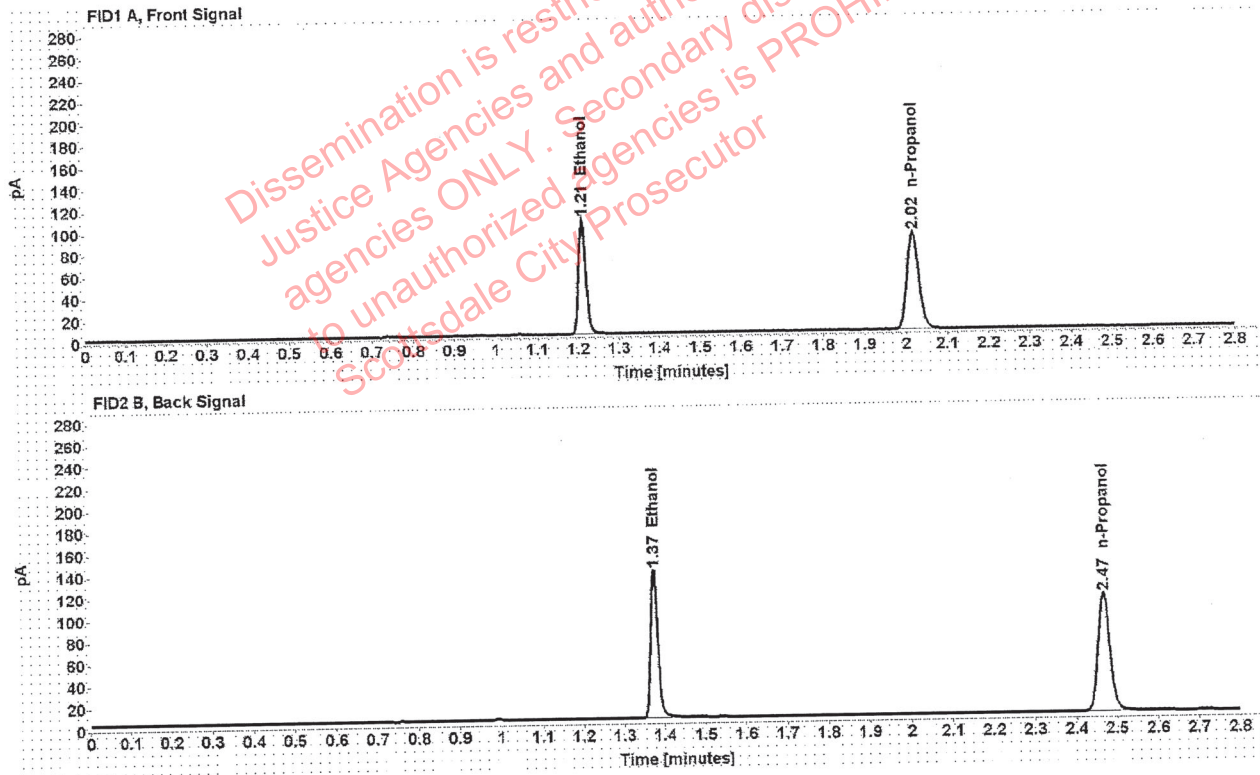


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2051	1.210	134.509
n-Propanol	-----	2.017	177.628

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

Compound	Time (min)	Peak Area
Ethanol	1.374	168.315
n-Propanol	2.468	219.584

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 111020WB	<b>Vial:</b> 67
<b>Description:</b> Negative	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25May21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/25/2021 7:47:51 PM
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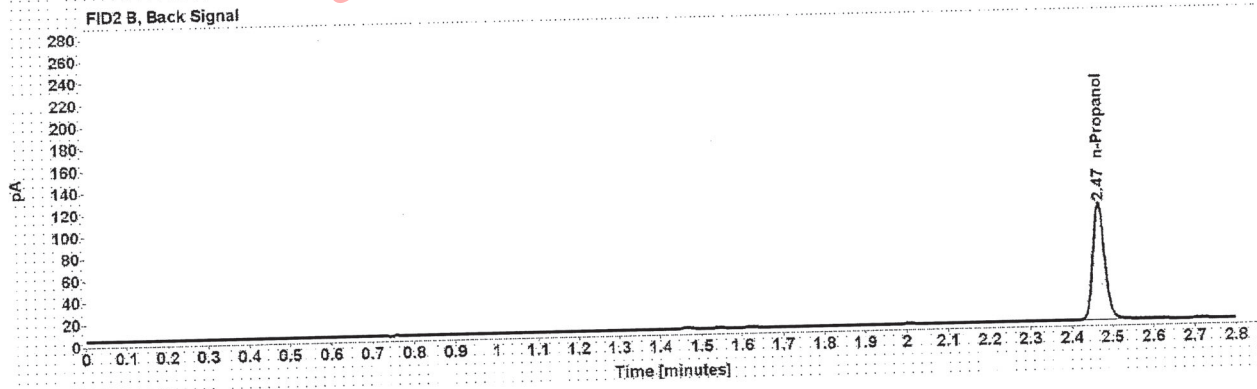
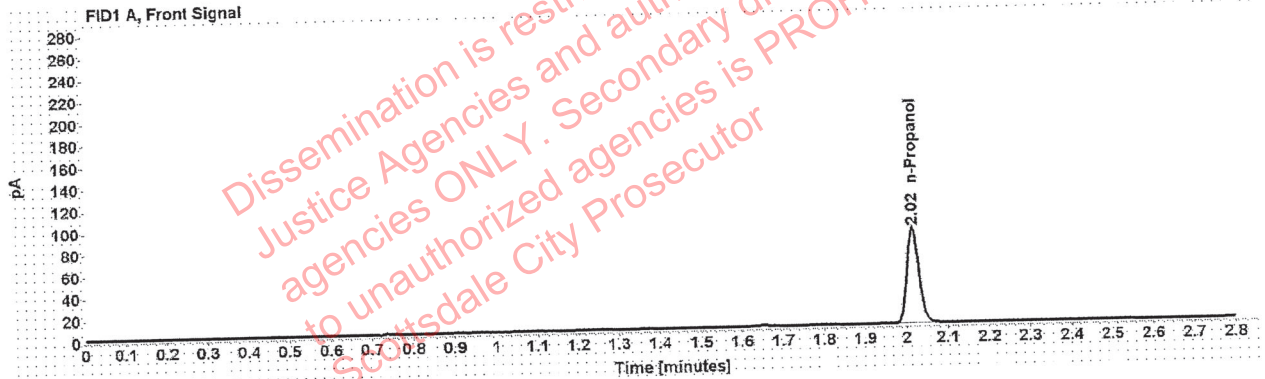


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	175.115

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	216.803

# Sequence Summary

Sequence name: 25May21      Instrument: US14173023 CN14160045      Analyst: Canonico ee

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	031021AQ	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	1367222		Sample		ethanol quant.M
11	1367222		Sample		ethanol quant.M
12	33801DA		Sample		ethanol quant.M
13	33801DA		Sample		ethanol quant.M
14	34001GG		Sample		ethanol quant.M
15	34001GG		Sample		ethanol quant.M
16	33801MM		Sample		ethanol quant.M
17	33801MM		Sample		ethanol quant.M
18	1349452		Sample		ethanol quant.M
19	1349452		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1373042		Sample		ethanol quant.M
22	1373042		Sample		ethanol quant.M
23	1372769		Sample		ethanol quant.M
24	1372769		Sample		ethanol quant.M
25	1373032		Sample		ethanol quant.M
26	1373032		Sample		ethanol quant.M
27	1371943		Sample		ethanol quant.M
28	1371943		Sample		ethanol quant.M
29	1373199		Sample		ethanol quant.M
30	1373199		Sample		ethanol quant.M
31	03102016-A/1	0.080	Control		ethanol quant.M
32	1372689		Sample		ethanol quant.M
33	1372689		Sample		ethanol quant.M
34	1372455		Sample		ethanol quant.M
35	1372455		Sample		ethanol quant.M
36	1373417		Sample		ethanol quant.M
37	1373417		Sample		ethanol quant.M
38	1373514		Sample		ethanol quant.M
39	1373514		Sample		ethanol quant.M
40	1345723		Sample		ethanol quant.M
41	1345723		Sample		ethanol quant.M
42	4101018274/9	0.200	Control		ethanol quant.M
43	1370234		Sample		ethanol quant.M
44	1370234		Sample		ethanol quant.M
45	1373792		Sample		ethanol quant.M
46	1373792		Sample		ethanol quant.M
47	1373333		Sample		ethanol quant.M

## Sequence Summary

ee

48	1373333		Sample		ethanol quant.M
49	1373424		Sample		ethanol quant.M
50	1373424		Sample		ethanol quant.M
51	1373493		Sample		ethanol quant.M
52	1373493		Sample		ethanol quant.M
53	03102016-A/1	0.080	Control		ethanol quant.M
54	1373218		Sample		ethanol quant.M
55	1373218		Sample		ethanol quant.M
56	1374026		Sample		ethanol quant.M
57	1374026		Sample		ethanol quant.M
58	1373592		Sample		ethanol quant.M
59	1373592		Sample		ethanol quant.M
60	1374001		Sample		ethanol quant.M
61	1374001		Sample		ethanol quant.M
62	1372249		Sample		ethanol quant.M
63	1372249		Sample		ethanol quant.M
64	11092018-A	0.400	Control		ethanol quant.M
65	14082019-B	0.040	Control		ethanol quant.M
66	4101018274/9	0.200	Control		ethanol quant.M
67	111020WB	Negative	Control		ethanol quant.M

# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 25May21

ANALYST: Canonico

82

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1644	0.1623	0.16335	0.64	0.00105
12 13	0.2018	0.2037	0.20275	0.47	0.00095
14 15	0.3317	0.3323	0.33200	0.09	0.00030
16 17	0.1349	0.1354	0.13515	0.18	0.00025
18 19	0.2963	0.2989	0.29760	0.44	0.00130
21 22	0.1395	0.1387	0.13910	0.29	0.00040
23 24	0.0951	0.0953	0.09520	0.11	0.00010
25 26	0.0763	0.0766	0.07645	0.20	0.00015
27 28	0.0880	0.0888	0.08840	0.45	0.00040
29 30	0.1068	0.1064	0.10660	0.19	0.00020
32 33	0.0069	0.0000	0.00345	100.00 **	0.00345
34 35	0.1133	0.1135	0.11340	0.09	0.00010
36 37	0.1968	0.1945	0.19565	0.59	0.00115
38 39	0.2022	0.2018	0.20200	0.10	0.00020
40 41	0.1693	0.1693	0.16930	0.00	0.00000
43 44	0.1744	0.1727	0.17355	0.49	0.00085
45 46	0.2598	0.2589	0.25935	0.17	0.00045
47 48	0.1525	0.1504	0.15145	0.69	0.00105
49 50	0.1753	0.1742	0.17475	0.31	0.00055
51 52	0.2534	0.2521	0.25275	0.26	0.00065
54 55	0.2910	0.2895	0.29025	0.26	0.00075
56 57	0.1881	0.1917	0.18990	0.95	0.00180
58 59	0.0000	0.0000	0.00000	0.00	0.00000
60 61	0.1386	0.1377	0.13815	0.33	0.00045
62 63	0.0807	0.0809	0.08080	0.12	0.00010

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

\*\*Ethanol concentration is below our detection limit.



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1367222	Vial:	10
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 3:57:21 PM
Data file:	C:\Chem32\1\Data\25May21\10.D	Analyst:	Canonico

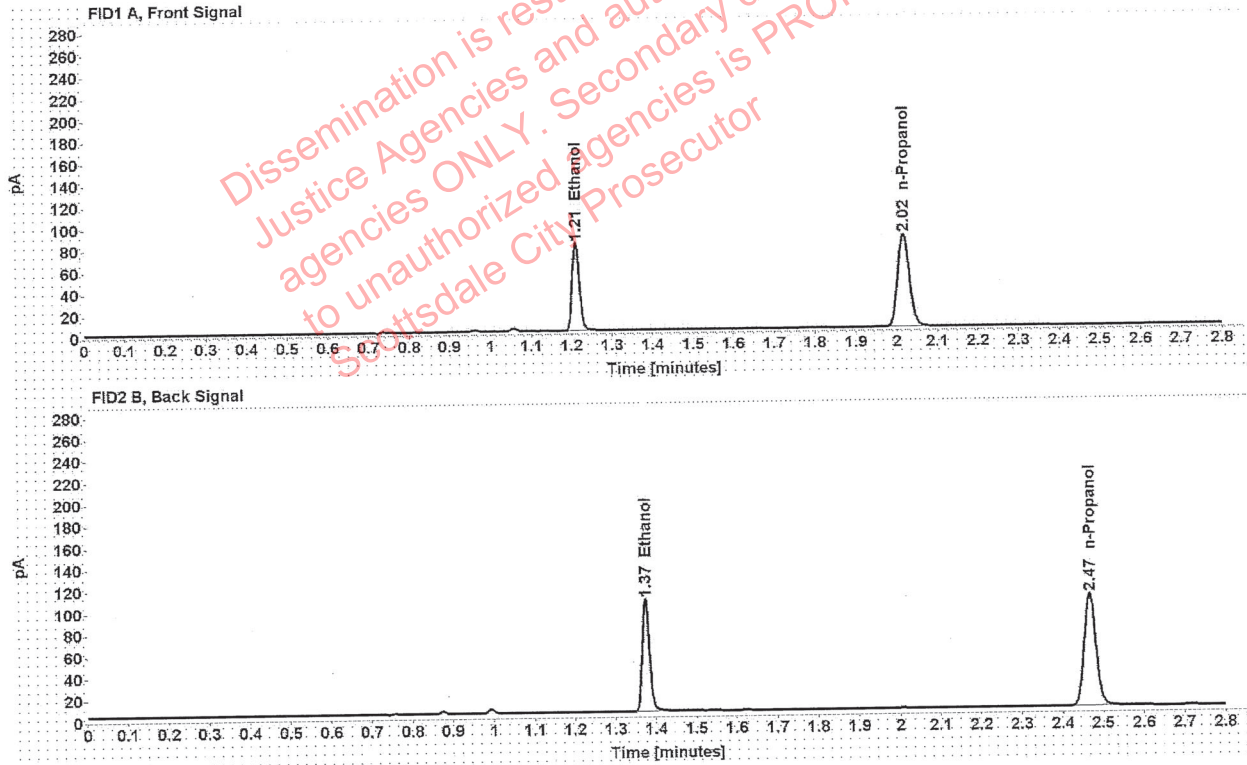


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1644	1.210	103.381
n-Propanol	-----	2.017	170.652

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

Compound	Time (min)	Peak Area
Ethanol	1.374	128.219
n-Propanol	2.467	209.790



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1367222	Vial:	11
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:01:20 PM
Data file:	C:\Chem32\1\Data\25May21\11.D	Analyst:	Canonico

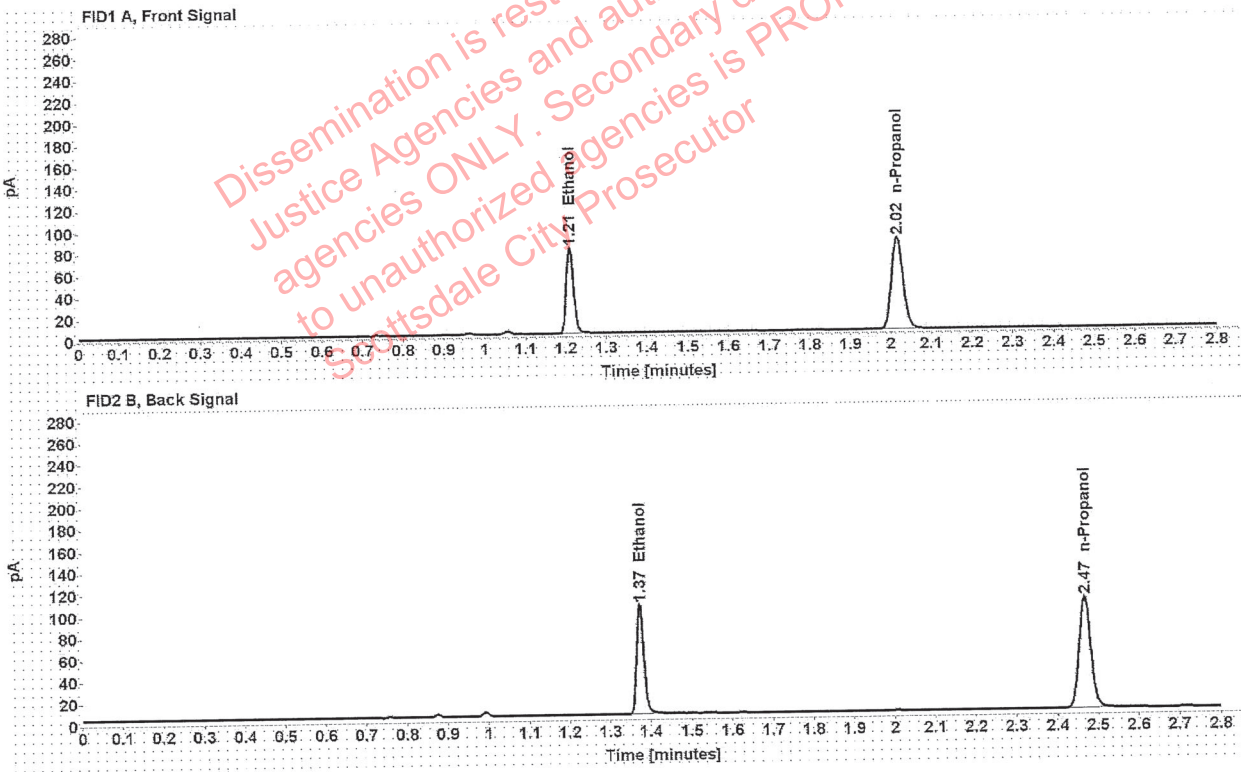


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1623	1.210	101.180
n-Propanol	-----	2.016	169.105

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

Compound	Time (min)	Peak Area
Ethanol	1.374	125.382
n-Propanol	2.467	207.807

[REDACTED]: Canonico, Erika - (26-May-2021)

Case: [REDACTED] User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801DA	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:05:21 PM
Data file:	C:\Chem32\11\Data\25May21\12.D	Analyst:	Canonico

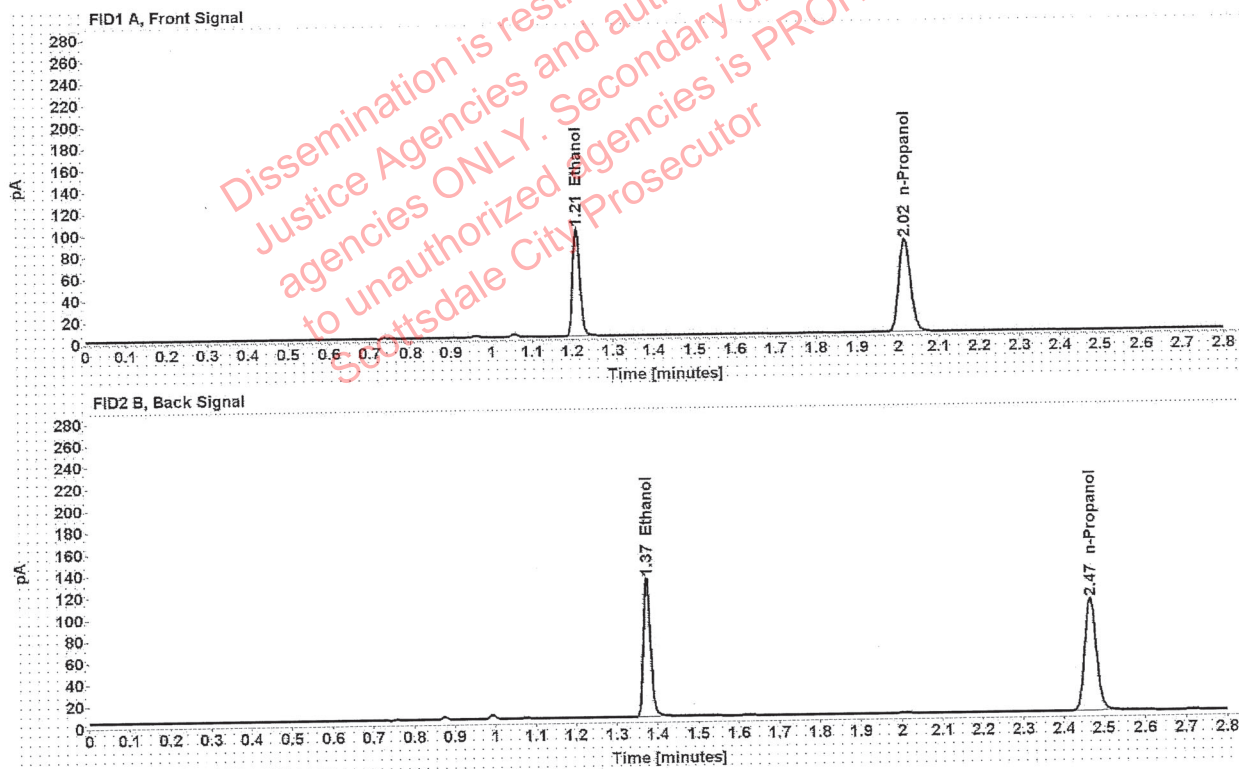


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2018	1.210	126.949
n-Propanol	-----	2.016	170.432

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.633
n-Propanol	2.467	209.531

██████████ : Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801DA	Vial:	13
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:09:36 PM
Data file:	C:\Chem32\1\Data\25May21\13.D	Analyst:	Canonico

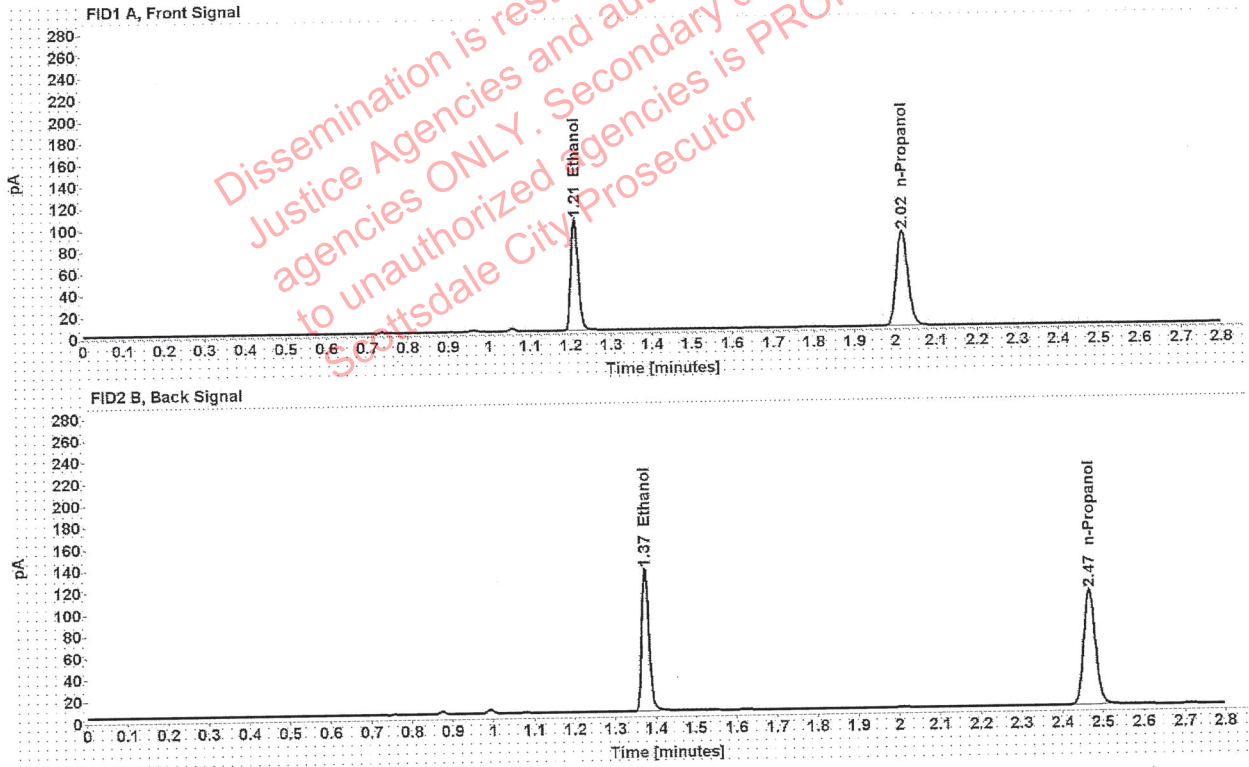


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2037	1.210	130.954
n-Propanol	-----	2.016	174.151

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

Compound	Time (min)	Peak Area
Ethanol	1.374	162.208
n-Propanol	2.467	214.075

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001GG	Vial:	14
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:13:35 PM
Data file:	C:\Chem32\1\Data\25May21\14.D	Analyst:	Canonico

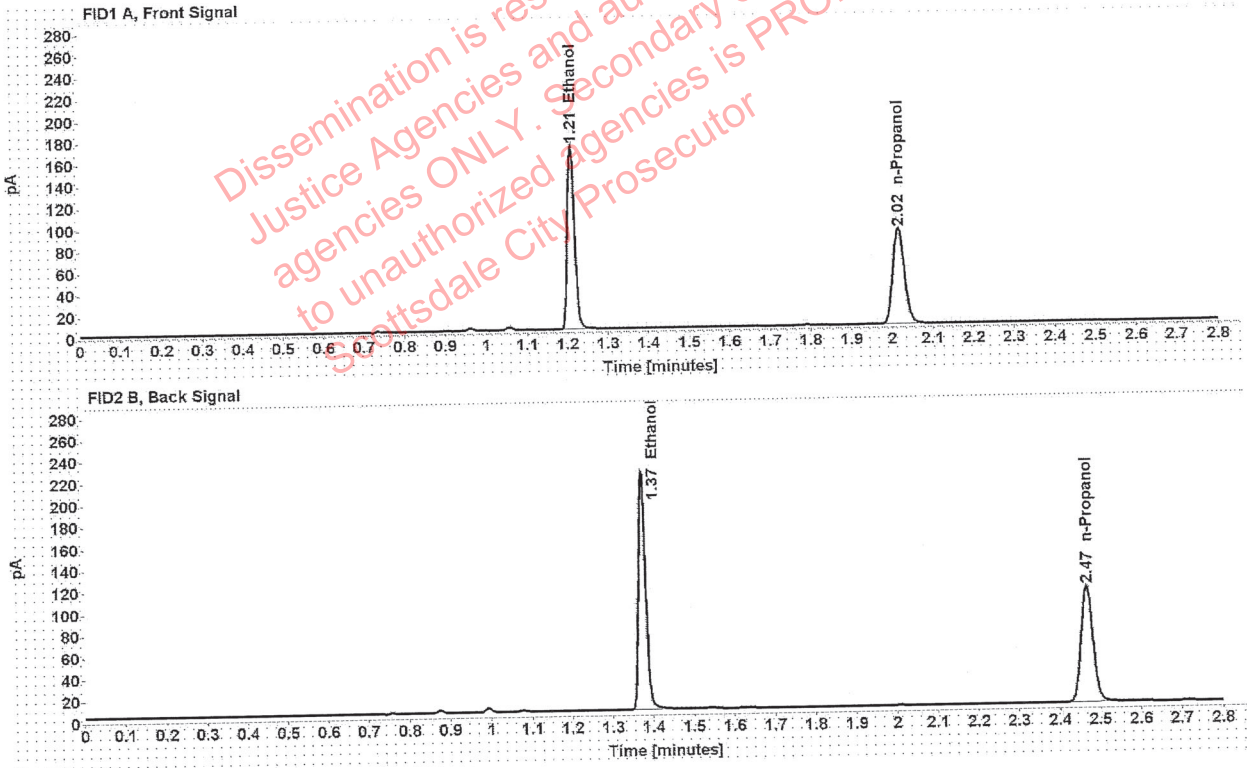


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3317	1.210	216.302
n-Propanol	-----	2.016	176.257

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

Compound	Time (min)	Peak Area
Ethanol	1.374	269.435
n-Propanol	2.467	216.724

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001GG	Vial:	15
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:17:36 PM
Data file:	C:\Chem32\1\Data\25May21\15.D	Analyst:	Canonico

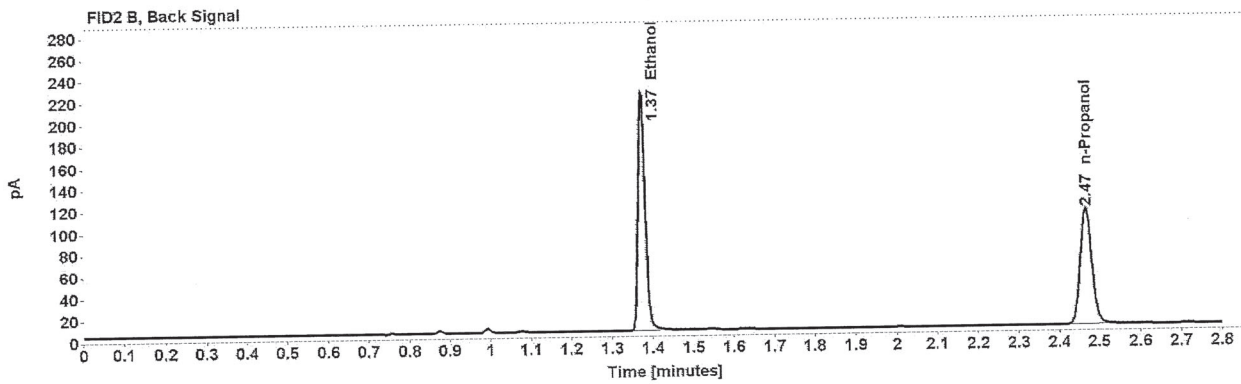
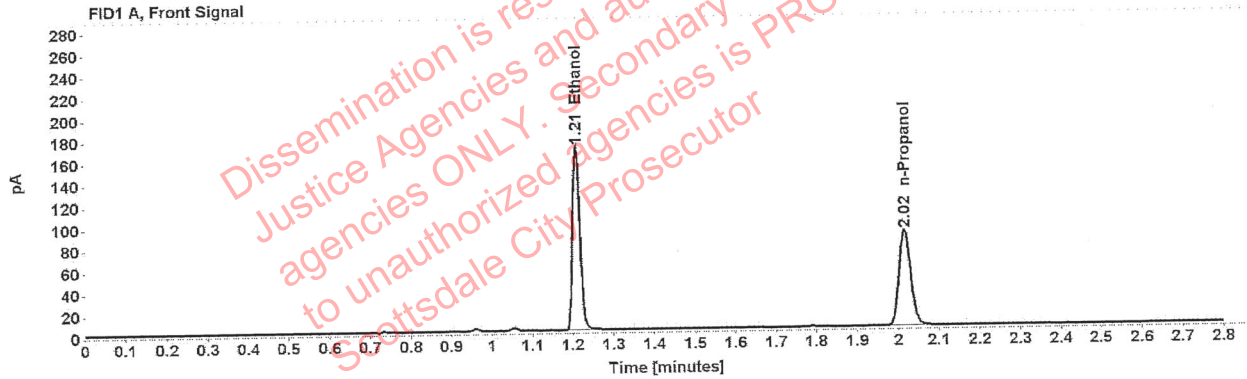


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3323	1.209	216.184
n-Propanol	-----	2.016	175.810

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

Compound	Time (min)	Peak Area
Ethanol	1.374	269.449
n-Propanol	2.467	216.342

Case: [REDACTED]: Canonico, Erika - (26-May-2021)

User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801MM	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:21:36 PM
Data file:	C:\Chem32\1\Data\25May21\16.D	Analyst:	Canonico

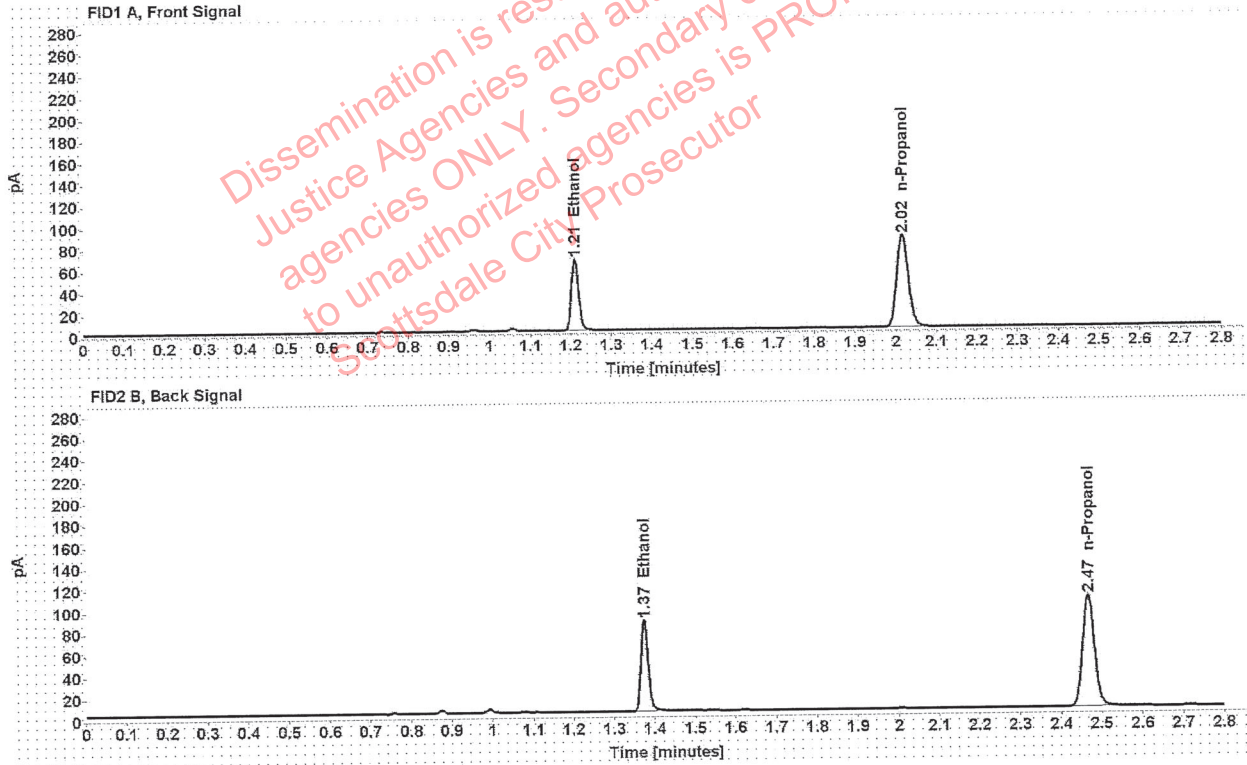


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1349	1.210	84.245
n-Propanol	-----	2.016	169.725

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

Compound	Time (min)	Peak Area
Ethanol	1.374	104.582
n-Propanol	2.467	208.638

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801MM	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:25:36 PM
Data file:	C:\Chem32\11\Data\25May21\17.D	Analyst:	Canonico

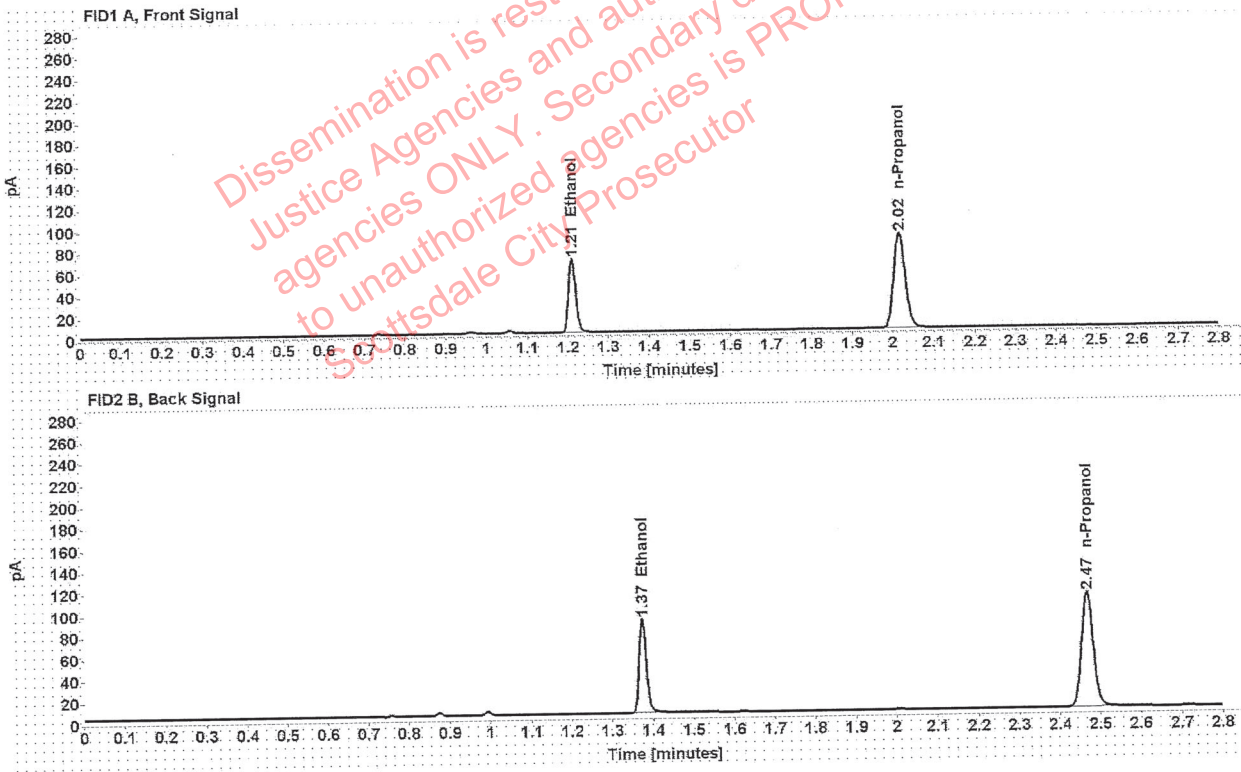


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1354	1.210	86.734
n-Propanol	-----	2.016	174.018

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

Compound	Time (min)	Peak Area
Ethanol	1.374	107.643
n-Propanol	2.467	214.255

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1349452	Vial:	18
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:29:36 PM
Data file:	C:\Chem32\1\Data\25May21\18.D	Analyst:	Canonico

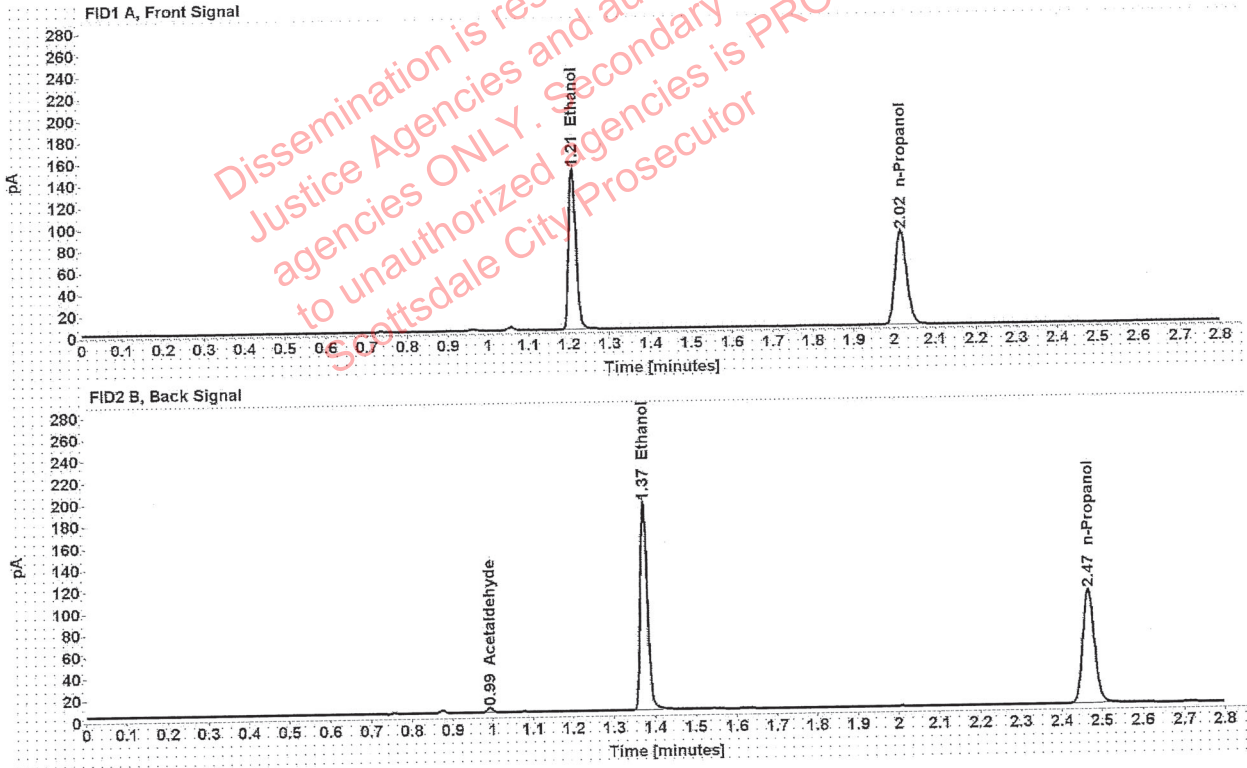


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2963	1.210	189.333
n-Propanol	-----	2.017	172.787

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.051
Ethanol	1.374	235.998
n-Propanol	2.467	212.853



### Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 1349452	<b>Vial:</b> 19
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25May21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/25/2021 4:33:51 PM
<b>Data file:</b> C:\Chem3211\Data\25May21\19.D	<b>Analyst:</b> Canonico

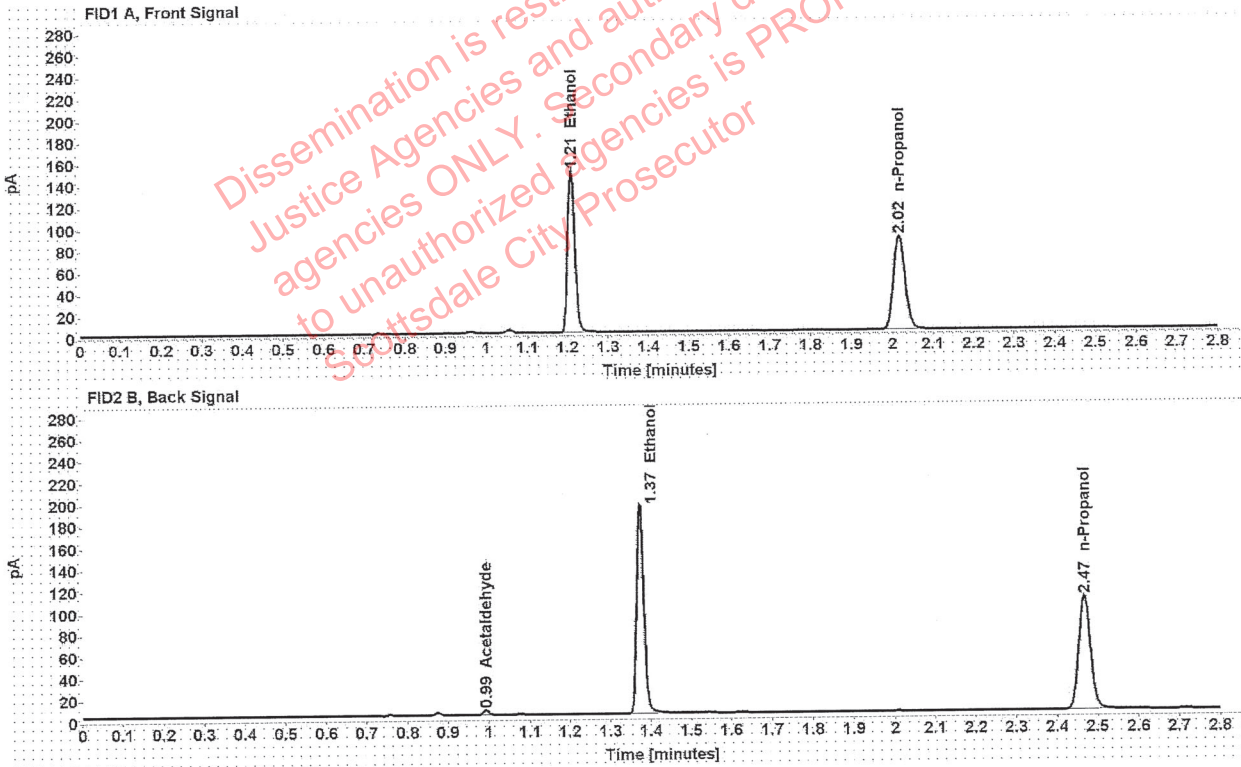


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2989	1.210	190.659
n-Propanol	-----	2.017	172.461

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.995
Ethanol	1.374	237.411
n-Propanol	2.467	212.348

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373042	Vial:	21
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:41:50 PM
Data file:	C:\Chem32\1\Data\25May21\21.D	Analyst:	Canonico

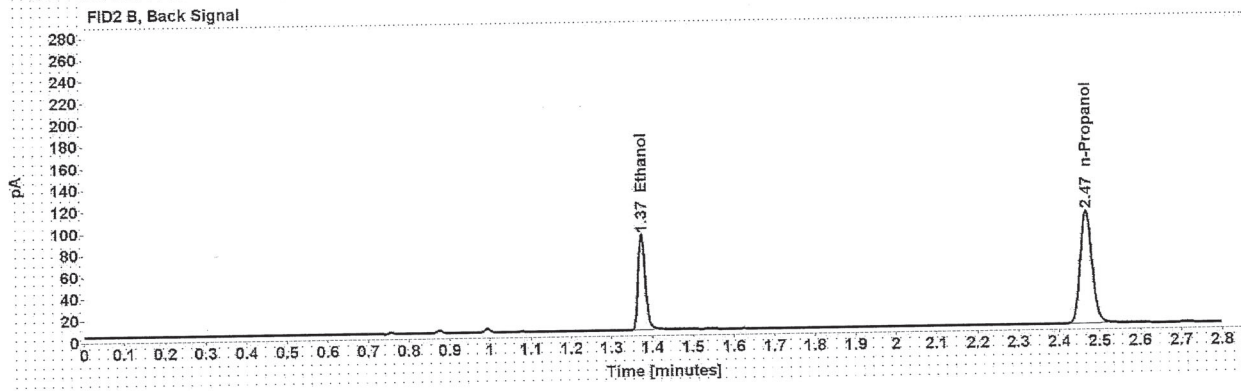
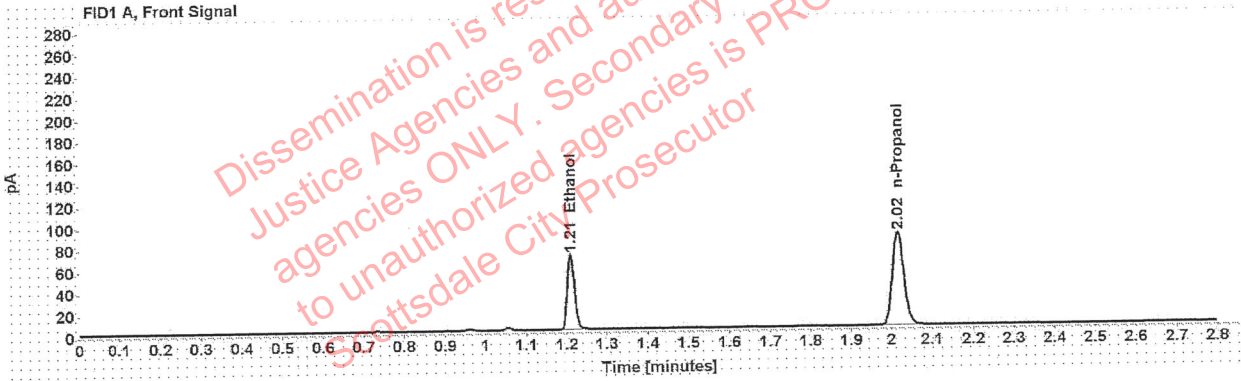


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1395	1.210	88.114
n-Propanol	-----	2.016	171.540

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

Compound	Time (min)	Peak Area
Ethanol	1.374	109.335
n-Propanol	2.467	211.089

██████████ Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373042	Vial:	22
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:45:51 PM
Data file:	C:\Chem32\1\Data\25May21\22.D	Analyst:	Canonico

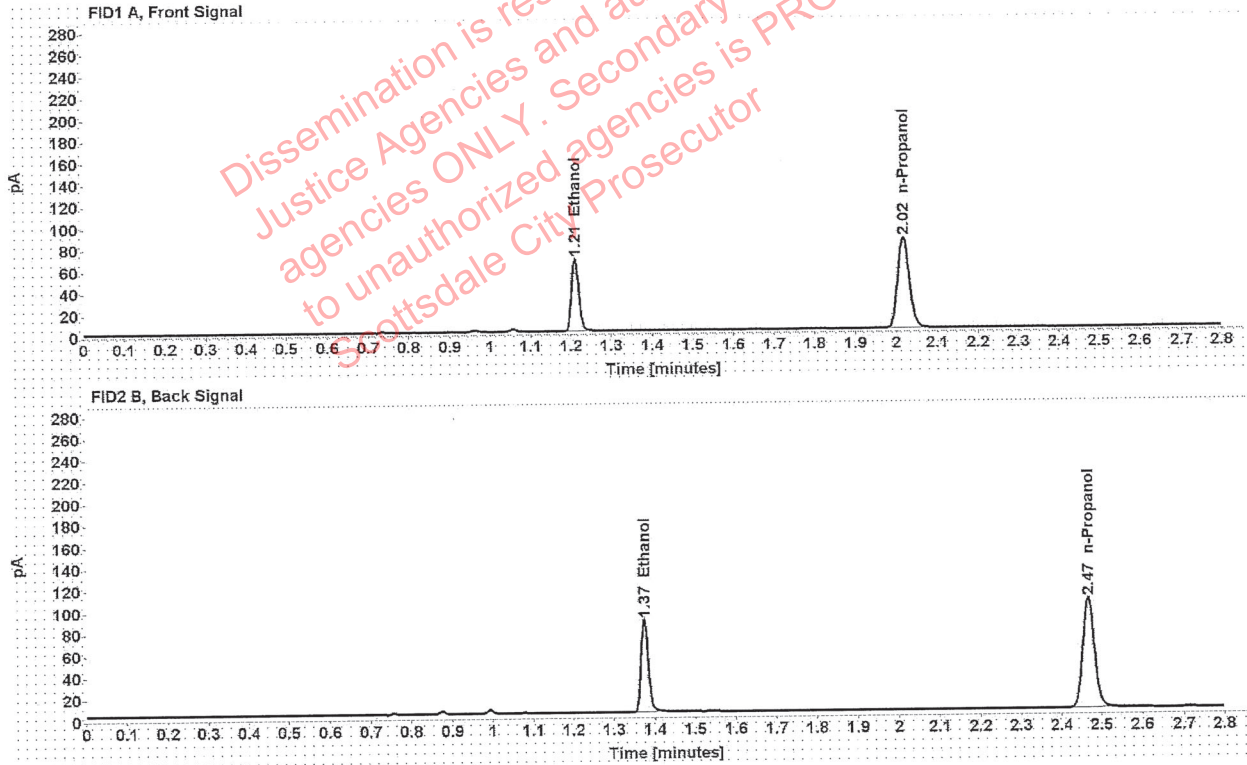


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1387	1.210	85.514
n-Propanol	-----	2.016	167.521

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

Compound	Time (min)	Peak Area
Ethanol	1.374	105.998
n-Propanol	2.467	206.011

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372769	Vial:	23
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:49:51 PM
Data file:	C:\Chem32\1\Data\25May21\23.D	Analyst:	Canonico

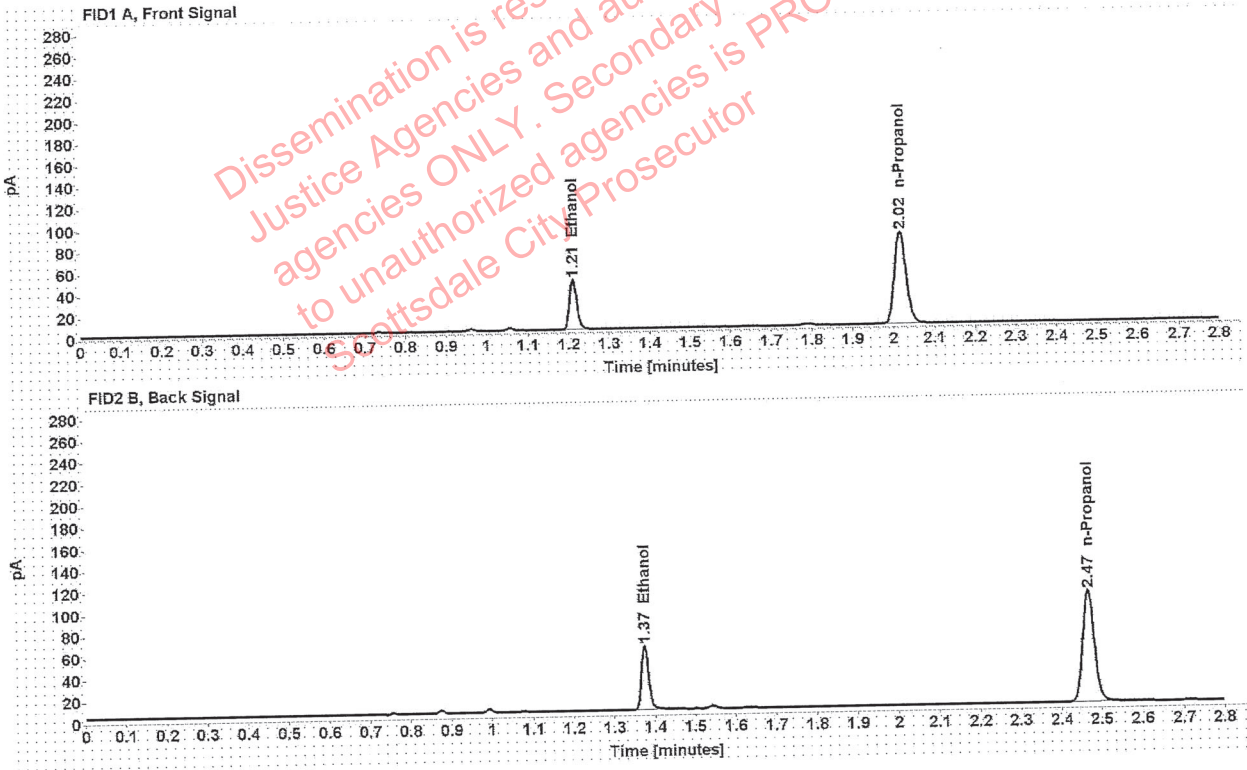


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0951	1.211	59.142
n-Propanol	-----	2.016	169.673

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

Compound	Time (min)	Peak Area
Ethanol	1.375	73.192
n-Propanol	2.467	208.152

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372769	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:53:50 PM
Data file:	C:\Chem32\1\Data\25May21\24.D	Analyst:	Canonico

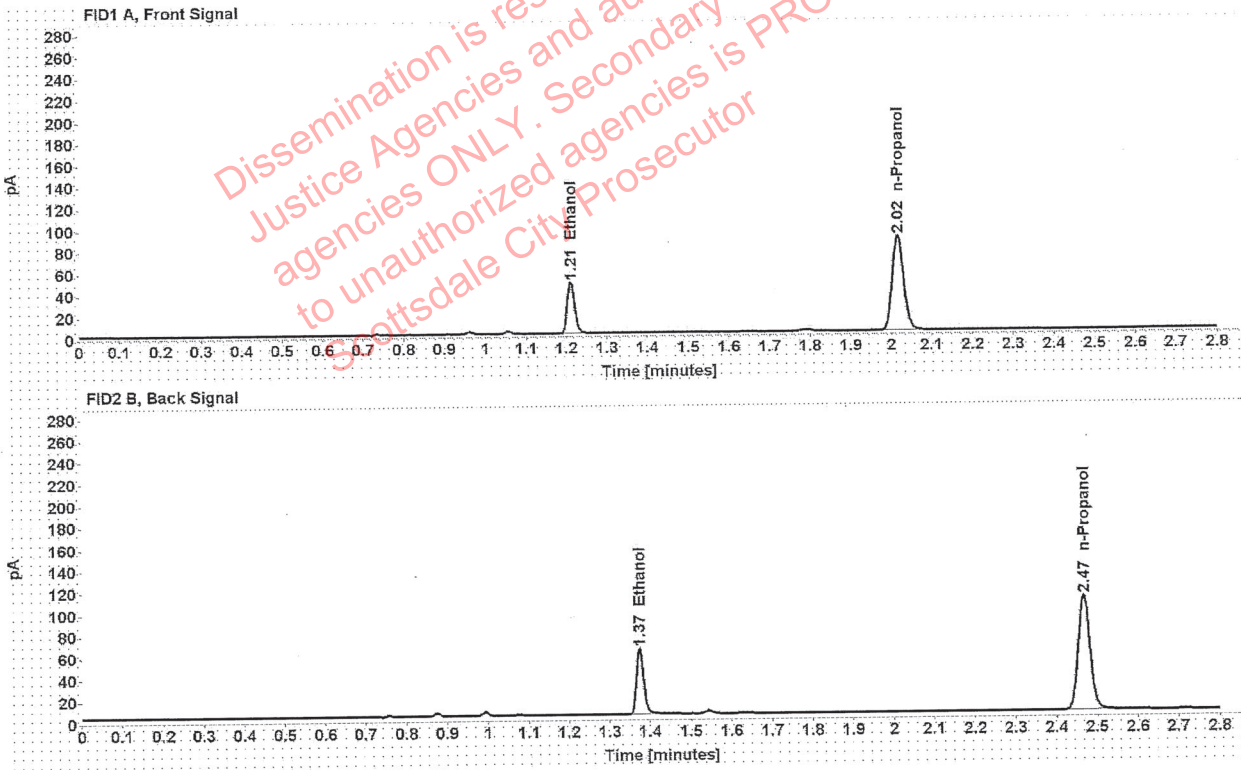


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0953	1.211	60.936
n-Propanol	-----	2.016	174.451

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

Compound	Time (min)	Peak Area
Ethanol	1.375	75.359
n-Propanol	2.467	214.186

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373032	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 4:58:07 PM
Data file:	C:\Chem32\1\Data\25May21\25.D	Analyst:	Canonico

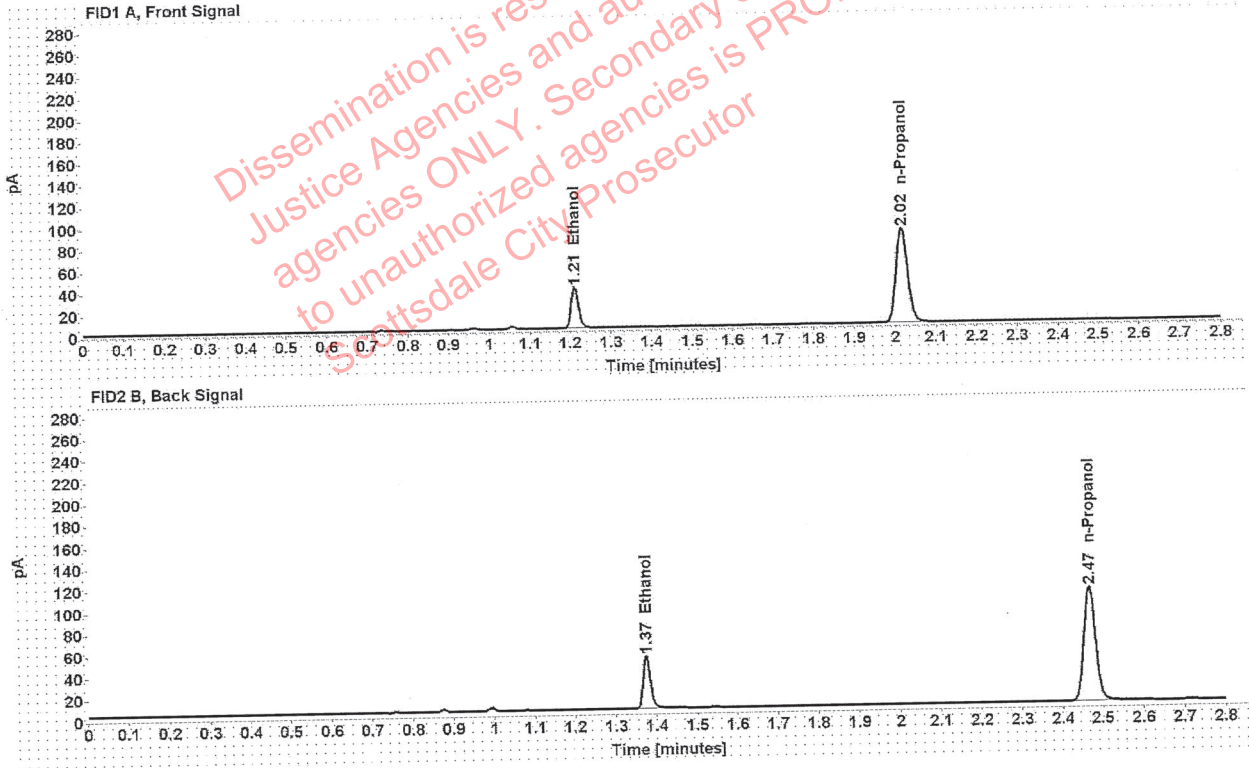


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0763	1.211	48.481
n-Propanol	-----	2.016	173.839

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

Compound	Time (min)	Peak Area
Ethanol	1.375	59.882
n-Propanol	2.467	213.884

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373032	Vial:	26
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:02:05 PM
Data file:	C:\Chem32\1\Data\25May21\26.D	Analyst:	Canonico

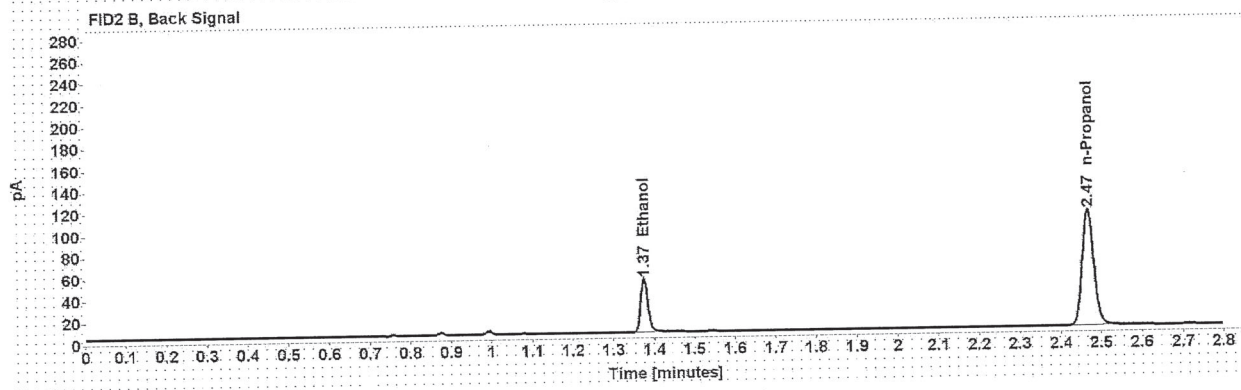
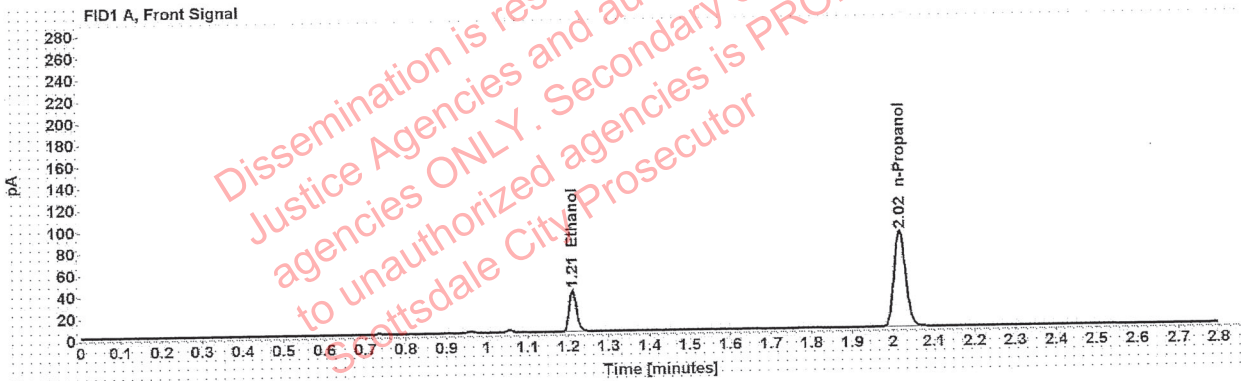


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0766	1.211	49.380
n-Propanol	-----	2.017	176.449

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

Compound	Time (min)	Peak Area
Ethanol	1.375	61.023
n-Propanol	2.467	217.294

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371943	Vial:	27
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:06:06 PM
Data file:	C:\Chem32\1\Data\25May21\27.D	Analyst:	Canonico

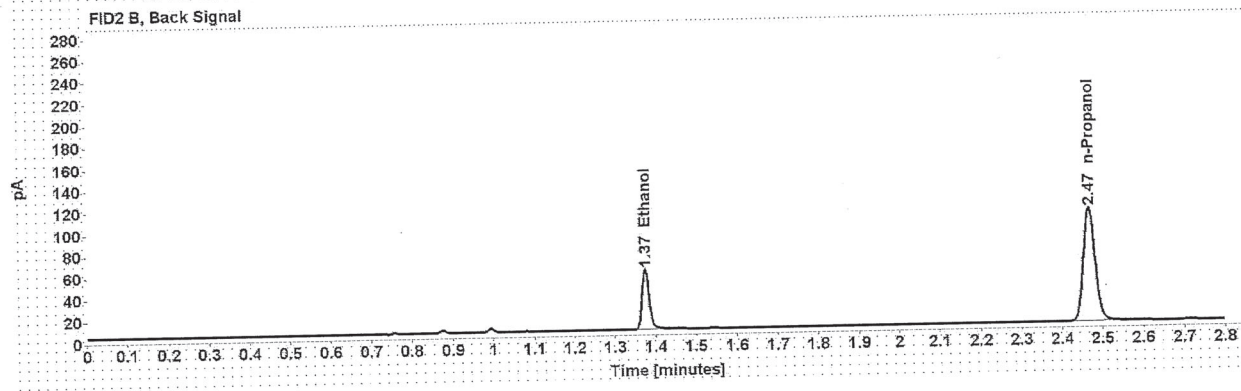
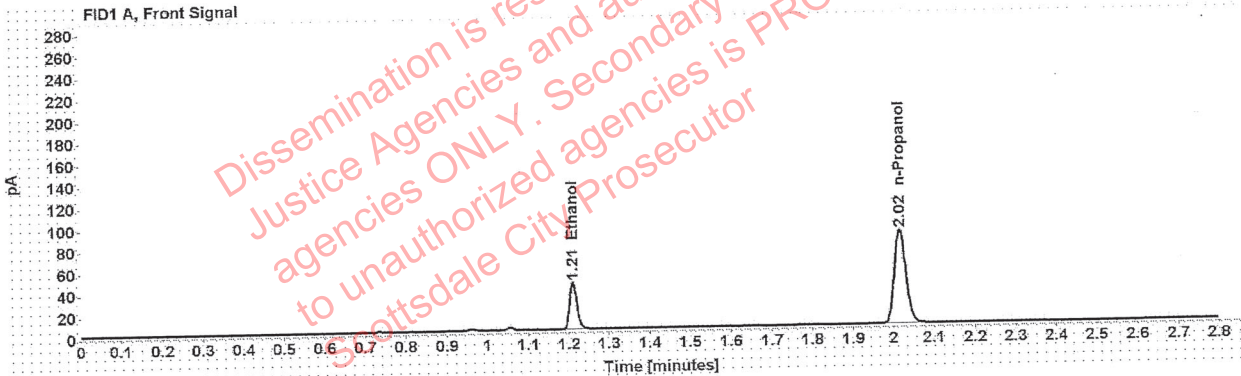


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0880	1.211	55.635
n-Propanol	-----	2.017	172.673

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

Compound	Time (min)	Peak Area
Ethanol	1.375	68.825
n-Propanol	2.467	212.429



██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371943	Vial:	28
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:10:06 PM
Data file:	C:\Chem32\1\Data\25May21\28.D	Analyst:	Canonico

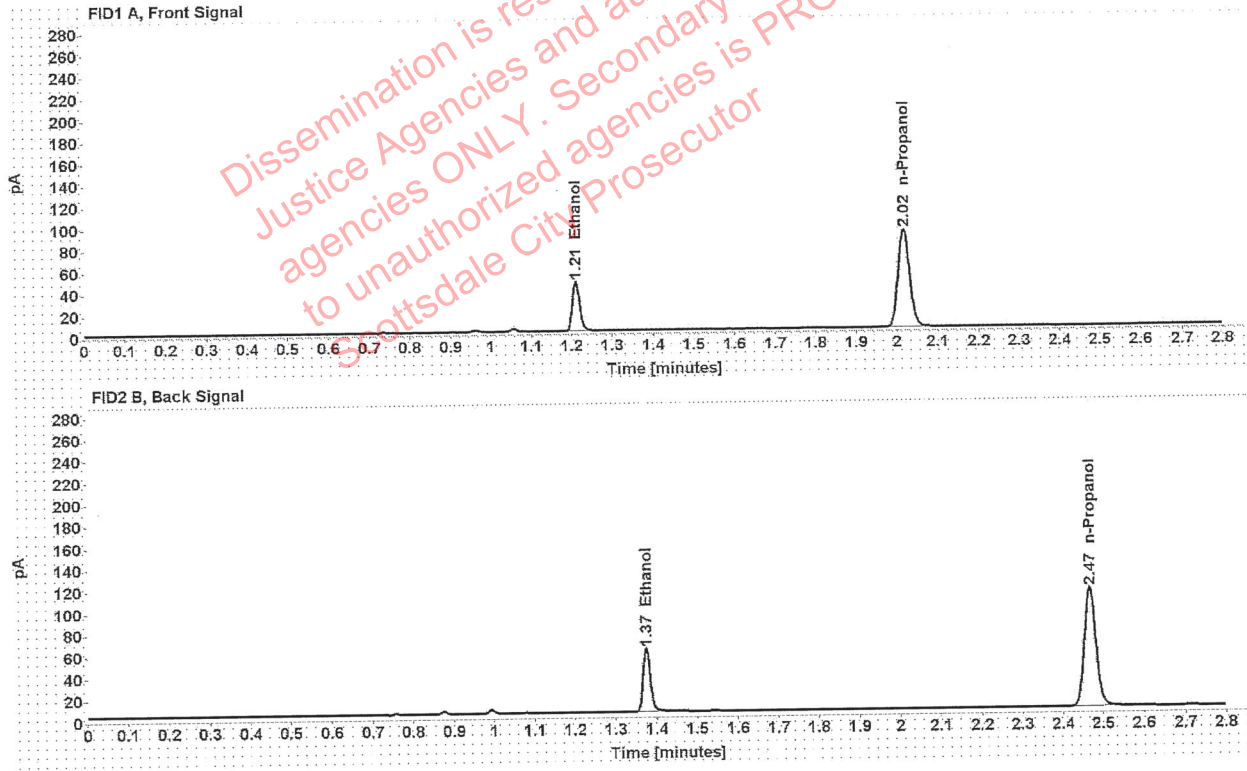


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0888	1.211	58.496
n-Propanol	-----	2.017	179.861

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

Compound	Time (min)	Peak Area
Ethanol	1.375	72.379
n-Propanol	2.467	221.385

[REDACTED]: Canonico, Erika - (26-May-2021)

Case: [REDACTED] User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373199	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:14:06 PM
Data file:	C:\Chem32\1\Data\25May21\29.D	Analyst:	Canonico

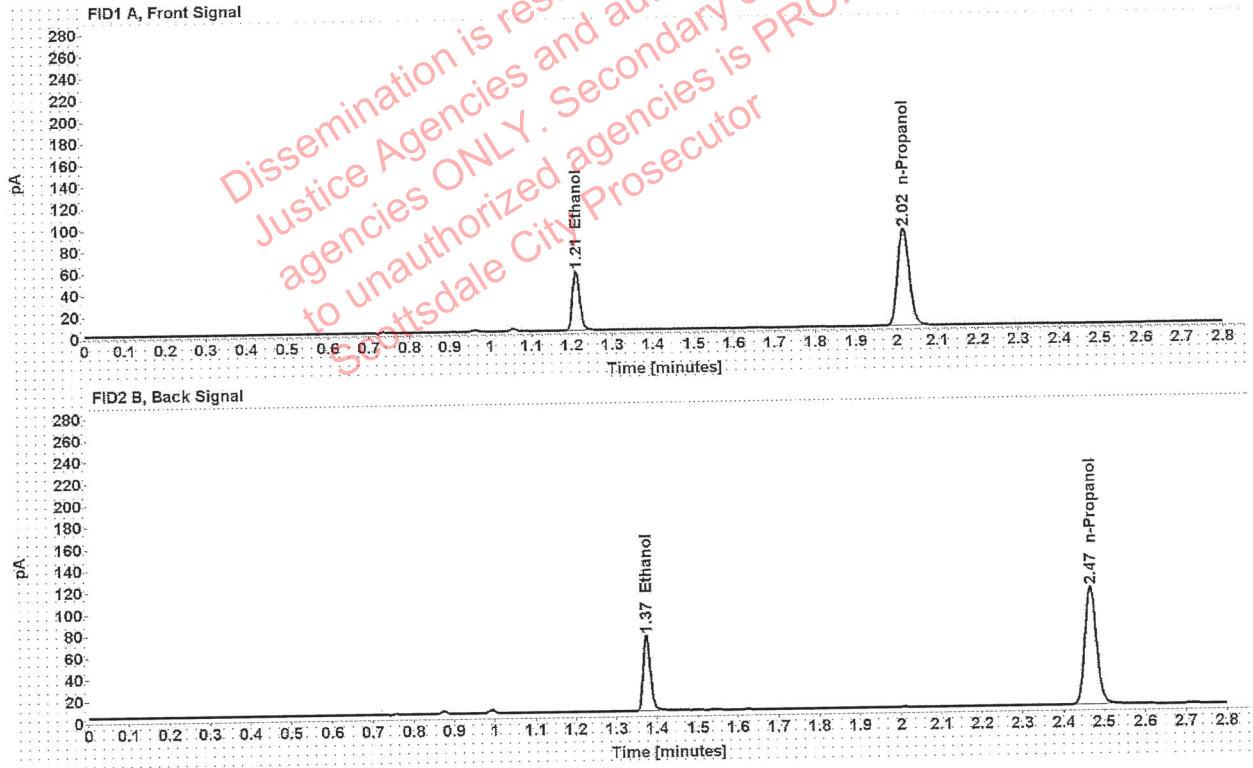


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1068	1.211	70.015
n-Propanol	-----	2.017	178.531

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

Compound	Time (min)	Peak Area
Ethanol	1.374	86.598
n-Propanol	2.467	220.436

[REDACTED] : Canonico, Erika - (26-May-2021)

Case: [REDACTED] User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373199	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:18:06 PM
Data file:	C:\Chem32\1\Data\25May21\30.D	Analyst:	Canonico

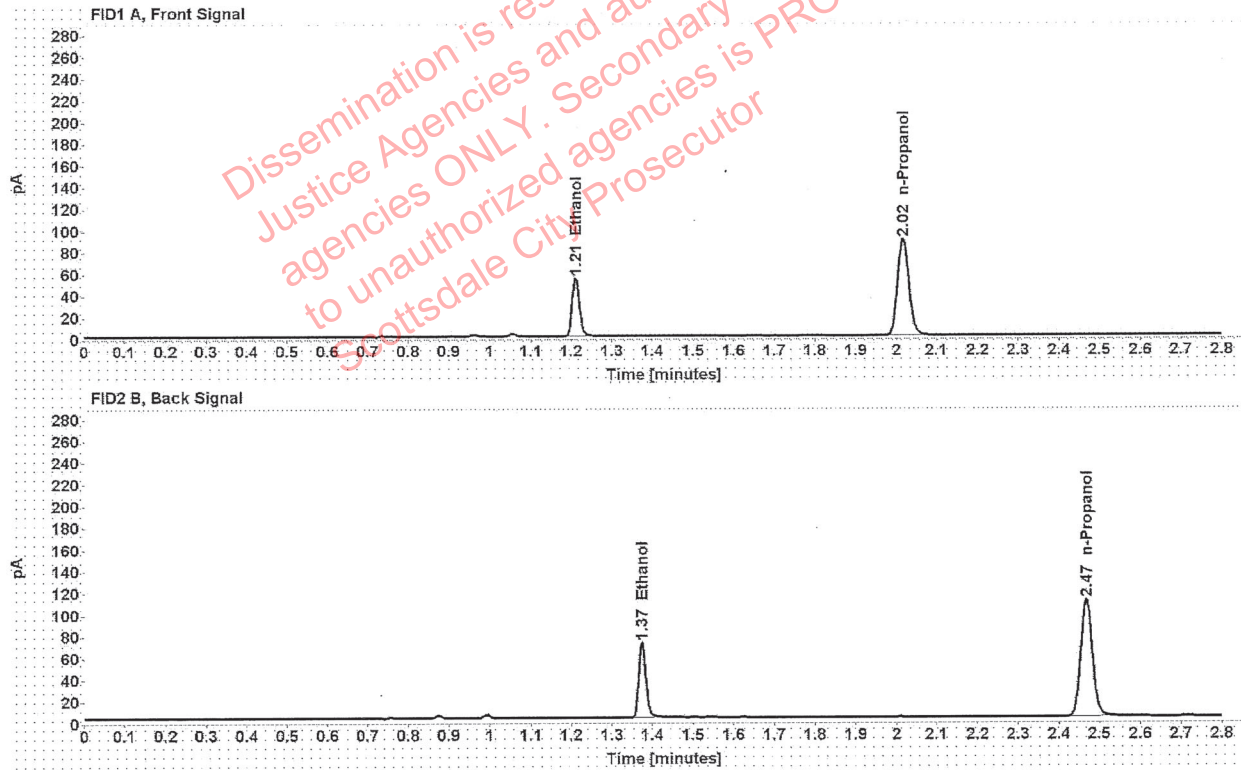


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1064	1.211	69.249
n-Propanol	-----	2.017	177.395

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

Compound	Time (min)	Peak Area
Ethanol	1.375	85.698
n-Propanol	2.467	218.751

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372689	Vial:	32
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:26:20 PM
Data file:	C:\Chem32\1\Data\25May21\32.D	Analyst:	Canonico

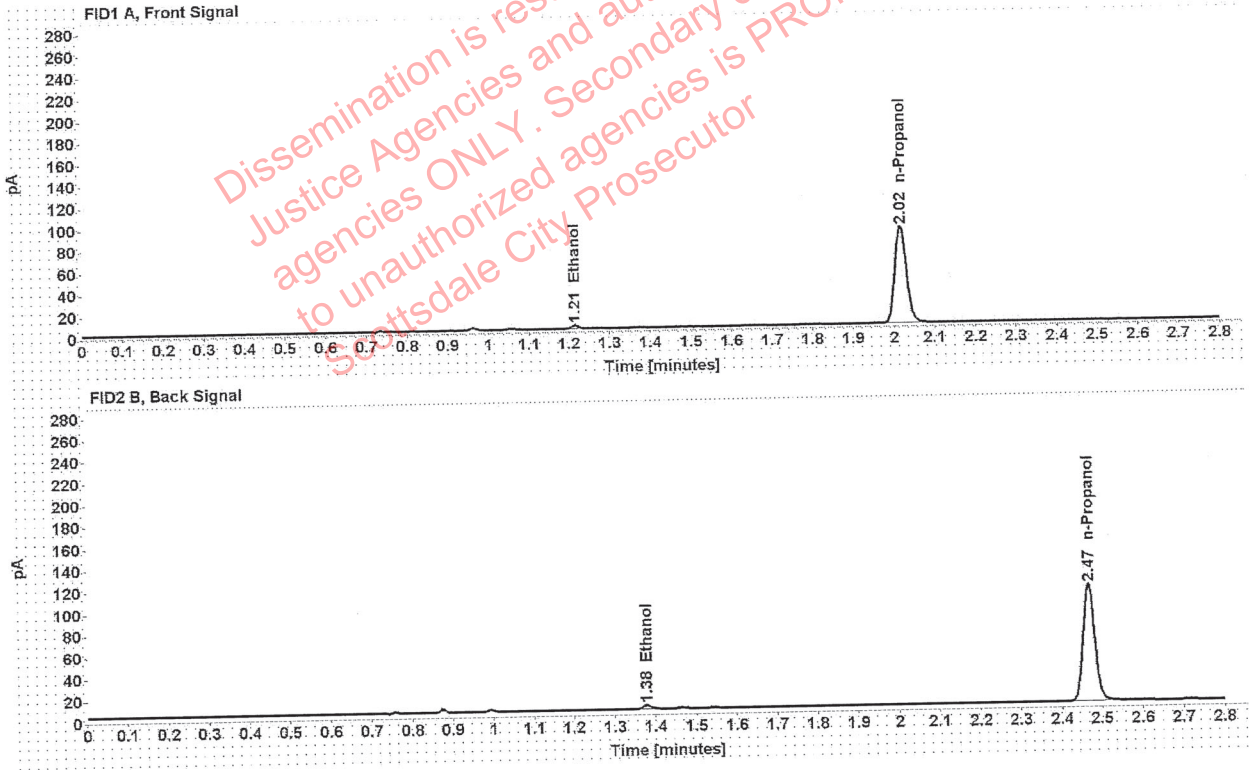


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0069	1.215	3.755
n-Propanol	-----	2.017	178.273

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

Compound	Time (min)	Peak Area
Ethanol	1.378	4.655
n-Propanol	2.467	219.722

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372689	Vial:	33
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:30:20 PM
Data file:	C:\Chem32\1\Data\25May21\33.D	Analyst:	Canonico

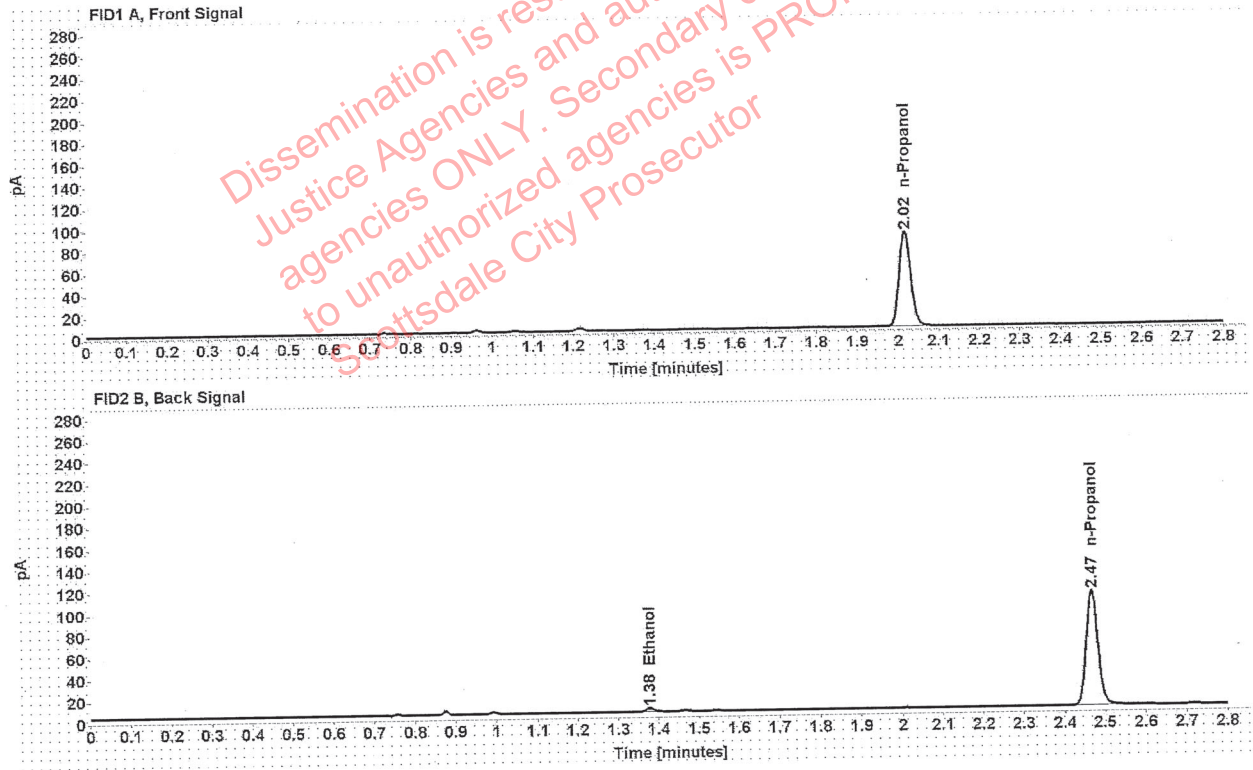


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	174.697

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

Compound	Time (min)	Peak Area
Ethanol	1.378	4.472
n-Propanol	2.467	215.366

Case: ██████████: Canonico, Erika - (26-May-2021)

User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372455	Vial:	34
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:34:20 PM
Data file:	C:\Chem32\1\Data\25May21\34.D	Analyst:	Canonico

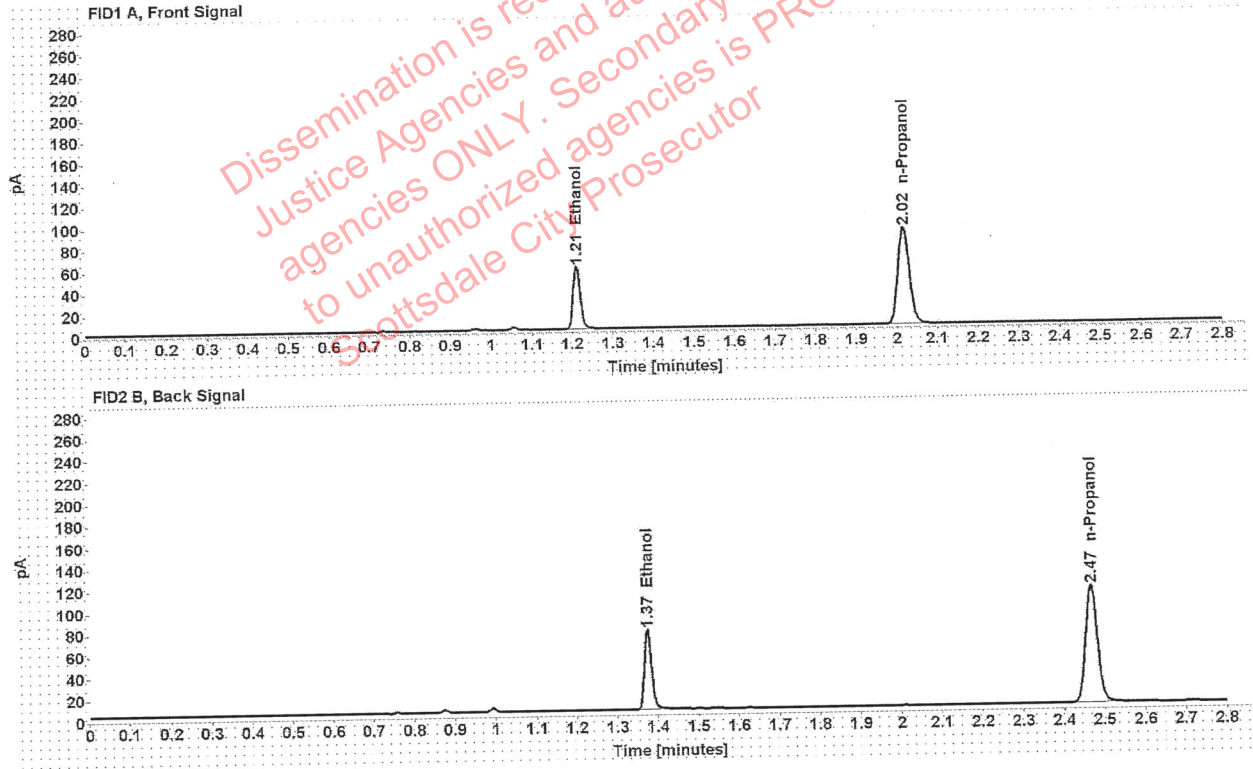


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1133	1.211	73.828
n-Propanol	-----	2.017	177.470

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

Compound	Time (min)	Peak Area
Ethanol	1.375	91.347
n-Propanol	2.467	218.786

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372455	Vial:	35
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:38:20 PM
Data file:	C:\Chem32\1\Data\25May21\35.D	Analyst:	Canonico

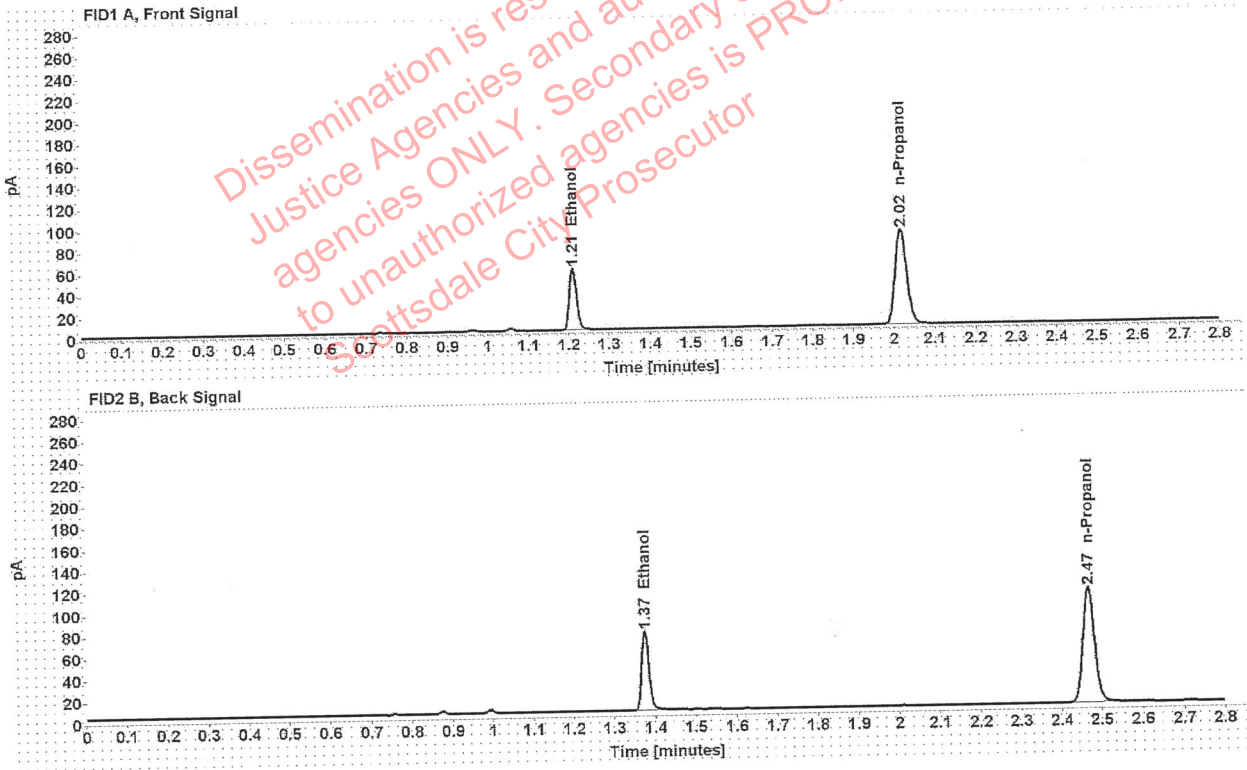


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1135	1.211	72.982
n-Propanol	-----	2.017	175.083

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

Compound	Time (min)	Peak Area
Ethanol	1.375	90.419
n-Propanol	2.467	215.621

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373417	Vial:	36
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:42:20 PM
Data file:	C:\Chem32\1\Data\25May21\36.D	Analyst:	Canonico

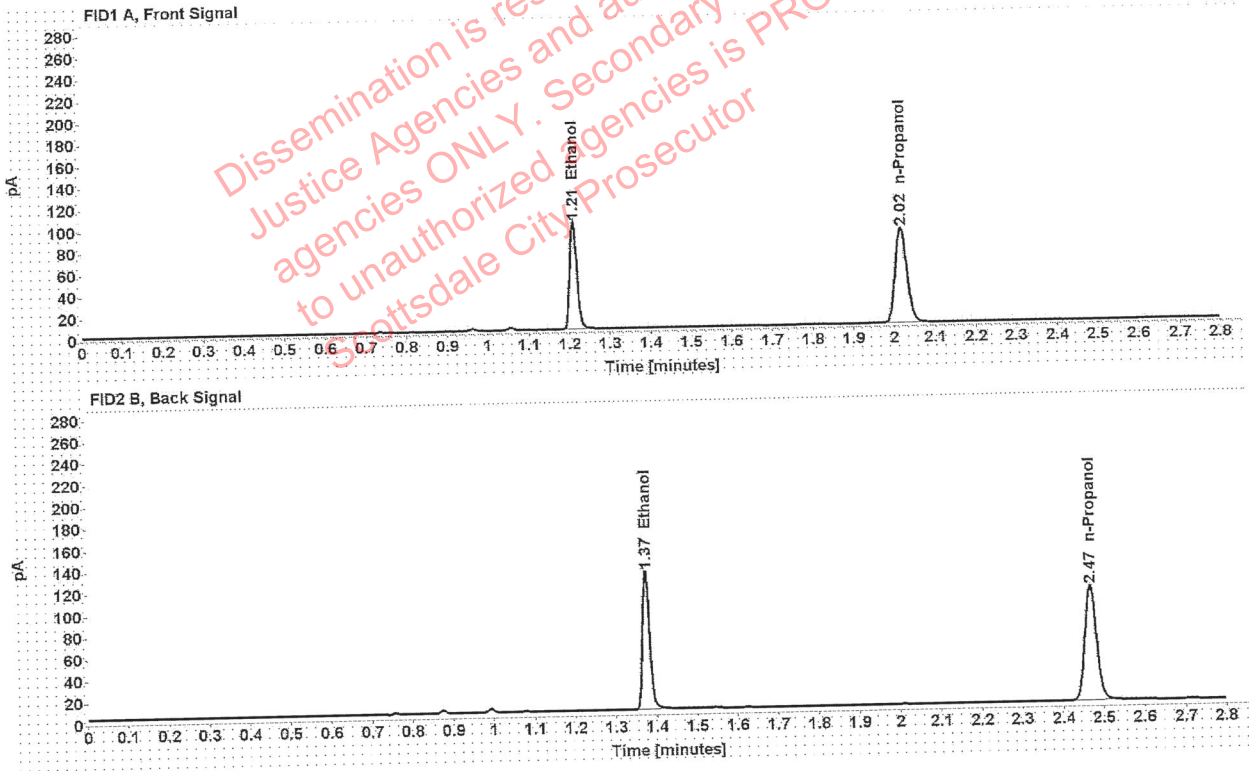


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1968	1.210	126.544
n-Propanol	-----	2.017	174.238

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.563
n-Propanol	2.467	214.697



██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373417	Vial:	37
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:46:35 PM
Data file:	C:\Chem32\1\Data\25May21\37.D	Analyst:	Canonico

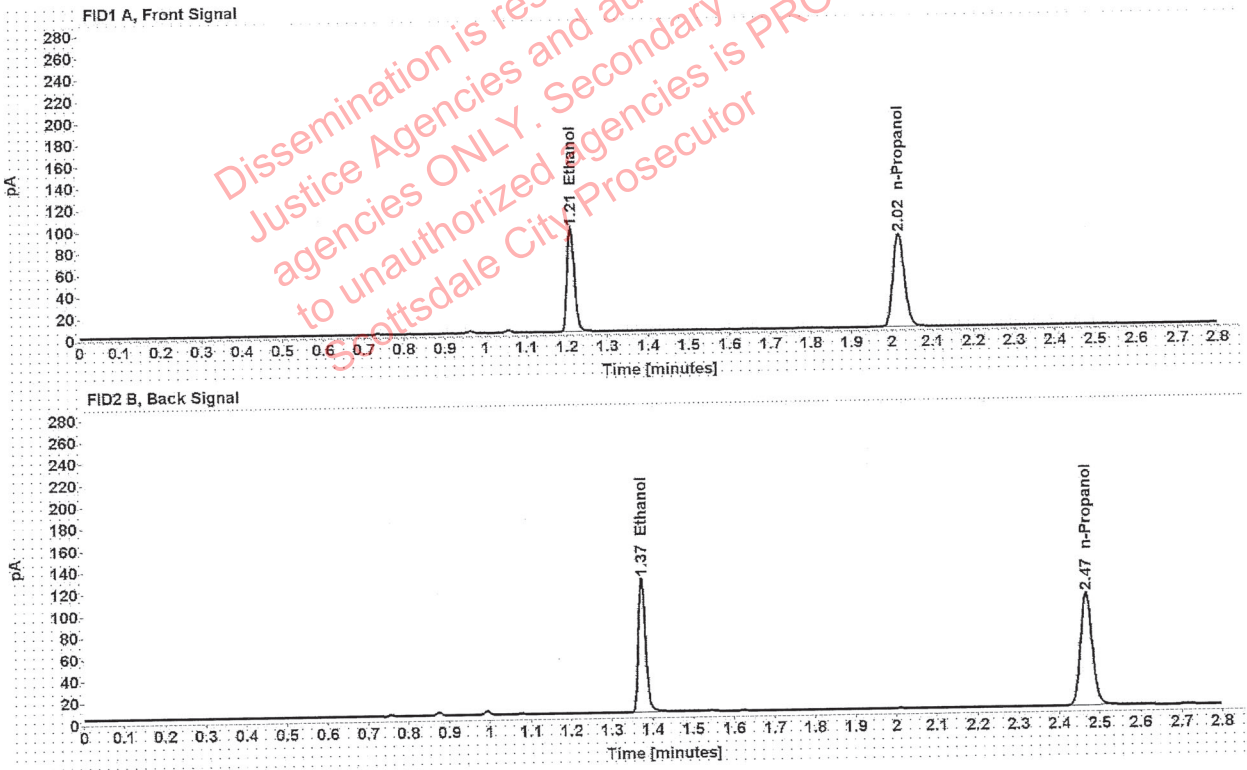


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1945	1.210	122.801
n-Propanol	-----	2.017	171.125

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

Compound	Time (min)	Peak Area
Ethanol	1.374	153.250
n-Propanol	2.467	210.918

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373514	Vial:	38
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:50:35 PM
Data file:	C:\Chem32\1\Data\25May21\38.D	Analyst:	Canonico

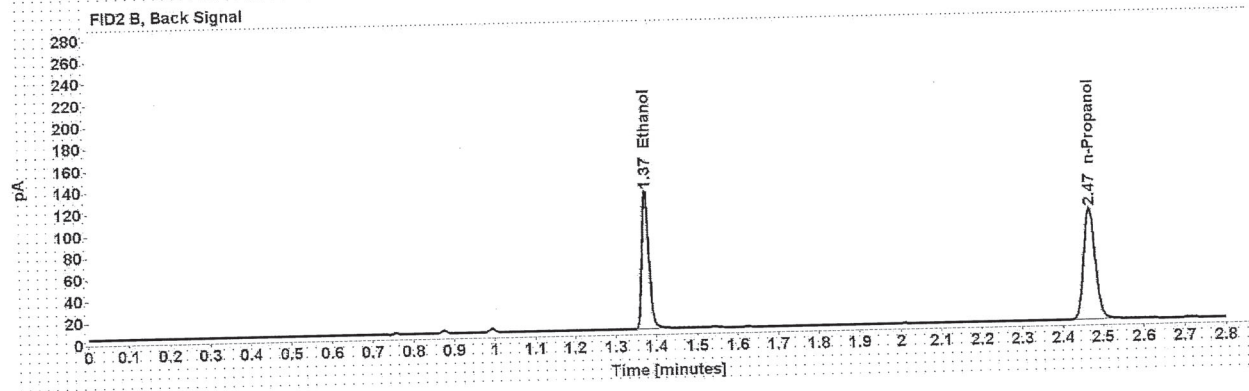
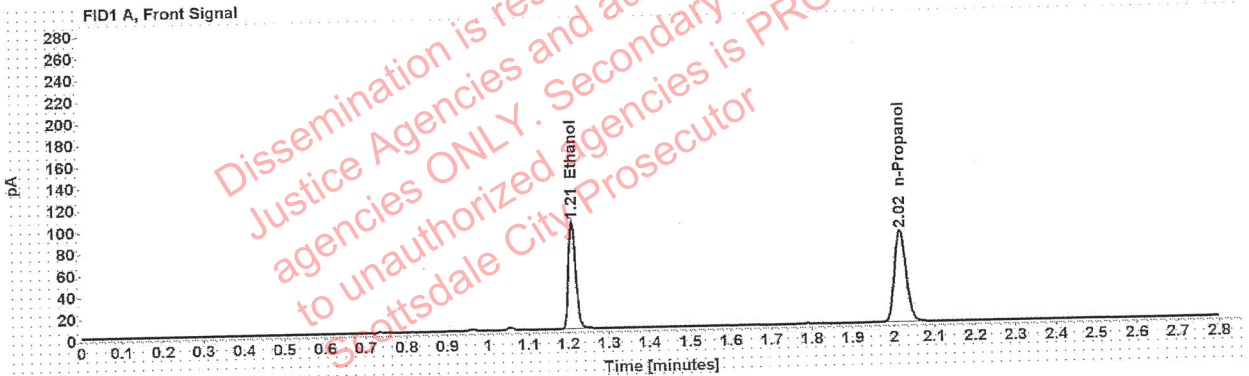


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2022	1.210	126.576
n-Propanol	-----	2.017	169.561

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.491
n-Propanol	2.467	208.820

██████████ Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373514	Vial:	39
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:54:35 PM
Data file:	C:\Chem32\1\Data\25May21\39.D	Analyst:	Canonico

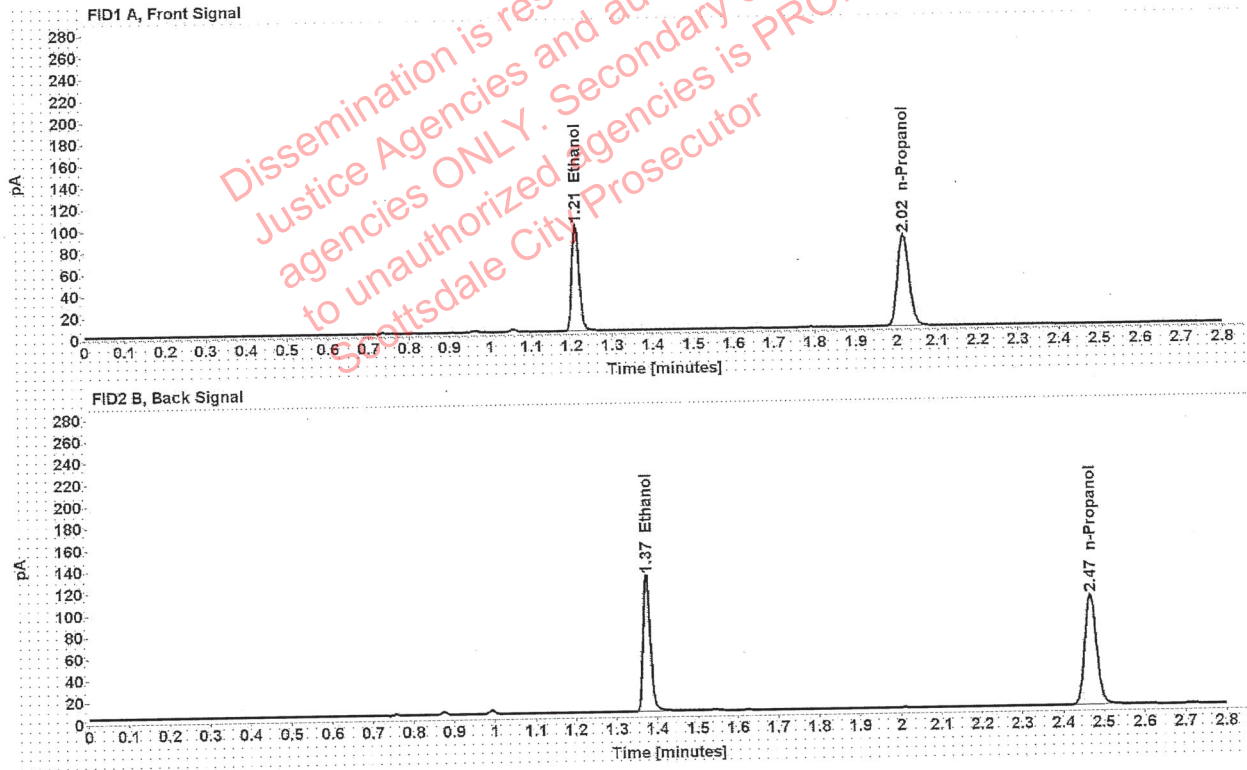


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2018	1.210	125.038
n-Propanol	-----	2.017	167.840

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

Compound	Time (min)	Peak Area
Ethanol	1.374	156.068
n-Propanol	2.467	206.851

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1345723	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 5:58:35 PM
Data file:	C:\Chem32\1\Data\25May21\40.D	Analyst:	Canonico

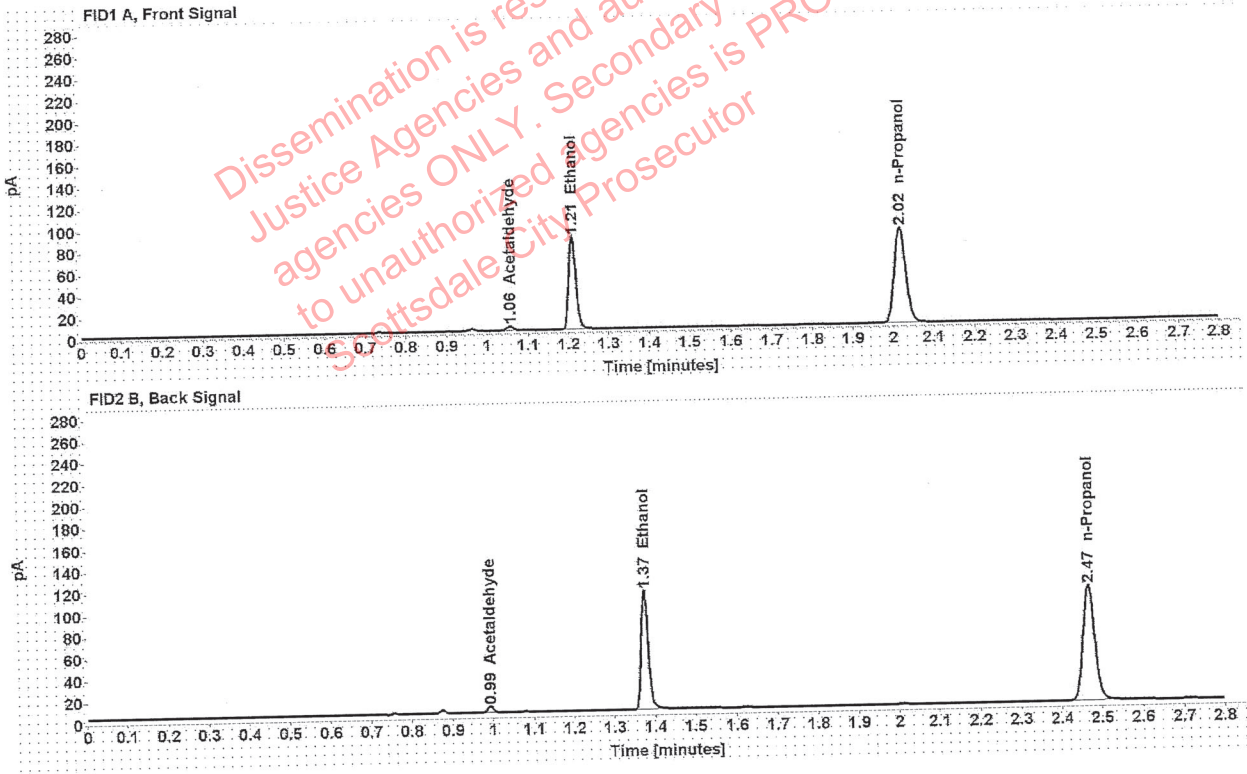


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.983
>Ethanol	0.1693	1.210	109.258
n-Propanol	-----	2.016	175.092

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.244
Ethanol	1.374	136.050
n-Propanol	2.467	216.271

[REDACTED]: Canonico, Erika - (26-May-2021)

Case: [REDACTED] User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1345723	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:02:35 PM
Data file:	C:\Chem32\1\Data\25May21\41.D	Analyst:	Canonico

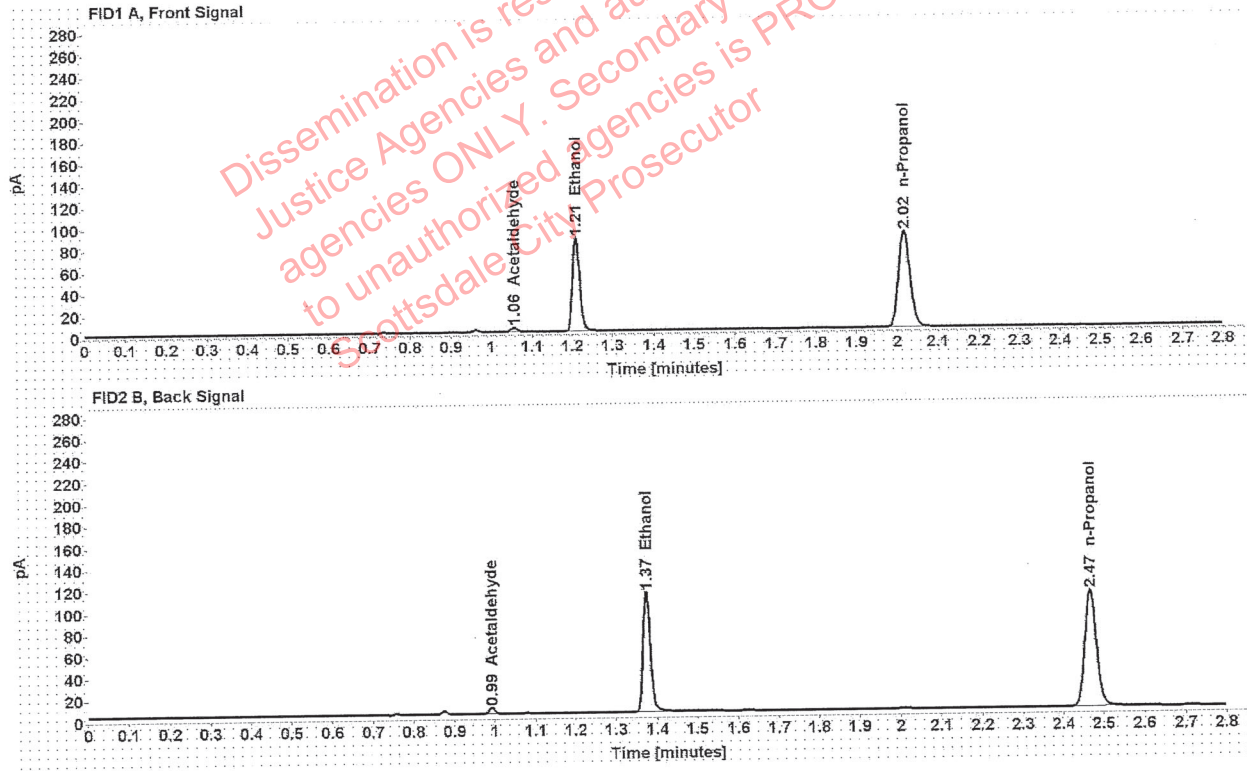


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.972
>Ethanol	0.1693	1.210	109.946
n-Propanol	-----	2.016	176.148

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.199
Ethanol	1.374	138.426
n-Propanol	2.467	217.674

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1370234	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:10:50 PM
Data file:	C:\Chem32\1\Data\25May21\43.D	Analyst:	Canonico

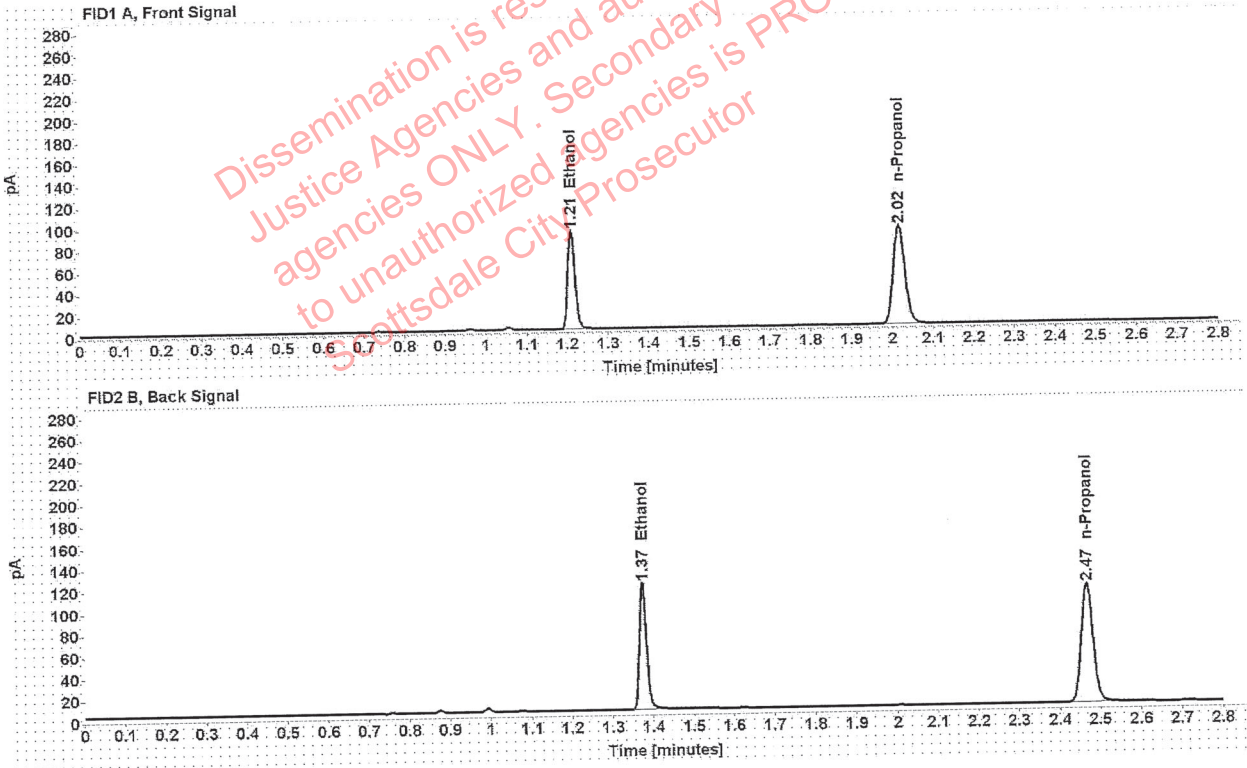


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1744	1.210	116.055
n-Propanol	-----	2.017	180.500

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

Compound	Time (min)	Peak Area
Ethanol	1.374	144.539
n-Propanol	2.467	222.561

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1370234	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:14:50 PM
Data file:	C:\Chem32\1\Data\25May21\44.D	Analyst:	Canonico

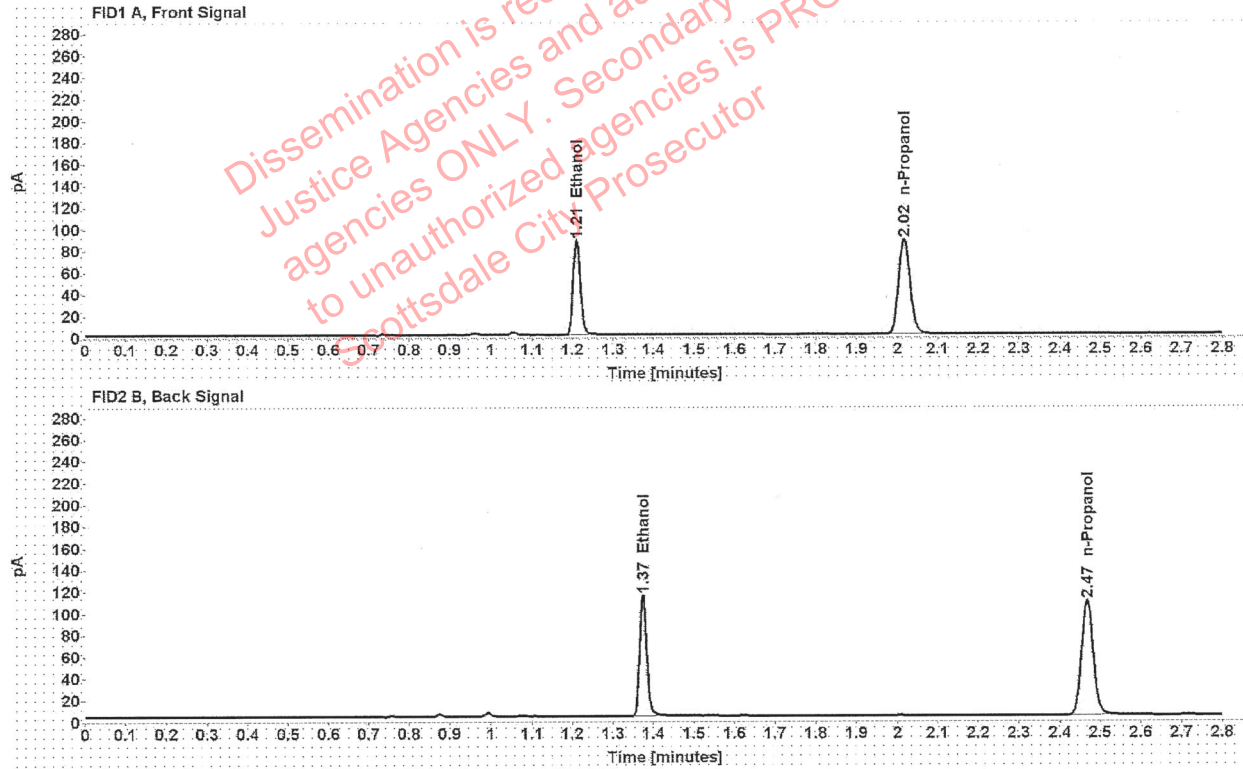


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1727	1.210	111.185
n-Propanol	-----	2.017	174.575

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

Compound	Time (min)	Peak Area
Ethanol	1.374	138.238
n-Propanol	2.467	215.158

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373792	Vial:	45
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:18:49 PM
Data file:	C:\Chem32\1\Data\25May21\45.D	Analyst:	Canonico

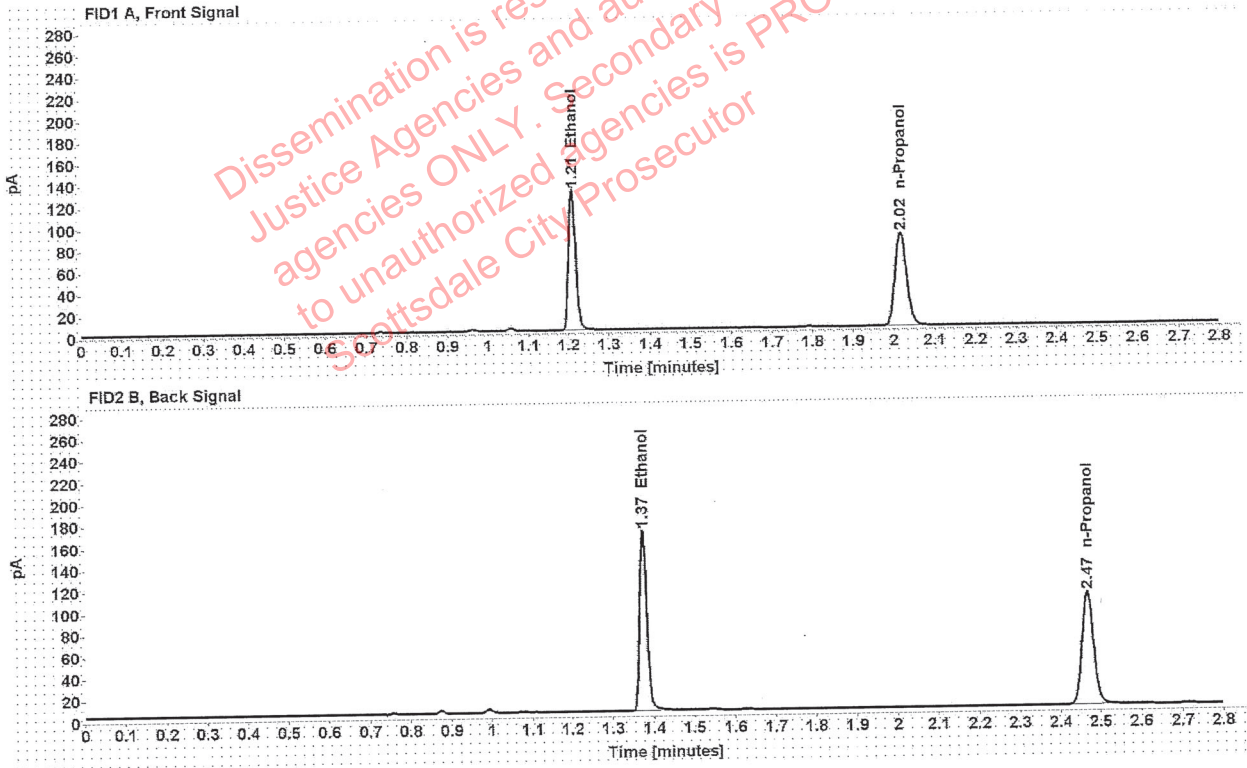


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2598	1.210	164.642
n-Propanol	-----	2.017	171.464

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

Compound	Time (min)	Peak Area
Ethanol	1.374	205.736
n-Propanol	2.467	211.008



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373792	Vial:	46
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:22:51 PM
Data file:	C:\Chem32\1\Data\25May21\46.D	Analyst:	Canonico

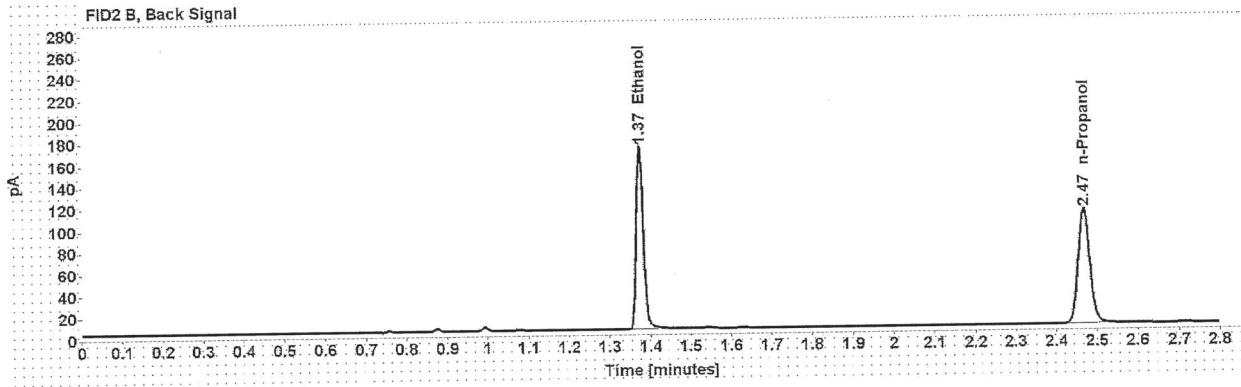
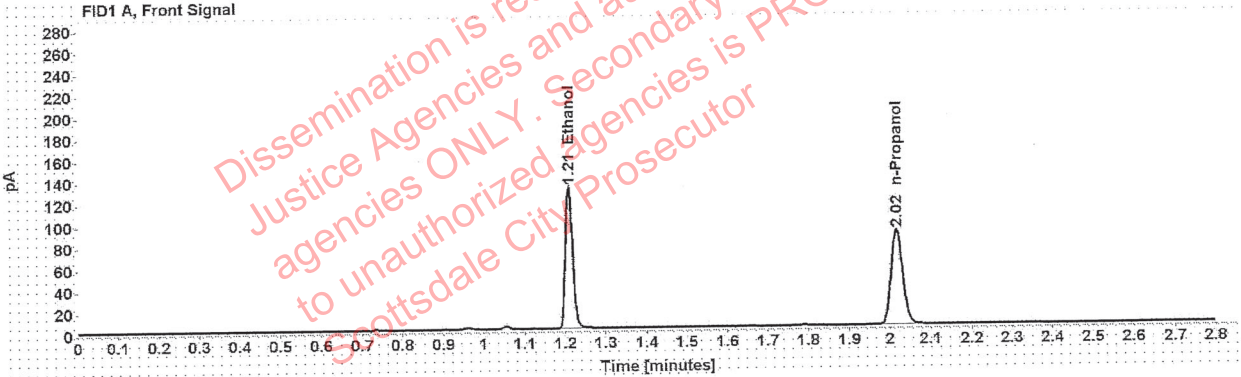


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2589	1.210	166.906
n-Propanol	-----	2.017	174.391

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

Compound	Time (min)	Peak Area
Ethanol	1.374	208.403
n-Propanol	2.467	214.826

██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373333	Vial:	47
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:26:50 PM
Data file:	C:\Chem32\1\Data\25May21\47.D	Analyst:	Canonico

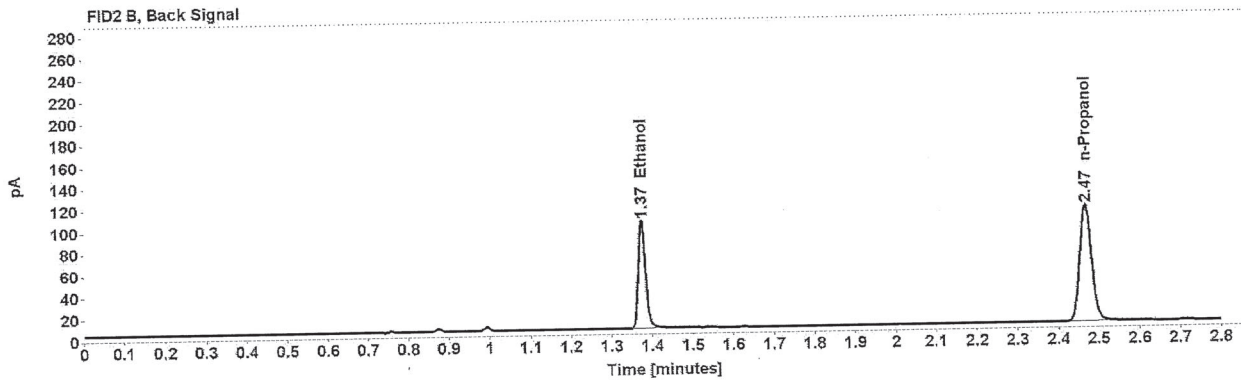
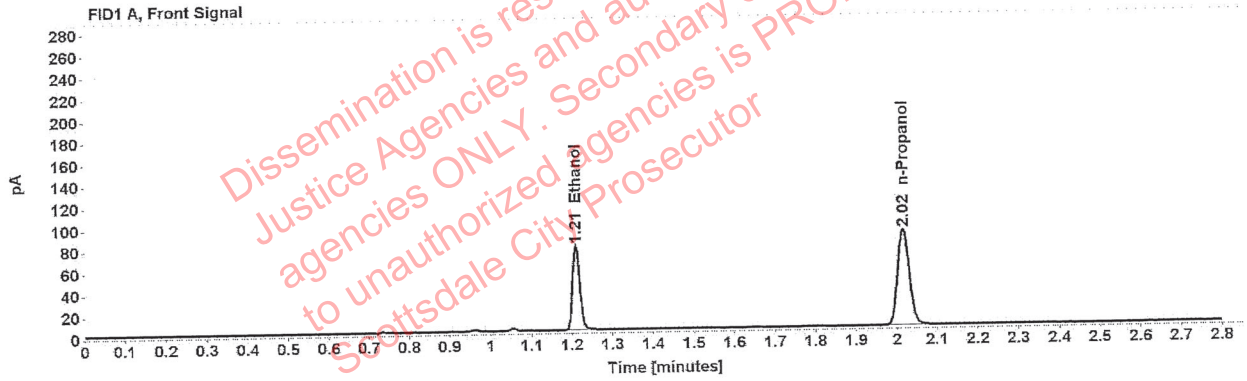


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1525	1.210	99.636
n-Propanol	-----	2.016	177.400

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

Compound	Time (min)	Peak Area
Ethanol	1.374	123.960
n-Propanol	2.467	218.445

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373333	Vial:	48
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:30:50 PM
Data file:	C:\Chem32\1\Data\25May21\48.D	Analyst:	Canonico

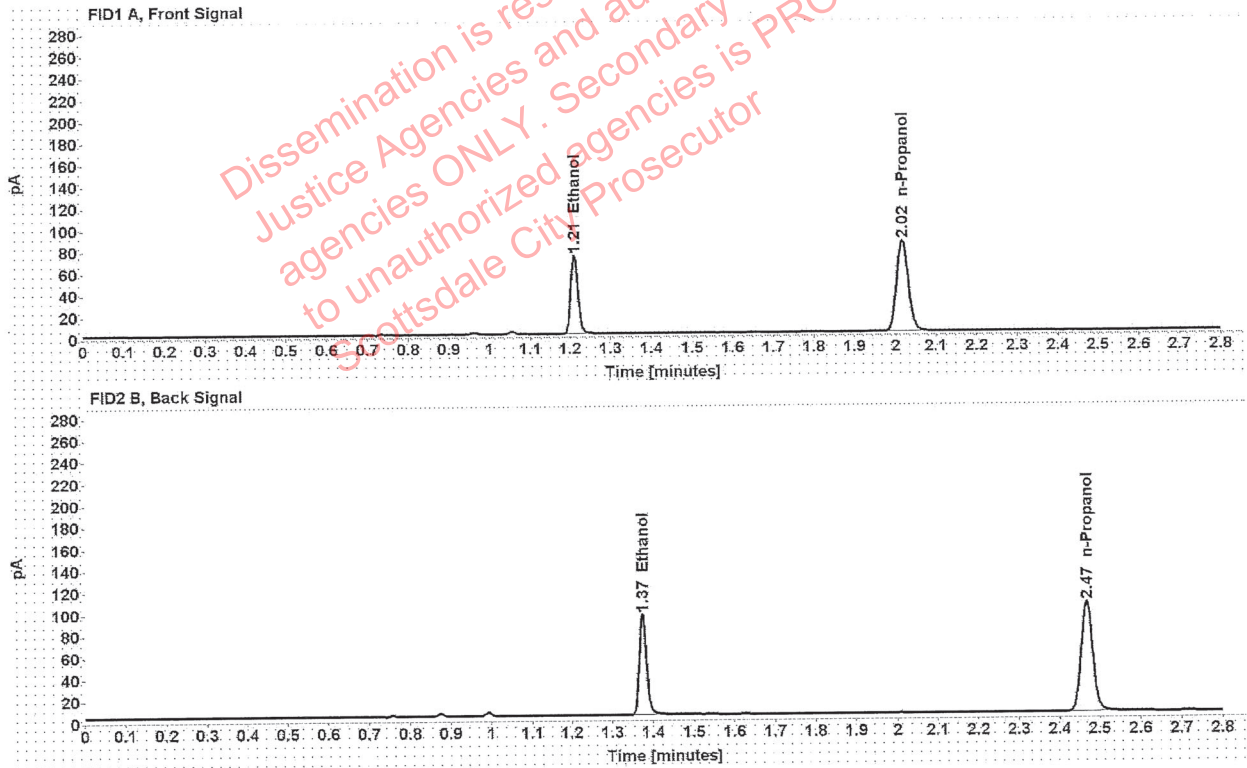


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1504	1.210	92.716
n-Propanol	-----	2.016	167.315

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

Compound	Time (min)	Peak Area
Ethanol	1.374	115.259
n-Propanol	2.467	206.007

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373424	Vial:	49
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:35:05 PM
Data file:	C:\Chem32\1\Data\25May21\49.D	Analyst:	Canonico

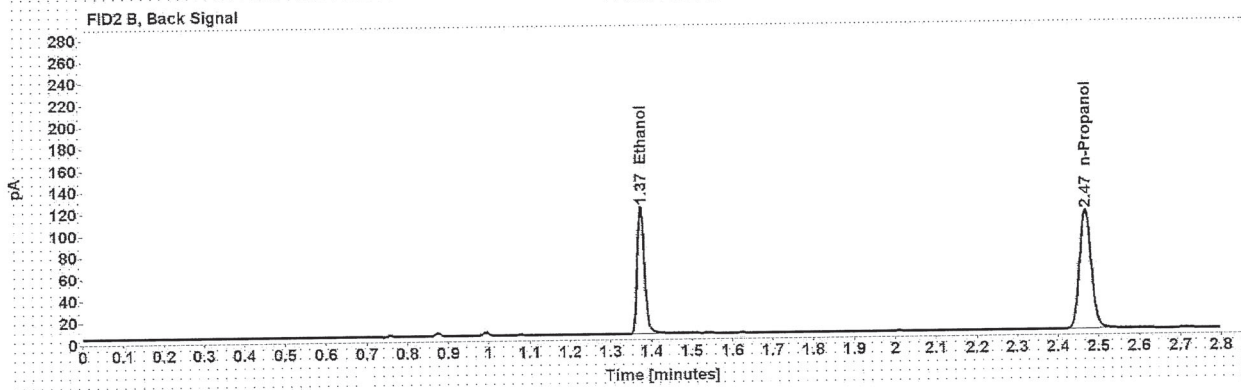
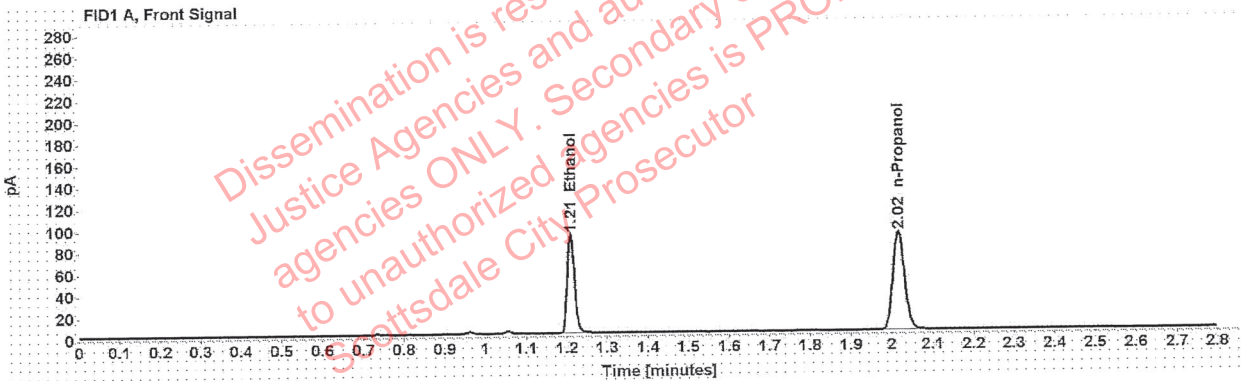


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1753	1.210	116.773
n-Propanol	-----	2.017	180.625

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

Compound	Time (min)	Peak Area
Ethanol	1.374	145.769
n-Propanol	2.467	222.666

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373424	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:39:05 PM
Data file:	C:\Chem32\1\Data\25May21\50.D	Analyst:	Canonico

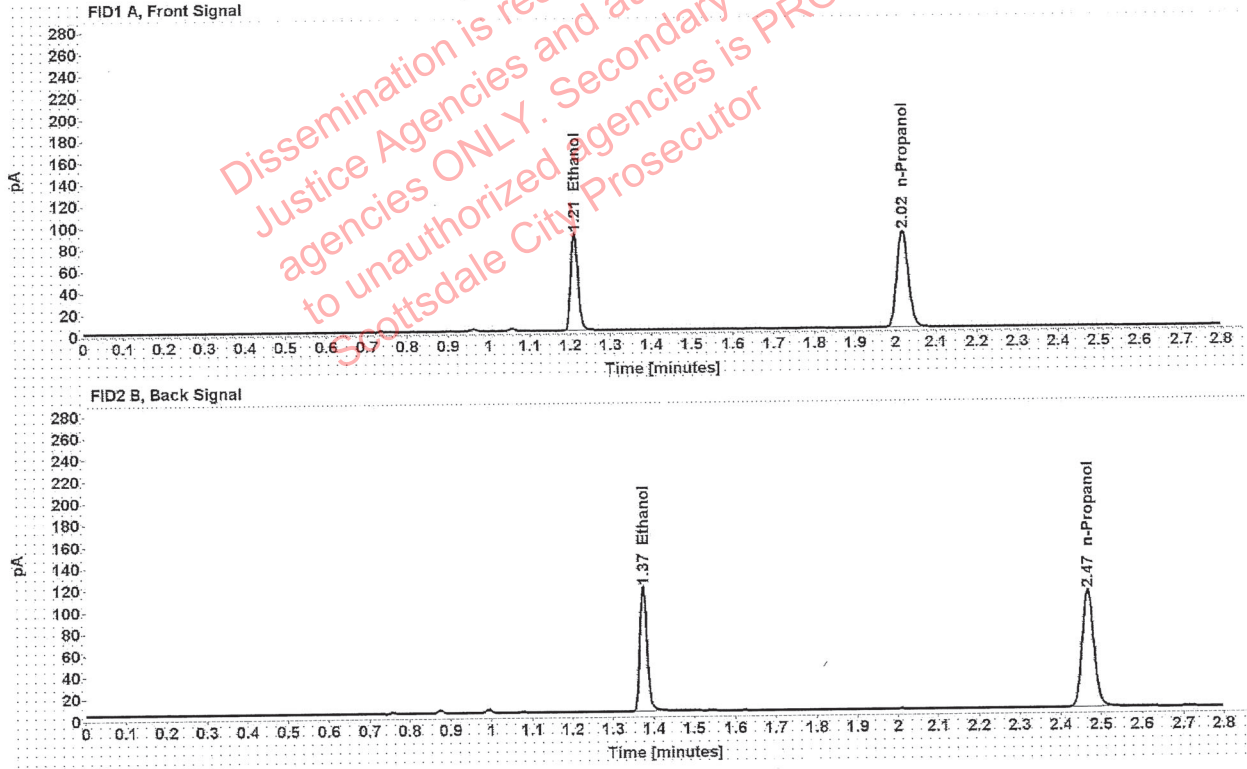


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1742	1.210	114.331
n-Propanol	-----	2.017	177.962

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

Compound	Time (min)	Peak Area
Ethanol	1.374	142.314
n-Propanol	2.468	219.187

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373493	Vial:	51
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:43:05 PM
Data file:	C:\Chem32\1\Data\25May21\51.D	Analyst:	Canonico

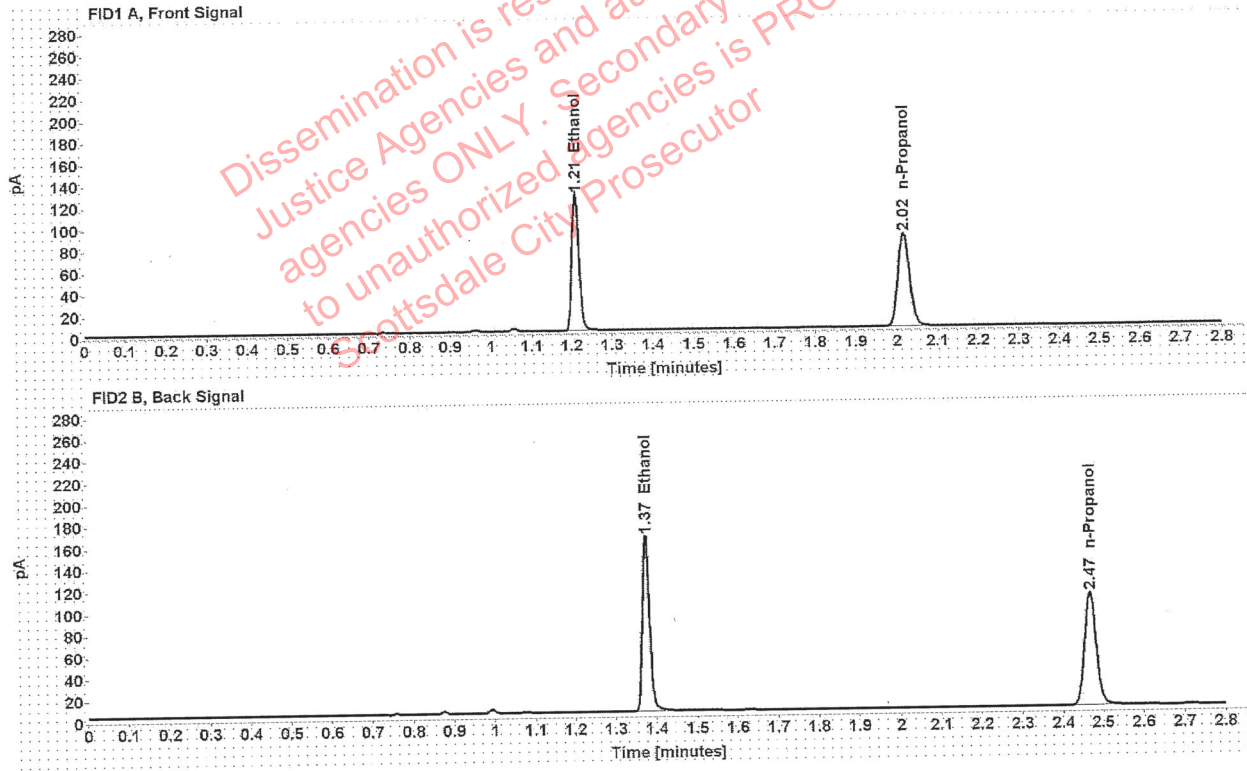


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2534	1.210	160.196
n-Propanol	-----	2.017	171.057

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

Compound	Time (min)	Peak Area
Ethanol	1.374	200.129
n-Propanol	2.467	210.841

### Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 1373493	<b>Vial:</b> 52
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25May21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/25/2021 6:47:05 PM
<b>Data file:</b> C:\Chem32\1\Data\25May21\52.D	<b>Analyst:</b> Canonico

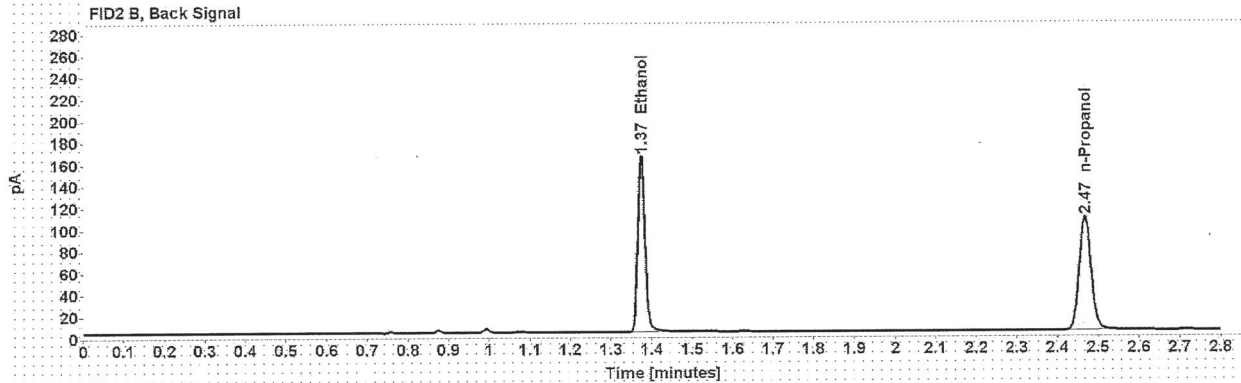
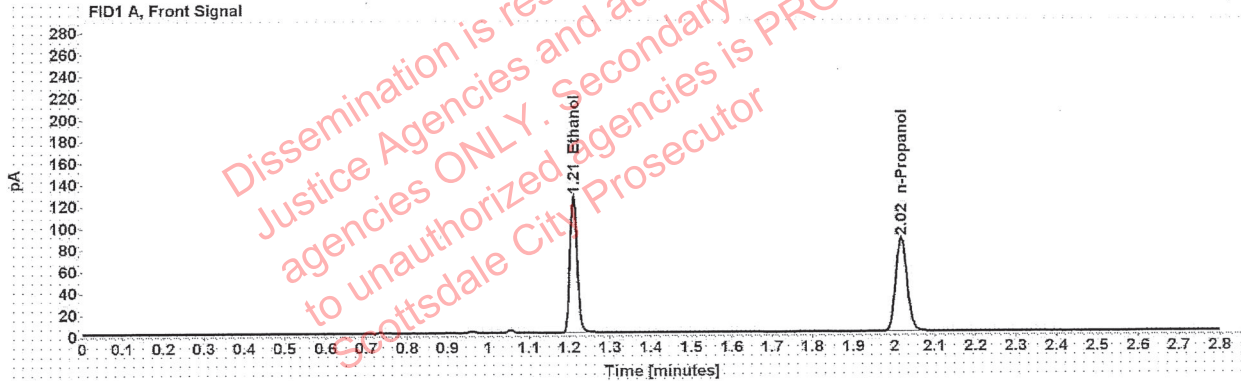


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2521	1.210	160.444
n-Propanol	-----	2.017	172.168

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

Compound	Time (min)	Peak Area
Ethanol	1.374	200.530
n-Propanol	2.468	212.047

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1373218	Vial: 54
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 6:55:05 PM
Data file: C:\Chem32\1\Data\25May21\54.D	Analyst: Canonico

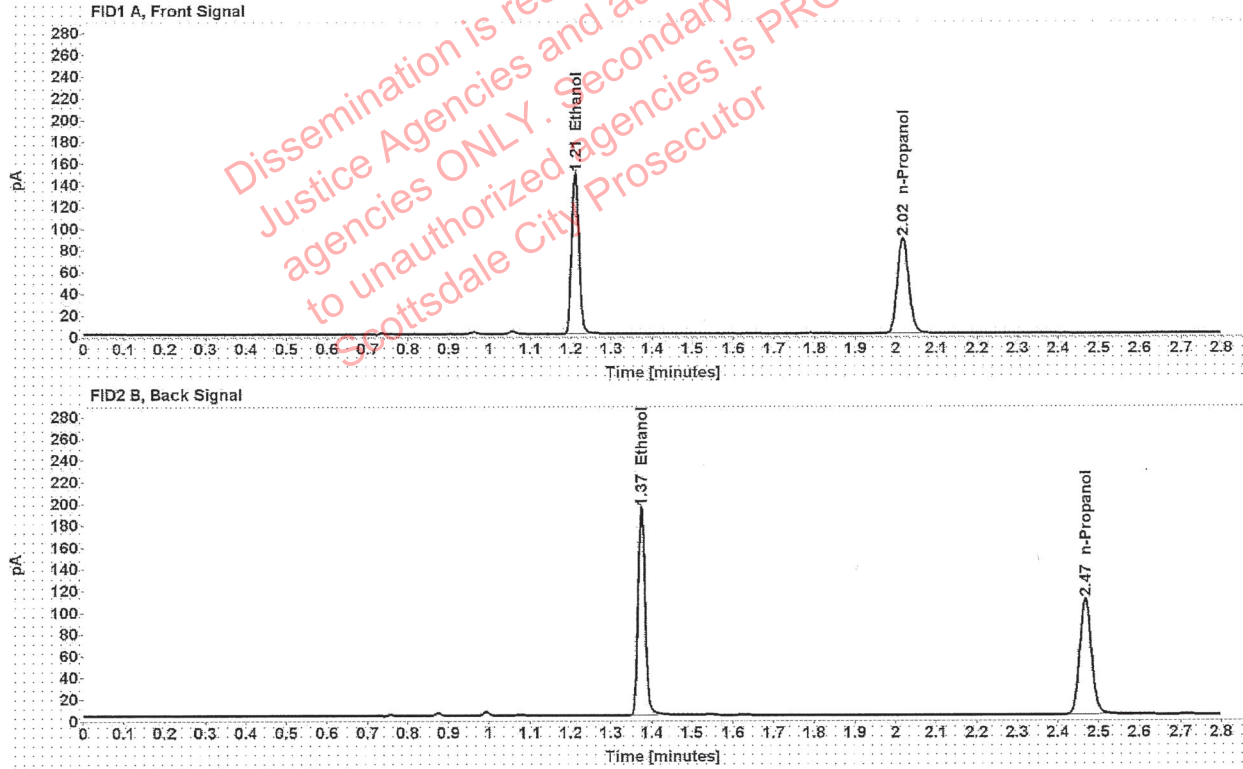


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2910	1.210	189.048
n-Propanol	-----	2.017	175.683

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

Compound	Time (min)	Peak Area
Ethanol	1.374	236.118
n-Propanol	2.467	216.613



██████████: Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373218	Vial:	55
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 6:59:20 PM
Data file:	C:\Chem32\1\Data\25May21\55.D	Analyst:	Canonico

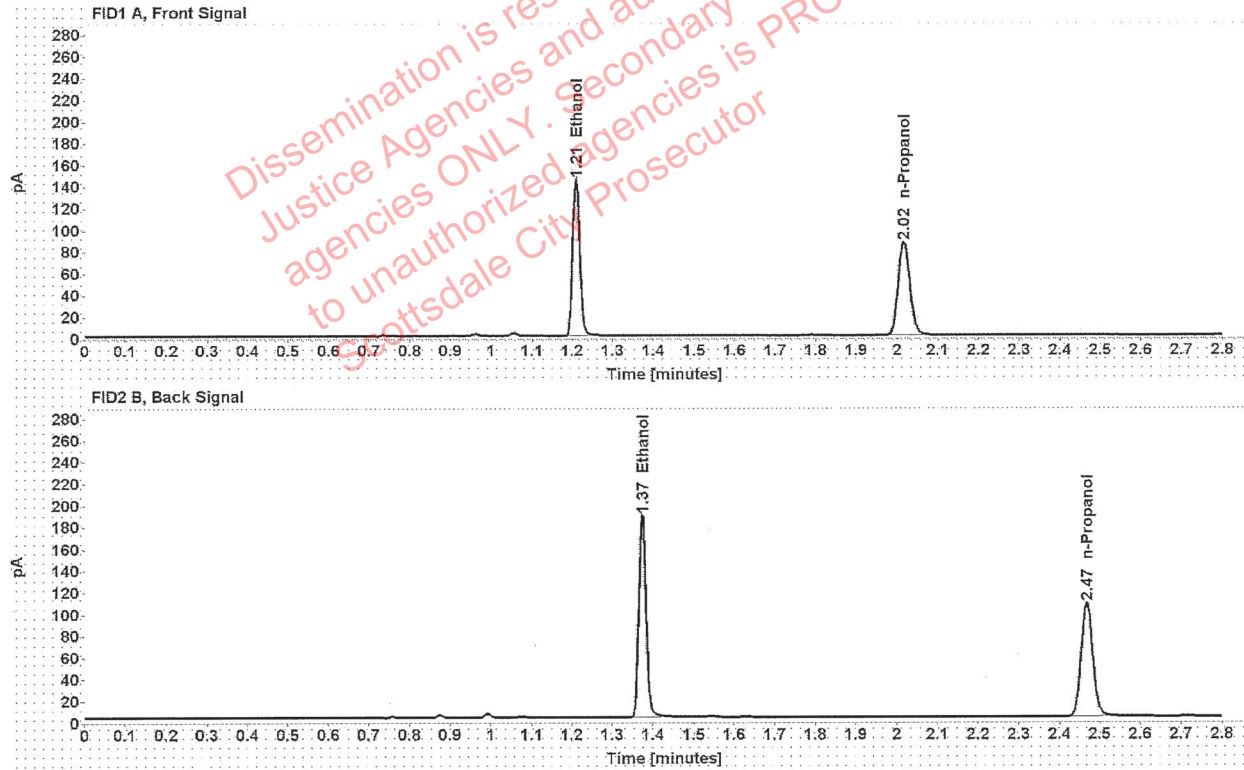


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2895	1.210	184.164
n-Propanol	-----	2.016	171.995

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

Compound	Time (min)	Peak Area
Ethanol	1.374	229.907
n-Propanol	2.467	211.934

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1374026	Vial: 56
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 7:03:20 PM
Data file: C:\Chem32\1\Data\25May21\56.D	Analyst: Canonico

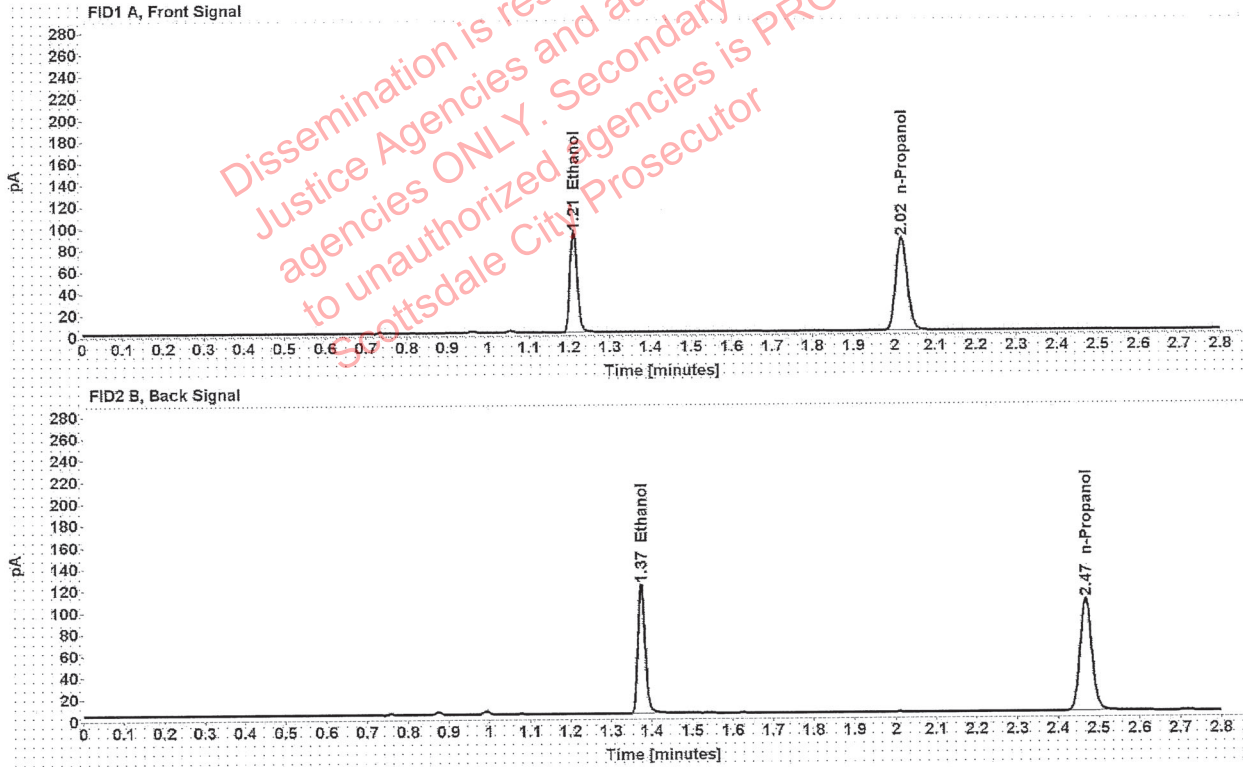


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1881	1.210	118.546
n-Propanol	-----	2.017	170.818

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

Compound	Time (min)	Peak Area
Ethanol	1.374	147.674
n-Propanol	2.467	210.872

Canonico, Erika - (26-May-2021)

Case: [REDACTED] User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1374026	Vial:	57
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 7:07:20 PM
Data file:	C:\Chem32\1\Data\25May21\57.D	Analyst:	Canonico

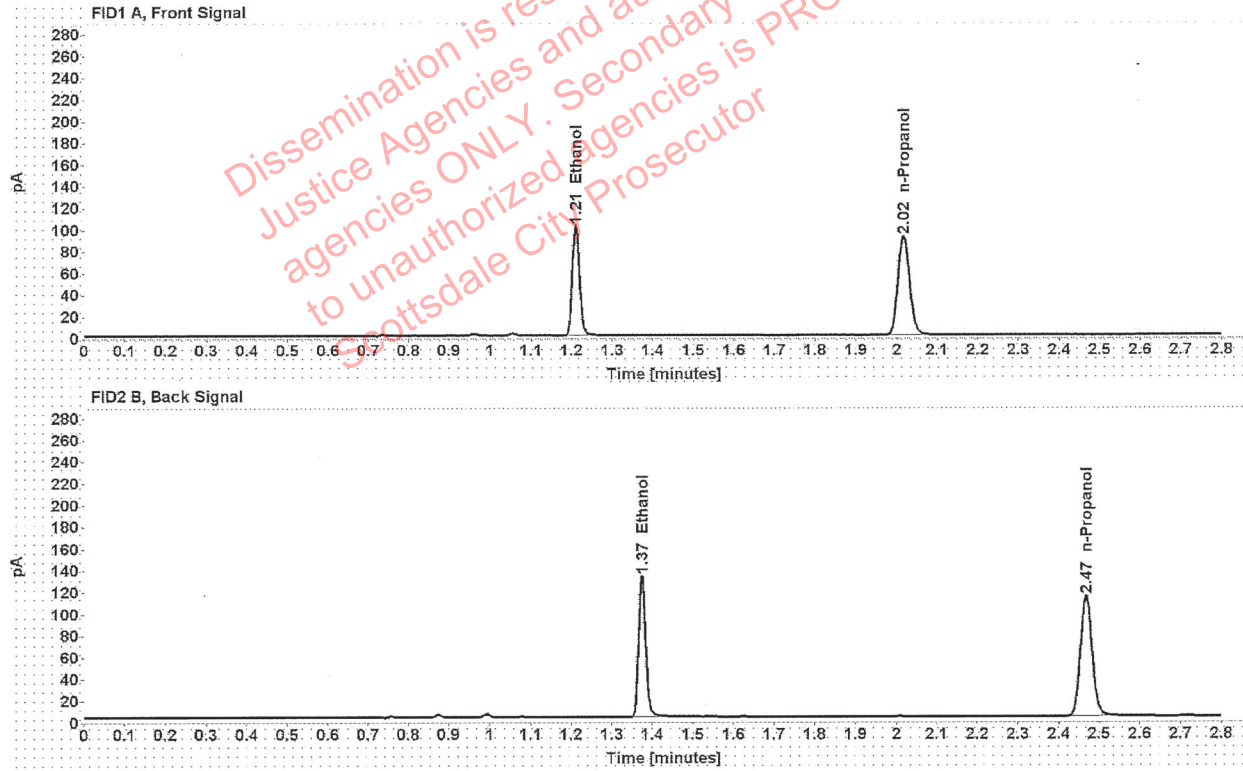


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1917	1.210	128.974
n-Propanol	-----	2.017	182.320

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

Compound	Time (min)	Peak Area
Ethanol	1.374	161.115
n-Propanol	2.467	225.177

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1373592	Vial: 58
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 7:11:20 PM
Data file: C:\Chem32\1\Data\25May21\58.D	Analyst: Canonico

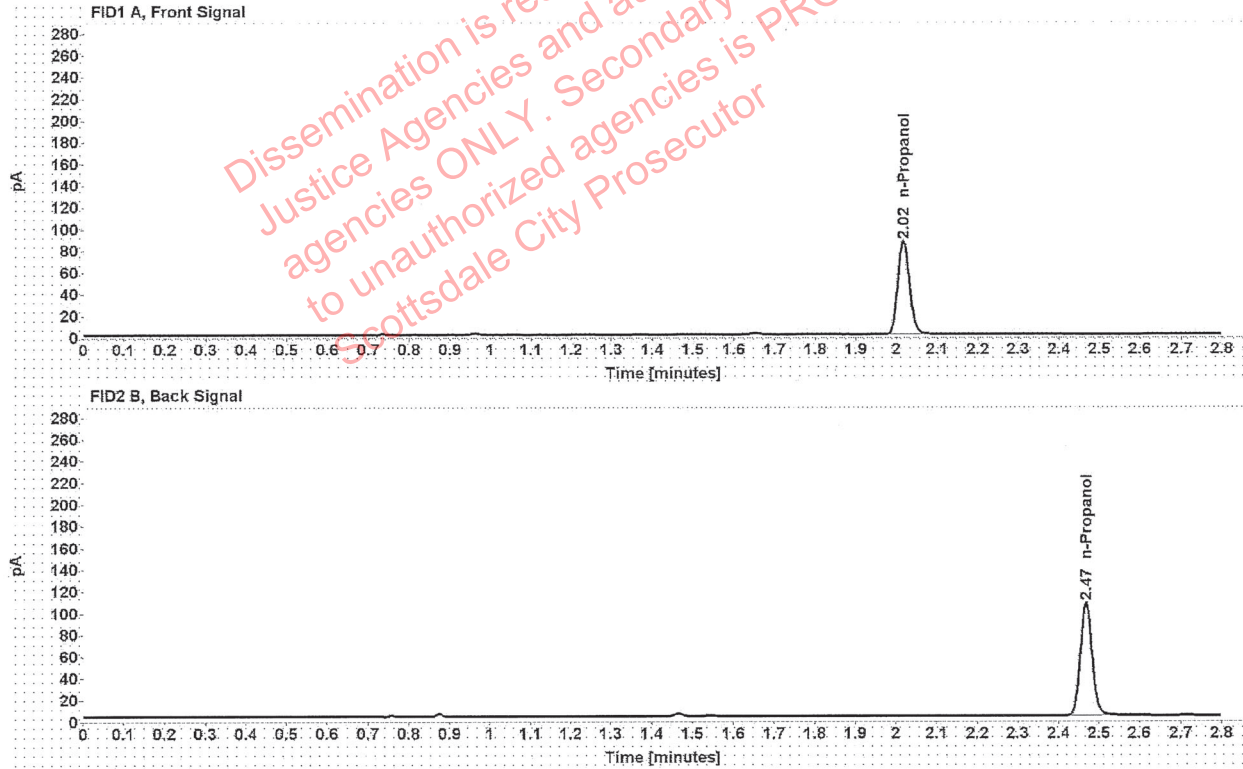


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	171.140

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	211.450

██████████ Canonico, Erika - (26-May-2021)

Case: ██████████ User: ecanonico 5/26/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1373592	Vial:	59
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 7:15:20 PM
Data file:	C:\Chem32\1\Data\25May21\59.D	Analyst:	Canonico

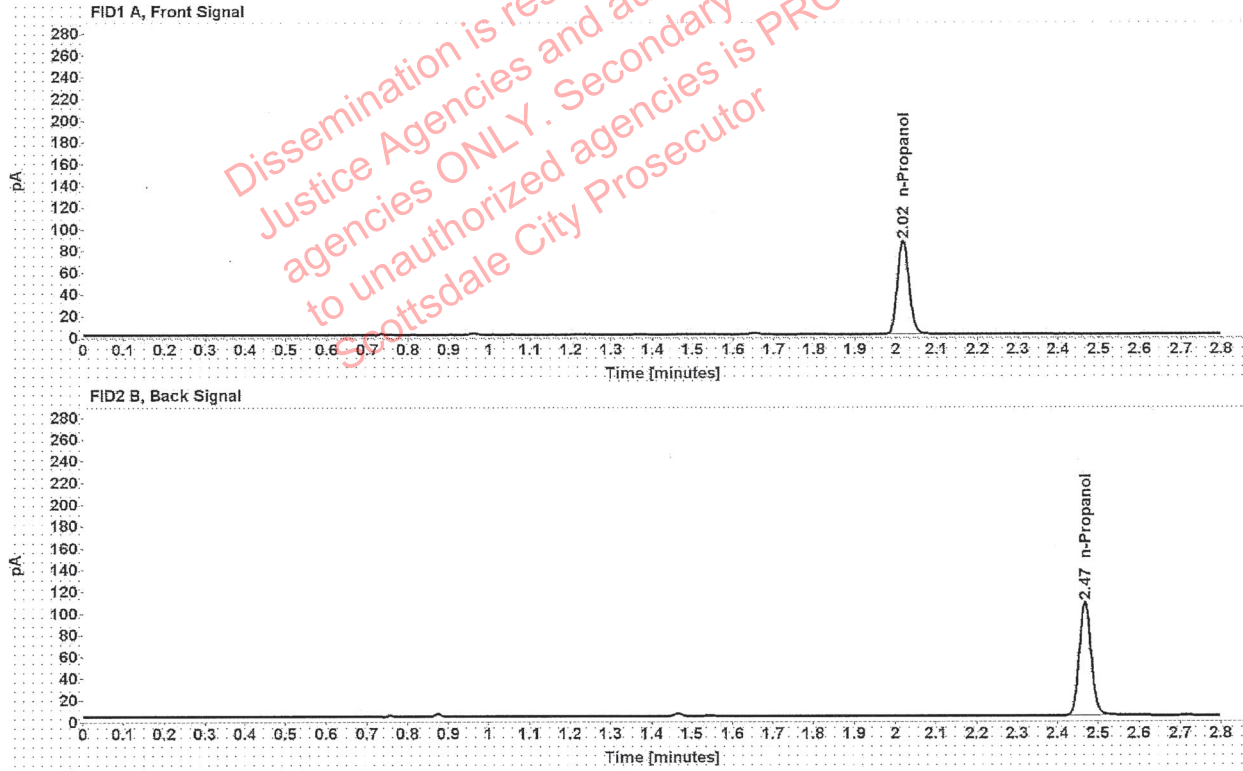


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	172.516

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	213.176

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1374001	Vial: 60
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 7:19:20 PM
Data file: C:\Chem32\1\Data\25May21\60.D	Analyst: Canonico

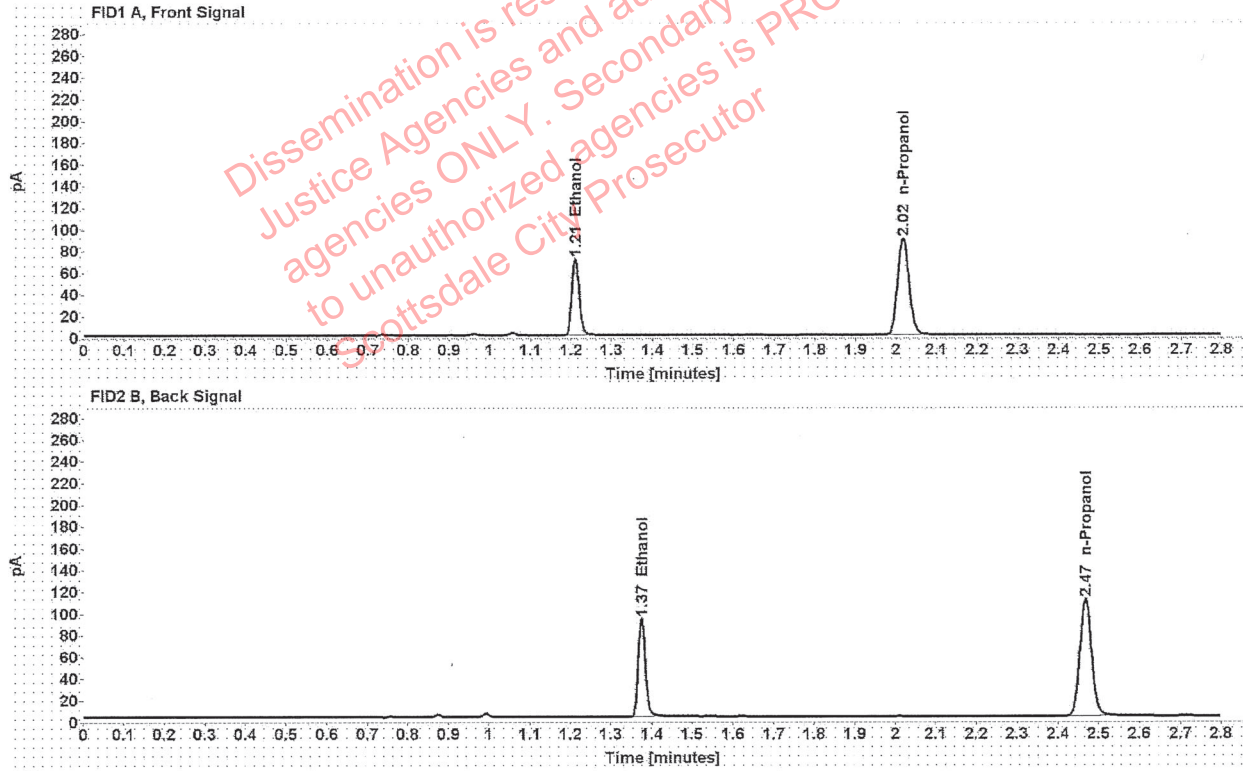


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1386	1.210	90.605
n-Propanol	-----	2.017	177.626

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

Compound	Time (min)	Peak Area
Ethanol	1.374	112.541
n-Propanol	2.467	219.430

### Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 1374001	<b>Vial:</b> 61
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 25May21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/25/2021 7:23:35 PM
<b>Data file:</b> C:\Chem32\1\Data\25May21\61.D	<b>Analyst:</b> Canonico

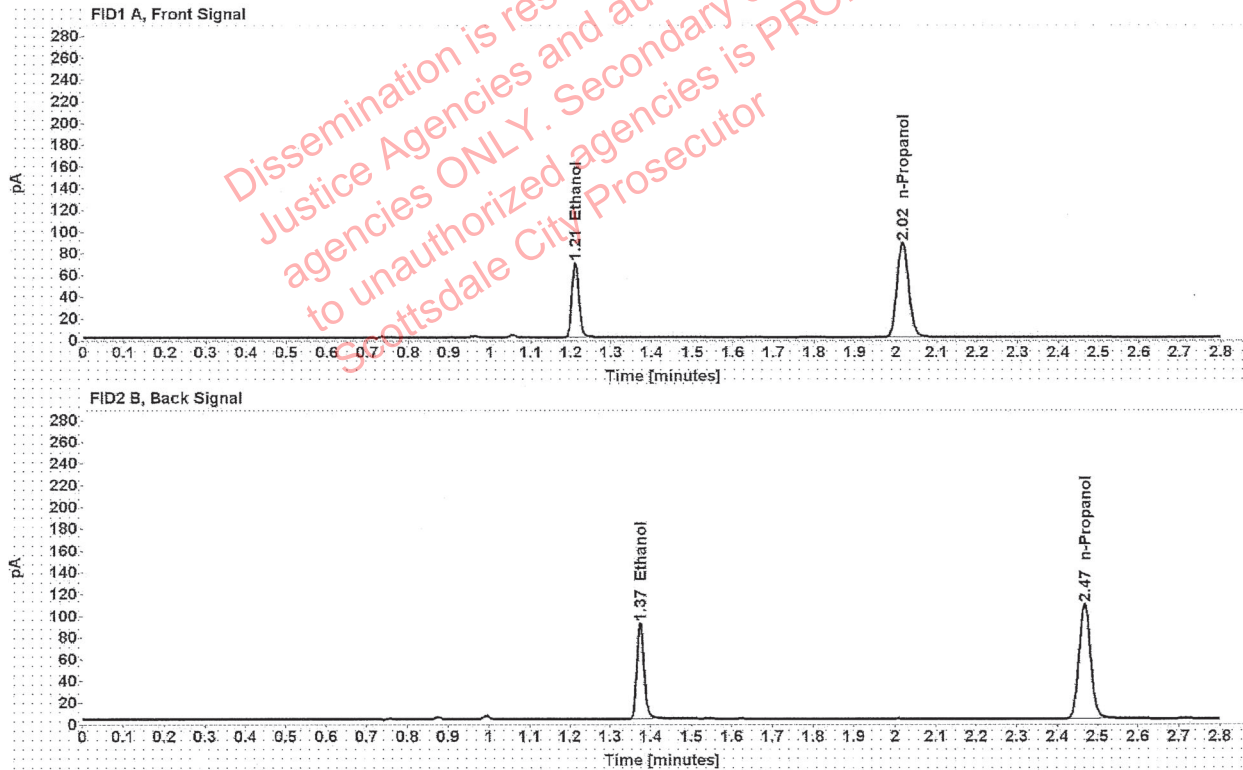


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1377	1.210	88.437
n-Propanol	-----	2.017	174.443

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

Compound	Time (min)	Peak Area
Ethanol	1.374	109.964
n-Propanol	2.467	215.369

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1372249	Vial: 62
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 25May21
Instrument: US14173023 CN14160045	Injection date: 5/25/2021 7:27:35 PM
Data file: C:\Chem32\1\Data\25May21\62.D	Analyst: Canonico

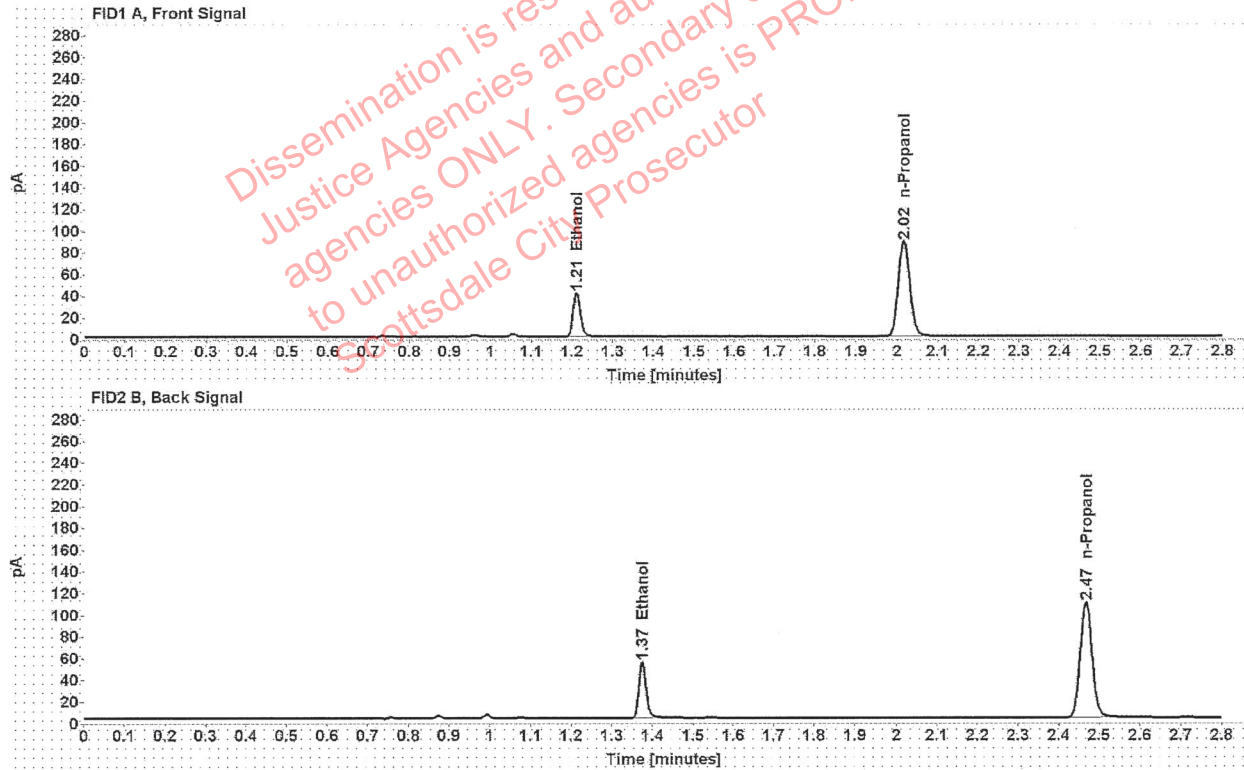


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0807	1.211	51.782
n-Propanol	-----	2.016	175.445

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

Compound	Time (min)	Peak Area
Ethanol	1.375	64.169
n-Propanol	2.467	216.622



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1372249	Vial:	63
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25May21
Instrument:	US14173023 CN14160045	Injection date:	5/25/2021 7:31:35 PM
Data file:	C:\Chem32\1\Data\25May21\63.D	Analyst:	Canonico

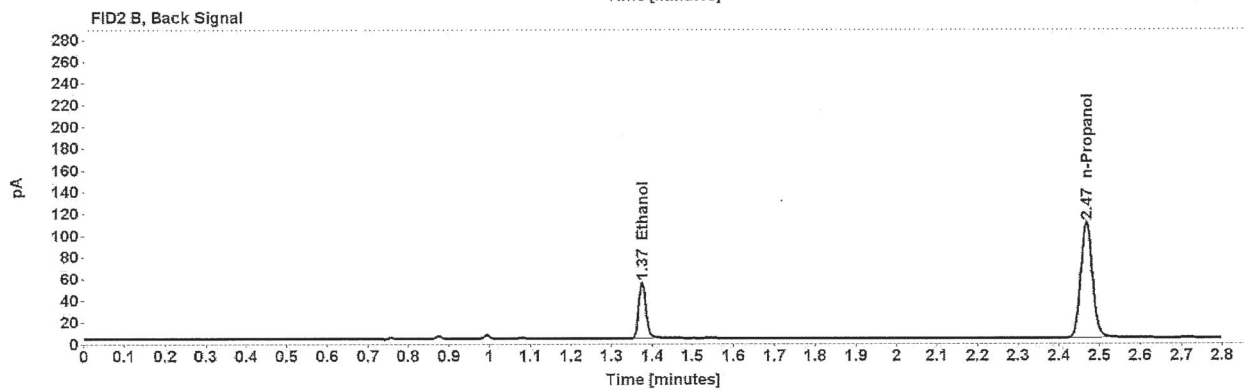
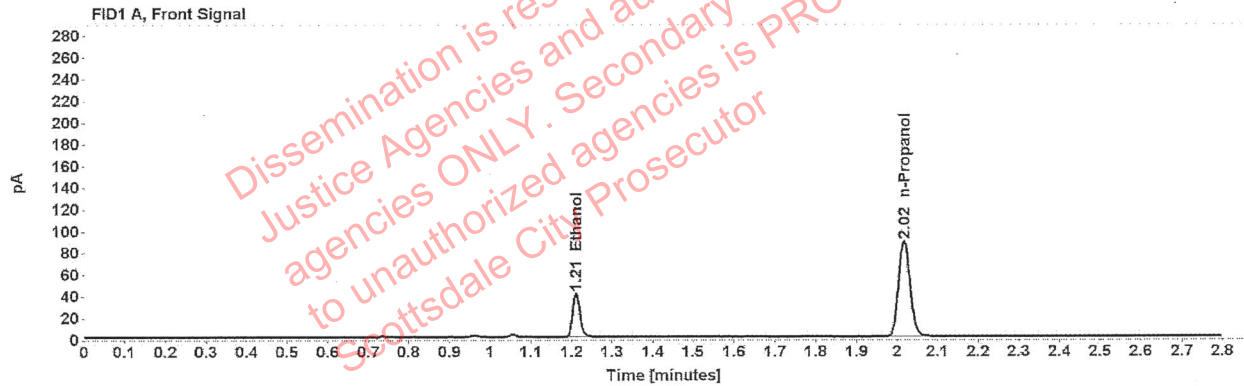


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0809	1.211	51.876
n-Propanol	-----	2.017	175.406

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

Compound	Time (min)	Peak Area
Ethanol	1.375	64.303
n-Propanol	2.467	216.665