

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 12/14/2021 SEQUENCE NAME 14Dec21

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN06141806 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN05311902 0.99999
 Vial 3 0.20 calibrator Lot FN05101903
 Vial 4 0.40 calibrator Lot FN10051906

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 100421AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/2
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
42	Blood control	0.199 g/dL	0.204 g/dL	ACQ 4110320133/2
53	Aqueous control	0.400 g/dL	0.406 g/dL	Lipomed 11092018-A
54	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
55	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/2
56	Blank	Not detected	Not detected	SPD lab 111020WB

SUBJECT SAMPLES

Subjects in the sequence 20 Subjects requiring reanalysis 2

ADDITIONAL NOTES: The duplicates in vials #25/26 and vials #36/37 did not agree within 2% of their averages.

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

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

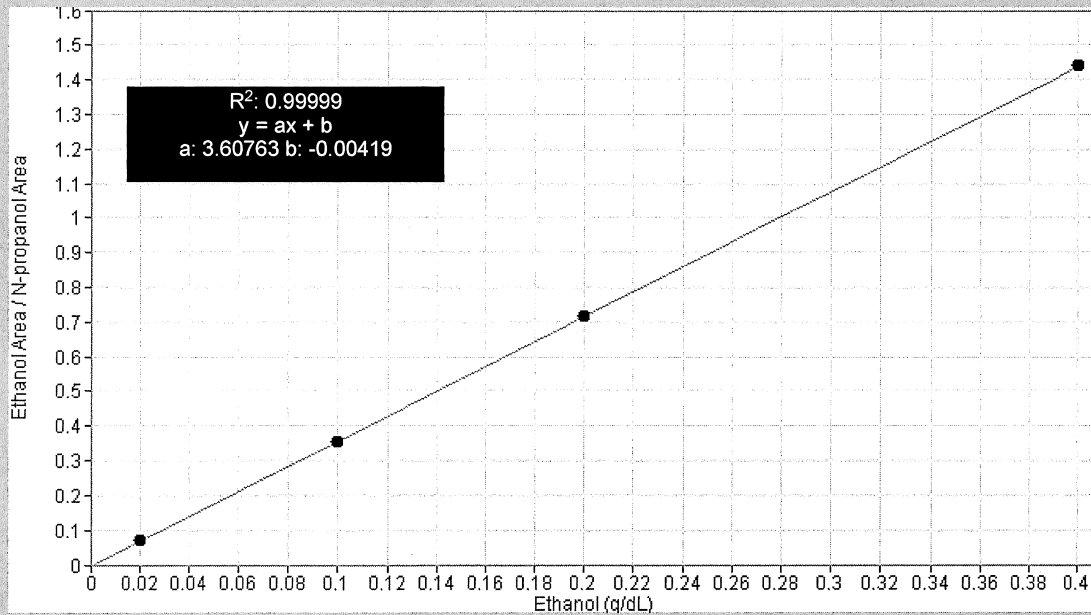
SEQUENCE NAME: 14Dec21

ANALYST: Abbott *AB*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 100421AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.399	0.400	0.25	-0.001
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.199 4110320133/2	9	0.202	0.199	1.51	0.003
0.080 20012020-B	20	0.081	0.080	1.25	0.001
0.080 20012020-B	31	0.080	0.080	0.00	0.000
0.199 4110320133/2	42	0.204	0.199	2.51	0.005
0.400 11092018-A	53	0.406	0.400	1.50	0.006
0.040 14082019-B	54	0.041	0.040	2.50	0.001
0.199 4110320133/2	55	0.203	0.199	2.01	0.004
blank 111020VWB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.470	166.110	0.069
0.100	60.236	168.993	0.356
0.200	119.277	166.710	0.716
0.400	239.979	166.678	1.440

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1	
Description: 0.020 calibrator	Sequence: 14Dec21	
Method: ethanol quant.M	Injection date: 12/14/2021 11:46:40 AM	
Instrument: US14173023 CN14160045	Analyst: Abbott	<i>ph</i>
Data file: C:\Chem32\1\Data\14Dec21\1.D		

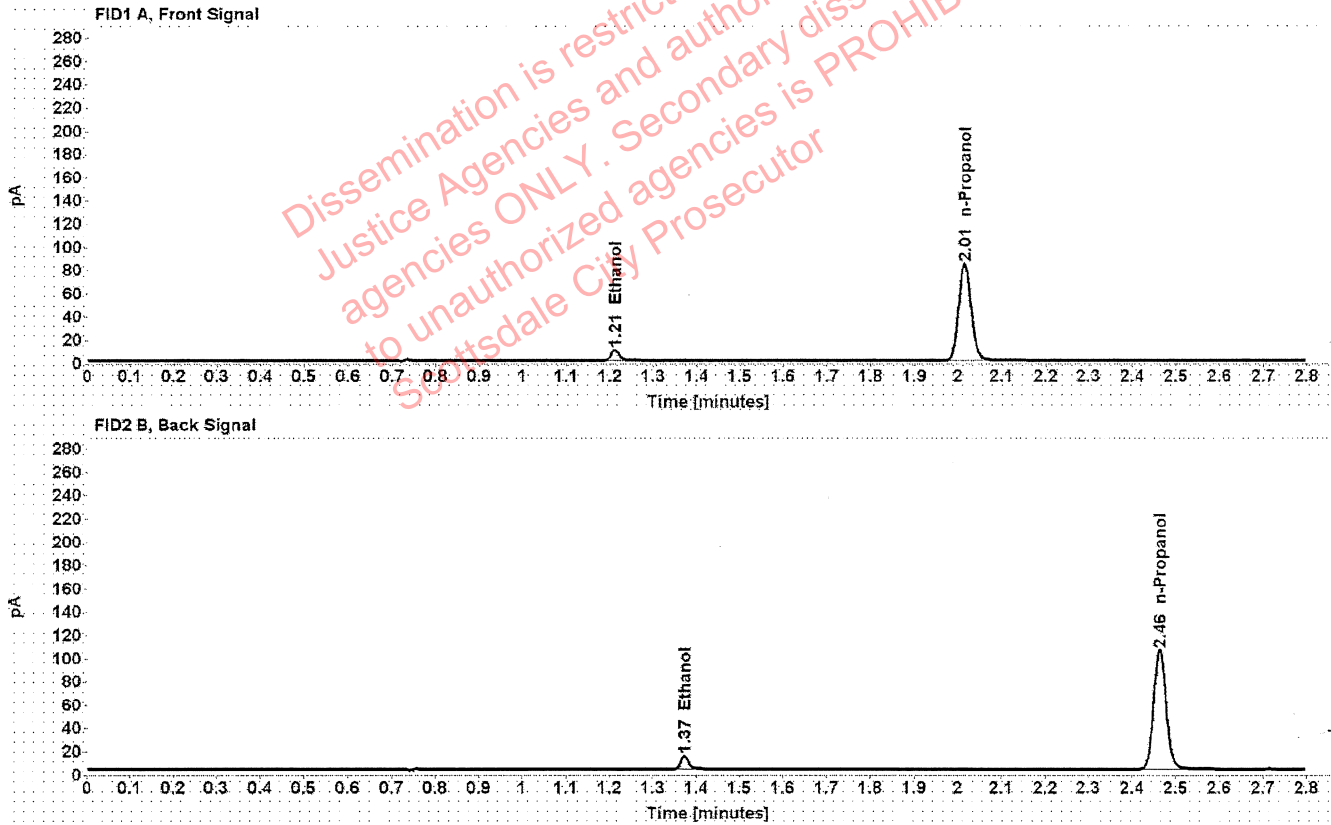


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	11.470
n-Propanol	2.014	166.110

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

Compound	Time (min)	Peak Area
Ethanol	1.373	14.263
n-Propanol	2.464	206.424

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2	
Description: 0.100 calibrator	Sequence: 14Dec21	
Method: ethanol quant.M	Injection date: 12/14/2021 11:50:41 AM	
Instrument: US14173023 CN14160045	Analyst: Abbott	<i>AA</i>
Data file: C:\Chem32\1\Data\14Dec21\2.D		

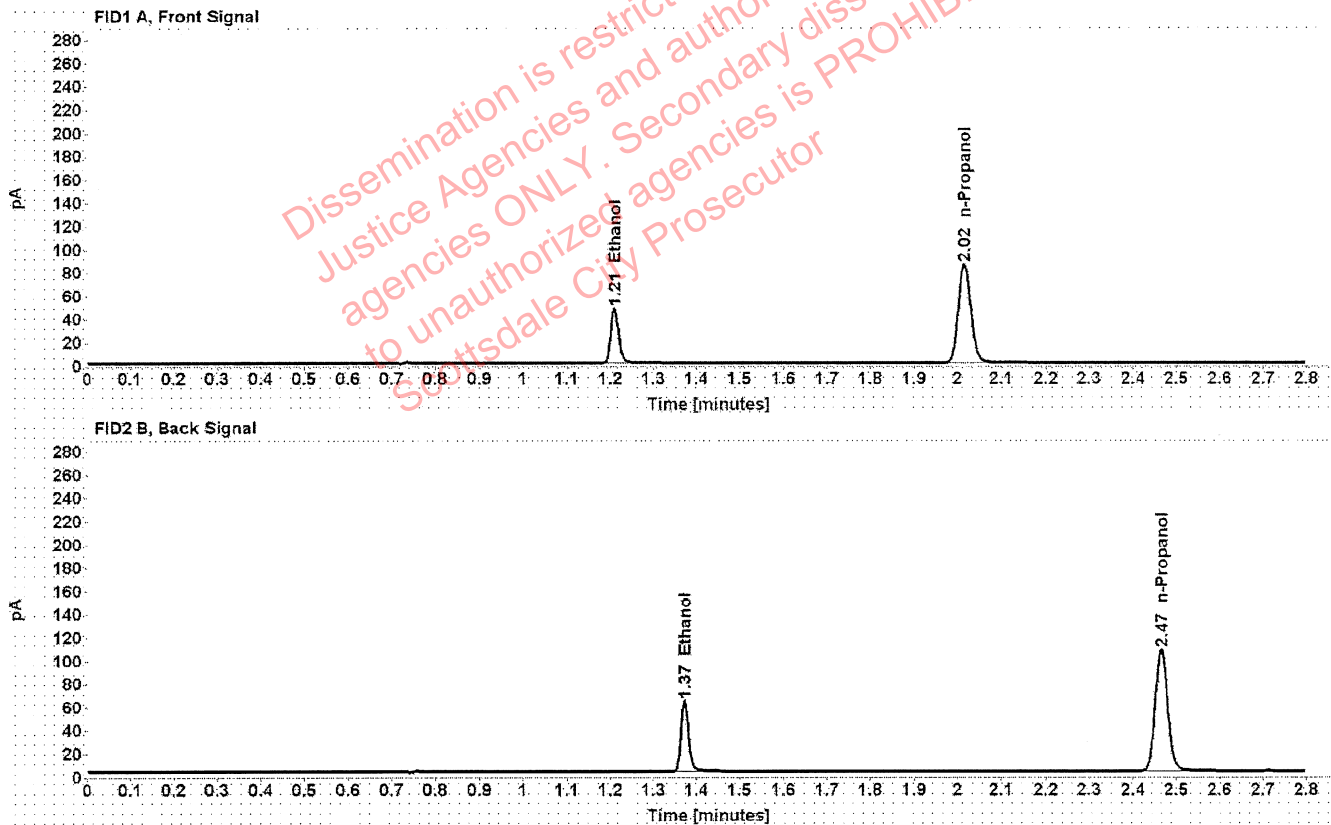


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	60.236
n-Propanol	2.015	168.993

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

Compound	Time (min)	Peak Area
Ethanol	1.373	75.074
n-Propanol	2.465	210.235

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05101903	Vial:	3
Description:	0.200 calibrator	Sequence:	14Dec21
Method:	ethanol quant.M	Injection date:	12/14/2021 11:54:39 AM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>gh</i>
Data file:	C:\Chem32\1\Data\14Dec21\3.D		

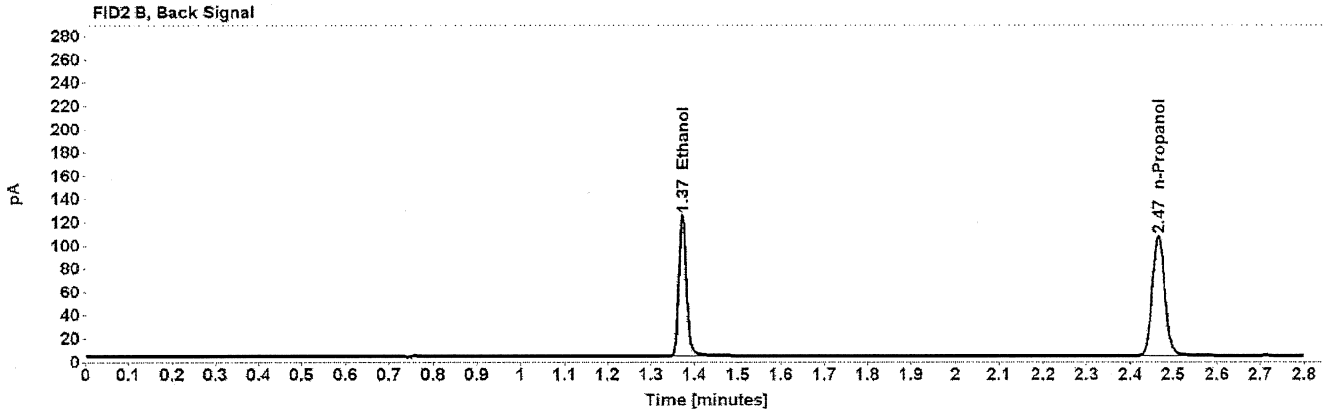
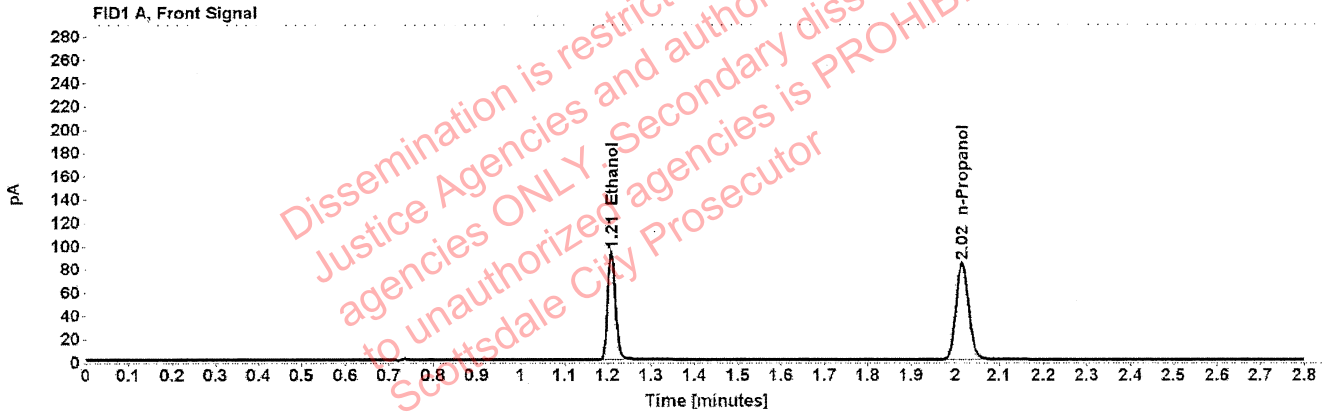


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	119.277
n-Propanol	2.015	166.710

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

Compound	Time (min)	Peak Area
Ethanol	1.372	149.674
n-Propanol	2.465	207.543

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN10051906	Vial:	4
Description:	0.400 calibrator	Sequence:	14Dec21
Method:	ethanol quant.M	Injection date:	12/14/2021 11:58:40 AM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>JA</i>
Data file:	C:\Chem32\1\Data\14Dec21\4.D		

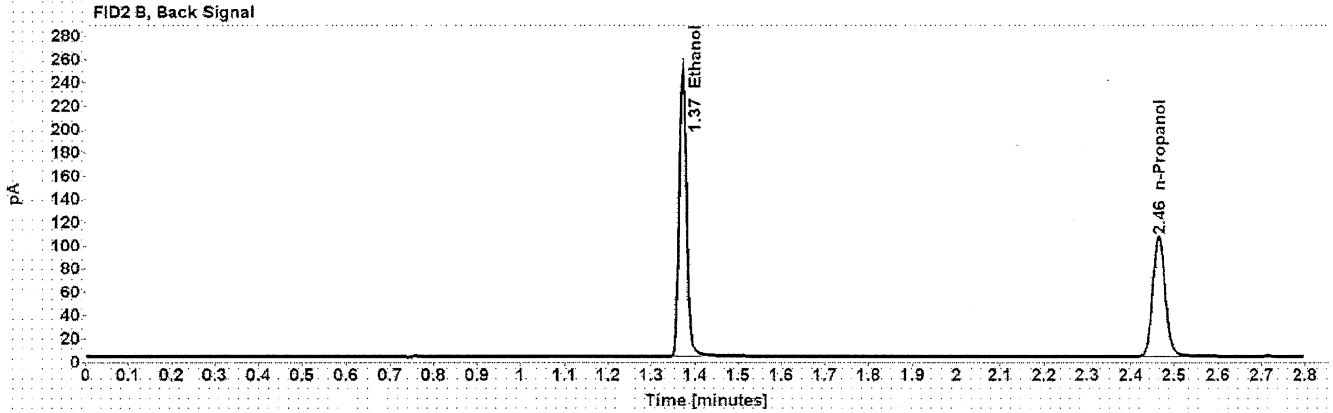
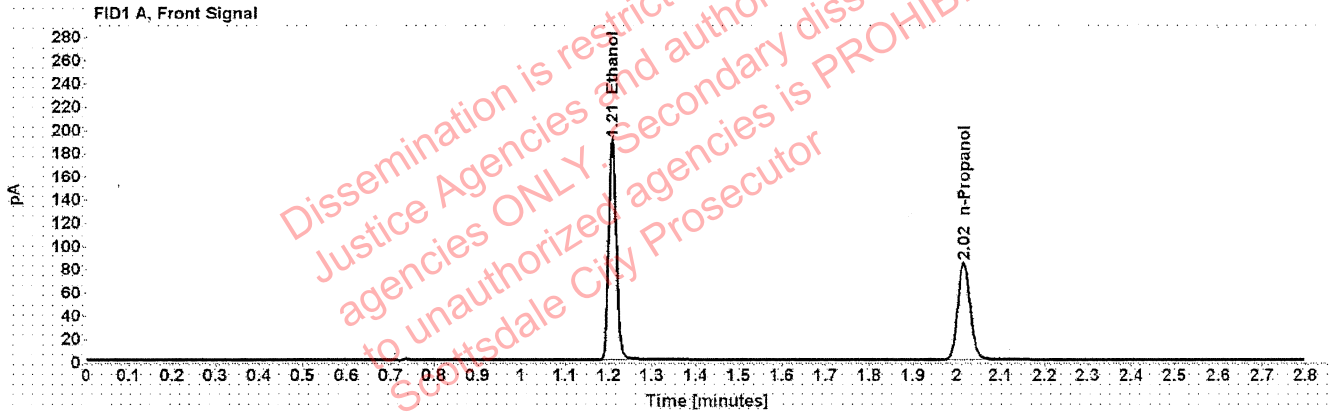


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	239.979
n-Propanol	2.015	166.678

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

Compound	Time (min)	Peak Area
Ethanol	1.372	302.102
n-Propanol	2.465	207.764

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	100421AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 12:02:40 PM
Data file:	C:\Chem32\1\Data\14Dec21\5.D	Analyst:	Abbott <i>JA</i>

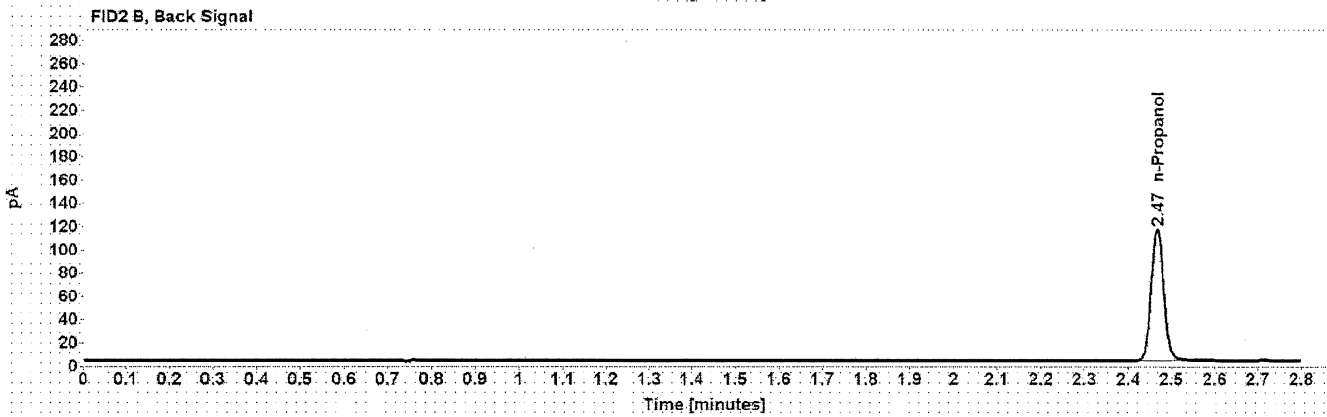
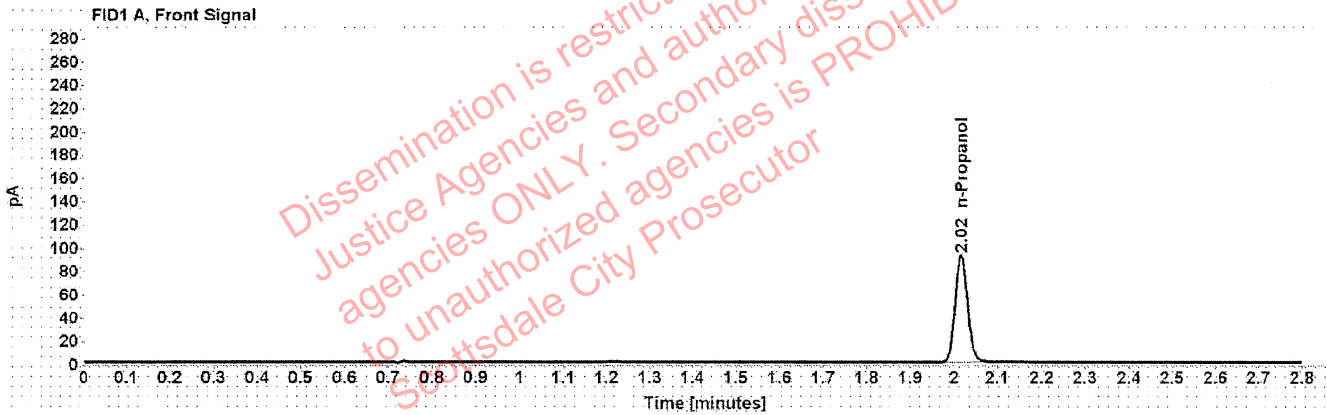


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	183.729

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	228.844

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 14Dec21
Instrument: US14173023 CN14160045	Injection date: 12/14/2021 12:06:40 PM
Data file: C:\Chem32\1\Data\14Dec21\6.D	Analyst: Abbott

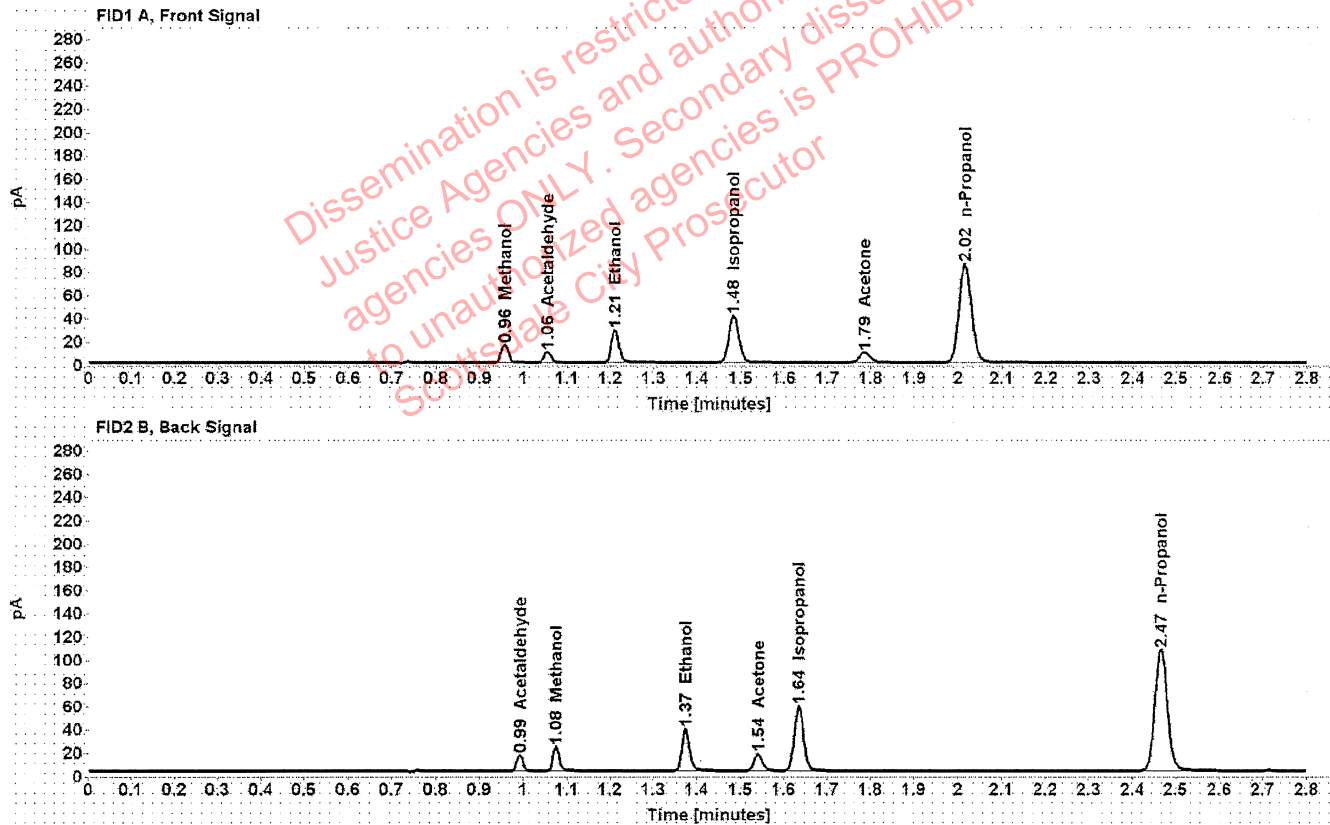


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	17.002
Acetaldehyde	-----	1.055	9.940
>Ethanol	0.0600	1.211	35.840
Isopropanol	-----	1.484	64.759
Acetone	-----	1.786	15.098
n-Propanol	-----	2.016	168.796

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	12.991
Methanol	1.076	21.914
Ethanol	1.374	44.857
Acetone	1.541	18.959
Isopropanol	1.636	83.267
n-Propanol	2.466	210.444

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 14Dec21
Instrument: US14173023 CN14160045	Injection date: 12/14/2021 12:10:55 PM
Data file: C:\Chem32\1\Data\14Dec21\7.D	Analyst: Abbott GA

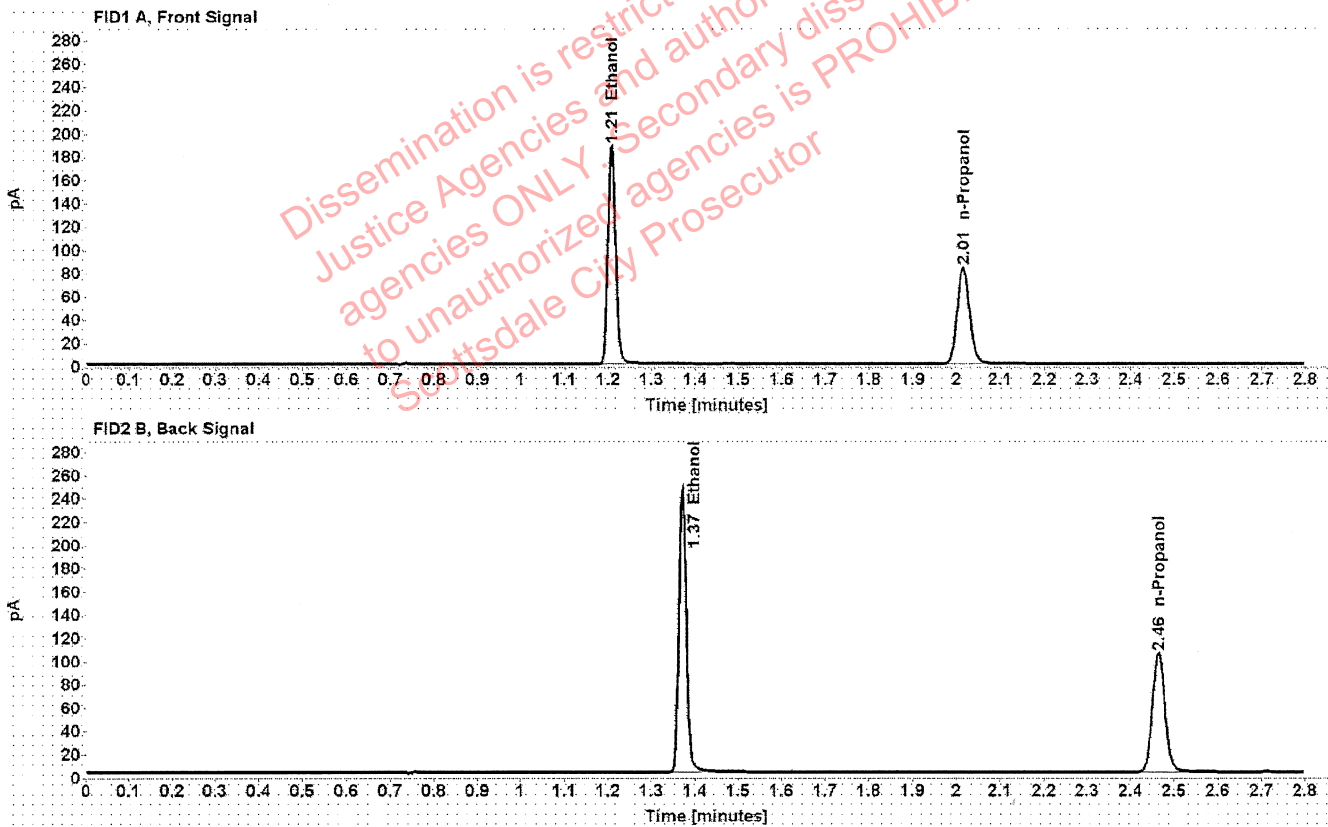


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3990	1.208	237.827
n-Propanol	-----	2.015	165.697

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

Compound	Time (min)	Peak Area
Ethanol	1.371	299.665
n-Propanol	2.465	206.737

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 14Dec21
Instrument: US14173023 CN14160045	Injection date: 12/14/2021 12:14:55 PM
Data file: C:\Chem32\1\Data\14Dec21\8.D	Analyst: Abbott <i>JA</i>

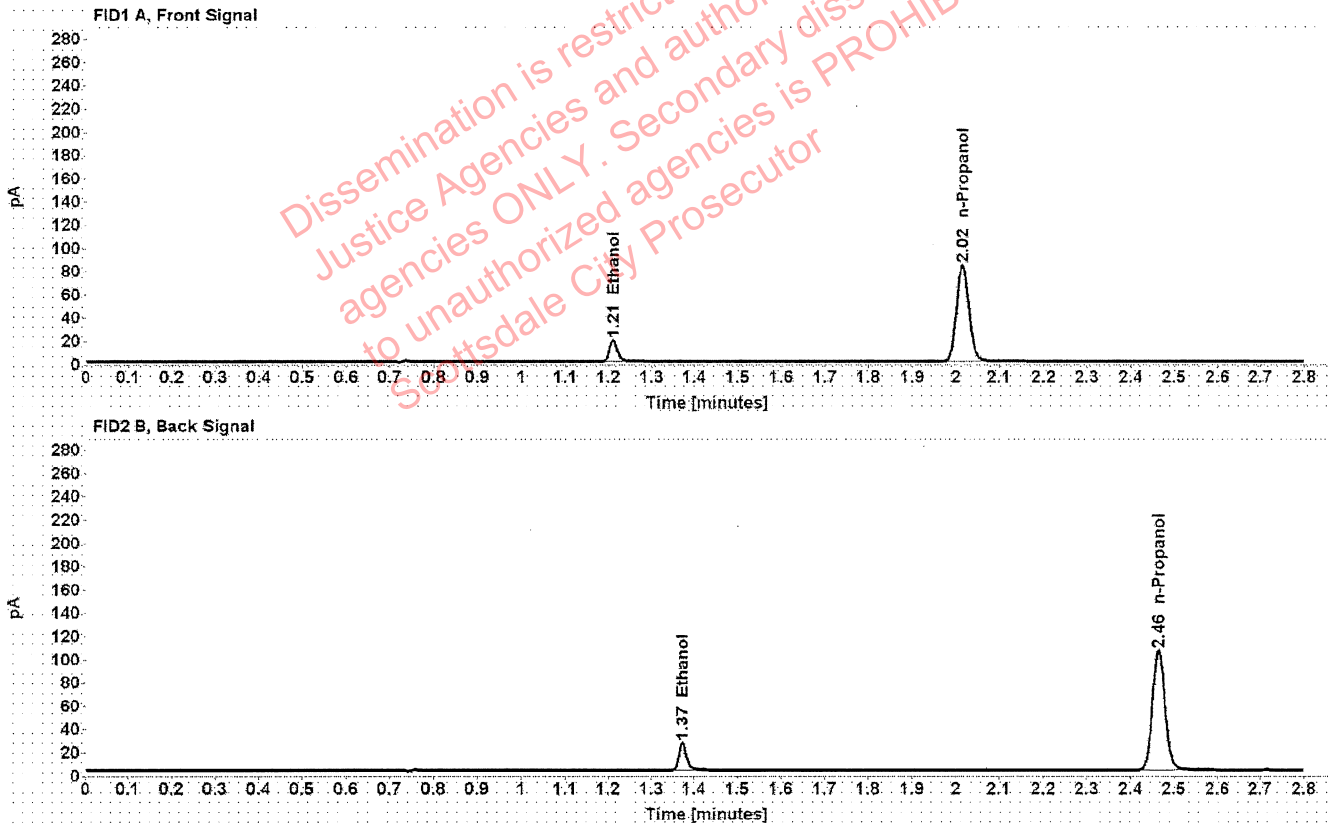


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0407	1.211	23.726
n-Propanol	-----	2.015	166.196

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

Compound	Time (min)	Peak Area
Ethanol	1.373	29.749
n-Propanol	2.465	207.495

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/2	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 14Dec21
Instrument: US14173023 CN14160045	Injection date: 12/14/2021 12:18:54 PM
Data file: C:\Chem32\1\Data\14Dec21\9.D	Analyst: Abbott <i>JA</i>

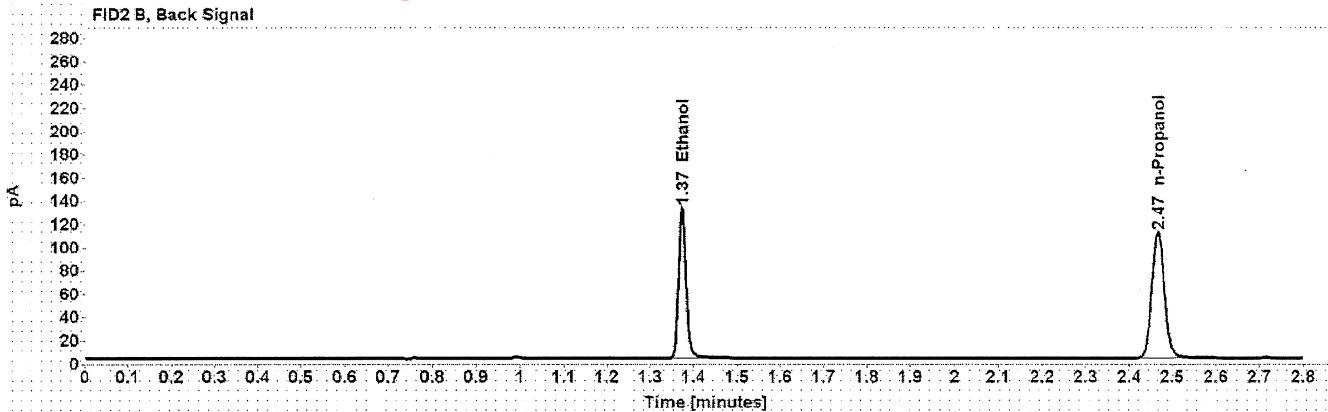
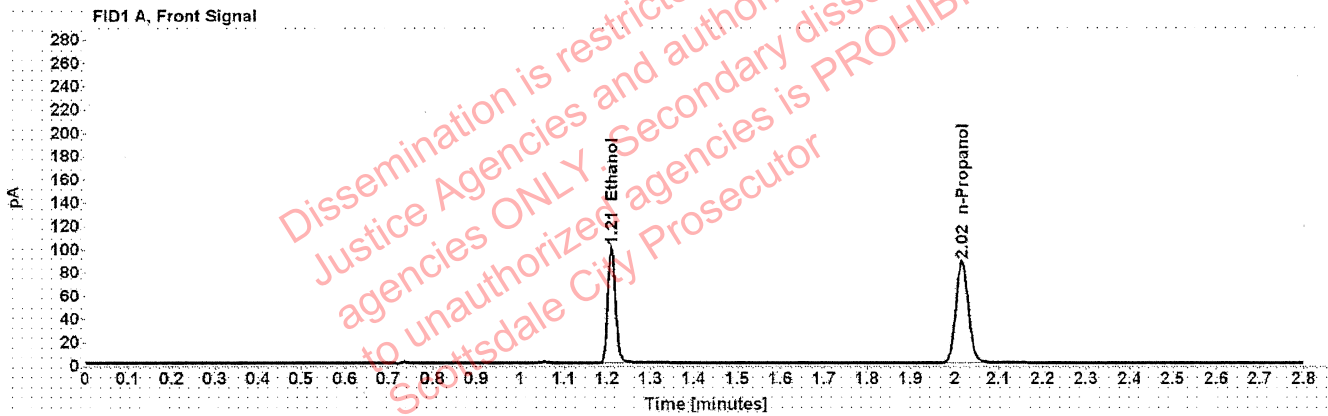


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2027	1.210	126.947
n-Propanol	-----	2.016	174.562

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

Compound	Time (min)	Peak Area
Ethanol	1.374	160.172
n-Propanol	2.467	218.234

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 1:03:25 PM
Data file:	C:\Chem32\1\Data\14Dec21\20.D	Analyst:	Abbott

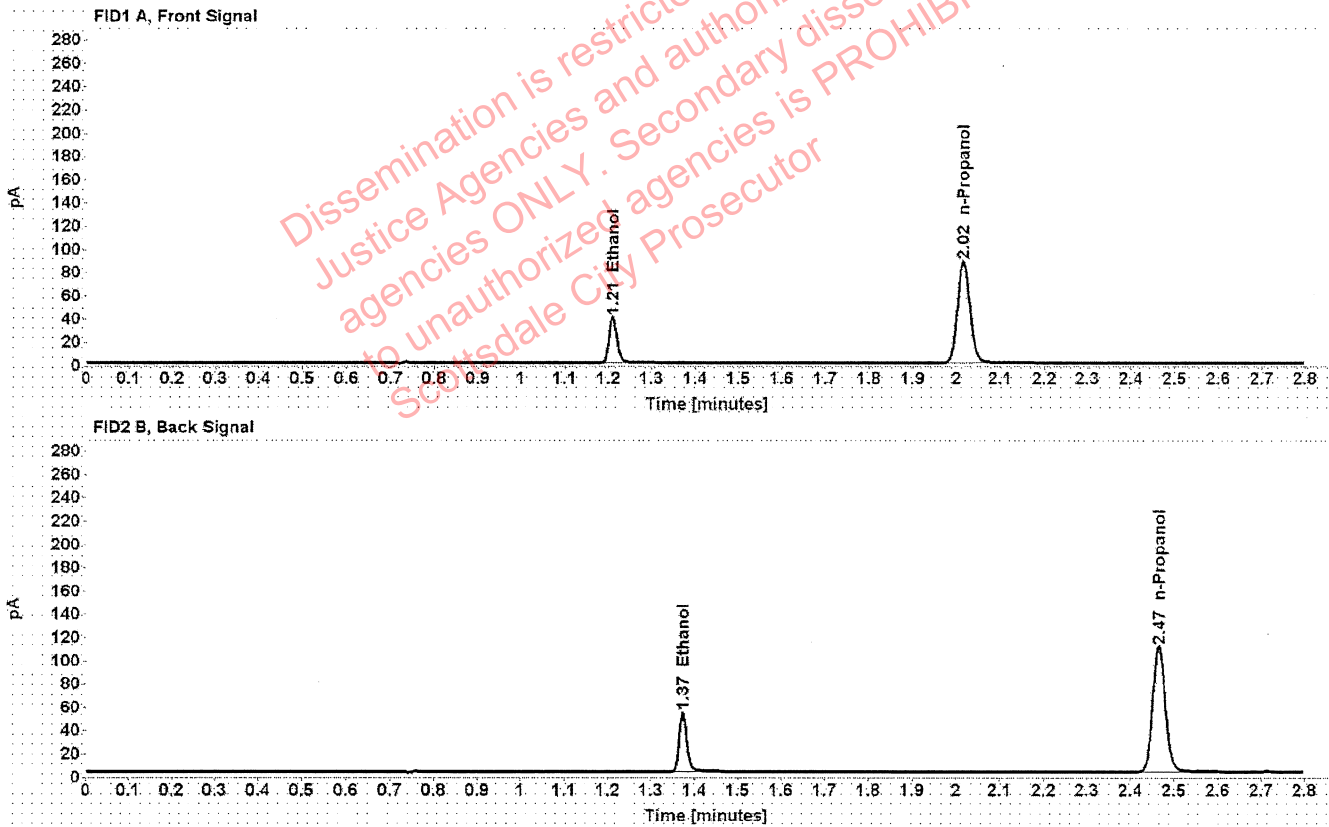


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0813	1.210	50.371
n-Propanol	-----	2.015	174.244

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

Compound	Time (min)	Peak Area
Ethanol	1.374	63.482
n-Propanol	2.466	218.422

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 14Dec21
Instrument: US14173023 CN14160045	Injection date: 12/14/2021 1:47:56 PM
Data file: C:\Chem32\1\Data\14Dec21\31.D	Analyst: Abbott JA

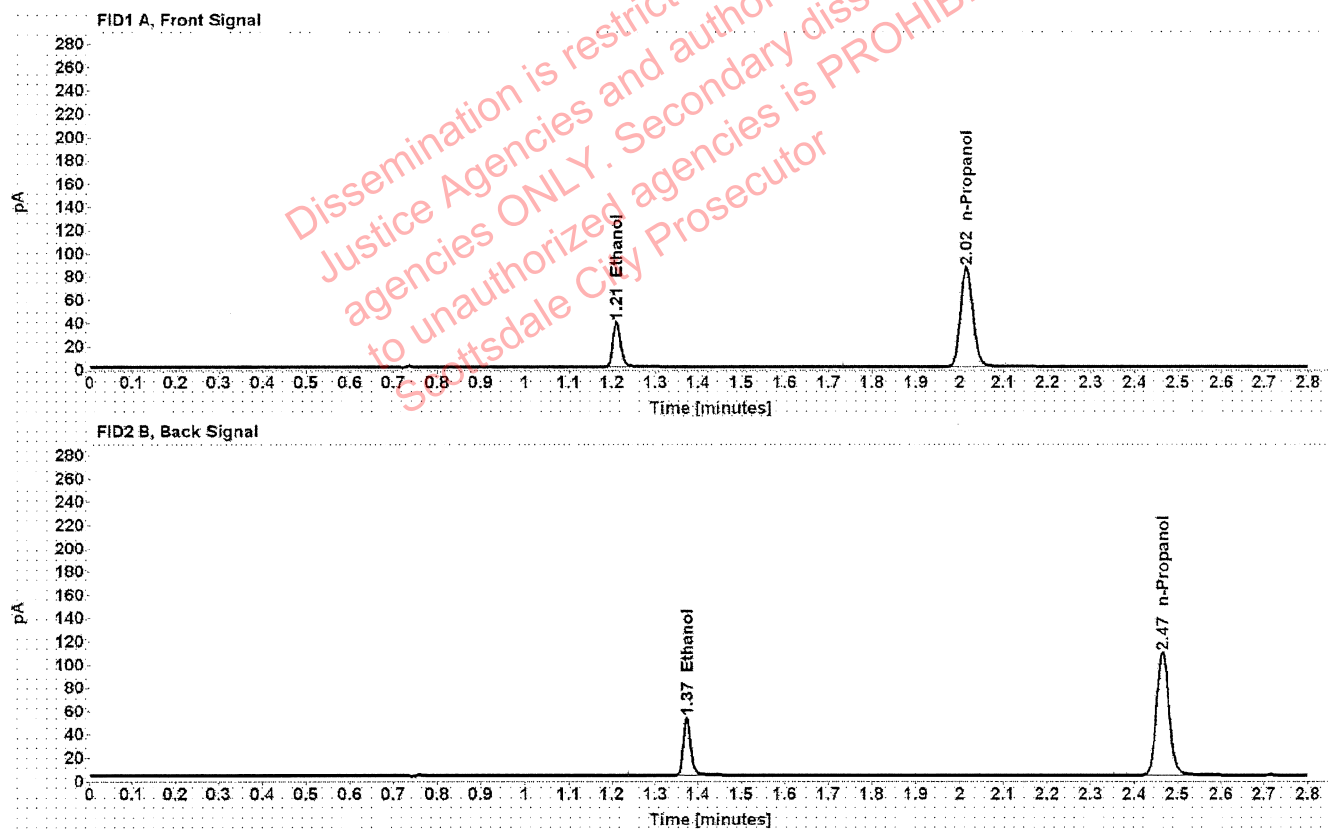


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0808	1.210	49.019
n-Propanol	-----	2.015	170.656

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

Compound	Time (min)	Peak Area
Ethanol	1.373	61.635
n-Propanol	2.466	214.030

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/2	Vial:	42
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 2:32:10 PM
Data file:	C:\Chem32\1\Data\14Dec21\42.D	Analyst:	Abbott JH

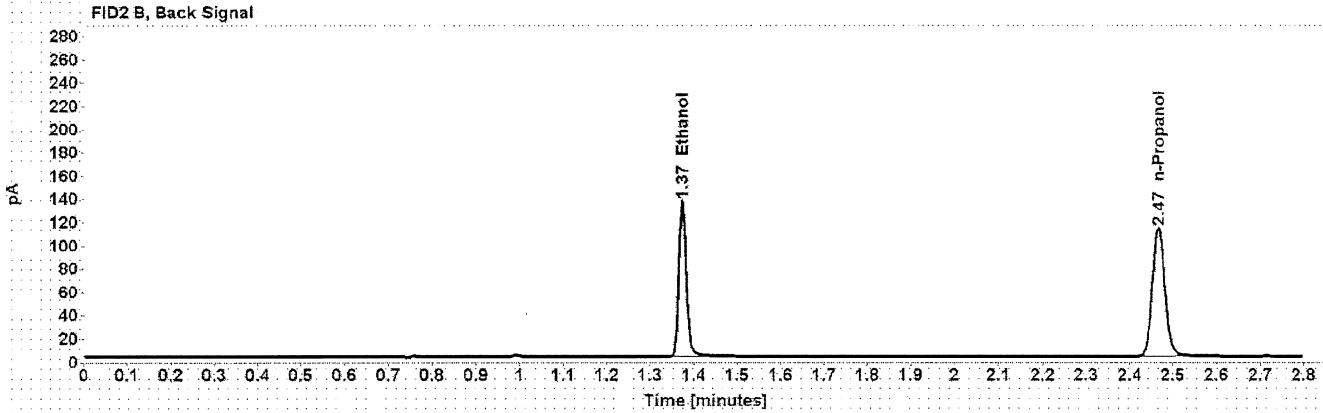
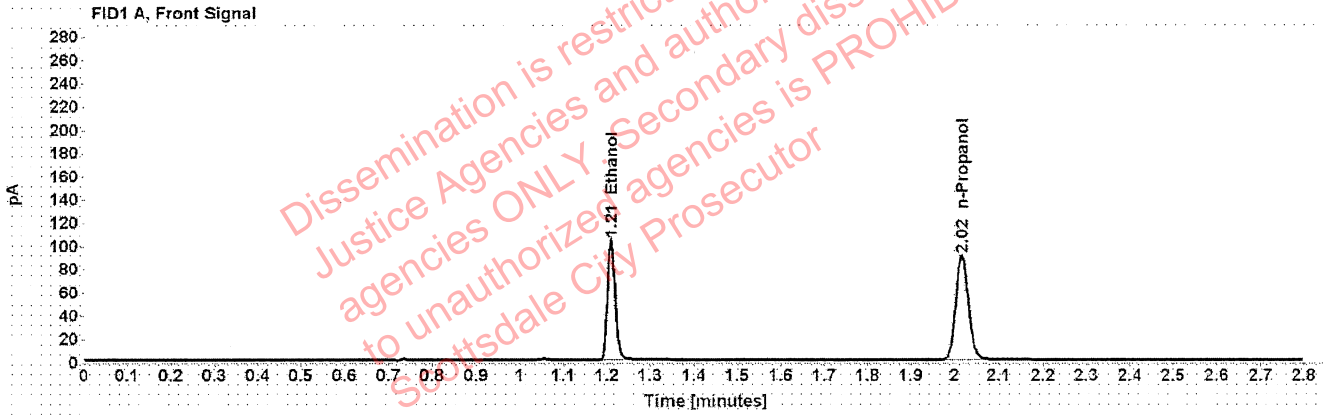


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2046	1.210	130.994
n-Propanol	-----	2.016	178.497

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

Compound	Time (min)	Peak Area
Ethanol	1.374	165.885
n-Propanol	2.467	223.850

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 53
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 14Dec21
Instrument: US14173023 CN14160045	Injection date: 12/14/2021 3:16:39 PM
Data file: C:\Chem32\1\Data\14Dec21\53.D	Analyst: Abbott J

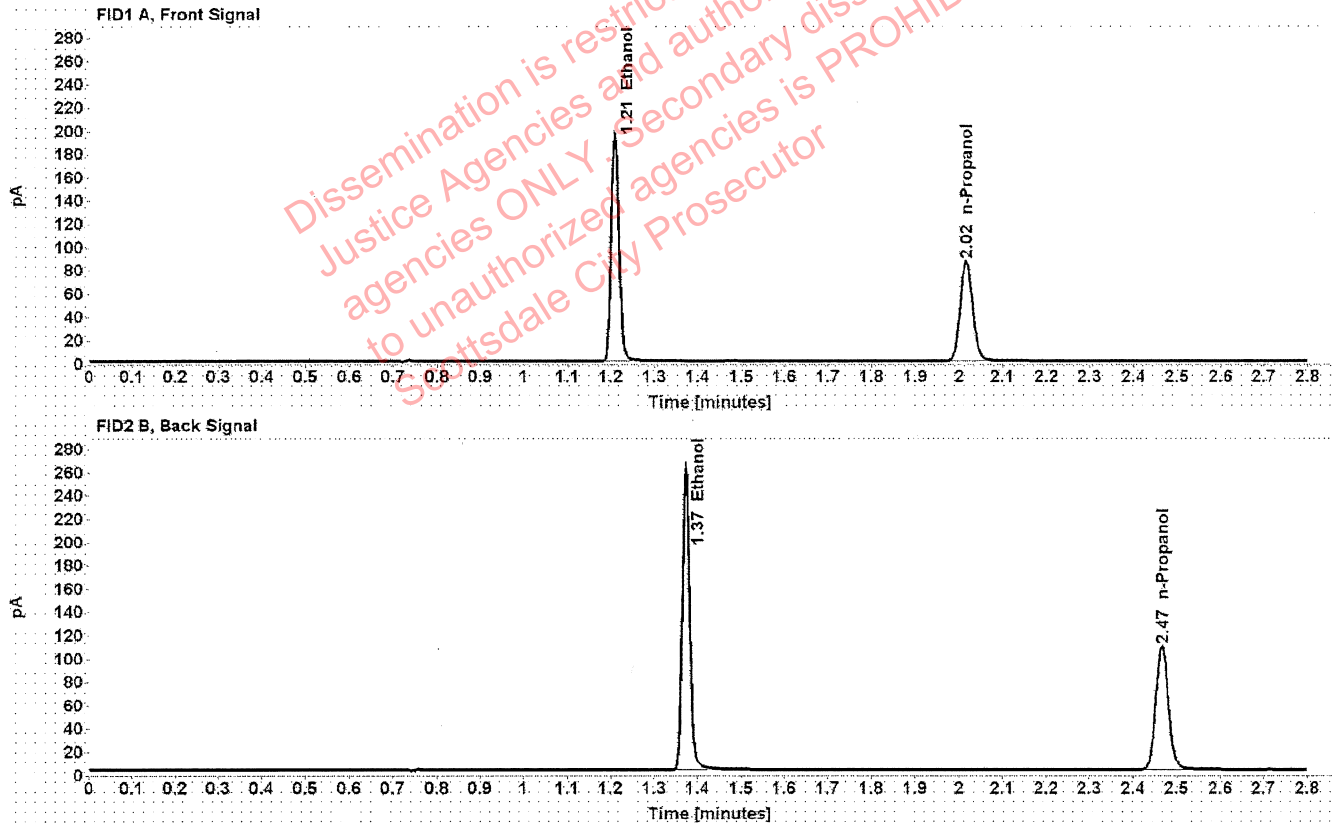


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4068	1.209	250.539
n-Propanol	-----	2.016	171.189

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

Compound	Time (min)	Peak Area
Ethanol	1.373	317.568
n-Propanol	2.466	214.940

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 54
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 14Dec21
Instrument: US14173023 CN14160045	Injection date: 12/14/2021 3:20:40 PM
Data file: C:\Chem32\1\Data\14Dec21\54.D	Analyst: Abbott <i>JA</i>

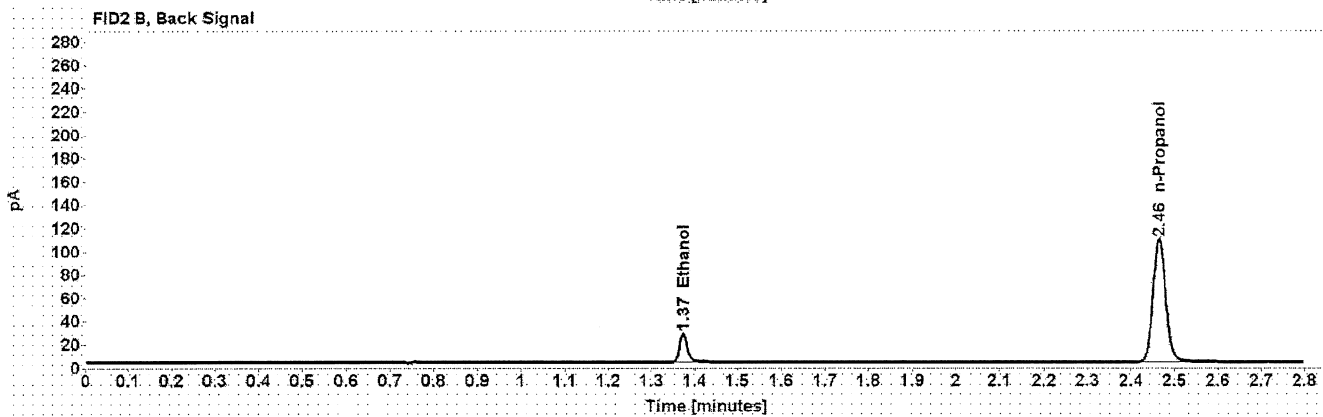
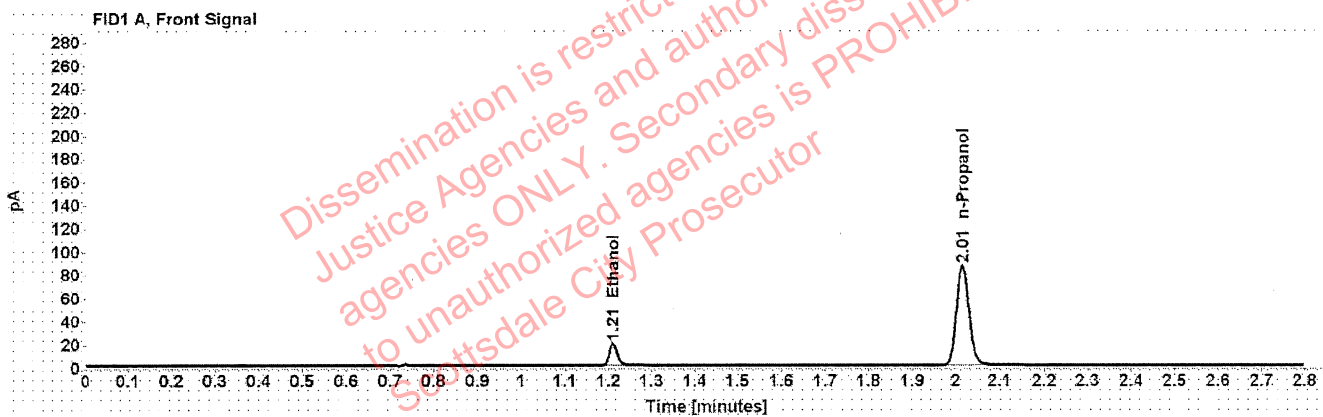


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.211	24.556
n-Propanol	-----	2.015	170.875

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

Compound	Time (min)	Peak Area
Ethanol	1.373	30.909
n-Propanol	2.465	214.228

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/2	Vial: 55
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 14Dec21
Instrument: US14173023 CN14160045	Injection date: 12/14/2021 3:24:56 PM
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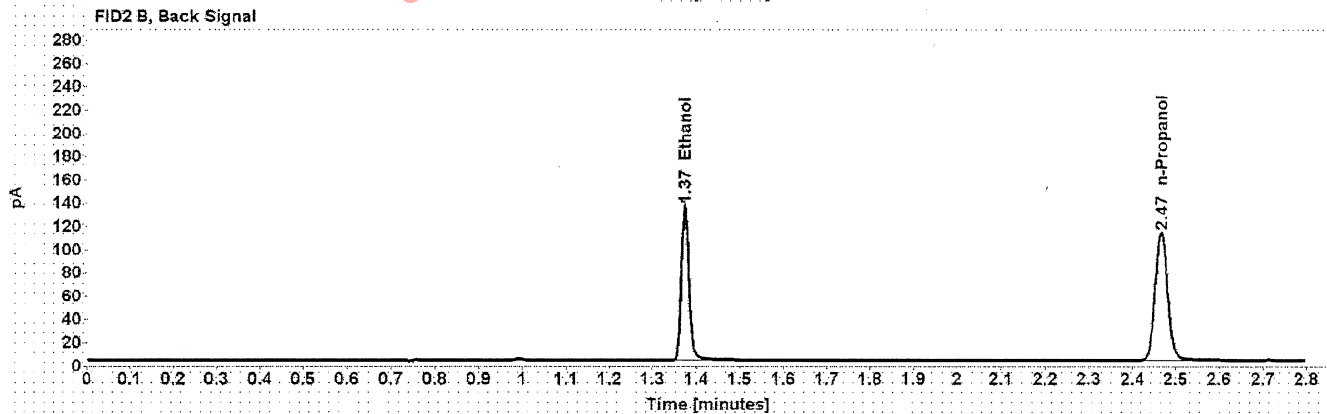
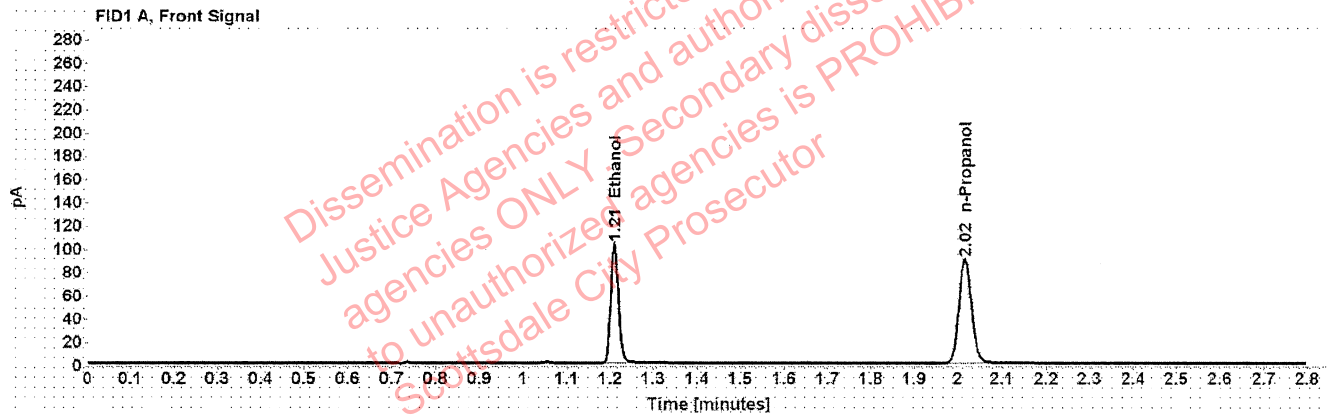


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2038	1.210	130.432
n-Propanol	-----	2.016	178.442

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

Compound	Time (min)	Peak Area
Ethanol	1.374	164.952
n-Propanol	2.466	223.679

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111020WB	Vial:	56
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 3:28:54 PM
Data file:	C:\Chem32\1\Data\14Dec21\56.D	Analyst:	Abbott <i>JA</i>

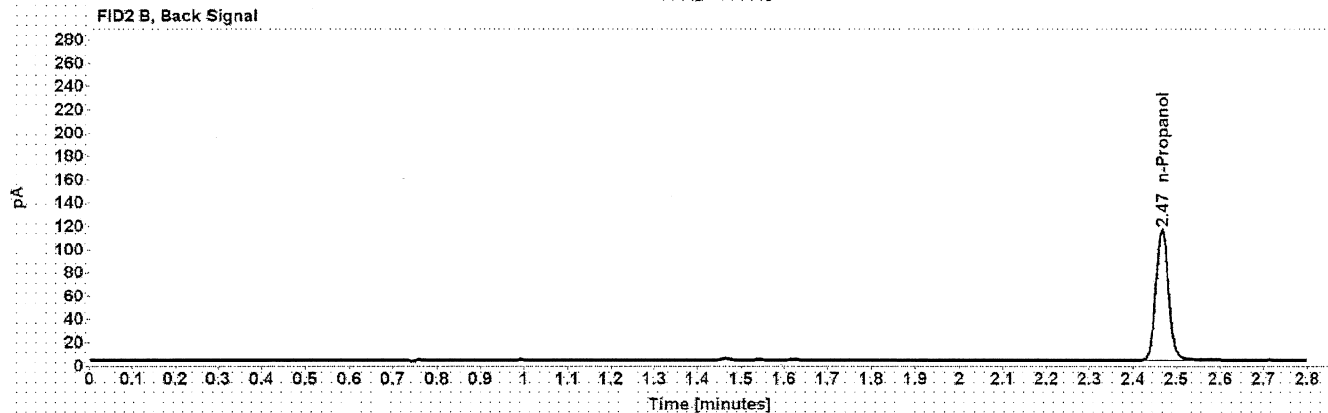
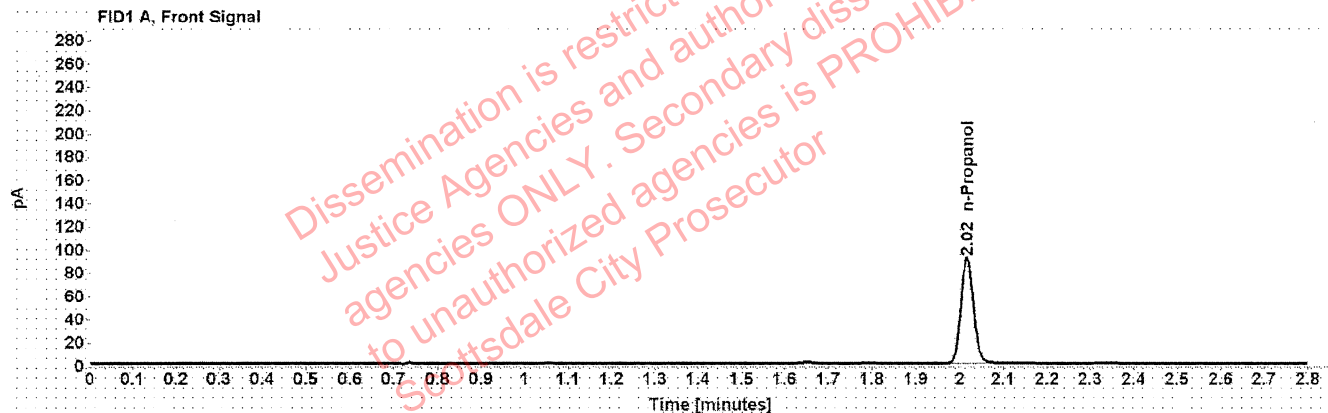


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	181.155

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	227.581

Sequence Summary

Sequence name: 14Dec21 Instrument: US14173023 CN14160045 Analyst: Abbott *gh*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN05101903	0.200 calibrator	Calibration		ethanol quant.M
4	FN10051906	0.400 calibrator	Calibration		ethanol quant.M
5	100421AQ	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/2	0.199	Control		ethanol quant.M
10	32701EZ		Sample		ethanol quant.M
11	32701EZ		Sample		ethanol quant.M
12	32701AL		Sample		ethanol quant.M
13	32701AL		Sample		ethanol quant.M
14	38201RA		Sample		ethanol quant.M
15	38201RA		Sample		ethanol quant.M
16	32701SH		Sample		ethanol quant.M
17	32701SH		Sample		ethanol quant.M
18	39101CG		Sample		ethanol quant.M
19	39101CG		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	33701SD		Sample		ethanol quant.M
22	33701SD		Sample		ethanol quant.M
23	12001TB		Sample		ethanol quant.M
24	12001TB		Sample		ethanol quant.M
25	1398952		Sample		ethanol quant.M
26	1398952		Sample		ethanol quant.M
27	1399540		Sample		ethanol quant.M
28	1399540		Sample		ethanol quant.M
29	1397519		Sample		ethanol quant.M
30	1397519		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	1397388		Sample		ethanol quant.M
33	1397388		Sample		ethanol quant.M
34	1399757		Sample		ethanol quant.M
35	1399757		Sample		ethanol quant.M
36	1399964		Sample		ethanol quant.M
37	1399964		Sample		ethanol quant.M
38	1399859		Sample		ethanol quant.M
39	1399859		Sample		ethanol quant.M
40	1399728		Sample		ethanol quant.M
41	1399728		Sample		ethanol quant.M
42	4110320133/2	0.199	Control		ethanol quant.M
43	1399633		Sample		ethanol quant.M
44	1399633		Sample		ethanol quant.M
45	1397895		Sample		ethanol quant.M
46	1397895		Sample		ethanol quant.M
47	1400364		Sample		ethanol quant.M

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

Sequence Summary

48	1400364		Sample		ethanol quant.M
49	1400515		Sample		ethanol quant.M
50	1400515		Sample		ethanol quant.M
51	1338431		Sample		ethanol quant.M
52	1338431		Sample		ethanol quant.M
53	11092018-A	0.400	Control		ethanol quant.M
54	14082019-B	0.040	Control		ethanol quant.M
55	4110320133/2	0.199	Control		ethanol quant.M
56	111020WB	Negative	Control		ethanol quant.M

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Scottsdale City Prosecutor

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 14Dec21

ANALYST: Abbott 

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0458	0.0454	0.04560	0.44	0.00020
12 13	0.1630	0.1639	0.16345	0.28	0.00045
14 15	0.2013	0.2015	0.20140	0.05	0.00010
16 17	0.2108	0.2110	0.21090	0.05	0.00010
18 19	0.2388	0.2399	0.23935	0.23	0.00055
21 22	0.2033	0.2048	0.20405	0.37	0.00075
23 24	0.1425	0.1420	0.14225	0.18	0.00025
25 26	0.2338	0.2494	0.24160	3.23	0.00780
27 28	0.1360	0.1352	0.13560	0.29	0.00040
29 30	0.0712	0.0716	0.07140	0.28	0.00020
32 33	0.1230	0.1222	0.12260	0.33	0.00040
34 35	0.1980	0.1979	0.19795	0.03	0.00005
36 37	0.2377	0.2482	0.24295	2.16	0.00525
38 39	0.1040	0.1037	0.10385	0.14	0.00015
40 41	0.1180	0.1181	0.11805	0.04	0.00005
43 44	0.2788	0.2795	0.27915	0.13	0.00035
45 46	0.1273	0.1286	0.12795	0.51	0.00065
47 48	0.1916	0.1915	0.19155	0.03	0.00005
49 50	0.1418	0.1423	0.14205	0.18	0.00025
51 52	0.1425	0.1432	0.14285	0.25	0.00035

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701EZ	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 12:22:56 PM
Data file:	C:\Chem32\1\Data\14Dec21\10.D	Analyst:	Abbott

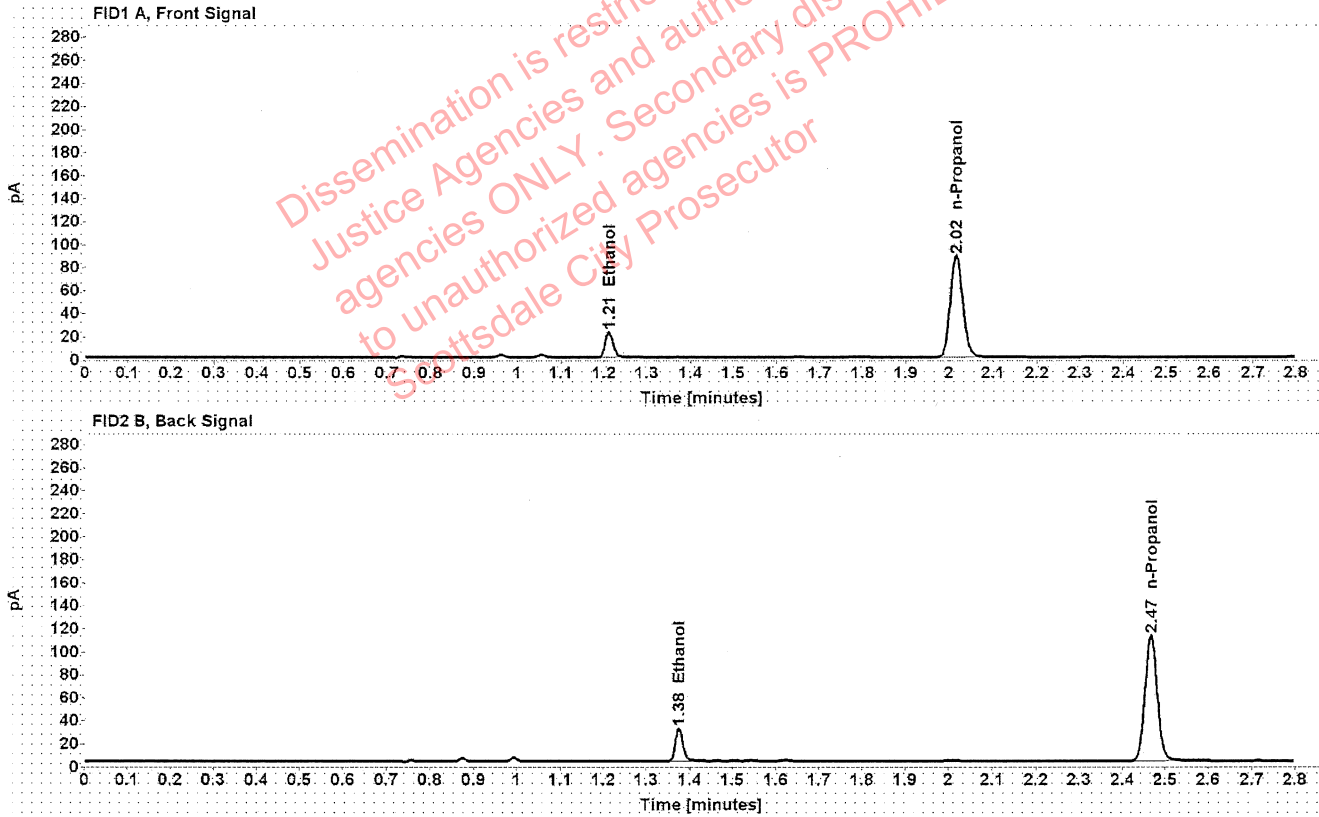


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0458	1.212	28.233
n-Propanol	-----	2.016	175.512

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

Compound	Time (min)	Peak Area
Ethanol	1.375	35.858
n-Propanol	2.467	220.340

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701EZ	Vial:	11
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 12:26:54 PM
Data file:	C:\Chem32\1\Data\14Dec21\11.D	Analyst:	Abbott

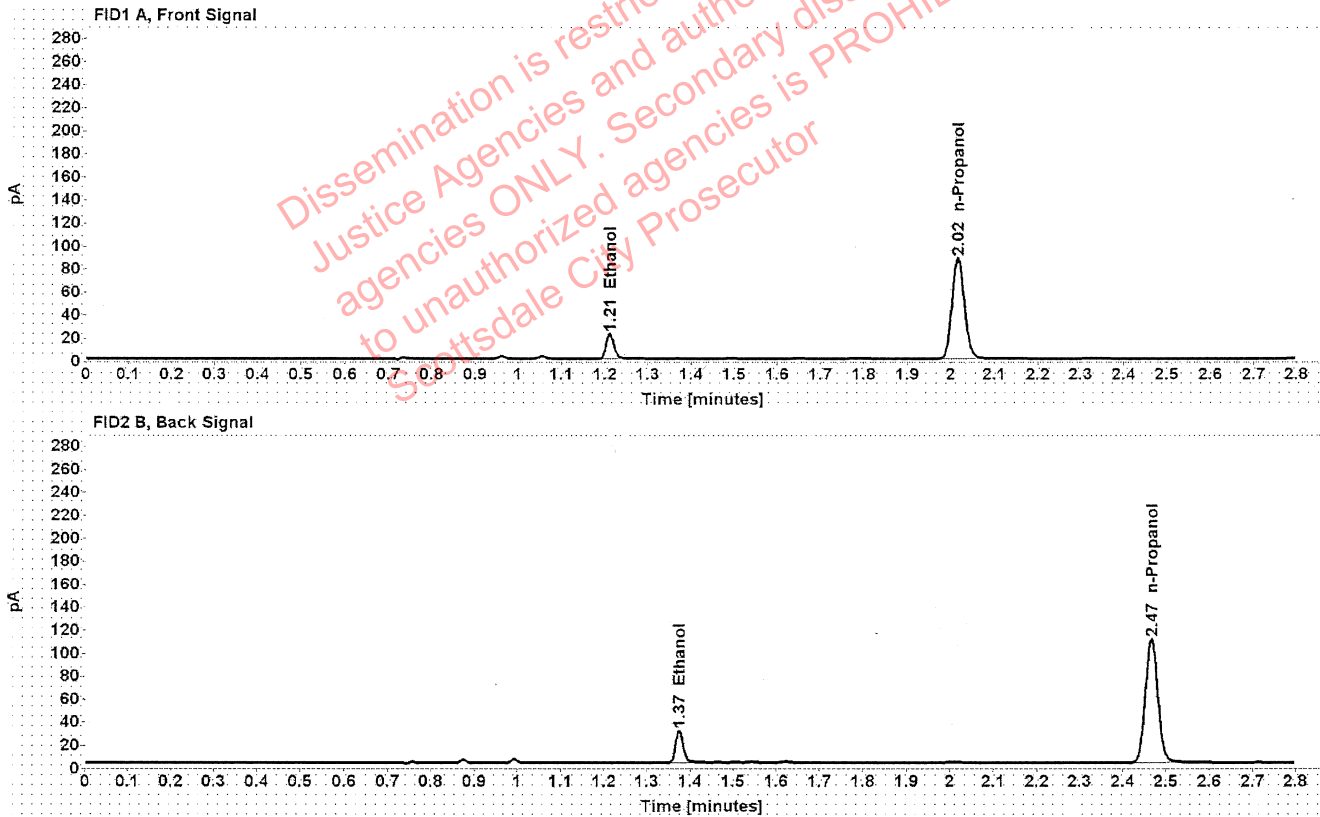


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0454	1.212	27.710
n-Propanol	-----	2.016	173.534

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

Compound	Time (min)	Peak Area
Ethanol	1.375	35.222
n-Propanol	2.466	217.998

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701AL	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 12:30:55 PM
Data file:	C:\Chem32\1\Data\14Dec21\12.D	Analyst:	Abbott

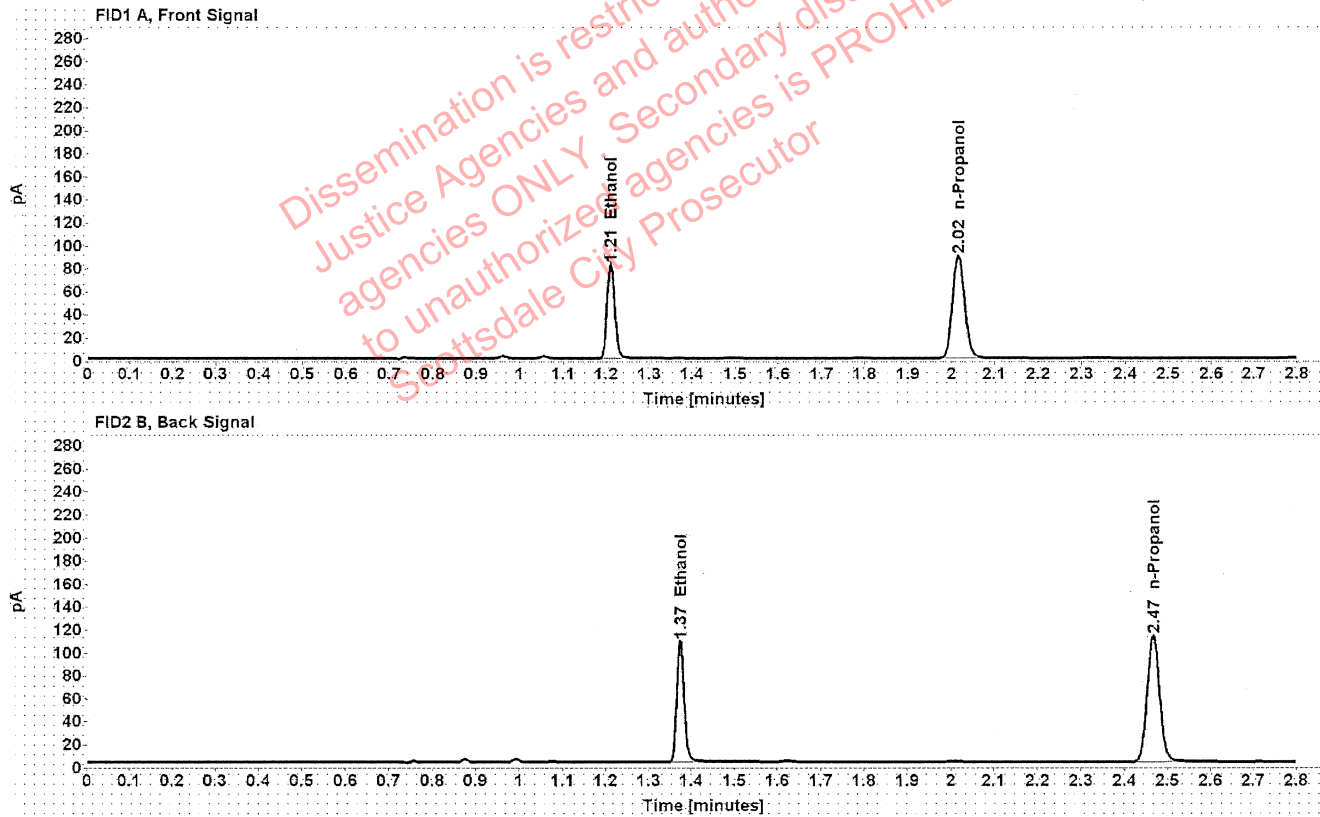


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1630	1.210	103.658
n-Propanol	-----	2.016	177.547

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

Compound	Time (min)	Peak Area
Ethanol	1.374	130.462
n-Propanol	2.466	222.654

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701AL	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 12:35:10 PM
Data file:	C:\Chem32\1\Data\14Dec21\13.D	Analyst:	Abbott

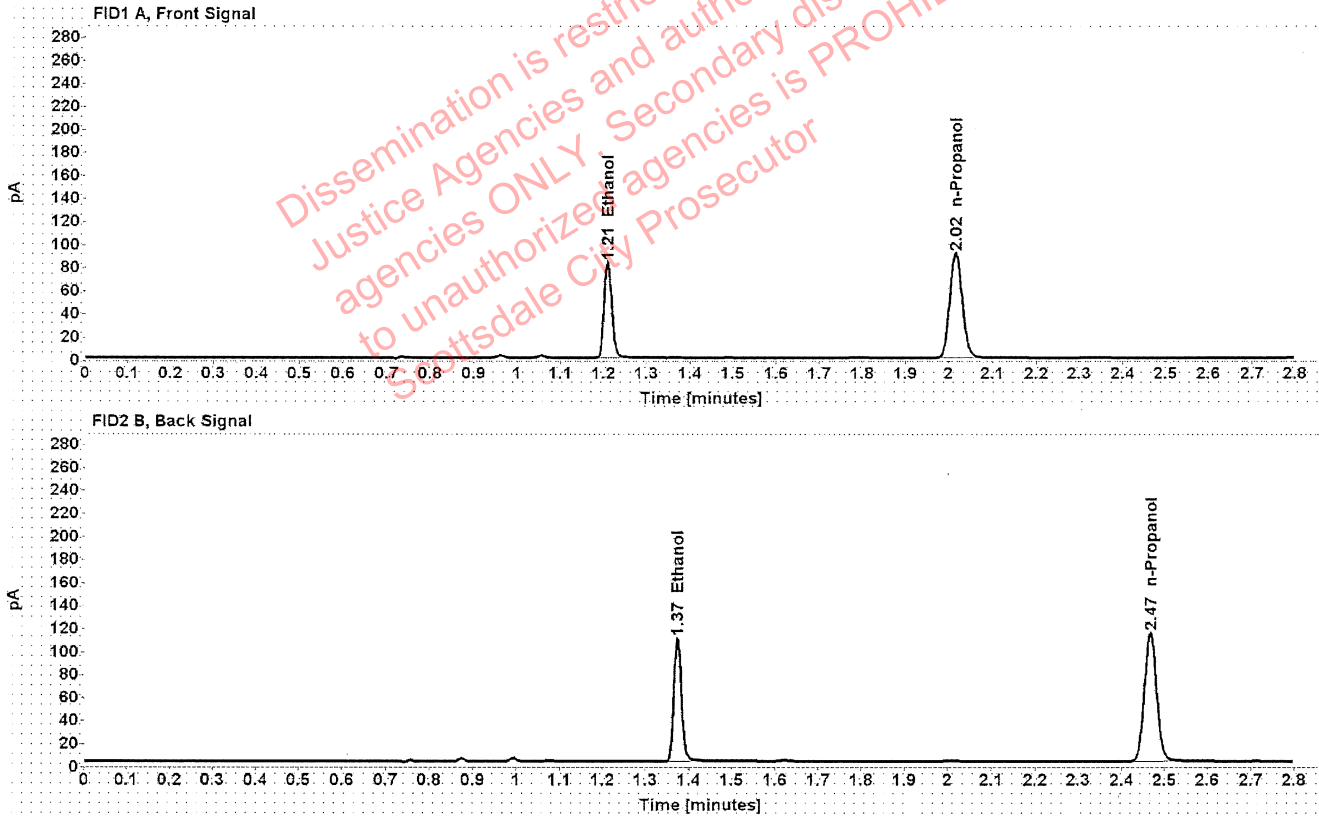


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1639	1.210	105.723
n-Propanol	-----	2.016	180.026

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

Compound	Time (min)	Peak Area
Ethanol	1.374	132.888
n-Propanol	2.466	225.734

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38201RA	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 12:39:11 PM
Data file:	C:\Chem32\1\Data\14Dec21\14.D	Analyst:	Abbott

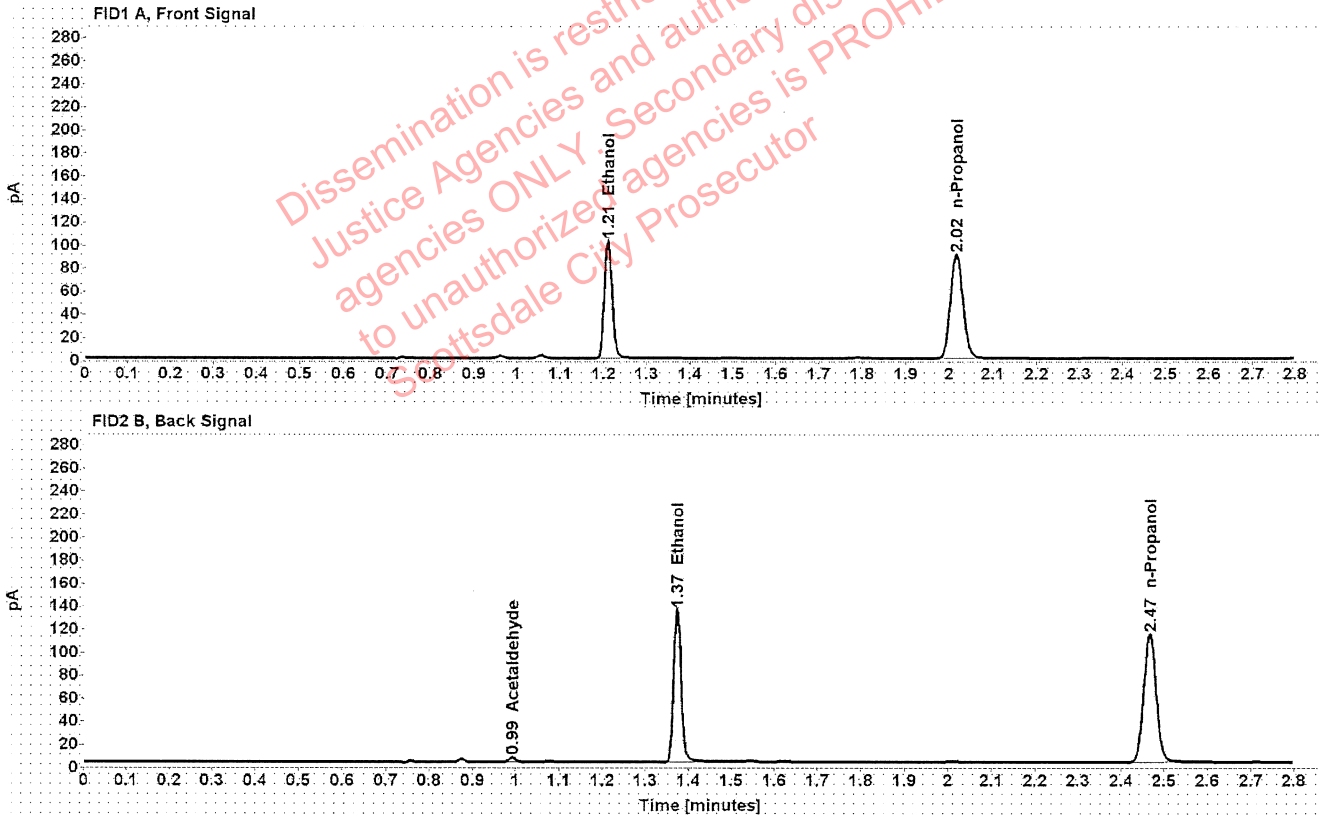


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2013	1.210	129.699
n-Propanol	-----	2.016	179.667

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.901
Ethanol	1.374	163.458
n-Propanol	2.466	225.274

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38201RA	Vial:	15
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 12:43:09 PM
Data file:	C:\Chem32\1\Data\14Dec21\15.D	Analyst:	Abbott

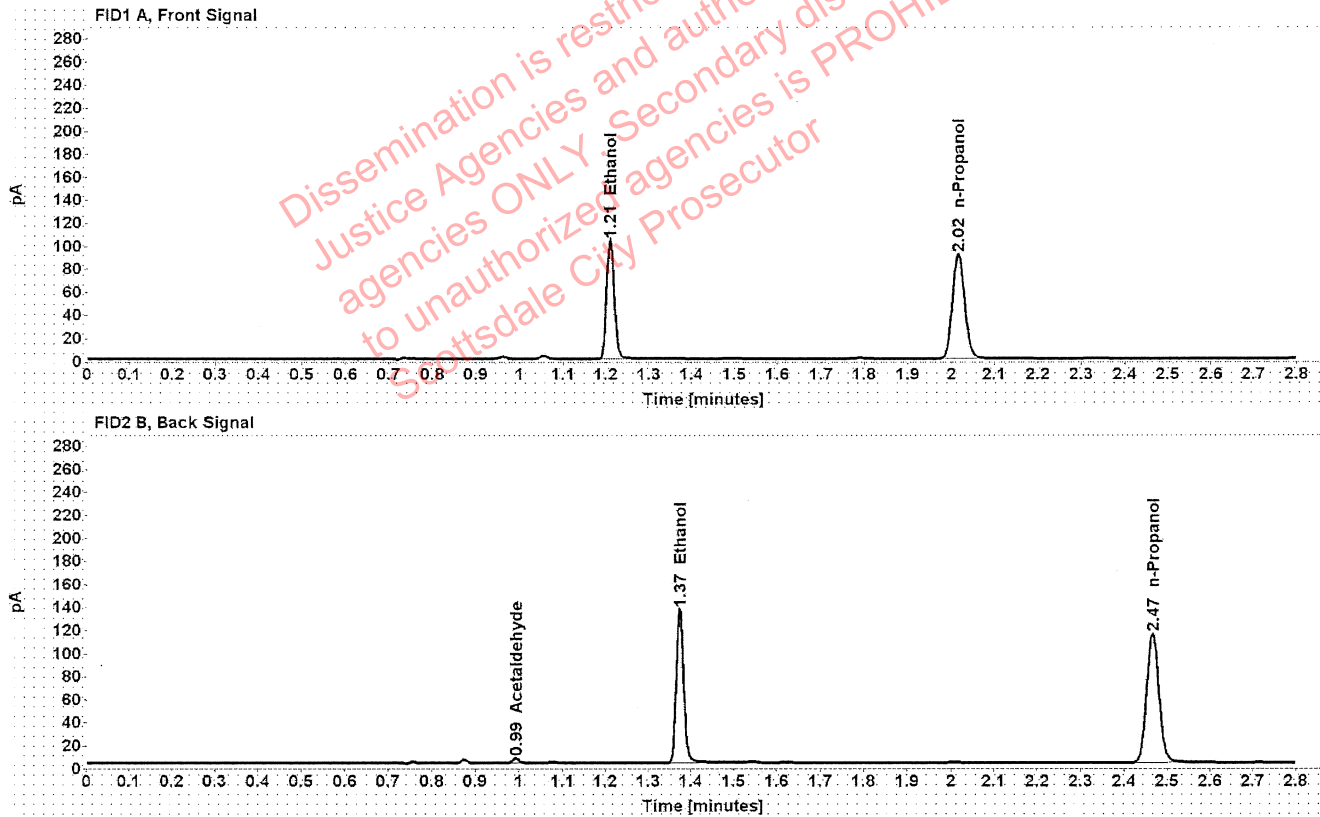


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2015	1.210	130.709
n-Propanol	-----	2.016	180.856

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.932
Ethanol	1.374	166.030
n-Propanol	2.466	226.733

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701SH	Vial:	16
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 12:47:10 PM
Data file:	C:\Chem321\1\Data\14Dec21\16.D	Analyst:	Abbott

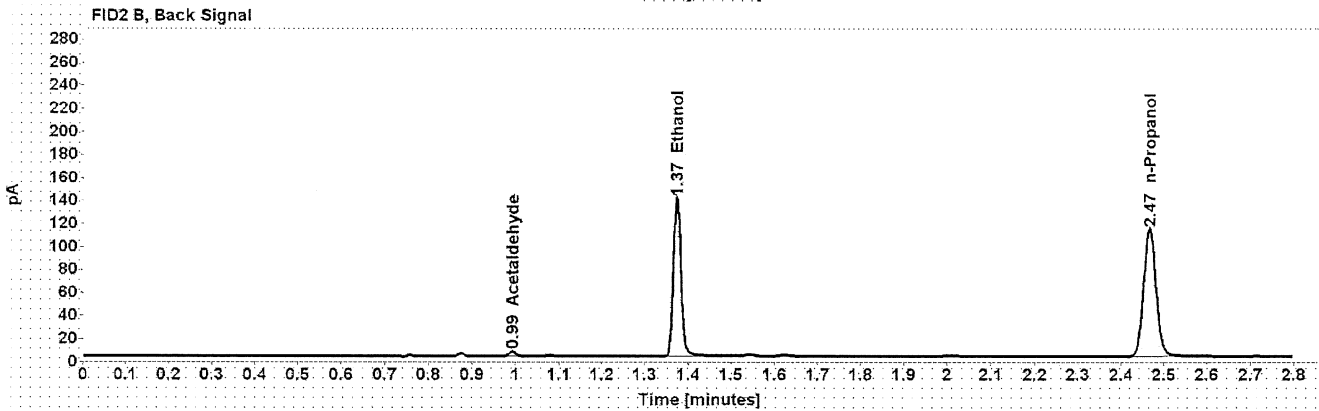
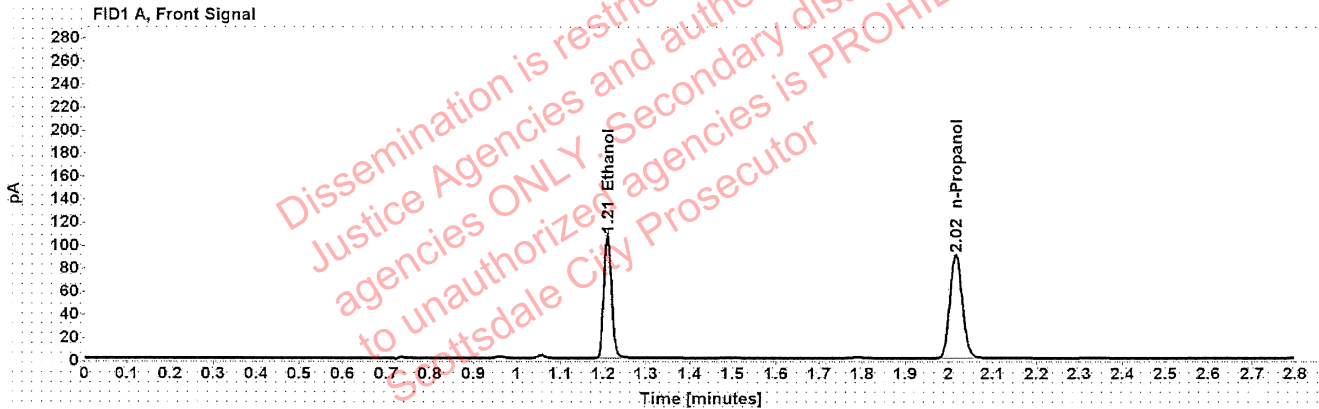


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2108	1.210	135.293
n-Propanol	-----	2.016	178.927

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.944
Ethanol	1.374	171.802
n-Propanol	2.467	224.376

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701SH	Vial:	17
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 12:51:10 PM
Data file:	C:\Chem32\1\Data\14Dec21\17.D	Analyst:	Abbott

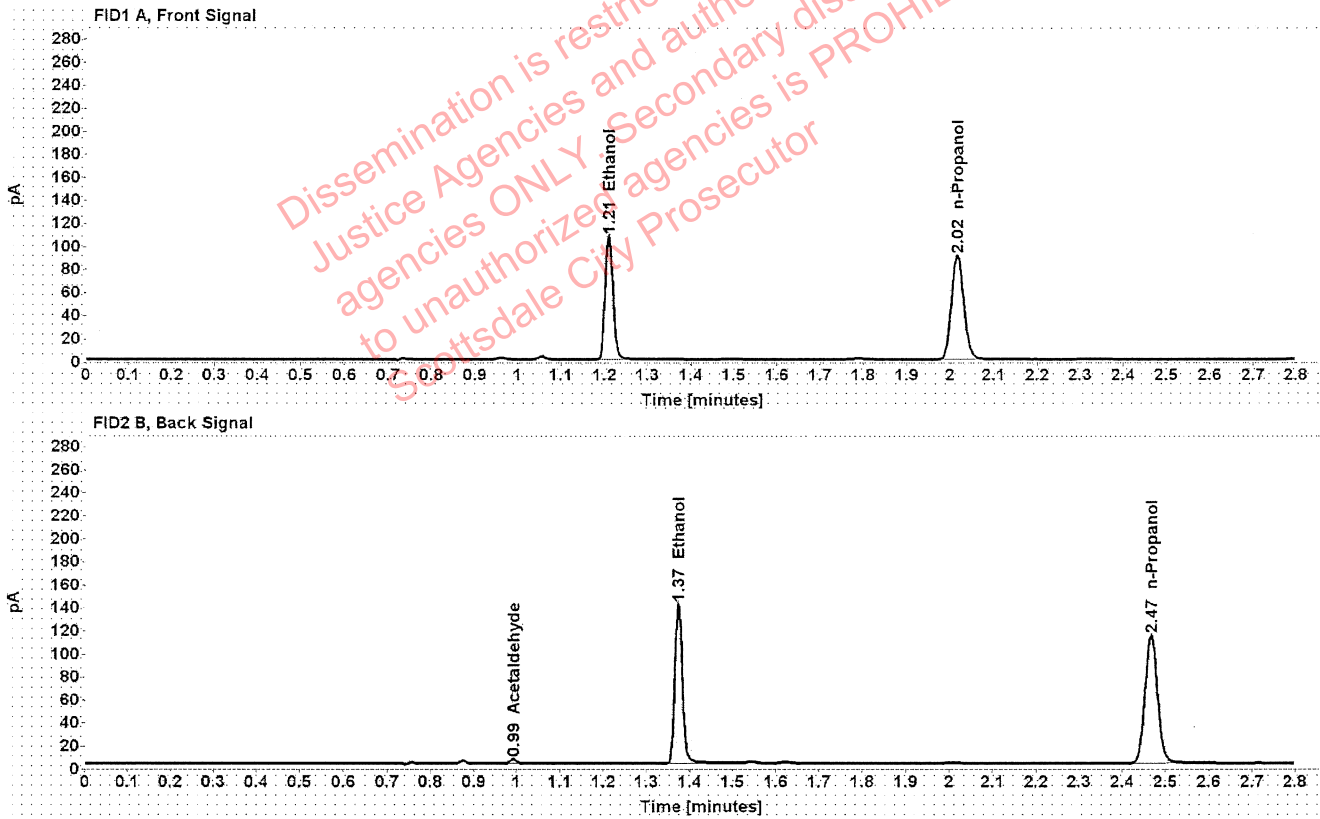


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2110	1.210	135.584
n-Propanol	-----	2.016	179.109

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.918
Ethanol	1.374	172.219
n-Propanol	2.467	224.931

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	39101CG	Vial:	18
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 12:55:11 PM
Data file:	C:\Chem32\1\Data\14Dec21\18.D	Analyst:	Abbott

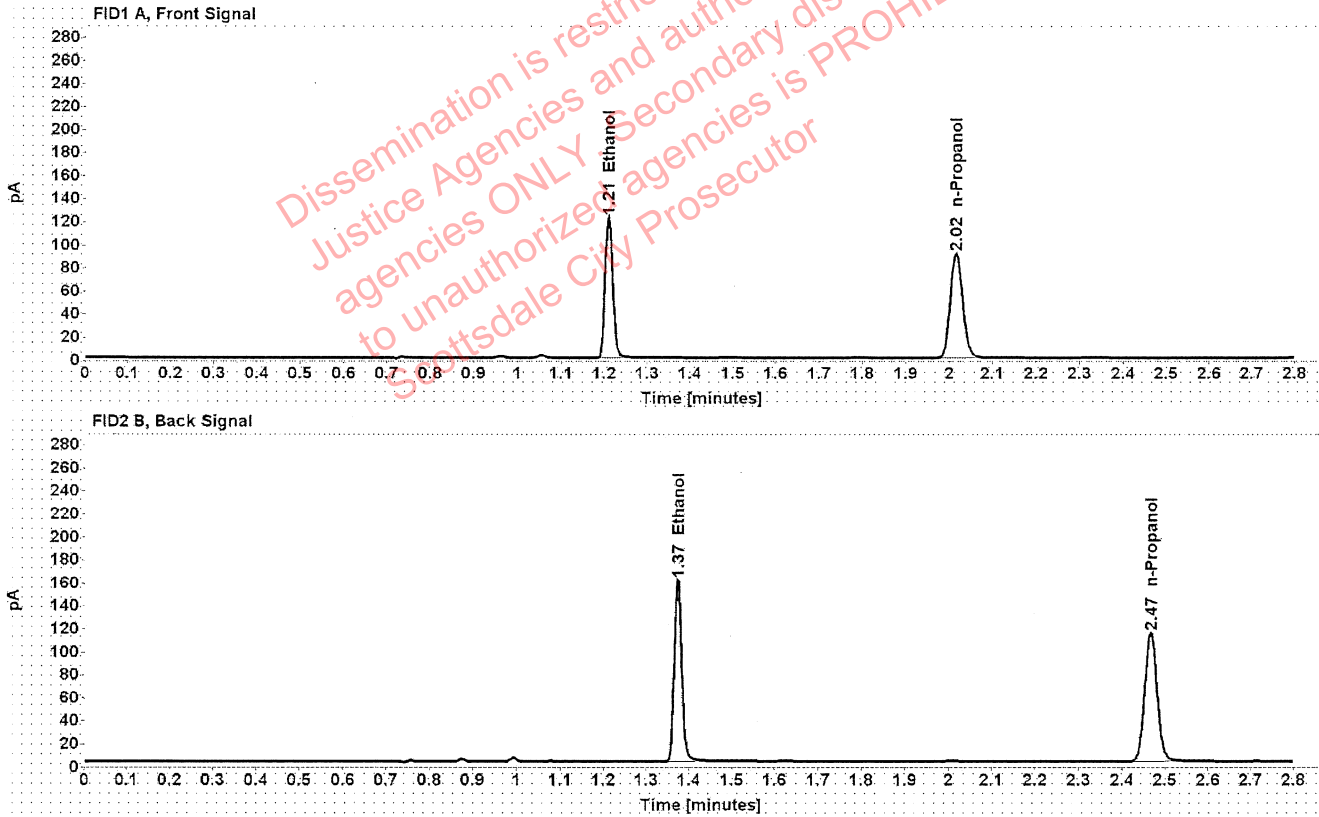


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2388	1.210	154.585
n-Propanol	-----	2.016	180.295

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

Compound	Time (min)	Peak Area
Ethanol	1.374	195.154
n-Propanol	2.467	225.965

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	39101CG	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 12:59:24 PM
Data file:	C:\Chem32\1\Data\14Dec21\19.D	Analyst:	Abbott

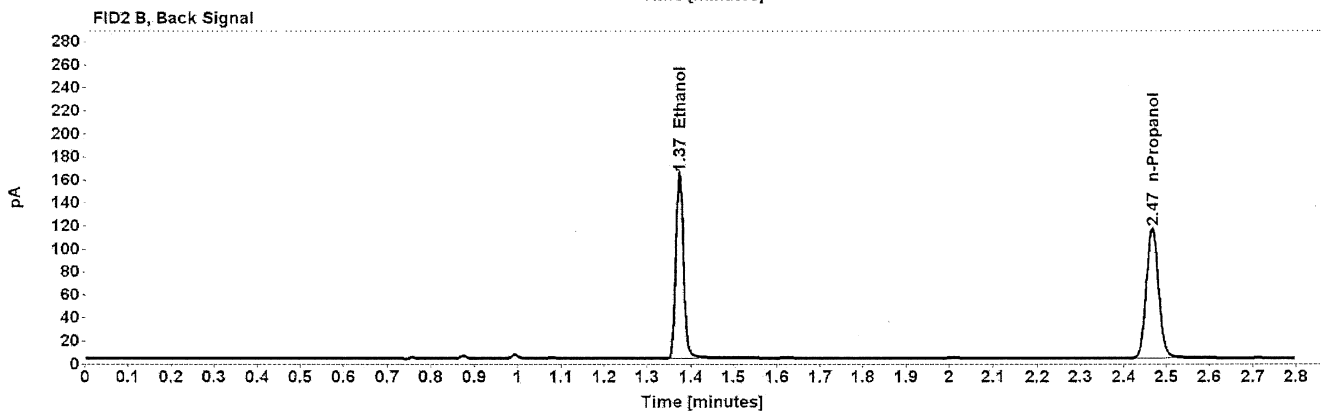
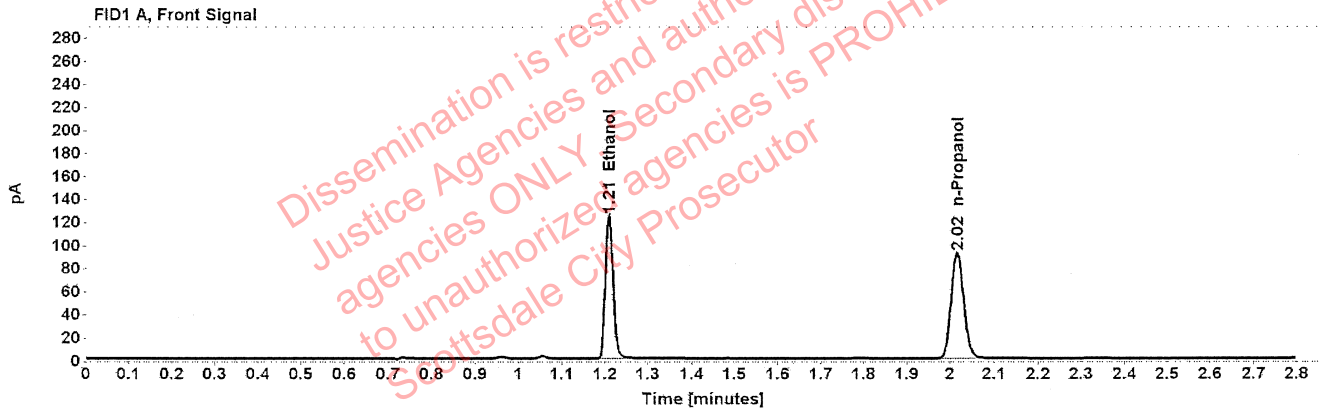


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2399	1.210	157.162
n-Propanol	-----	2.016	182.465

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

Compound	Time (min)	Peak Area
Ethanol	1.374	198.001
n-Propanol	2.466	228.534

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33701SD	Vial:	21
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 1:07:26 PM
Data file:	C:\Chem32\1\Data\14Dec21\21.D	Analyst:	Abbott

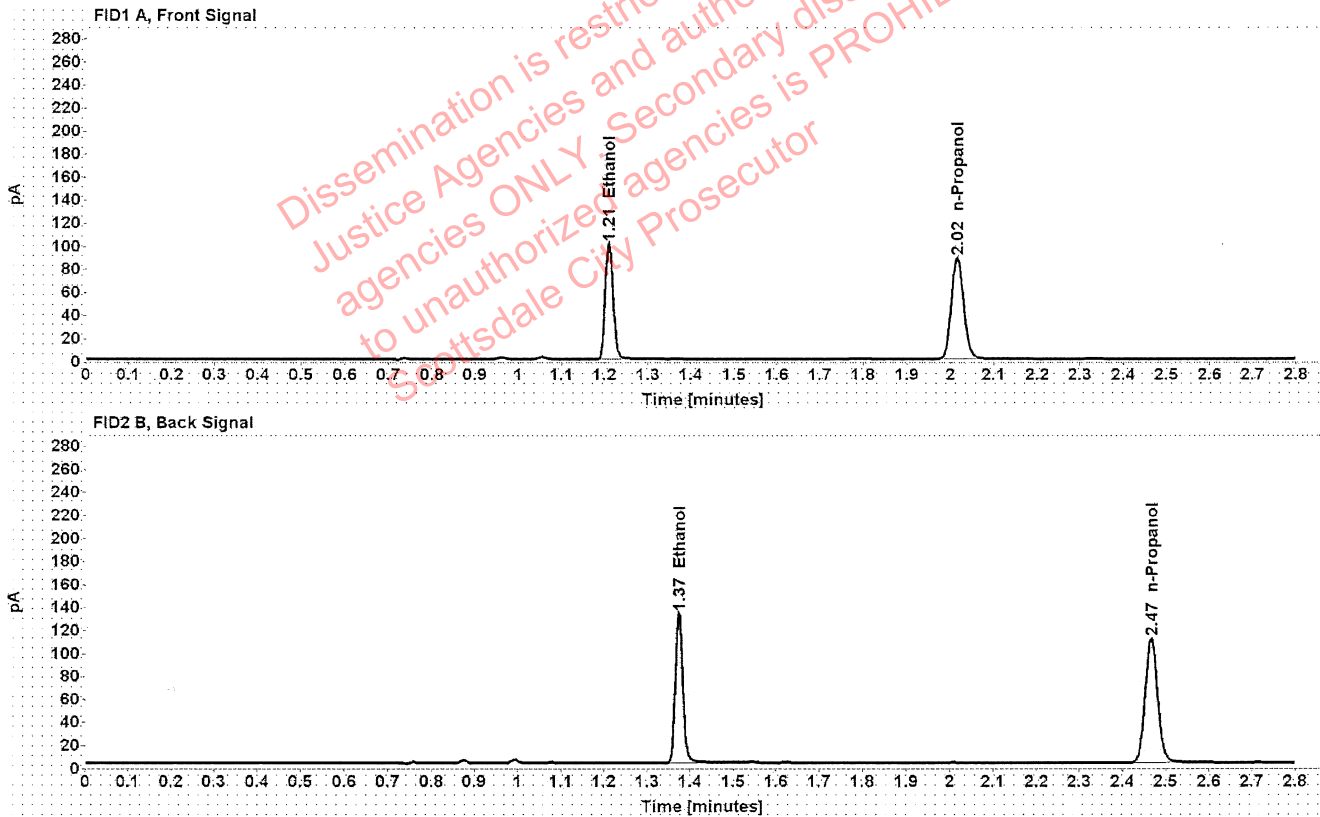


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2033	1.210	127.429
n-Propanol	-----	2.016	174.745

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

Compound	Time (min)	Peak Area
Ethanol	1.374	160.988
n-Propanol	2.466	218.846

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33701SD	Vial:	22
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 1:11:24 PM
Data file:	C:\Chem32\1\Data\14Dec21\22.D	Analyst:	Abbott

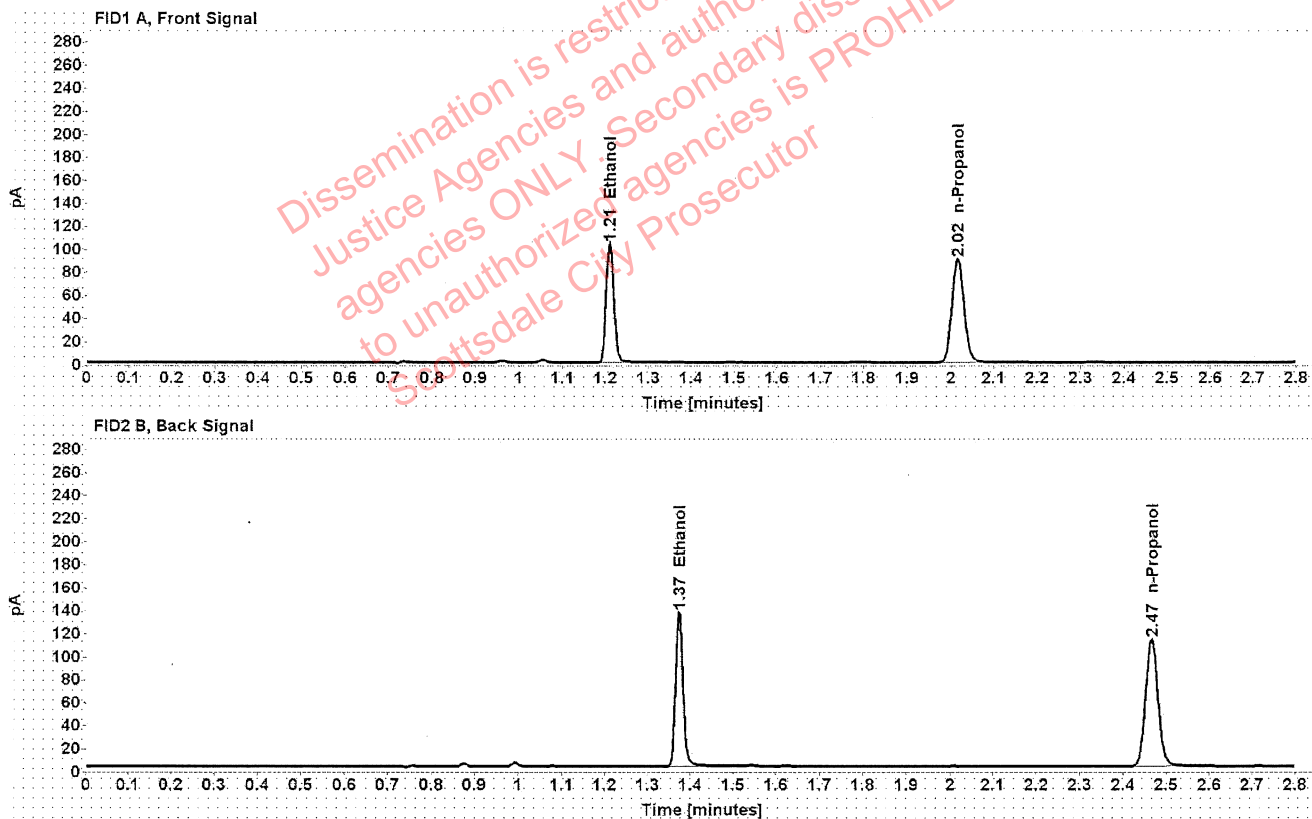


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2048	1.210	131.052
n-Propanol	-----	2.016	178.343

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

Compound	Time (min)	Peak Area
Ethanol	1.374	165.574
n-Propanol	2.466	223.477

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12001TB	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 1:15:24 PM
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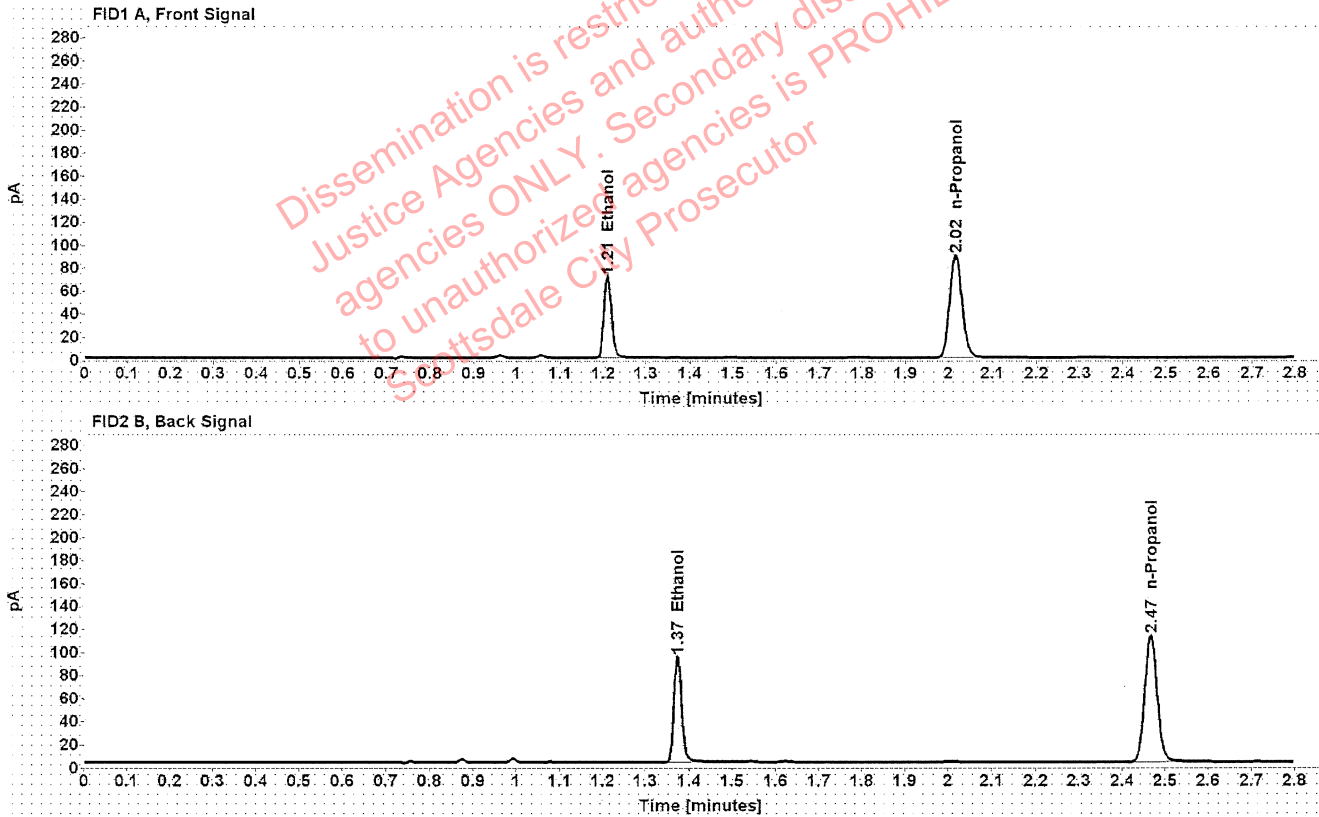


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1425	1.210	90.180
n-Propanol	-----	2.016	176.798

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

Compound	Time (min)	Peak Area
Ethanol	1.374	113.417
n-Propanol	2.466	222.242

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12001TB	Vial:	24
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 1:19:25 PM
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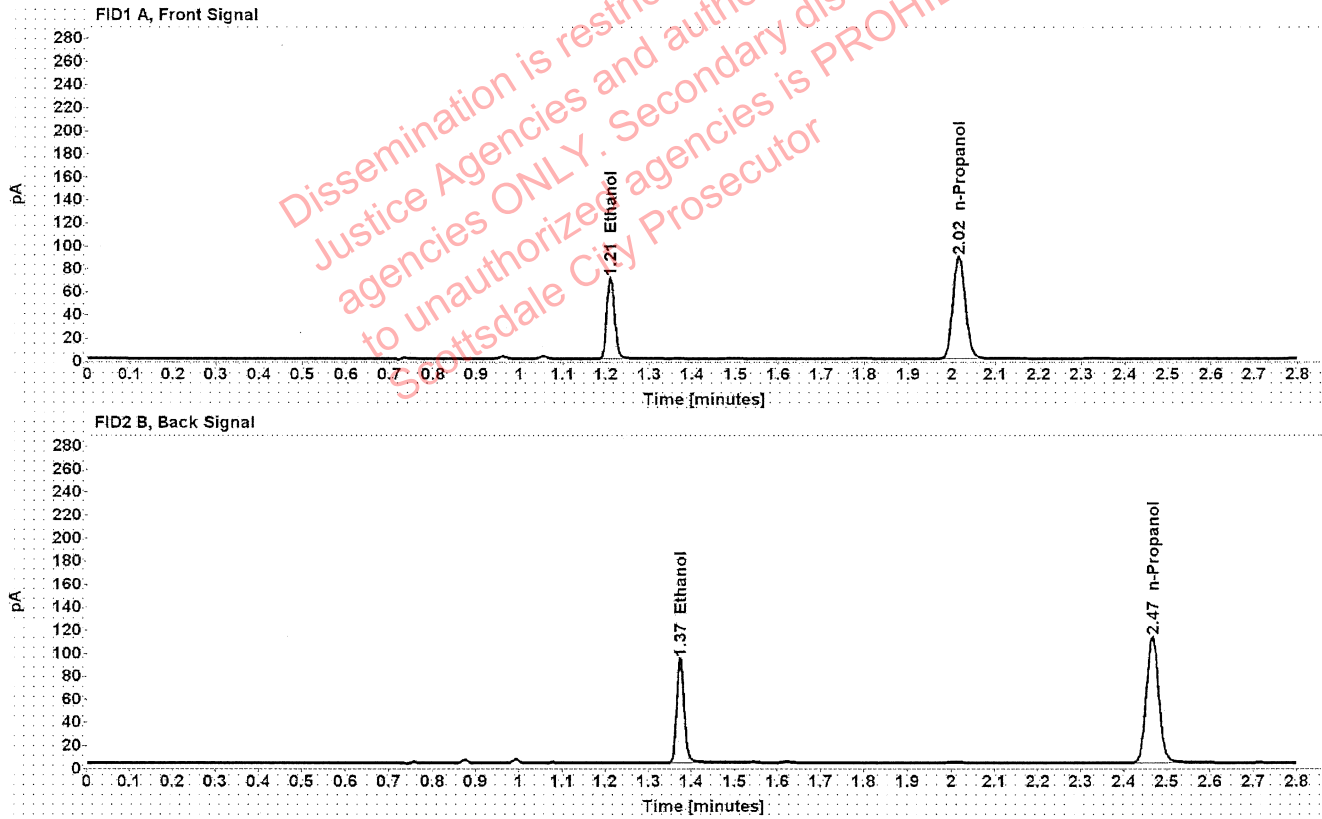


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1420	1.210	89.401
n-Propanol	-----	2.016	175.956

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

Compound	Time (min)	Peak Area
Ethanol	1.374	112.338
n-Propanol	2.466	221.234

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398952	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 1:23:39 PM
Data file:	C:\Chem32\1\Data\14Dec21\25.D	Analyst:	Abbott

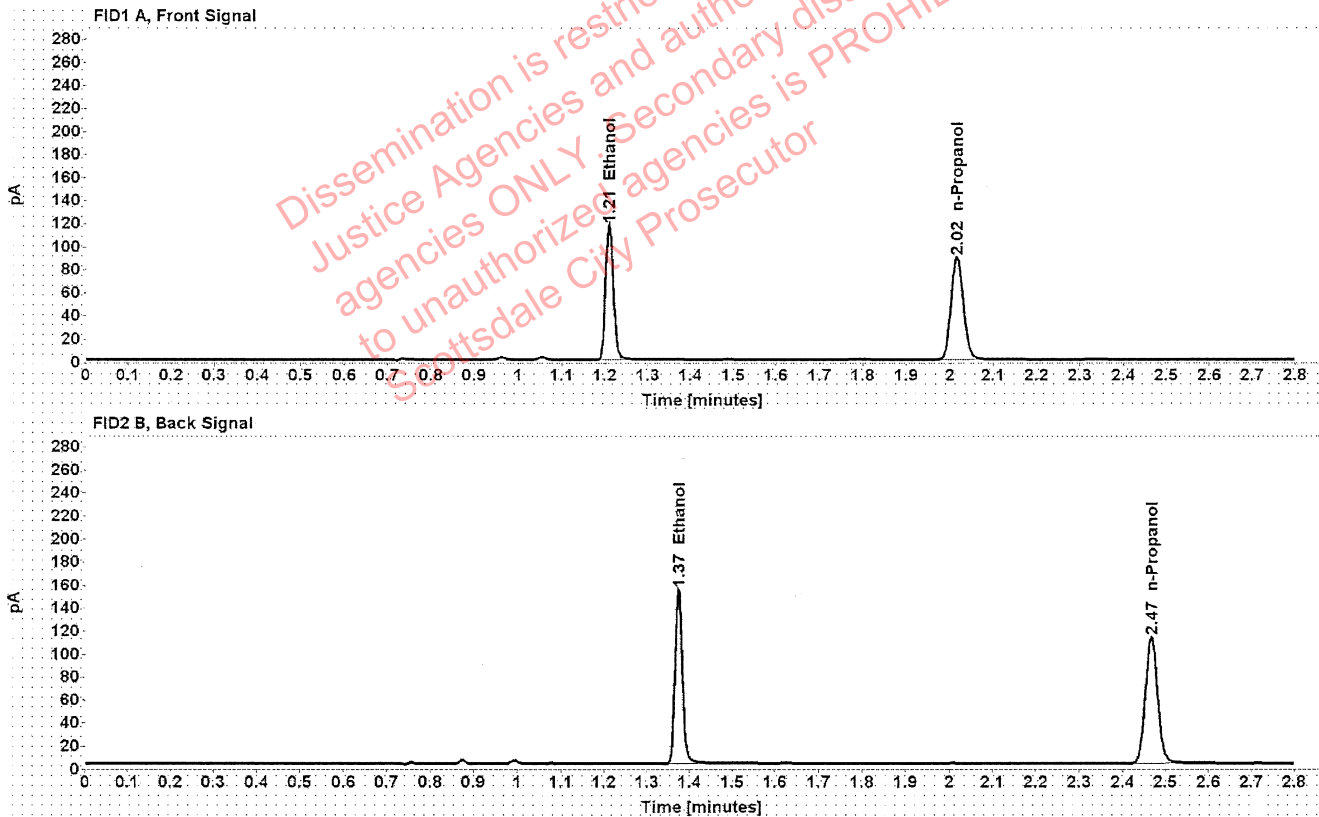


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2338	1.210	148.396
n-Propanol	-----	2.016	176.808

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

Compound	Time (min)	Peak Area
Ethanol	1.374	187.177
n-Propanol	2.467	221.154

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398952	Vial:	26
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 1:27:42 PM
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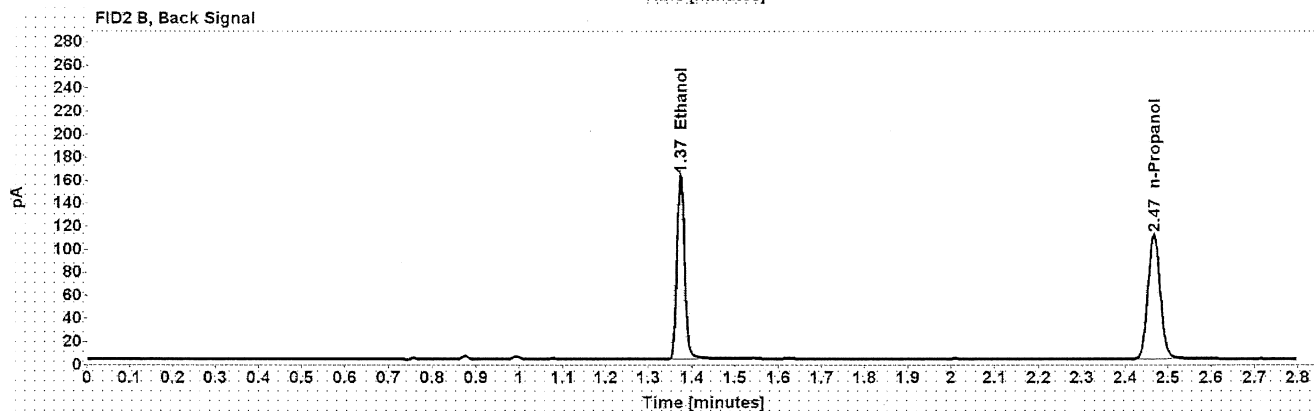
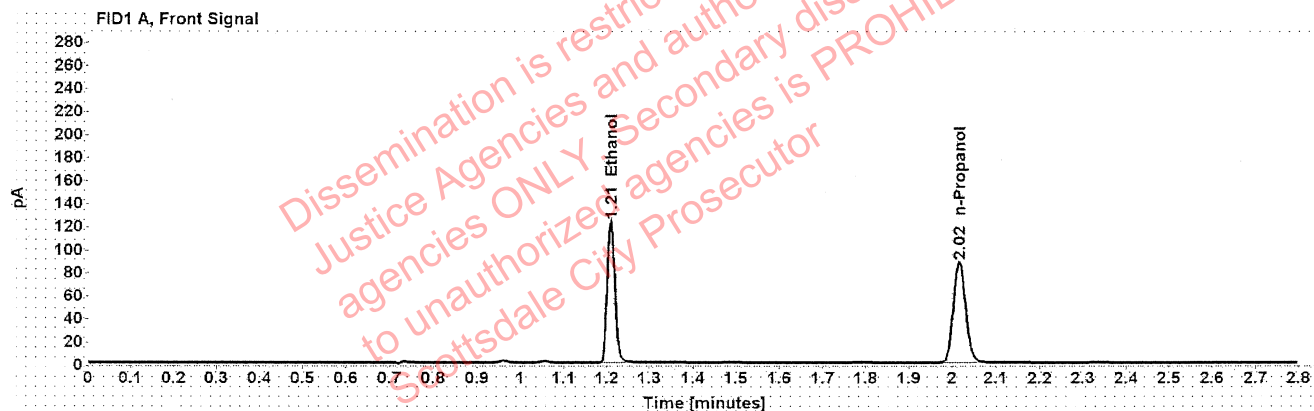


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2494	1.210	156.166
n-Propanol	-----	2.016	174.372

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

Compound	Time (min)	Peak Area
Ethanol	1.374	197.063
n-Propanol	2.467	218.194

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1399540	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 1:31:41 PM
Data file:	C:\Chem32\1\Data\14Dec21\27.D	Analyst:	Abbott

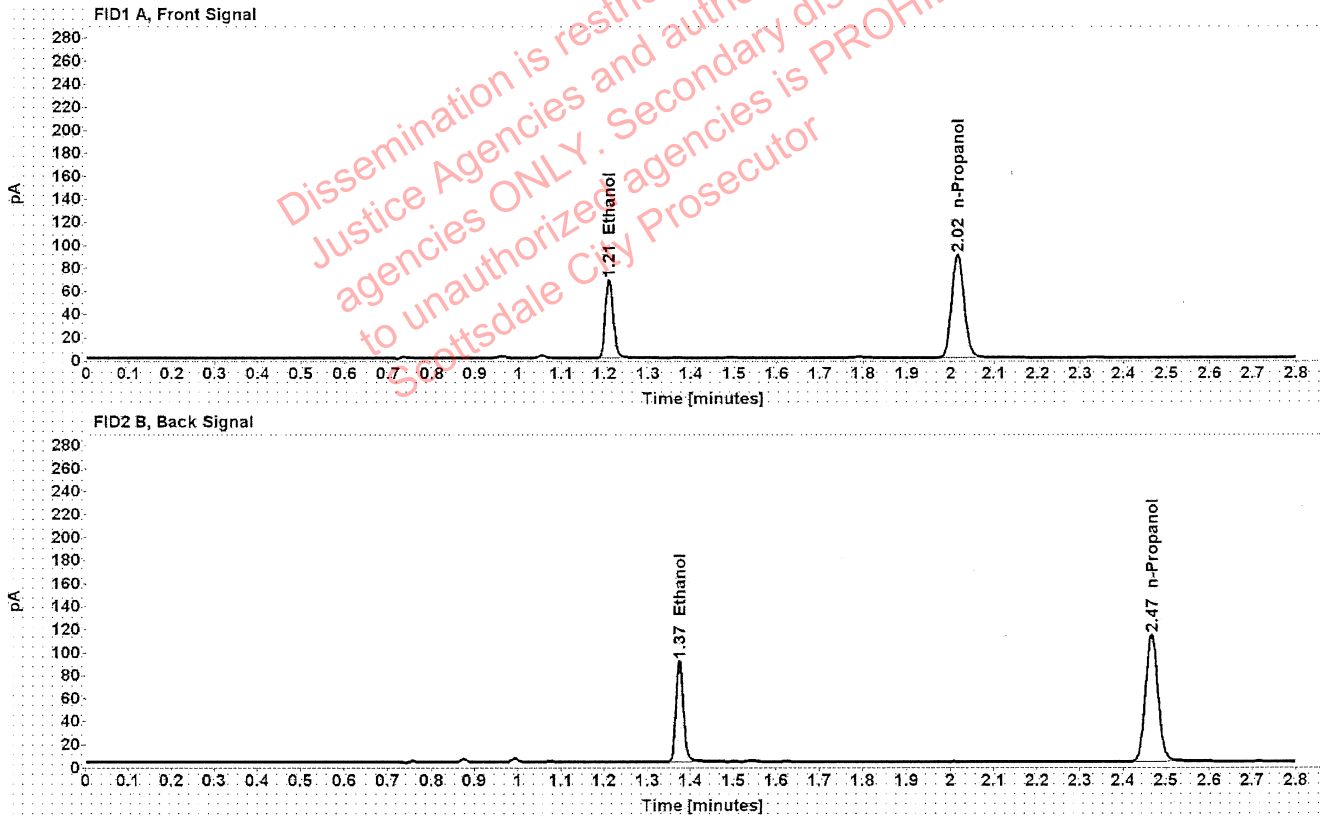


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1360	1.210	86.671
n-Propanol	-----	2.016	178.128

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

Compound	Time (min)	Peak Area
Ethanol	1.374	108.684
n-Propanol	2.467	223.369

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1399540	Vial:	28
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 1:35:41 PM
Data file:	C:\Chem32\1\Data\14Dec21\28.D	Analyst:	Abbott

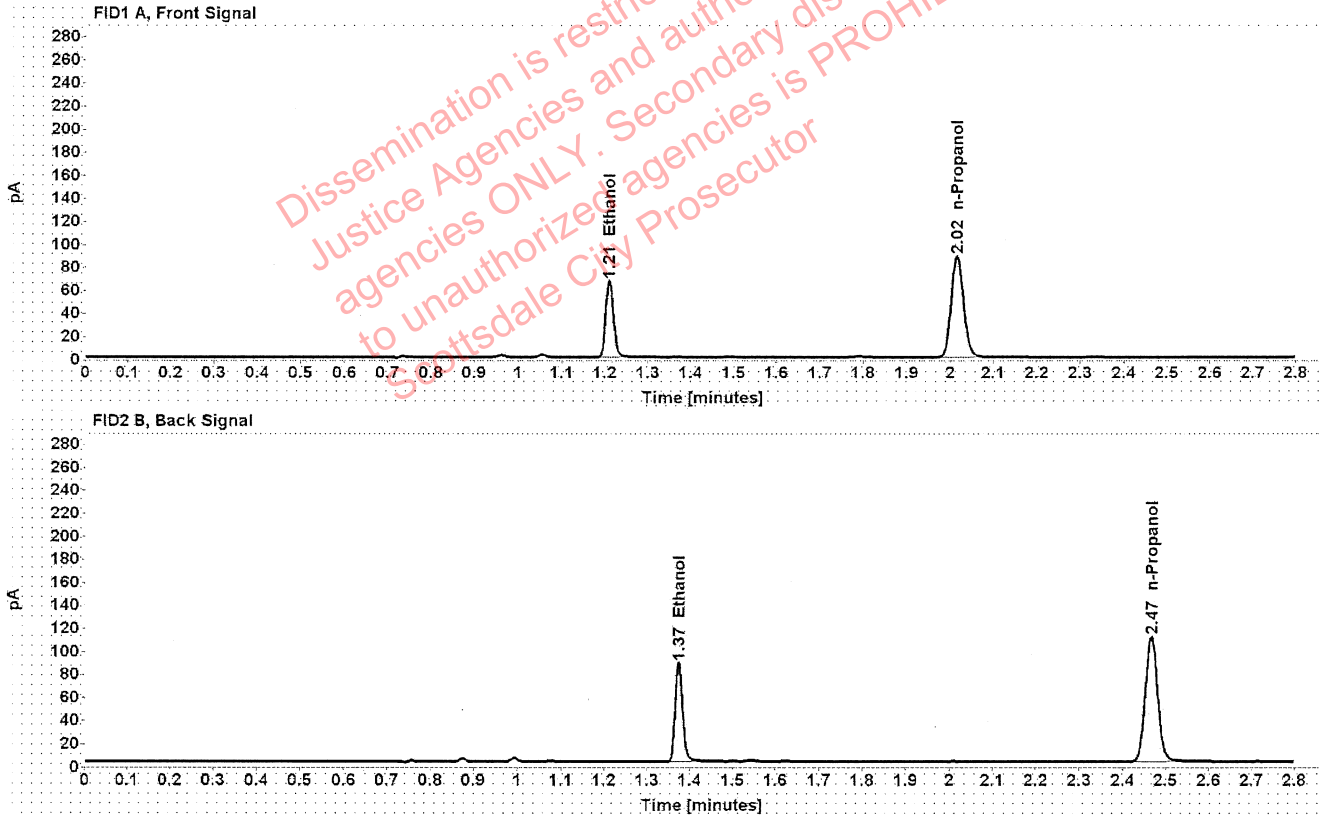


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1352	1.210	84.520
n-Propanol	-----	2.016	174.758

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

Compound	Time (min)	Peak Area
Ethanol	1.374	106.156
n-Propanol	2.467	219.310

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397519	Vial:	29
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 1:39:40 PM
Data file:	C:\Chem32\1\Data\14Dec21\29.D	Analyst:	Abbott

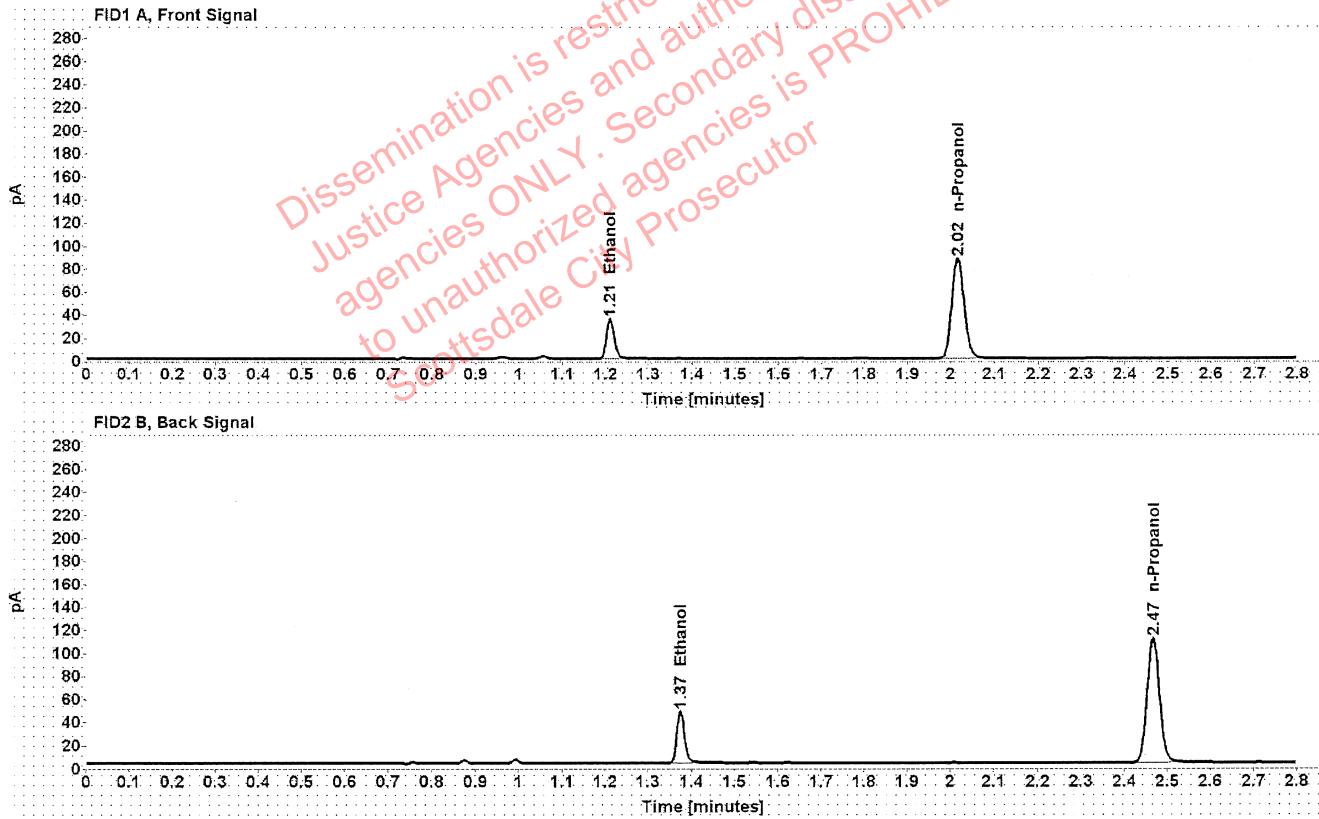


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0712	1.211	43.892
n-Propanol	-----	2.016	173.592

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

Compound	Time (min)	Peak Area
Ethanol	1.375	54.993
n-Propanol	2.467	217.673

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397519	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 1:43:40 PM
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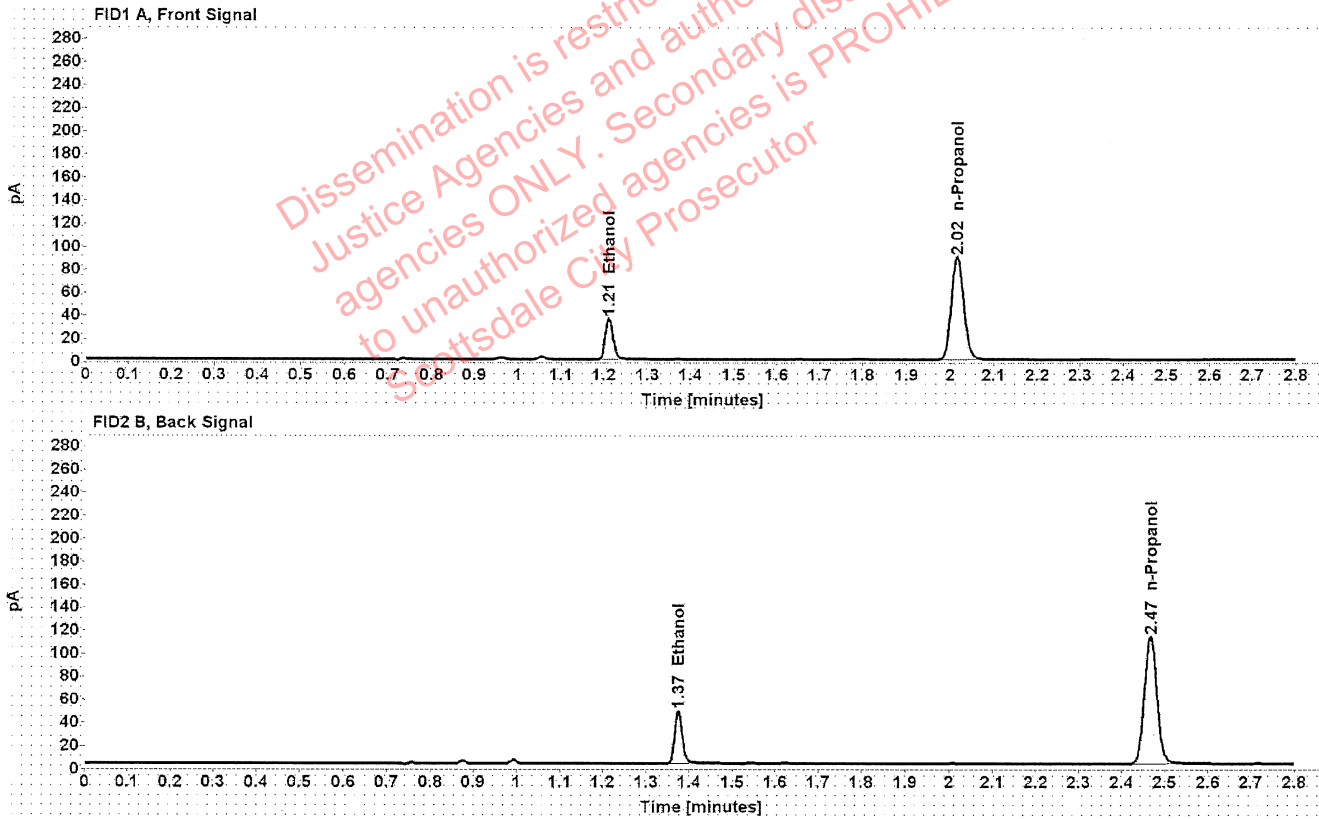


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0716	1.211	45.228
n-Propanol	-----	2.016	177.991

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

Compound	Time (min)	Peak Area
Ethanol	1.375	56.682
n-Propanol	2.467	223.361

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397388	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 1:51:54 PM
Data file:	C:\Chem32\1\Data\14Dec21\32.D	Analyst:	Abbott

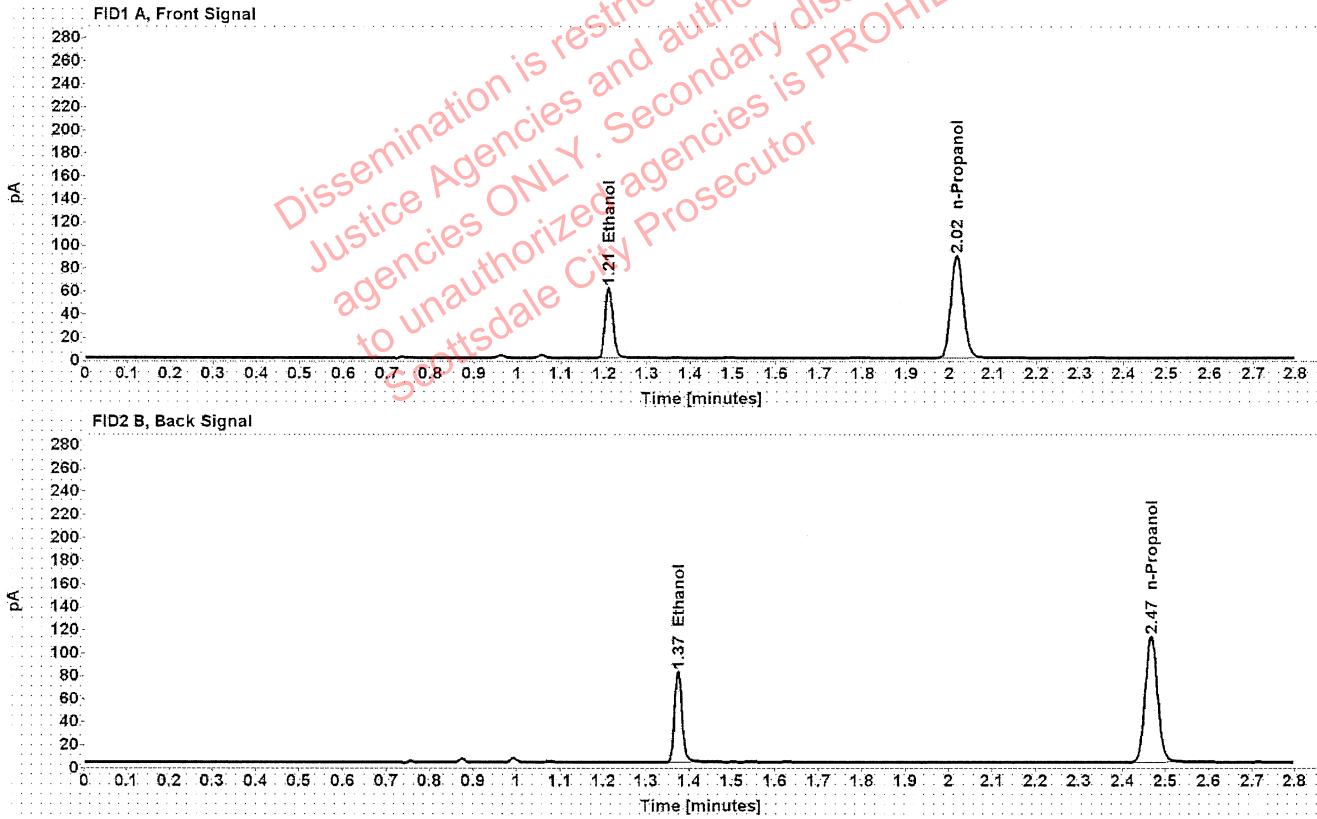


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1230	1.210	77.911
n-Propanol	-----	2.016	177.230

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

Compound	Time (min)	Peak Area
Ethanol	1.374	97.913
n-Propanol	2.467	222.188

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397388	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 1:55:54 PM
Data file:	C:\Chem32\1\Data\14Dec21\133.D	Analyst:	Abbott

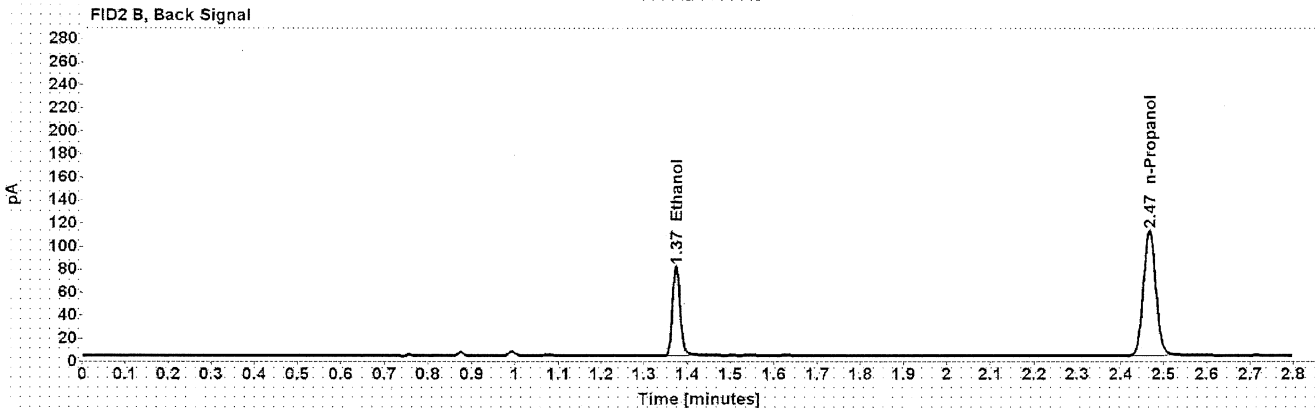
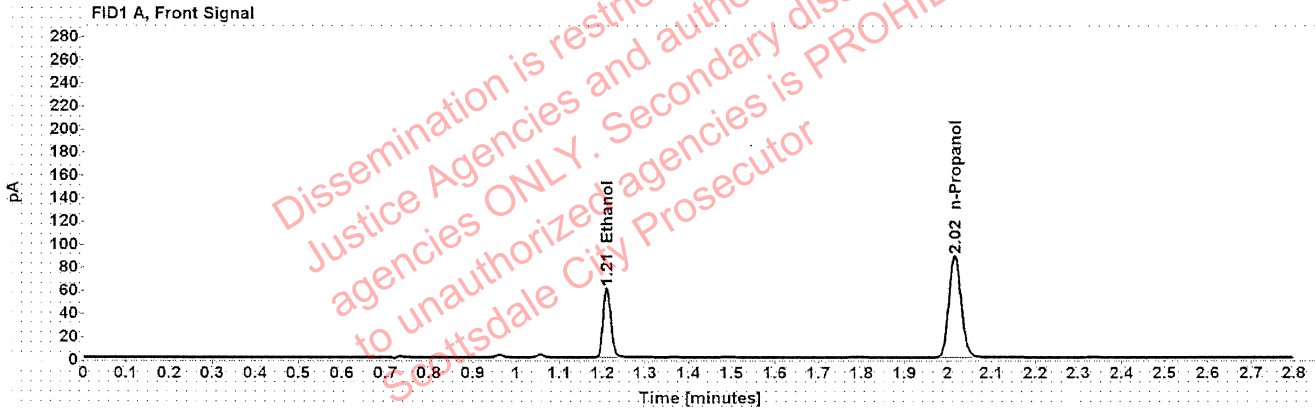


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1222	1.210	76.700
n-Propanol	-----	2.016	175.587

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

Compound	Time (min)	Peak Area
Ethanol	1.374	96.251
n-Propanol	2.467	220.053

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1399757	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 1:59:54 PM
Data file:	C:\Chem32\1\Data\14Dec21\34.D	Analyst:	Abbott

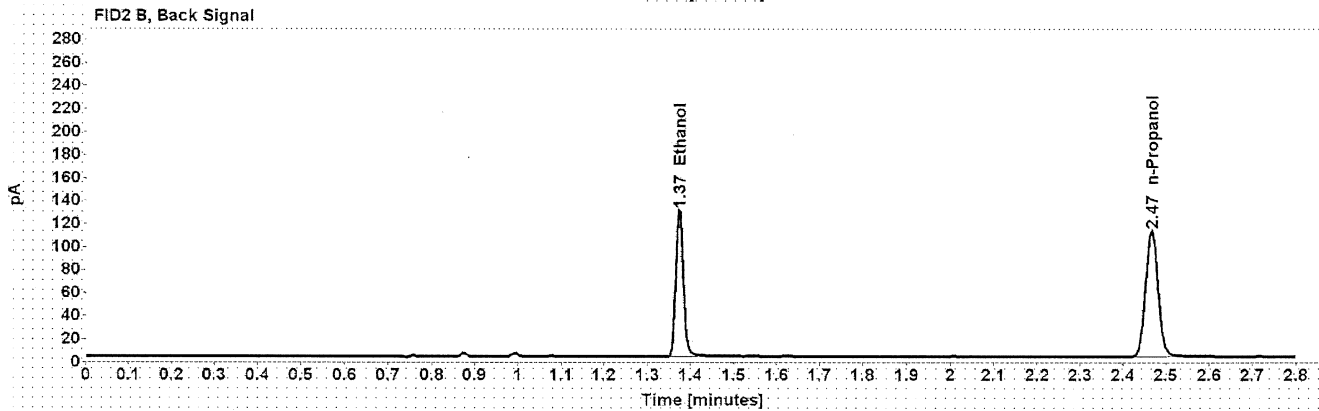
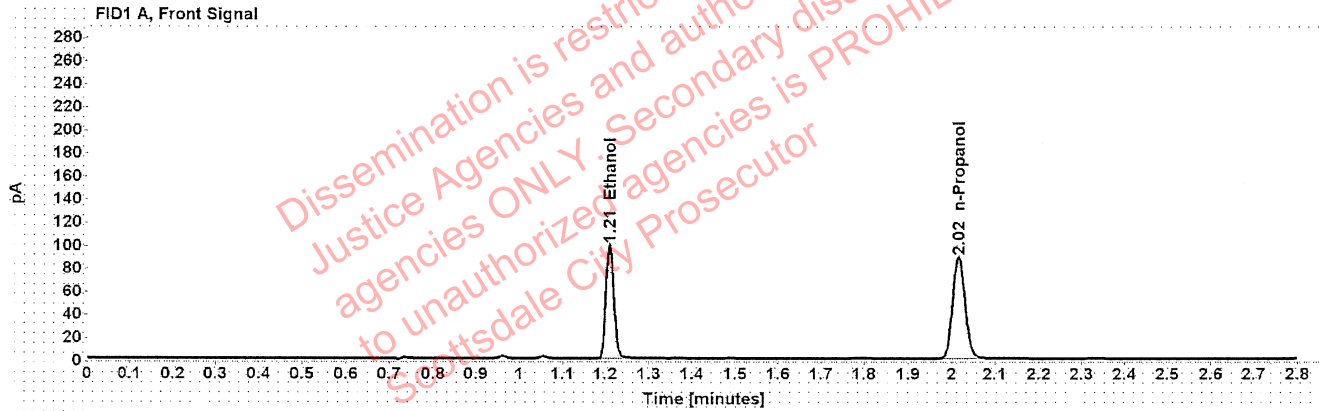


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1980	1.210	124.893
n-Propanol	-----	2.016	175.834

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.914
n-Propanol	2.467	220.231

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1399757	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 2:03:54 PM
Data file:	C:\Chem32\1\Data\14Dec21\35.D	Analyst:	Abbott

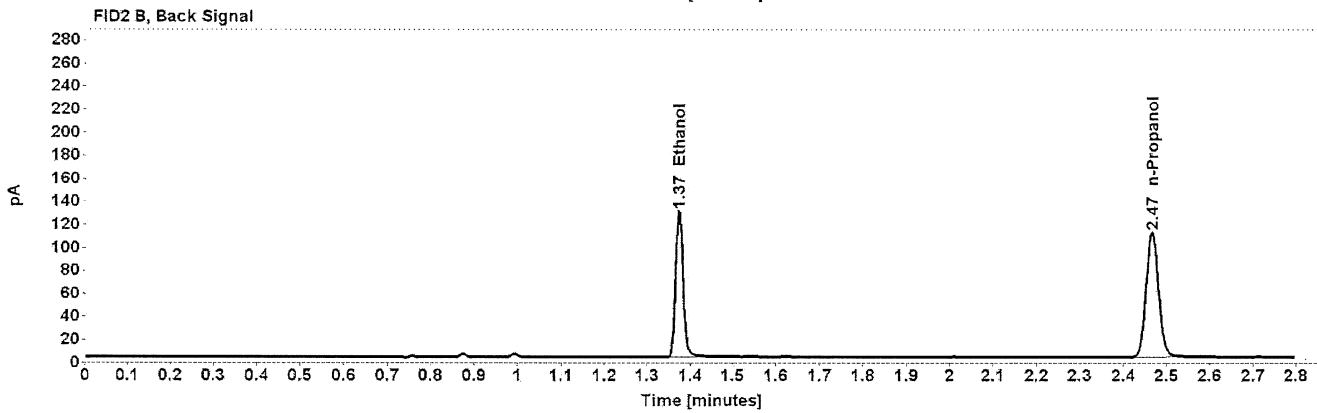
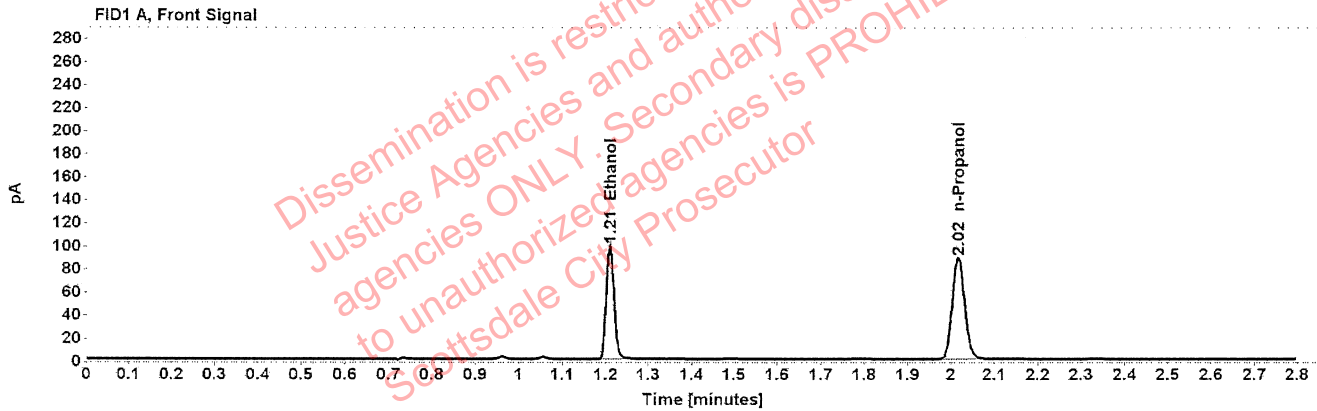


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1979	1.210	124.444
n-Propanol	-----	2.016	175.292

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.301
n-Propanol	2.467	219.685

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1399964	Vial:	36
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 2:07:54 PM
Data file:	C:\Chem32\1\Data\14Dec21\36.D	Analyst:	Abbott

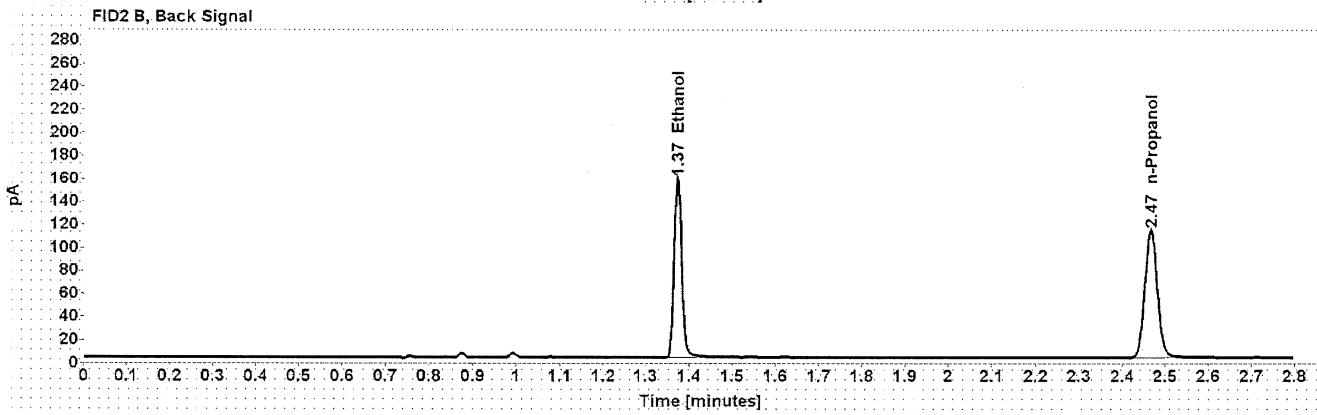
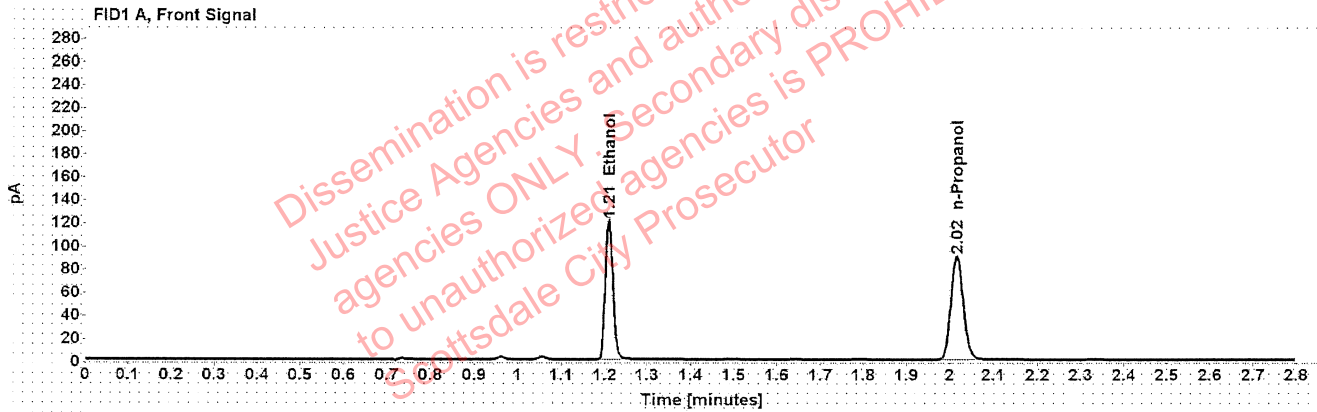


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2377	1.210	152.298
n-Propanol	-----	2.016	178.446

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

Compound	Time (min)	Peak Area
Ethanol	1.374	192.669
n-Propanol	2.467	223.454

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1399964	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 2:12:10 PM
Data file:	C:\Chem32\1\Data\14Dec21\37.D	Analyst:	Abbott

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 Scottsdale City Prosecutor

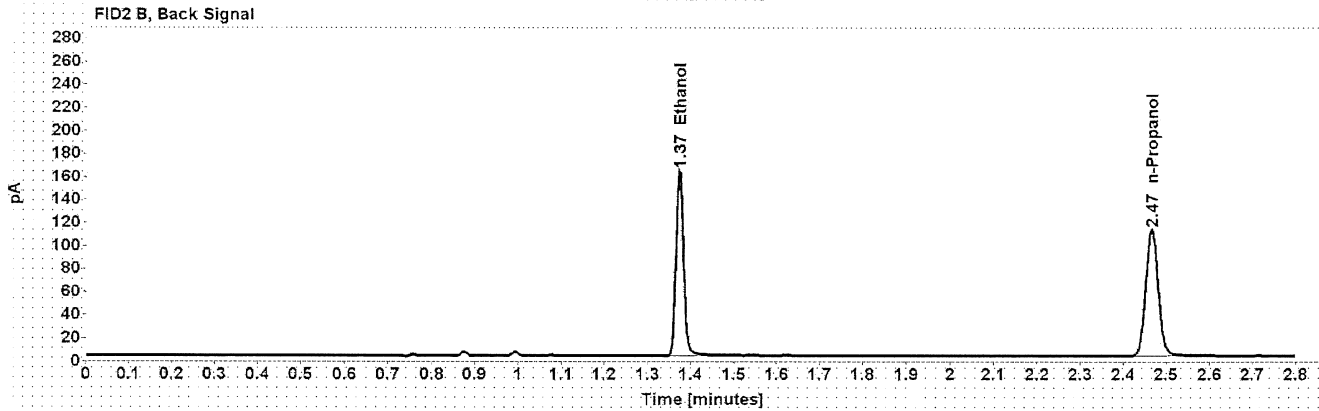
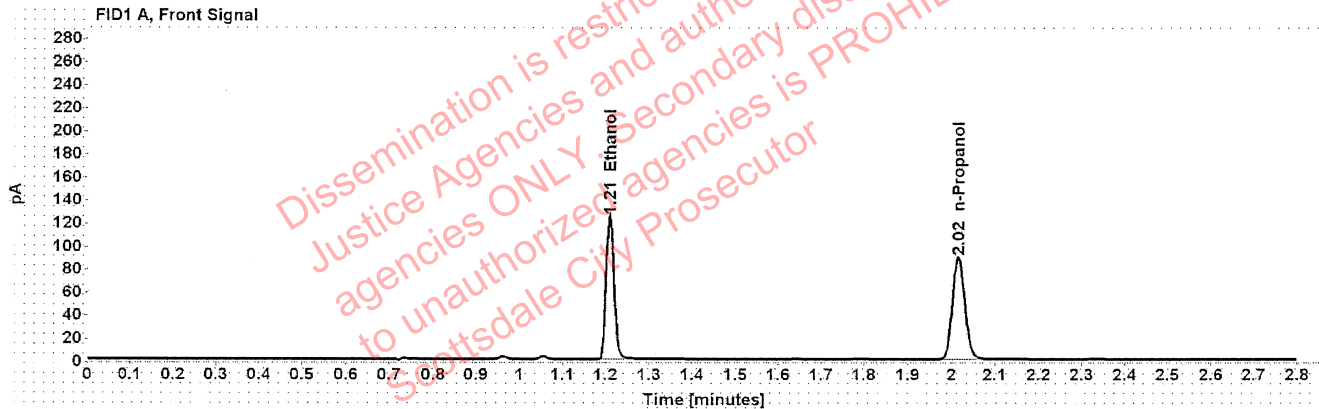


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2482	1.210	157.530
n-Propanol	-----	2.016	176.727

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

Compound	Time (min)	Peak Area
Ethanol	1.374	198.983
n-Propanol	2.467	221.368

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1399859	Vial:	38
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 2:16:12 PM
Data file:	C:\Chem32\1\Data\14Dec21\38.D	Analyst:	Abbott

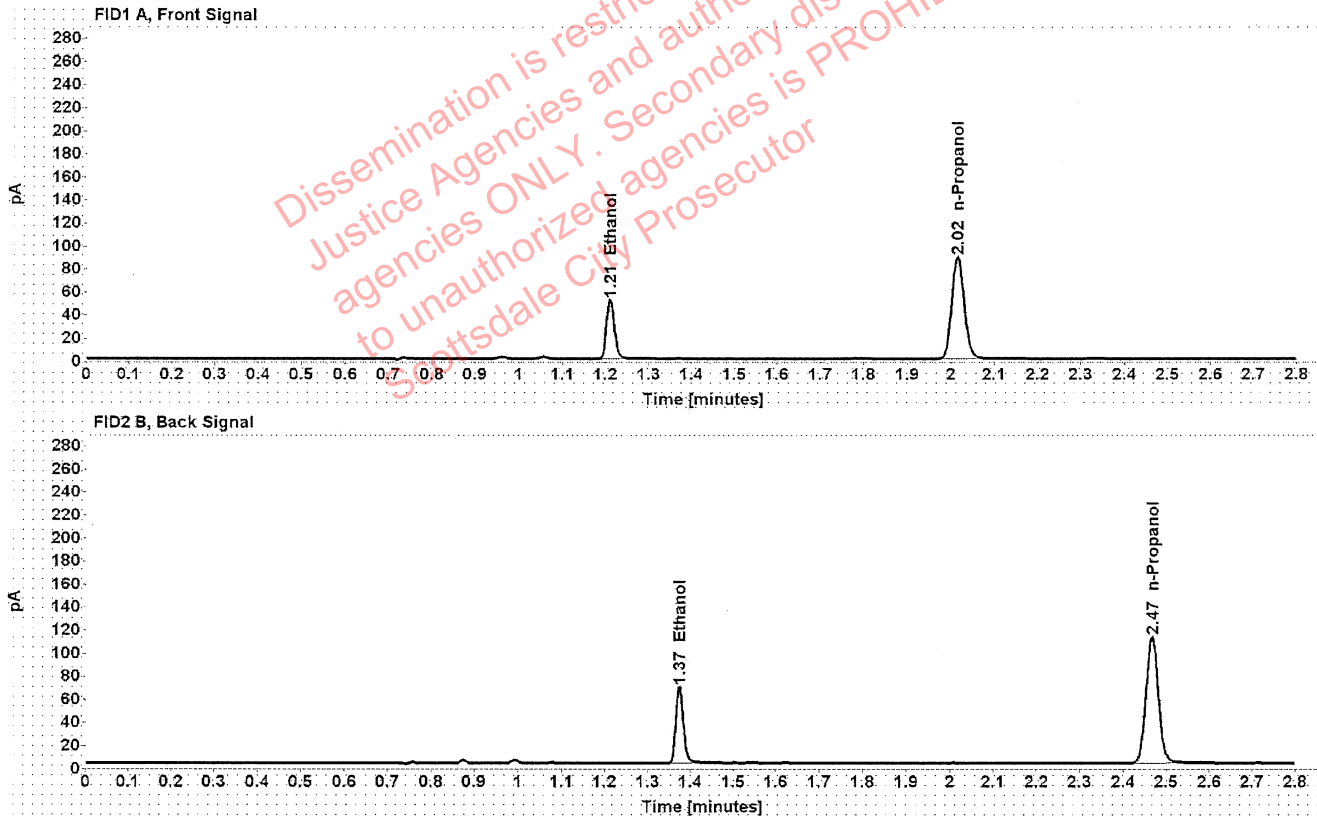


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1040	1.211	65.438
n-Propanol	-----	2.016	176.296

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

Compound	Time (min)	Peak Area
Ethanol	1.374	81.983
n-Propanol	2.467	221.066

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1399859	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 2:20:11 PM
Data file:	C:\Chem32\1\Data\14Dec21\139.D	Analyst:	Abbott

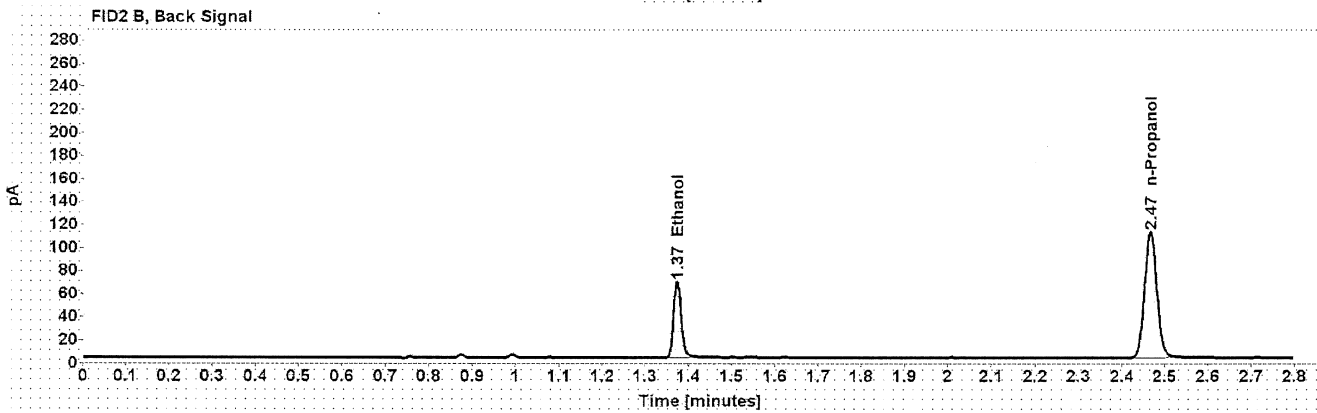
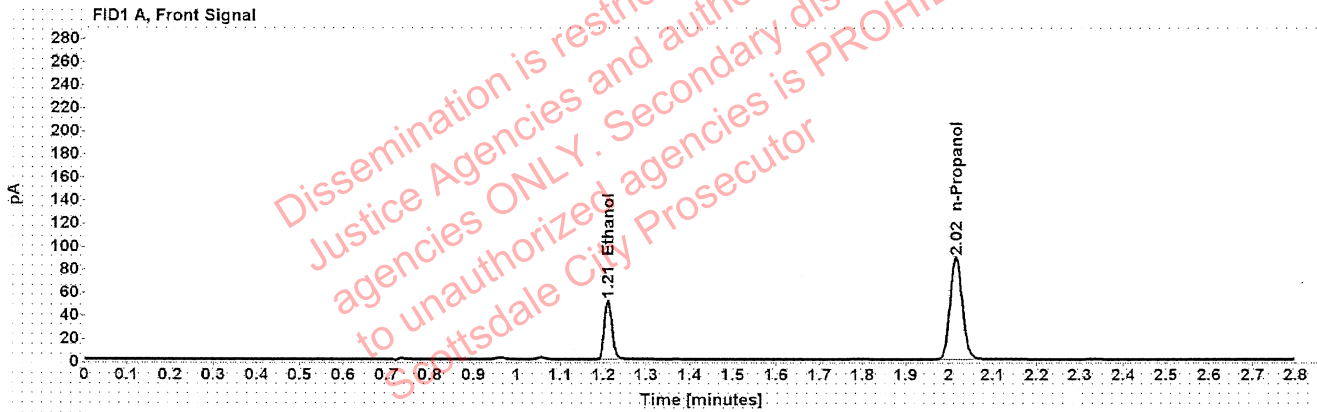


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1037	1.211	65.197
n-Propanol	-----	2.016	176.322

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

Compound	Time (min)	Peak Area
Ethanol	1.374	81.723
n-Propanol	2.466	221.137

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1399728	Vial:	40
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 2:24:09 PM
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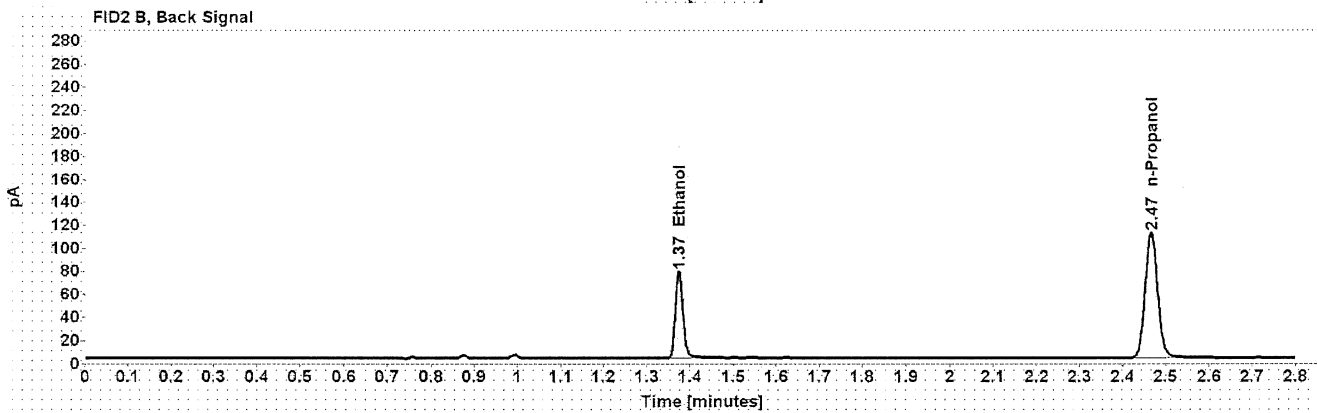
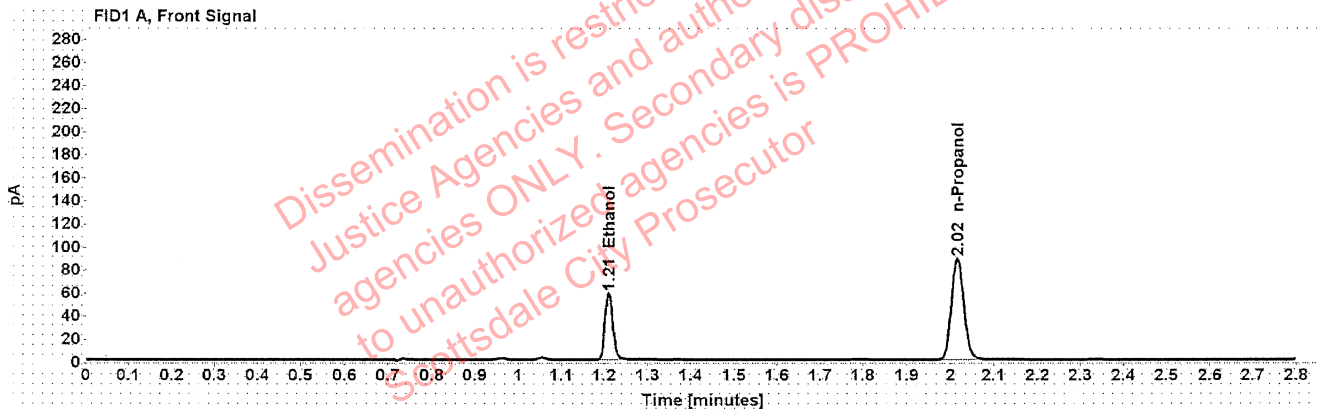


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1180	1.210	74.045
n-Propanol	-----	2.016	175.729

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

Compound	Time (min)	Peak Area
Ethanol	1.374	92.826
n-Propanol	2.466	220.094

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1399728	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 2:28:09 PM
Data file:	C:\Chem32\1\Data\14Dec21\41.D	Analyst:	Abbott

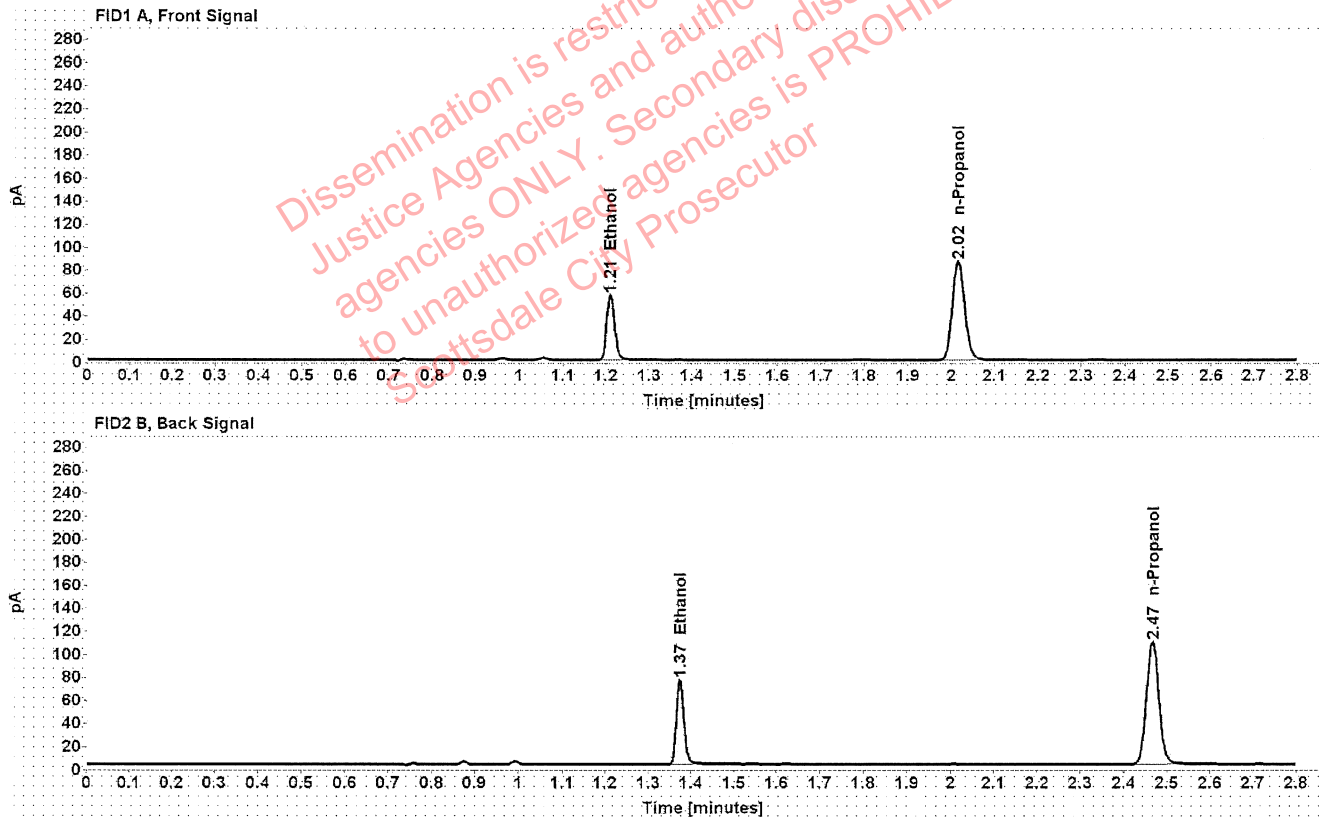


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1181	1.210	72.310
n-Propanol	-----	2.016	171.449

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

Compound	Time (min)	Peak Area
Ethanol	1.374	90.542
n-Propanol	2.466	214.993

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1399633	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 2:36:24 PM
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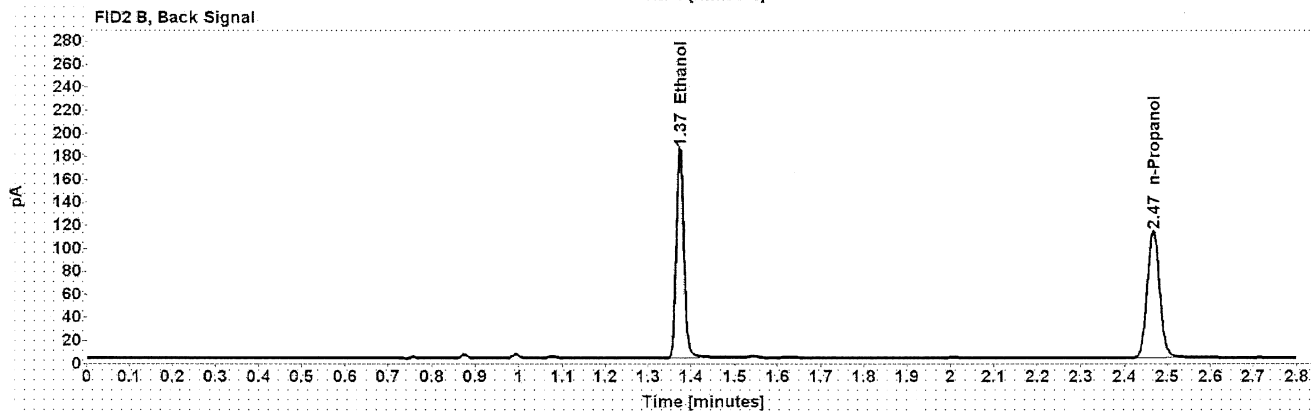
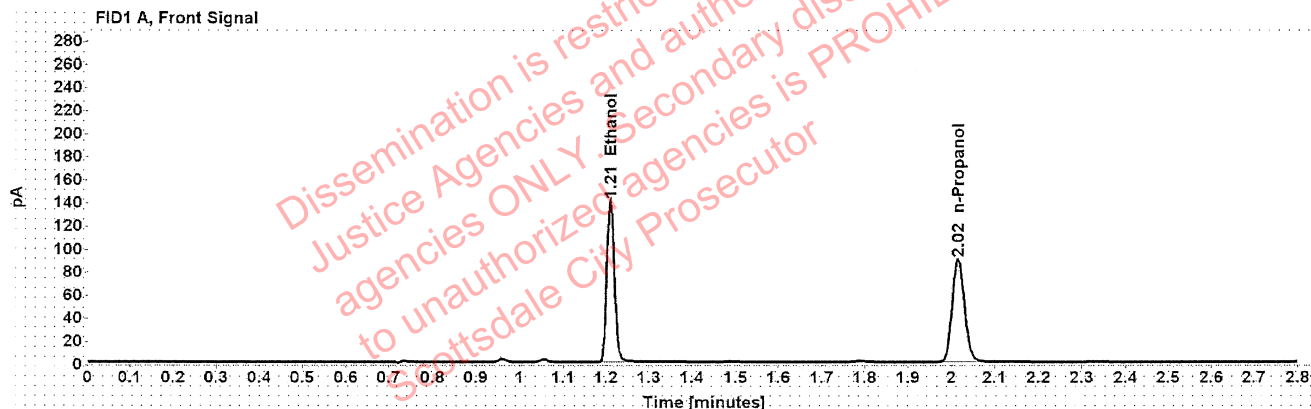


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2788	1.210	177.528
n-Propanol	-----	2.016	177.234

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

Compound	Time (min)	Peak Area
Ethanol	1.374	224.286
n-Propanol	2.467	221.777

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1399633	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 2:40:24 PM
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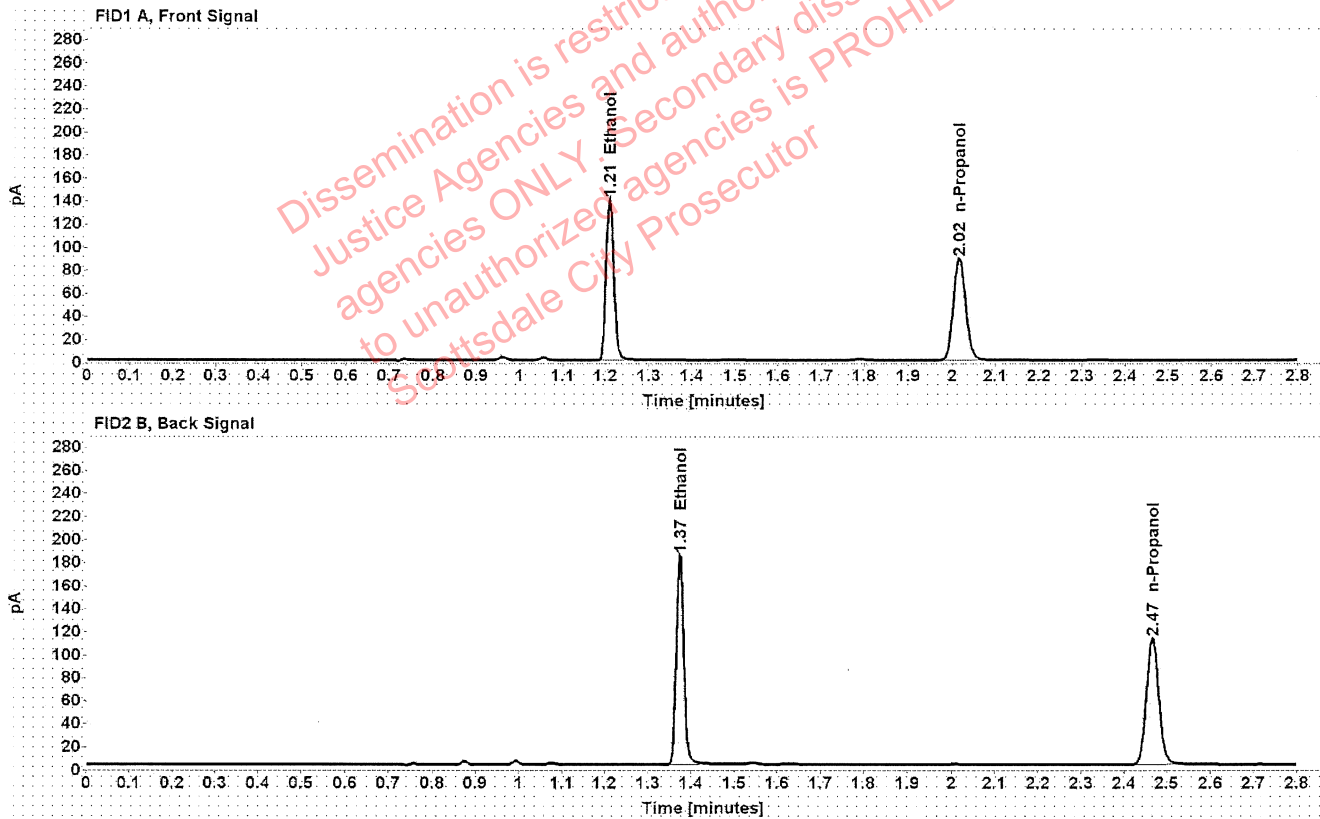


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2795	1.210	177.553
n-Propanol	-----	2.016	176.792

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

Compound	Time (min)	Peak Area
Ethanol	1.374	224.229
n-Propanol	2.467	221.184

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397895	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 2:44:24 PM
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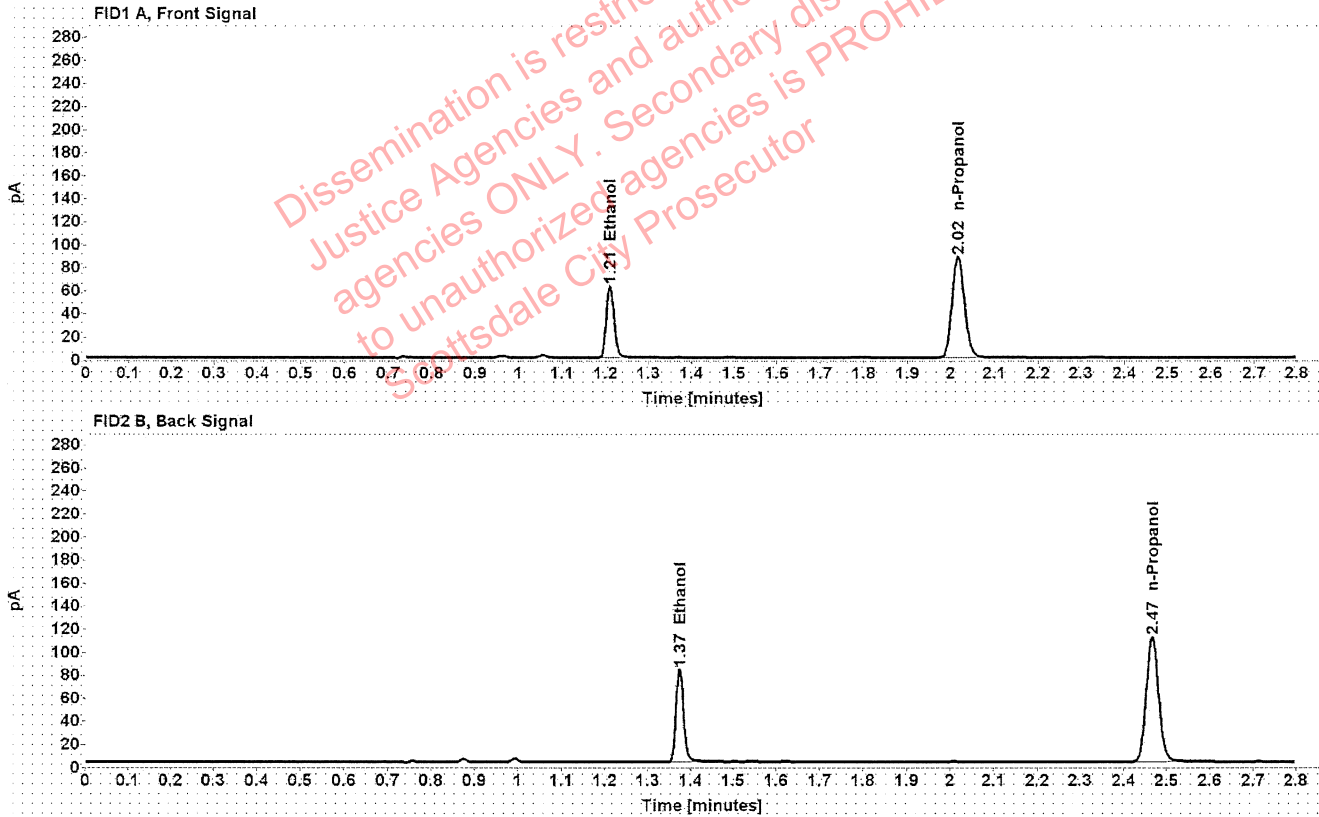


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1273	1.210	79.342
n-Propanol	-----	2.016	174.381

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

Compound	Time (min)	Peak Area
Ethanol	1.374	99.666
n-Propanol	2.467	218.754

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397895	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 2:48:24 PM
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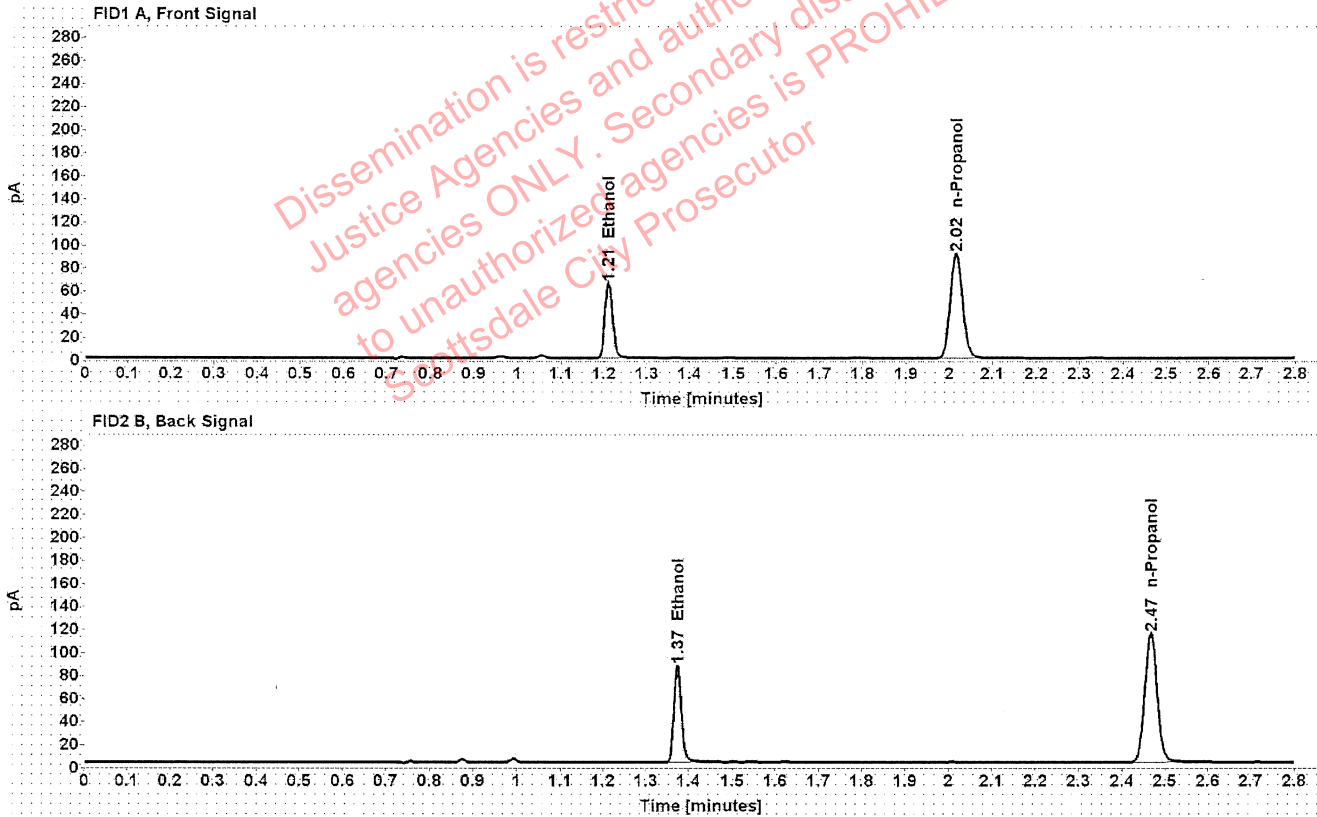


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1286	1.210	83.000
n-Propanol	-----	2.016	180.527

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

Compound	Time (min)	Peak Area
Ethanol	1.374	104.144
n-Propanol	2.467	226.397

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1400364	Vial:	47
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 2:52:24 PM
Data file:	C:\Chem32\1\Data\14Dec21\47.D	Analyst:	Abbott

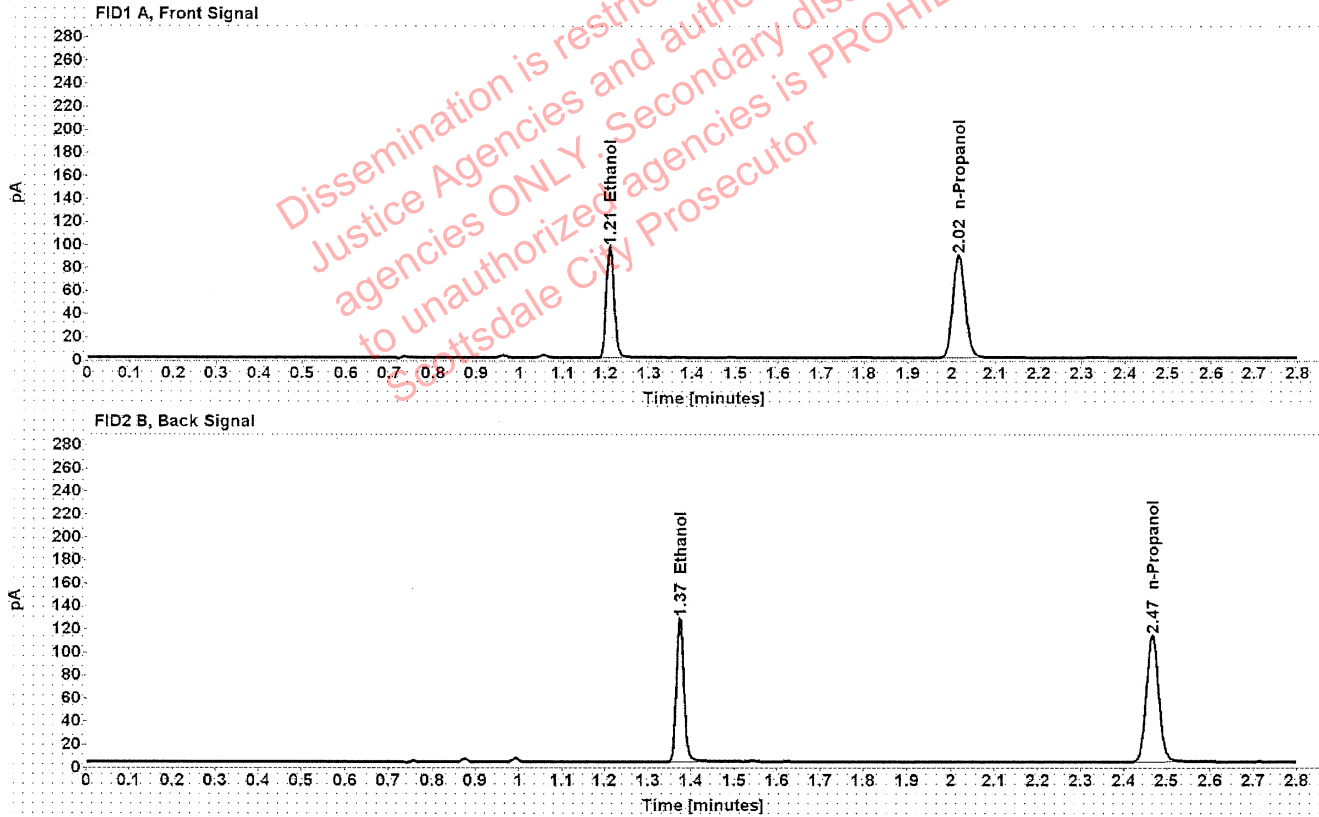


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1916	1.210	121.950
n-Propanol	-----	2.016	177.532

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

Compound	Time (min)	Peak Area
Ethanol	1.374	154.150
n-Propanol	2.467	222.386

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1400364	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 2:56:24 PM
Data file:	C:\Chem32\1\Data\14Dec21\48.D	Analyst:	Abbott

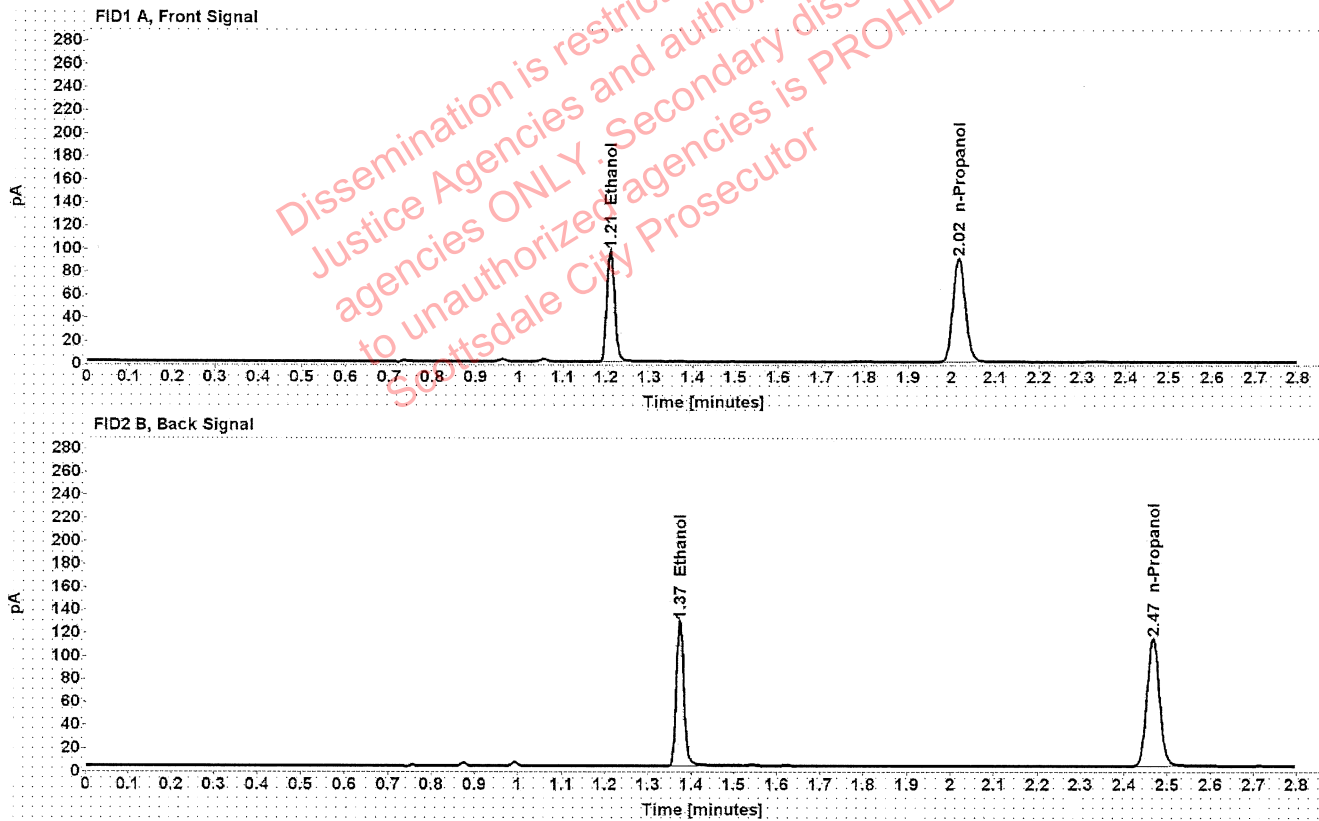


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1915	1.210	123.003
n-Propanol	-----	2.016	179.115

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

Compound	Time (min)	Peak Area
Ethanol	1.374	155.445
n-Propanol	2.467	224.408

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1400515	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 3:00:40 PM
Data file:	C:\Chem32\1\Data\14Dec21\49.D	Analyst:	Abbott

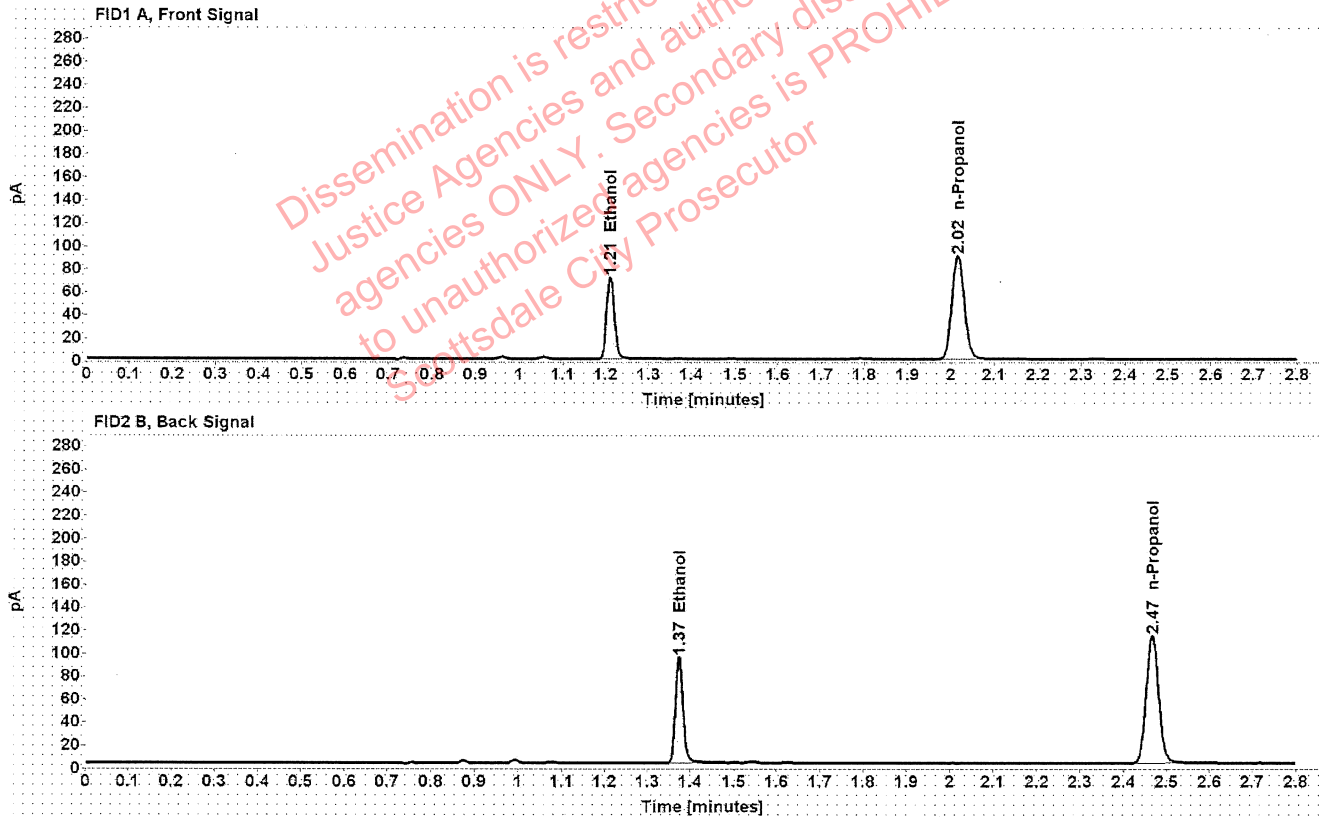


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1418	1.210	90.953
n-Propanol	-----	2.016	179.324

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

Compound	Time (min)	Peak Area
Ethanol	1.374	114.459
n-Propanol	2.467	224.097

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1400515	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 3:04:39 PM
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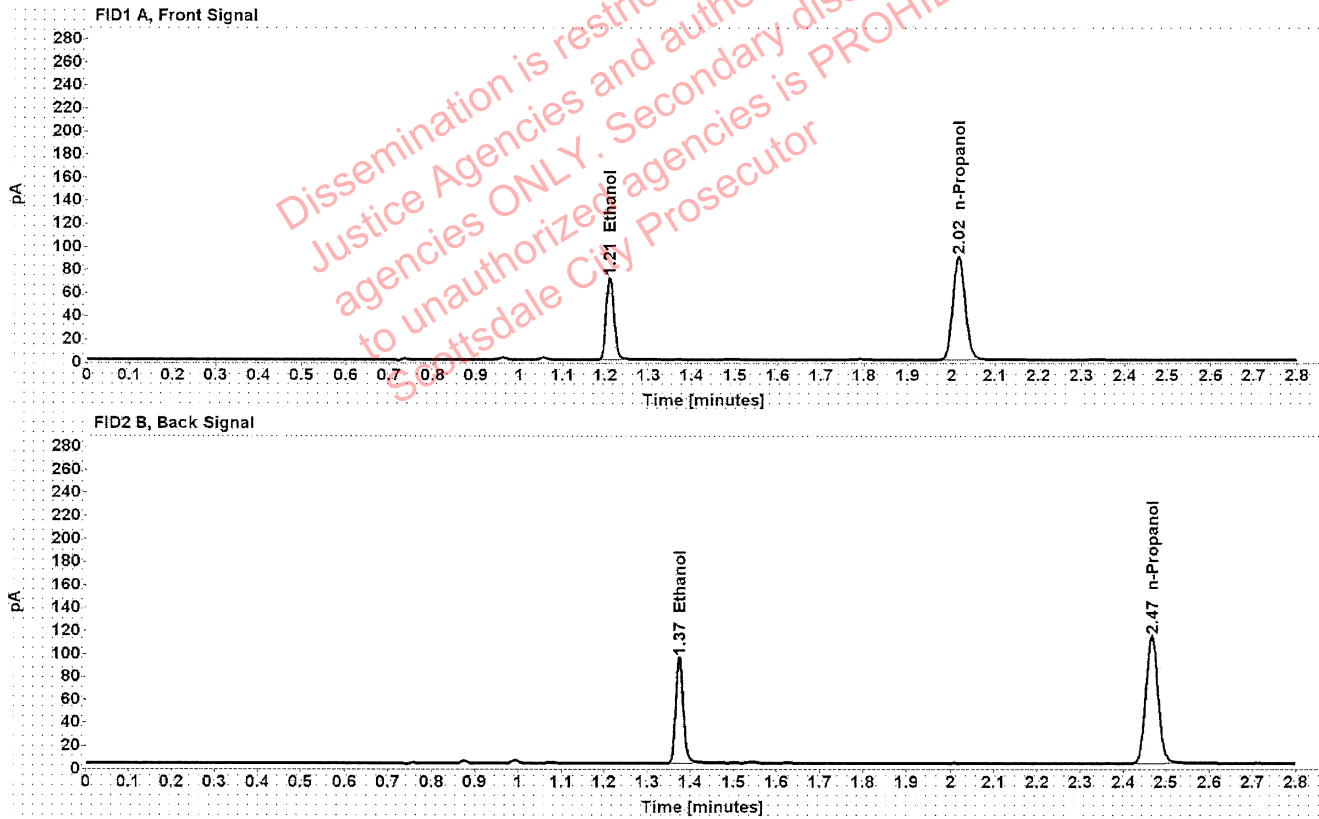


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1423	1.210	90.789
n-Propanol	-----	2.016	178.352

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

Compound	Time (min)	Peak Area
Ethanol	1.374	114.339
n-Propanol	2.467	222.918

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1338431	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 3:08:41 PM
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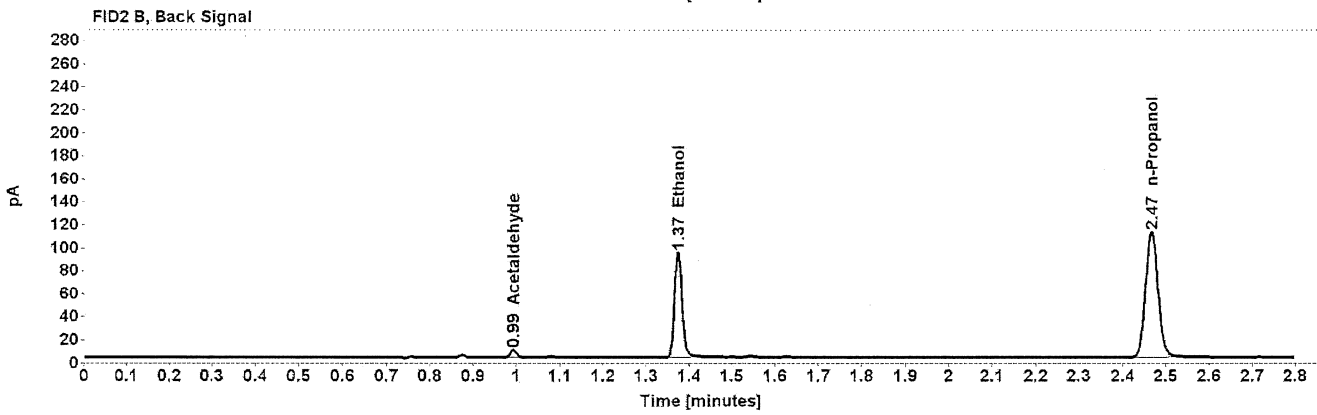
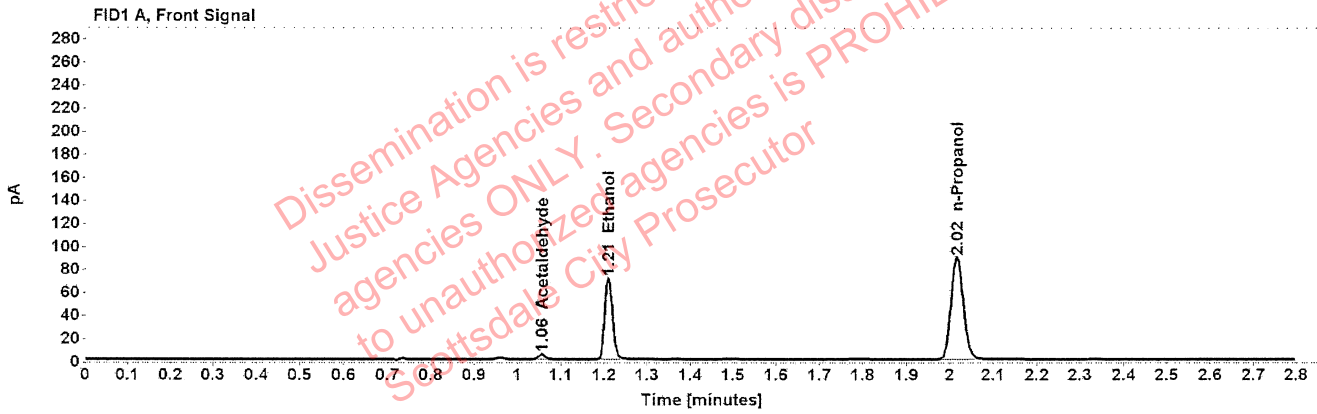


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.719
>Ethanol	0.1425	1.210	90.067
n-Propanol	-----	2.016	176.699

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.216
Ethanol	1.374	113.183
n-Propanol	2.467	221.698

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1338431	Vial:	52
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Dec21
Instrument:	US14173023 CN14160045	Injection date:	12/14/2021 3:12:40 PM
Data file:	C:\Chem32\1\Data\14Dec21\52.D	Analyst:	Abbott

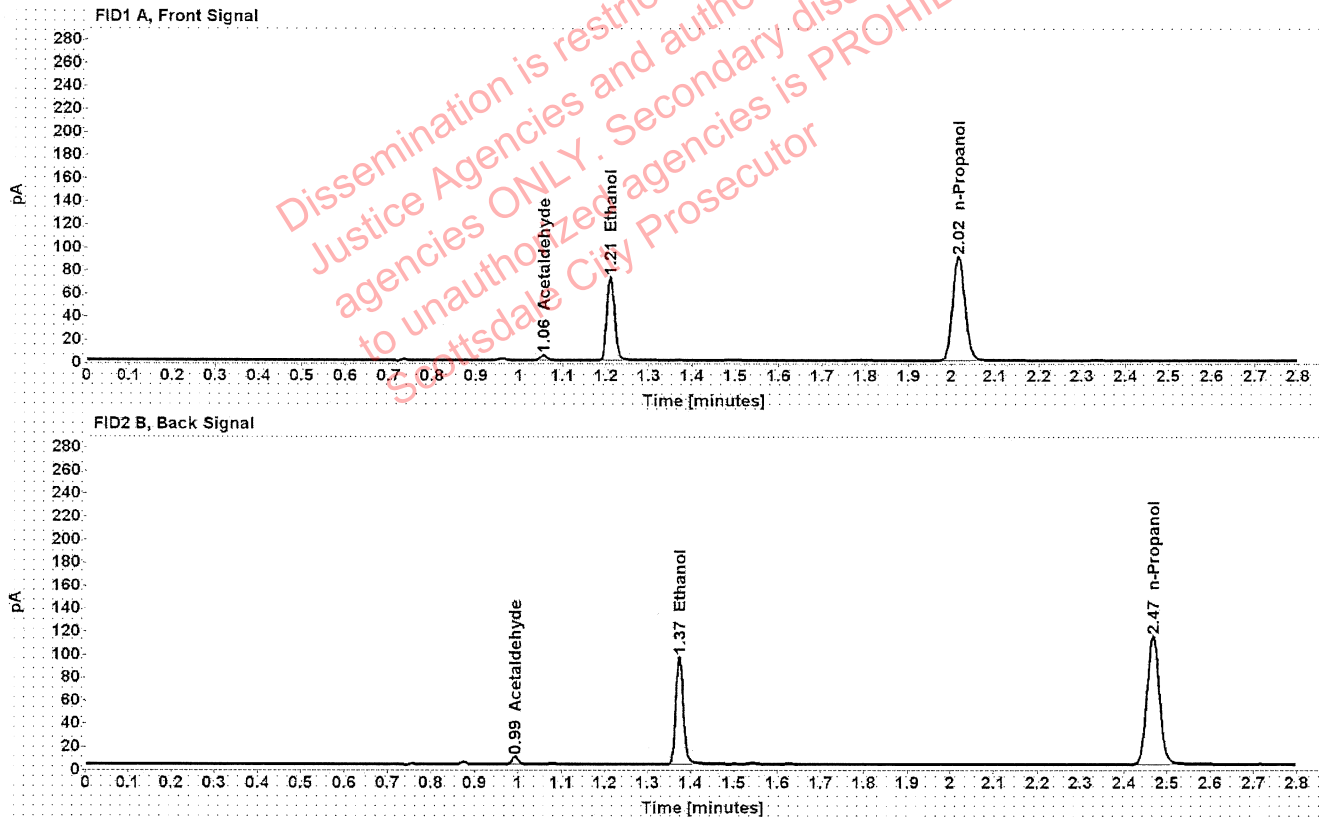


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.800
>Ethanol	0.1432	1.210	92.212
n-Propanol	-----	2.016	179.921

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.327
Ethanol	1.374	115.837
n-Propanol	2.467	225.822