

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 10/19/2021 SEQUENCE NAME 19Oct21

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 1.00000
 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	0.402 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	0.203 g/dL	ACQ 4110320133/2
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
38	Aqueous control	0.400 g/dL	0.405 g/dL	Lipomed 11092018-A
39	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
40	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/2
41	Blank	Not detected	Not detected	SPD lab 111020WB

SUBJECT SAMPLES

Subjects in the sequence 13 Subjects requiring reanalysis 0

ADDITIONAL NOTES: The blood control was entered as 0.200g/dL during the run and was hand corrected to 0.199g/dL on the computer generated data.

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

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

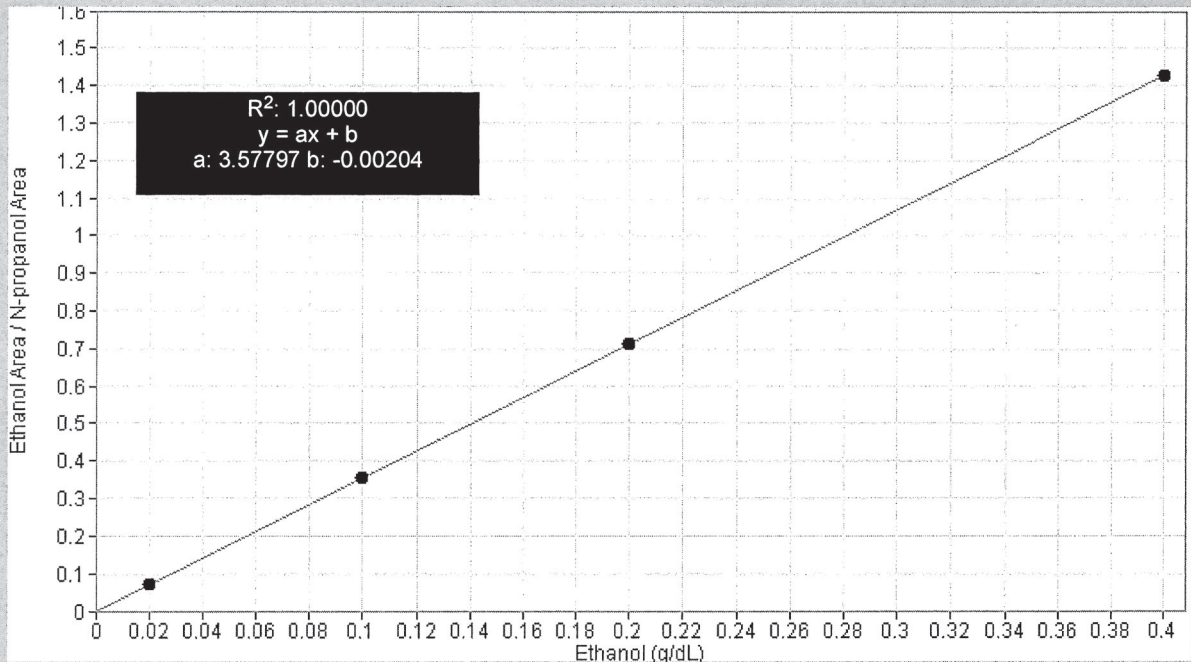
SEQUENCE NAME: 19Oct21

ANALYST: Canonico *EC*

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	0.402	0.400	0.50	0.002
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.200 4110320133/2	9	0.203	0.200	-1.50	0.003
0.080 20012020-B	20	0.080	0.080	0.00	0.000
0.080 20012020-B	31	0.080	0.080	0.00	0.000
0.400 11092018-A	38	0.405	0.400	1.25	0.005
0.040 14082019-B	39	0.041	0.040	2.50	0.001
0.200 4110320133/2	40	0.203	0.200	-1.50	0.003
blank 111020WB	41	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.613	166.414	0.070
0.100	59.621	167.825	0.355
0.200	120.233	168.443	0.714
0.400	241.791	169.187	1.429

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN06141806	Vial:	1
Description:	0.020 calibrator	Sequence:	19Oct21
Method:	ethanol quant.M	Injection date:	10/19/2021 1:14:33 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico ee
Data file:	C:\Chem32\1\Data\19Oct21\1.D		

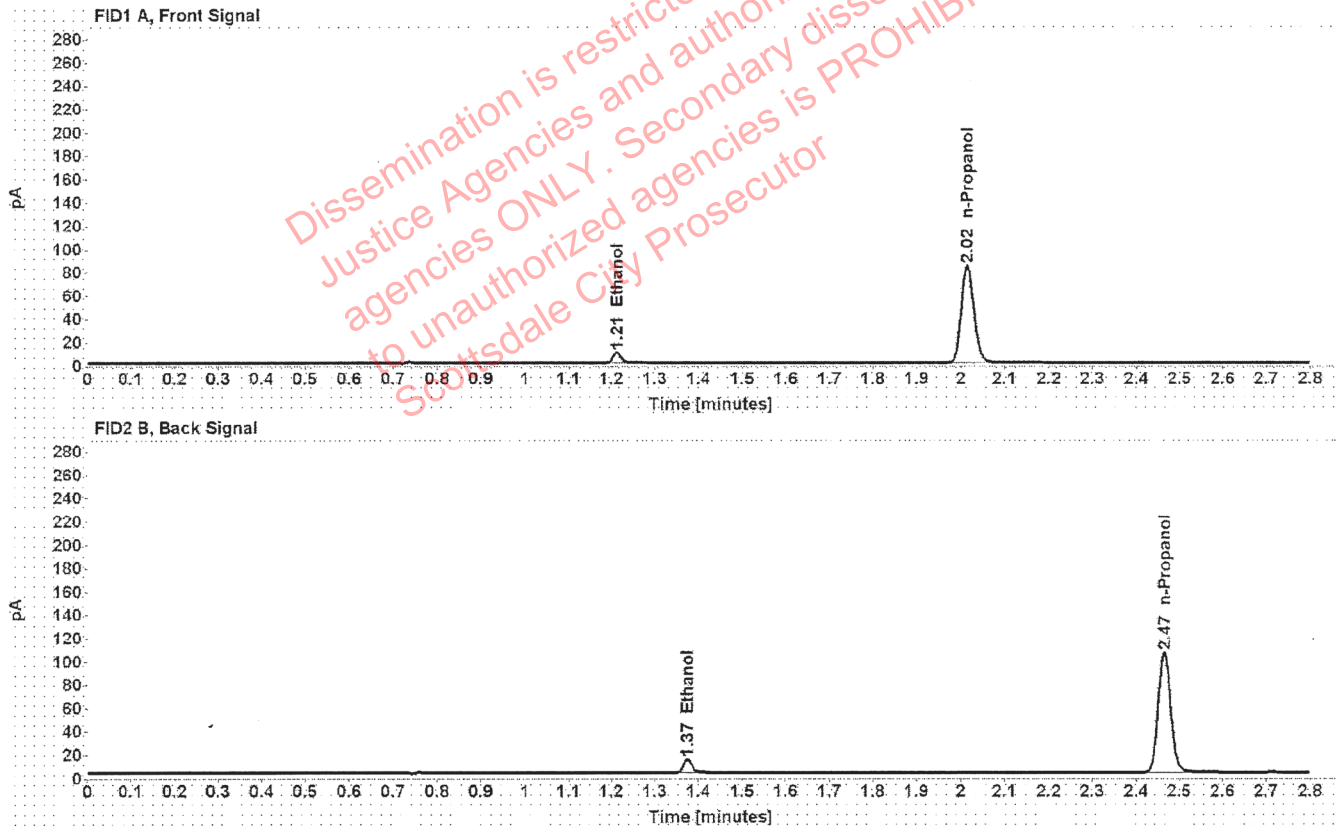


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.613
n-Propanol	2.015	166.414

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

Compound	Time (min)	Peak Area
Ethanol	1.375	14.359
n-Propanol	2.465	206.702

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 19Oct21
Method: ethanol quant.M	Injection date: 10/19/2021 1:18:33 PM
Instrument: US14173023 CN14160045	Analyst: Canonico ee
Data file: C:\Chem32\1\Data\19Oct21\2.D	

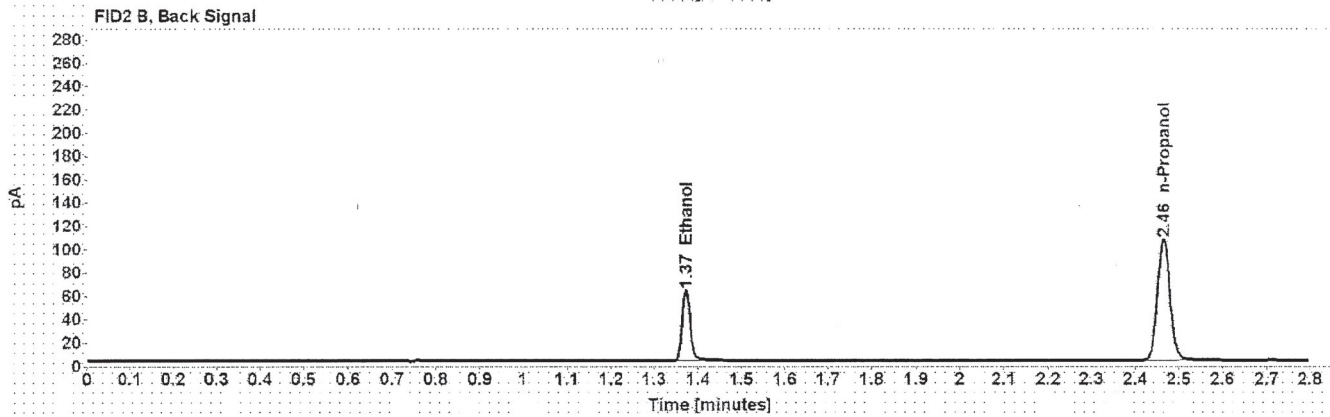
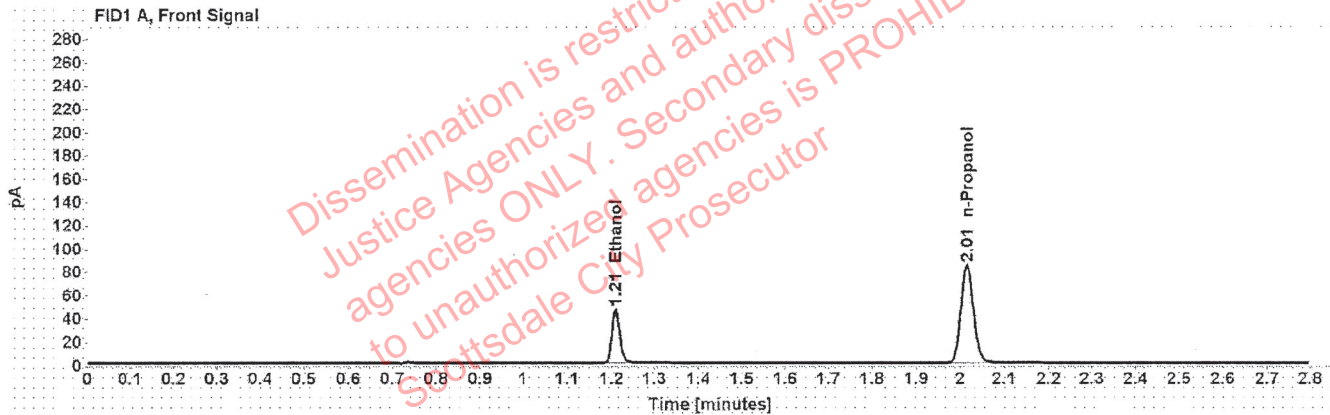


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	59.621
n-Propanol	2.015	167.825

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

Compound	Time (min)	Peak Area
Ethanol	1.372	74.392
n-Propanol	2.465	208.495

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05101903	Vial:	3
Description:	0.200 calibrator	Sequence:	19Oct21
Method:	ethanol quant.M	Injection date:	10/19/2021 1:22:34 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico EJ
Data file:	C:\Chem32\1\Data\19Oct21\3.D		

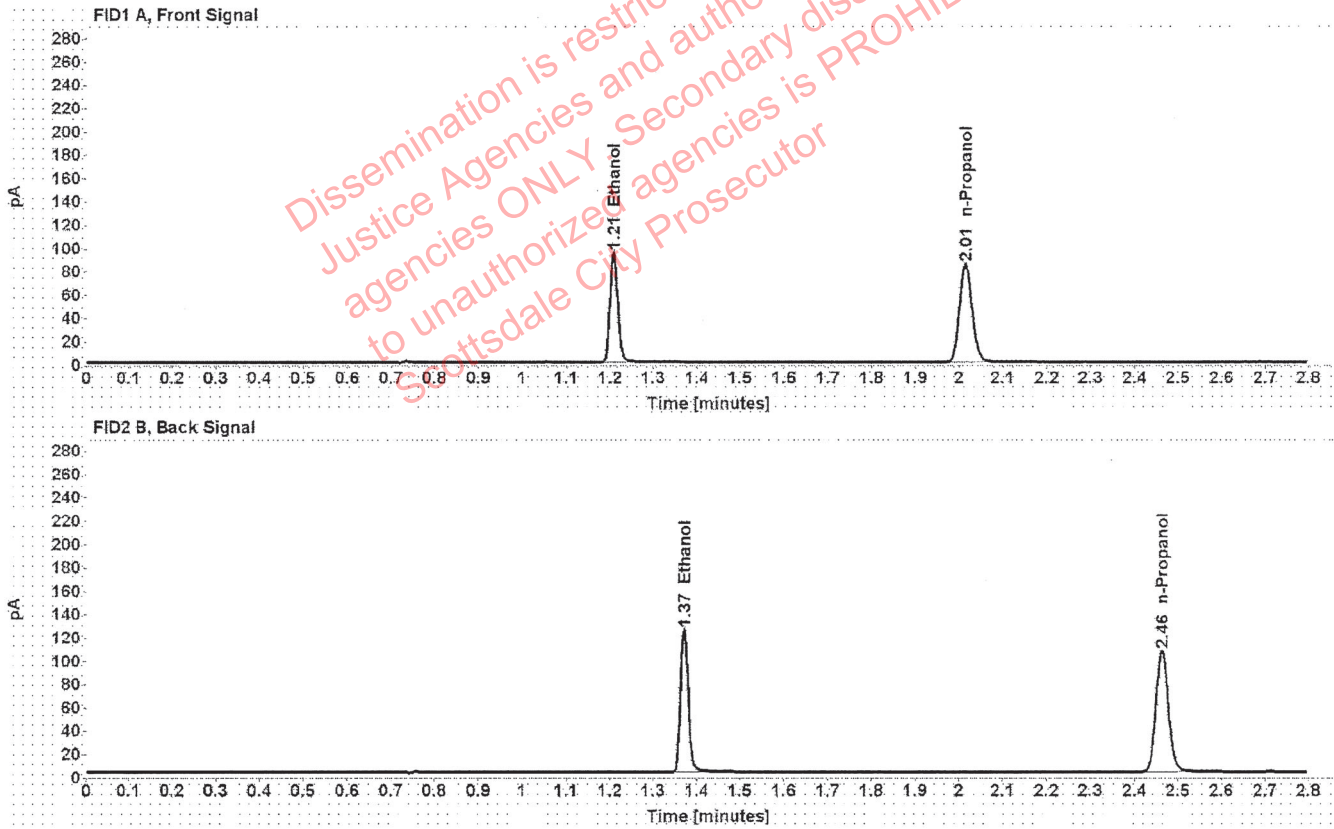


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	120.233
n-Propanol	2.014	168.443

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

Compound	Time (min)	Peak Area
Ethanol	1.371	150.717
n-Propanol	2.464	209.592

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 19Oct21
Method: ethanol quant.M	Injection date: 10/19/2021 1:26:34 PM
Instrument: US14173023 CN14160045	Analyst: Canonico EE
Data file: C:\Chem32\1\Data\19Oct21\4.D	

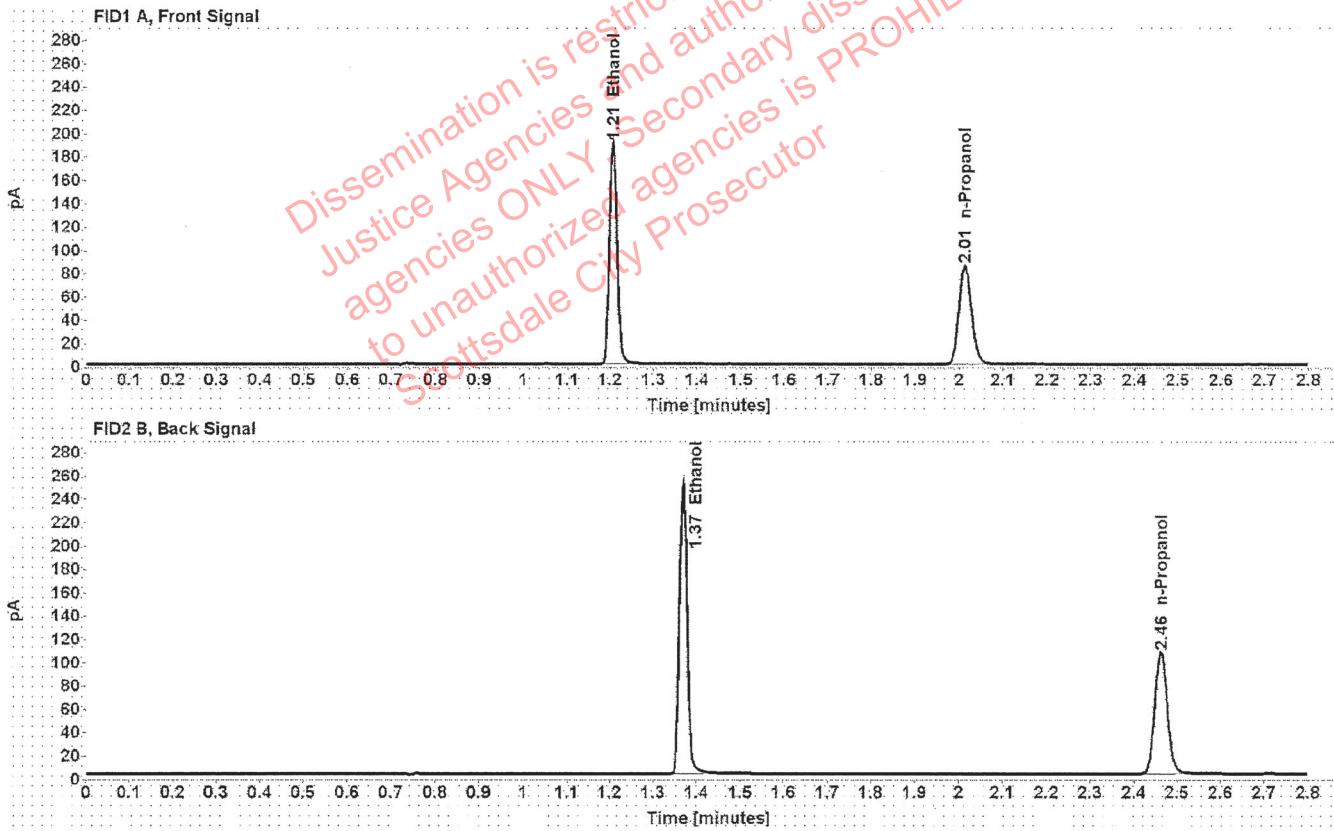


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	241.791
n-Propanol	2.014	169.187

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

Compound	Time (min)	Peak Area
Ethanol	1.370	304.138
n-Propanol	2.463	210.810

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	100421AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 1:30:34 PM
Data file:	C:\Chem32\1\Data\19Oct21\5.D	Analyst:	Canonico <i>ee</i>

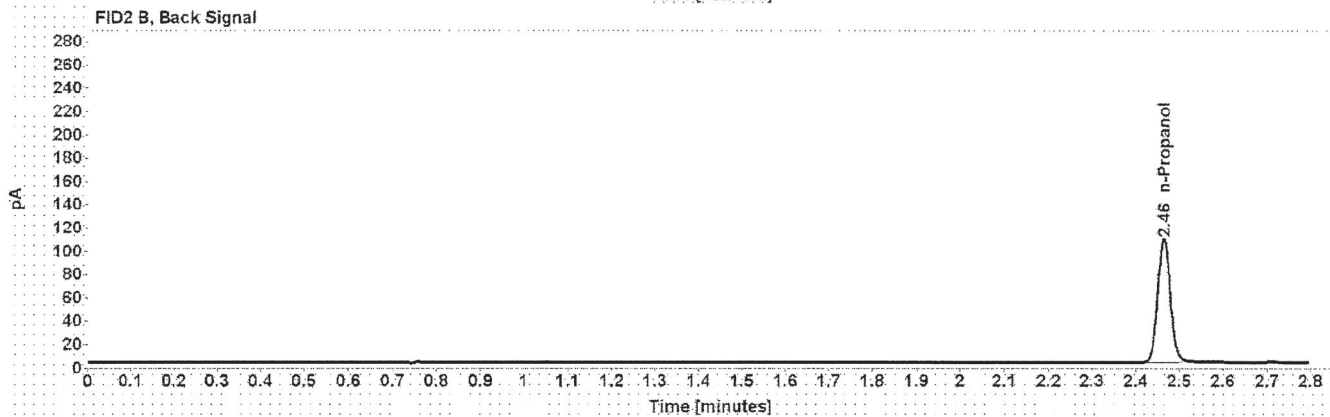
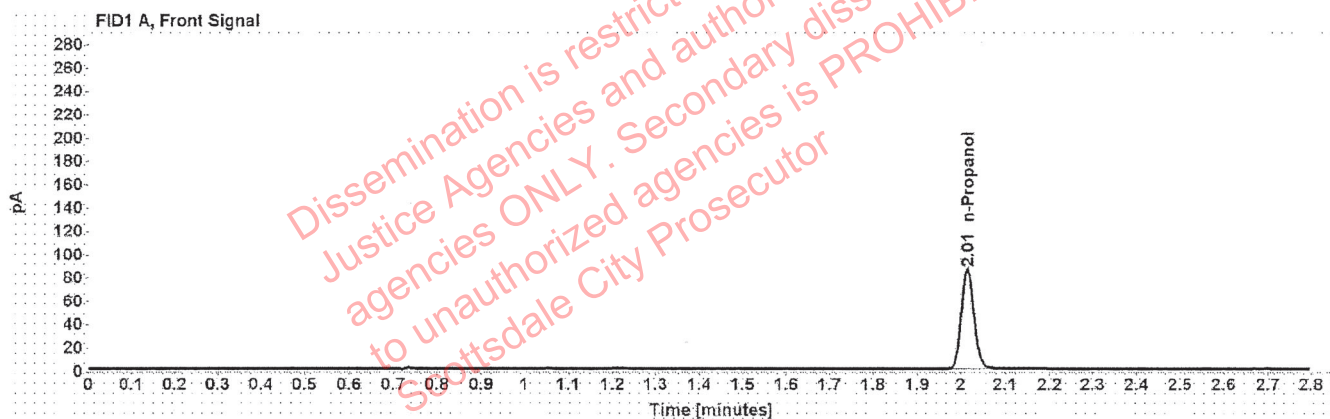


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	171.174

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

Compound	Time (min)	Peak Area
n-Propanol	2.464	213.316

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 19Oct21
Instrument: US14173023 CN14160045	Injection date: 10/19/2021 1:34:34 PM
Data file: C:\Chem32\1\Data\19Oct21\6.D	Analyst: Canonico <i>ec</i>

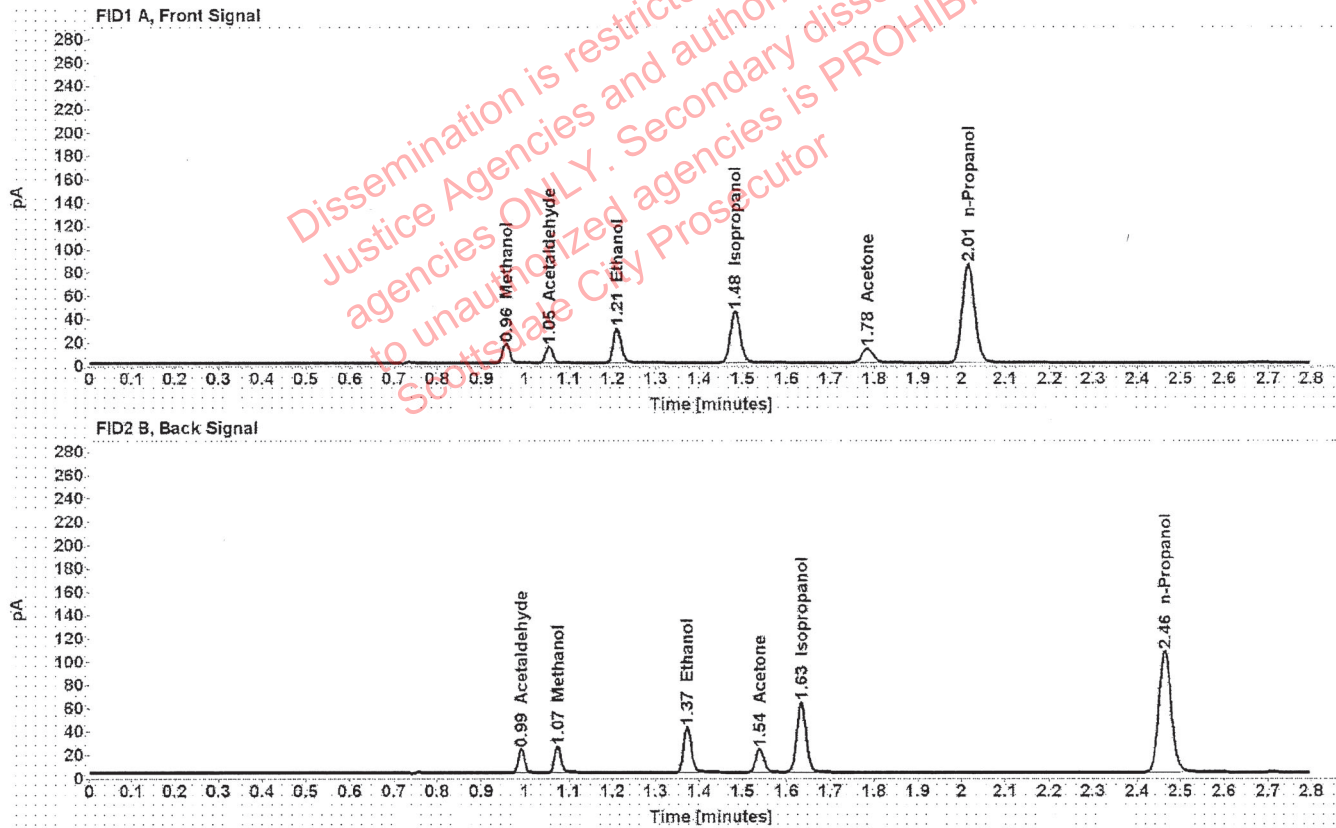


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	18.653
Acetaldehyde	-----	1.055	15.211
>Ethanol	0.0647	1.210	38.715
Isopropanol	-----	1.483	70.802
Acetone	-----	1.784	20.883
n-Propanol	-----	2.015	168.578

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.991	19.772
Methanol	1.074	24.003
Ethanol	1.373	48.292
Acetone	1.539	26.254
Isopropanol	1.634	90.839
n-Propanol	2.464	210.339

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 1:38:49 PM
Data file:	C:\Chem32\1\Data\19Oct21\7.D	Analyst:	Canonico <i>ee</i>

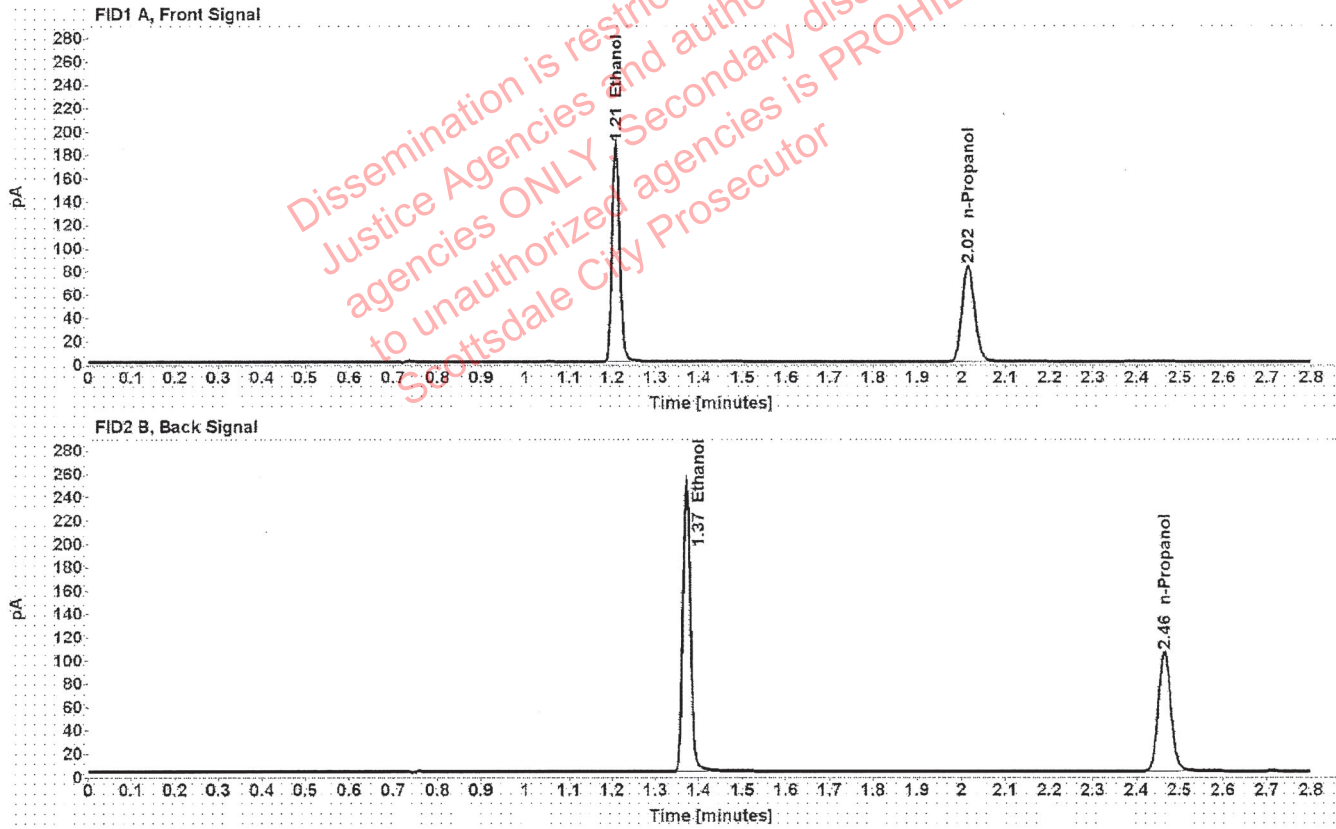


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4029	1.208	237.796
n-Propanol	-----	2.015	165.186

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

Compound	Time (min)	Peak Area
Ethanol	1.372	299.547
n-Propanol	2.465	206.077

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 1:42:48 PM
Data file:	C:\Chem32\1\Data\19Oct21\8.D	Analyst:	Canonico <i>ee</i>

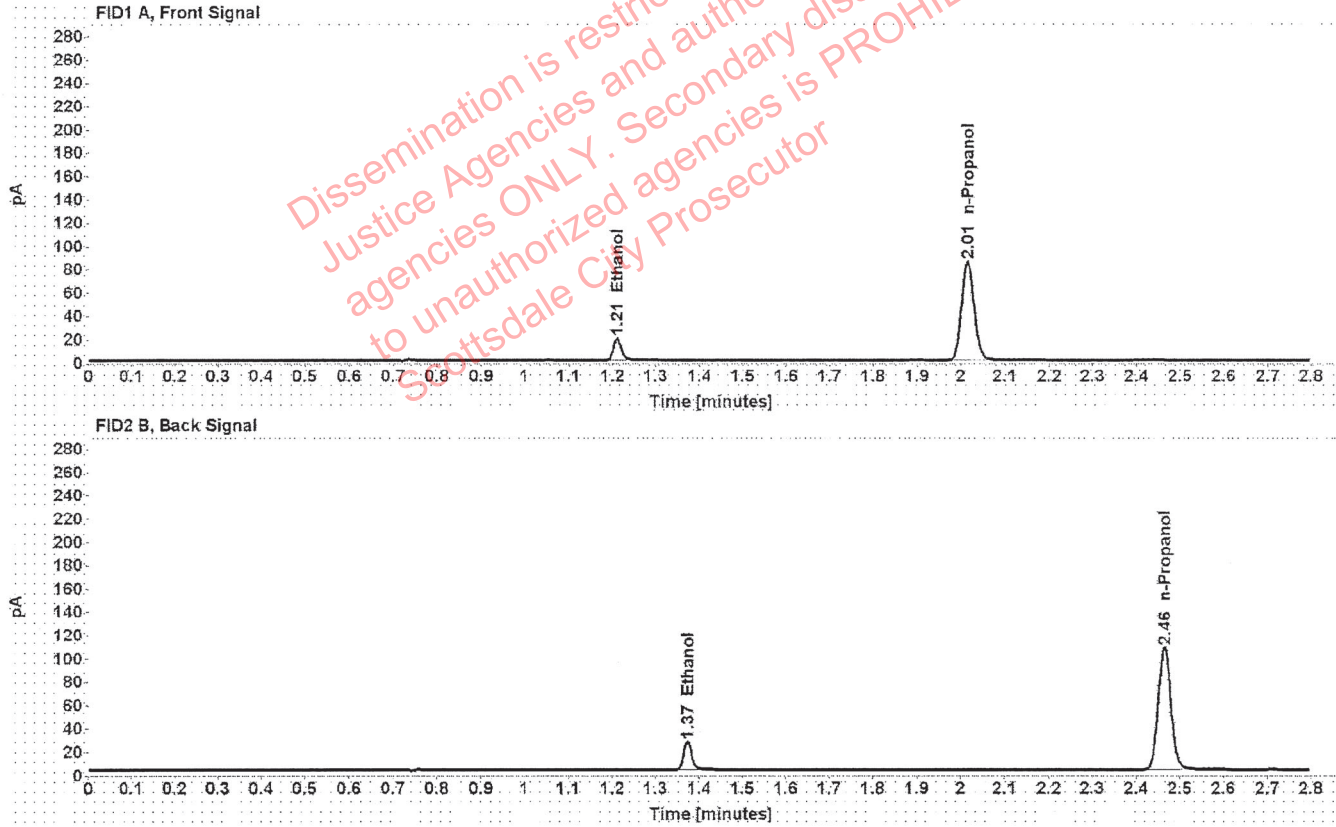


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0404	1.211	24.078
n-Propanol	-----	2.015	168.967

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

Compound	Time (min)	Peak Area
Ethanol	1.373	30.193
n-Propanol	2.464	211.134

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/2	Vial:	9
Description:	-0:200 0.199 EC 0/20/21	LIMS ID:	
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 1:46:48 PM
Data file:	C:\Chem32\1\Data\19Oct21\9.D	Analyst:	Canonico ee

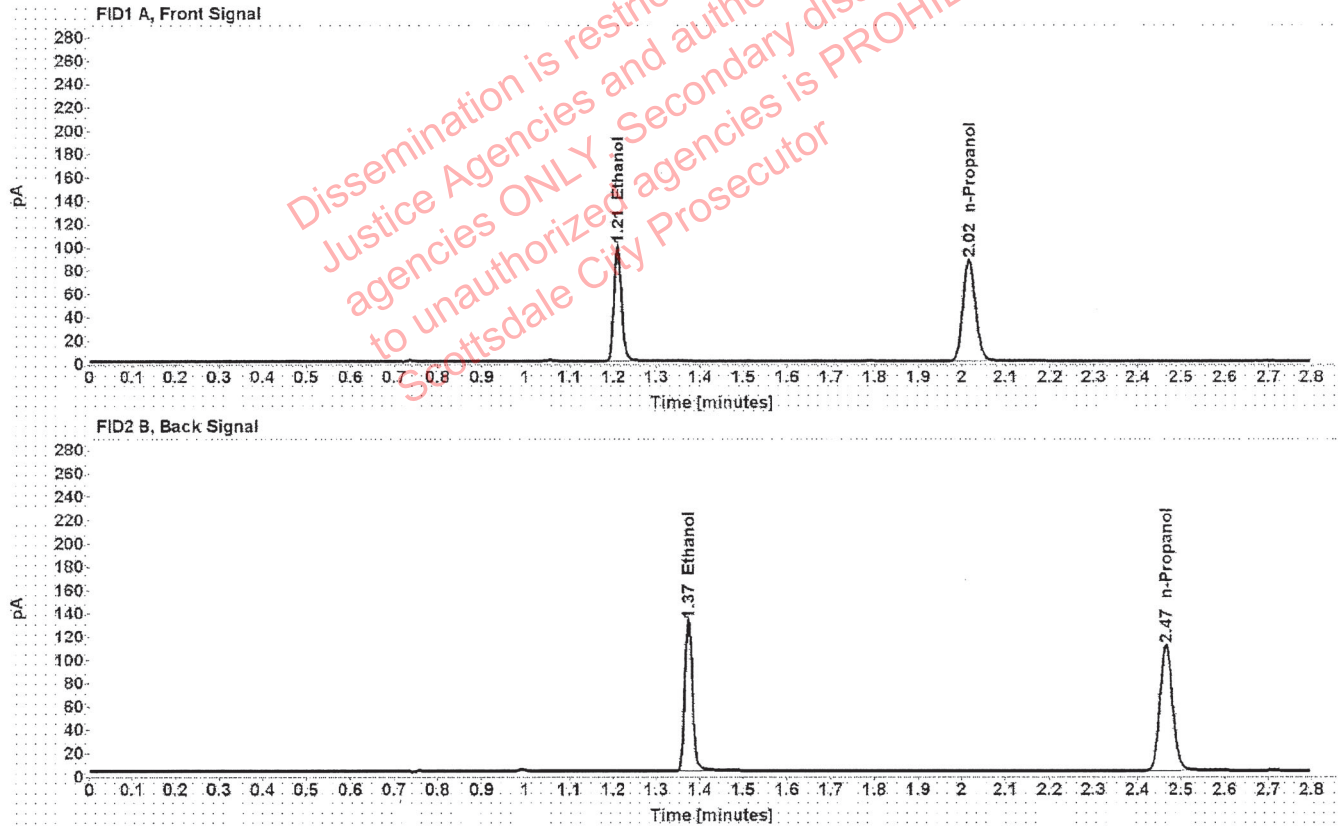


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2037	1.210	126.266
n-Propanol	-----	2.016	173.745

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

Compound	Time (min)	Peak Area
Ethanol	1.374	159.198
n-Propanol	2.466	217.271

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 2:31:18 PM
Data file:	C:\Chem32\1\Data\19Oct21\20.D	Analyst:	Canonico <i>EE</i>

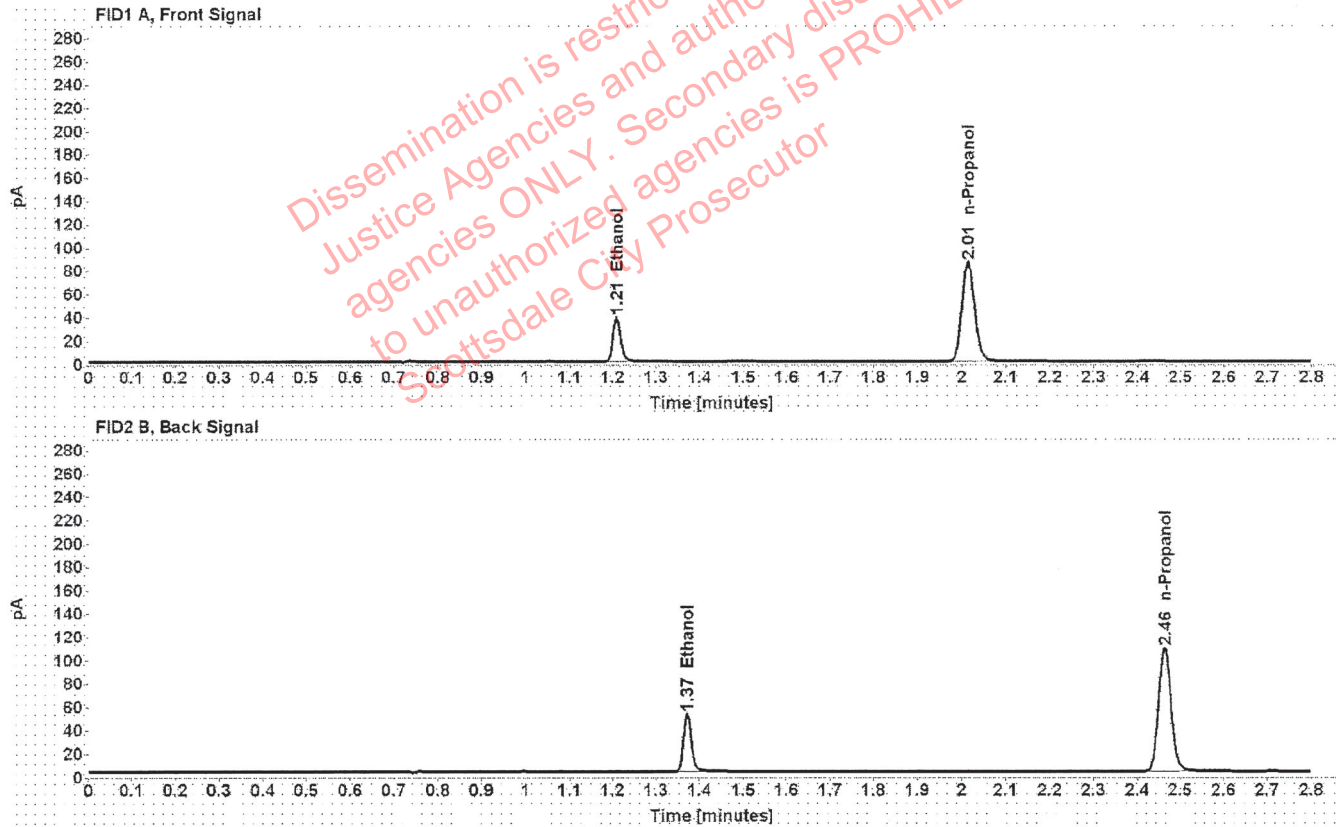


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0804	1.209	48.605
n-Propanol	-----	2.014	170.240

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

Compound	Time (min)	Peak Area
Ethanol	1.372	61.105
n-Propanol	2.464	213.244

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 19Oct21
Instrument: US14173023 CN14160045	Injection date: 10/19/2021 3:15:49 PM
Data file: C:\Chem32\1\Data\19Oct21\31.D	Analyst: Canonico <i>ee</i>

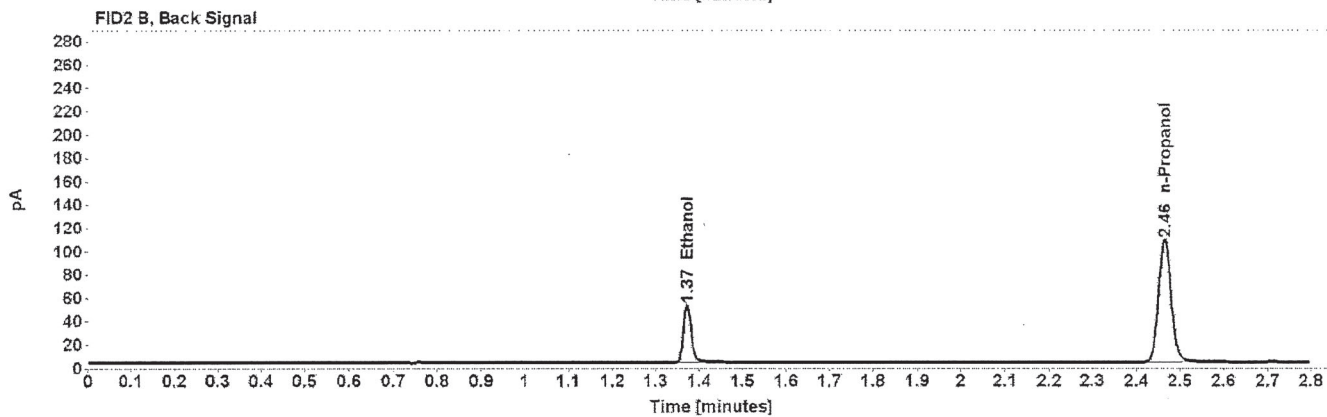
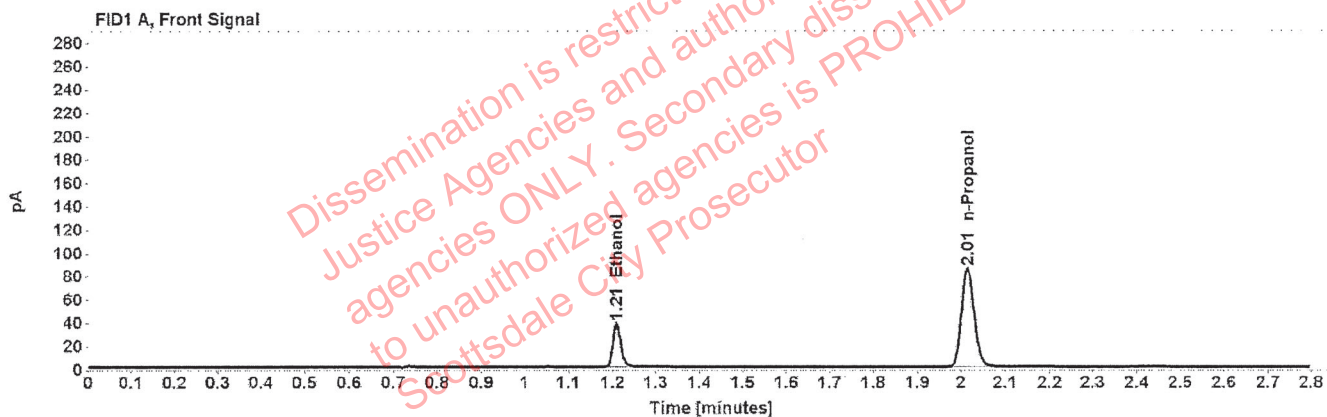


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0804	1.210	48.327
n-Propanol	-----	2.015	169.113

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

Compound	Time (min)	Peak Area
Ethanol	1.372	60.859
n-Propanol	2.464	212.080

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	38
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 3:44:04 PM
Data file:	C:\Chem32\1\Data\19Oct21\38.D	Analyst:	Canonico ee

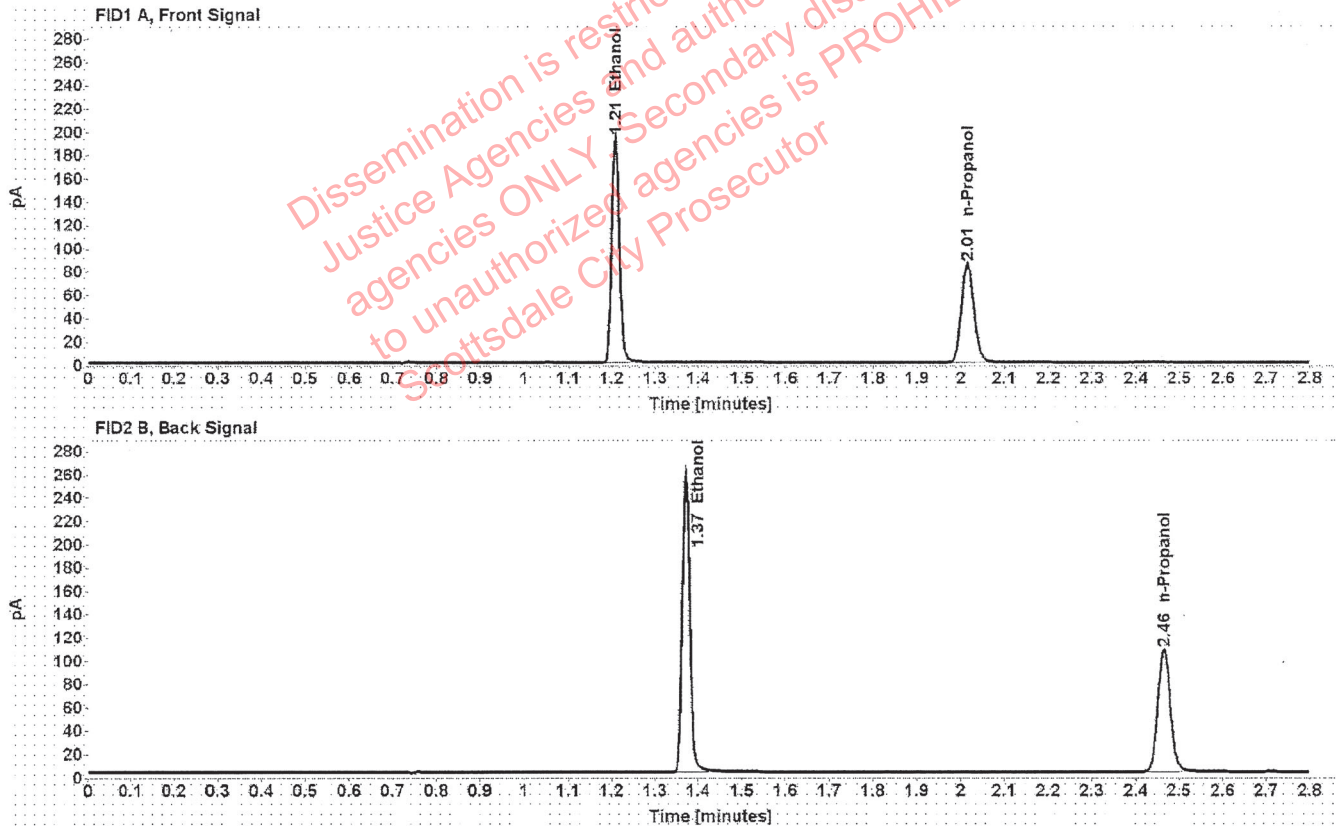


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4051	1.208	245.371
n-Propanol	-----	2.015	169.514

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

Compound	Time (min)	Peak Area
Ethanol	1.372	310.972
n-Propanol	2.465	212.841

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	39
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 3:48:04 PM
Data file:	C:\Chem32\1\Data\19Oct21\39.D	Analyst:	Canonico <i>ec</i>

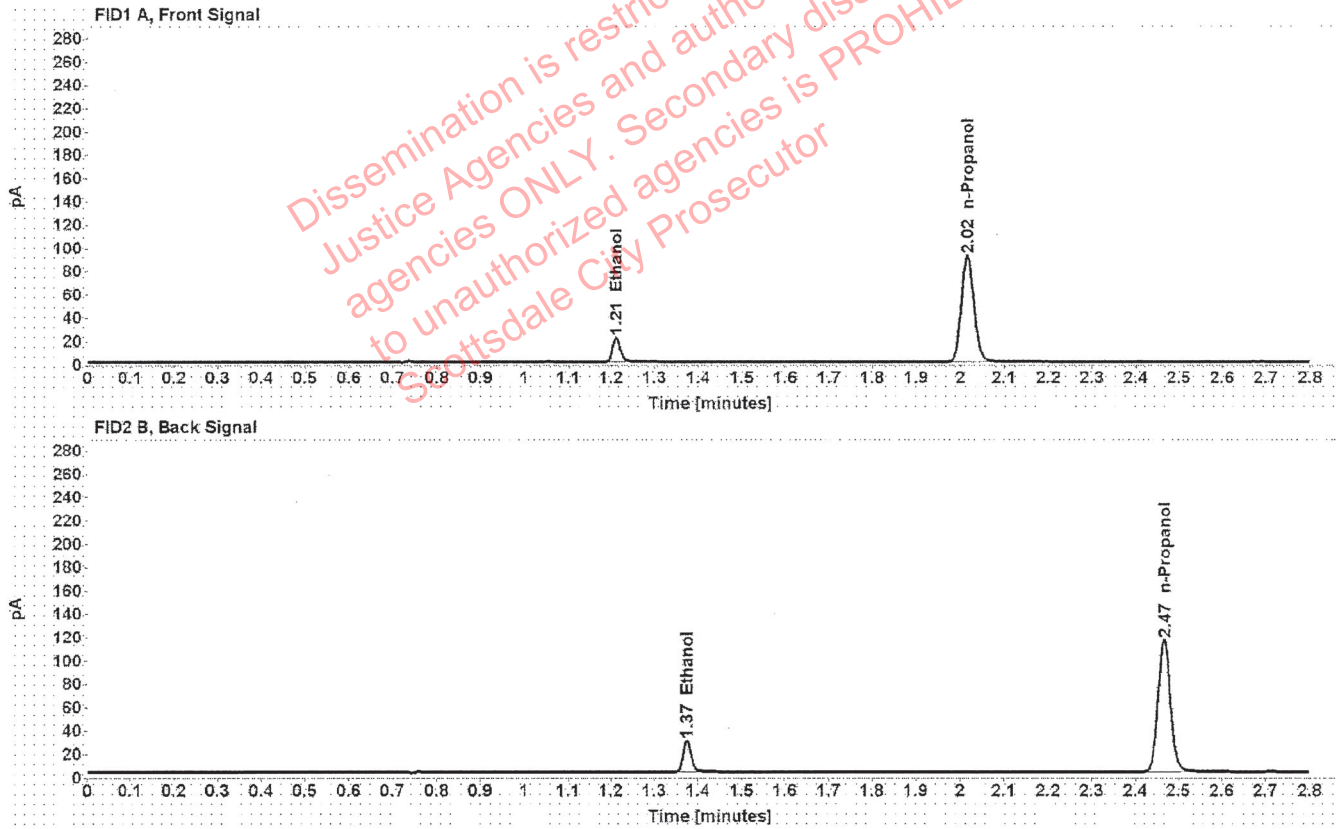


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0419	1.212	26.885
n-Propanol	-----	2.016	182.022

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

Compound	Time (min)	Peak Area
Ethanol	1.375	33.841
n-Propanol	2.466	228.377

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/2	Vial:	40
Description:	-0.200 0.199 EC 10/20/21	LIMS ID:	
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 3:52:04 PM
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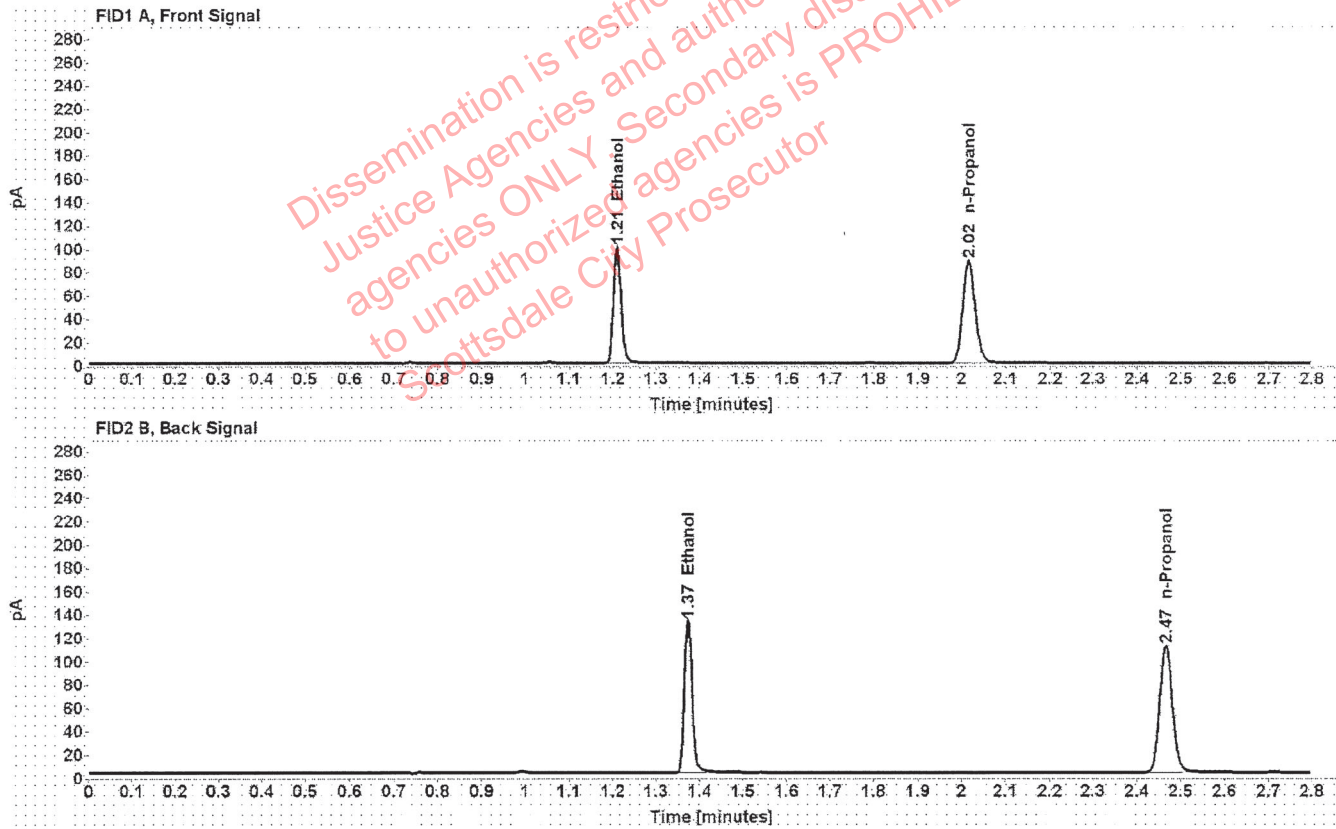


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2031	1.210	127.114
n-Propanol	-----	2.016	175.396

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

Compound	Time (min)	Peak Area
Ethanol	1.374	160.723
n-Propanol	2.466	220.169

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111020WB	Vial:	41
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 3:56:04 PM
Data file:	C:\Chem32\1\Data\19Oct21\41.D	Analyst:	Canonico <i>ee</i>

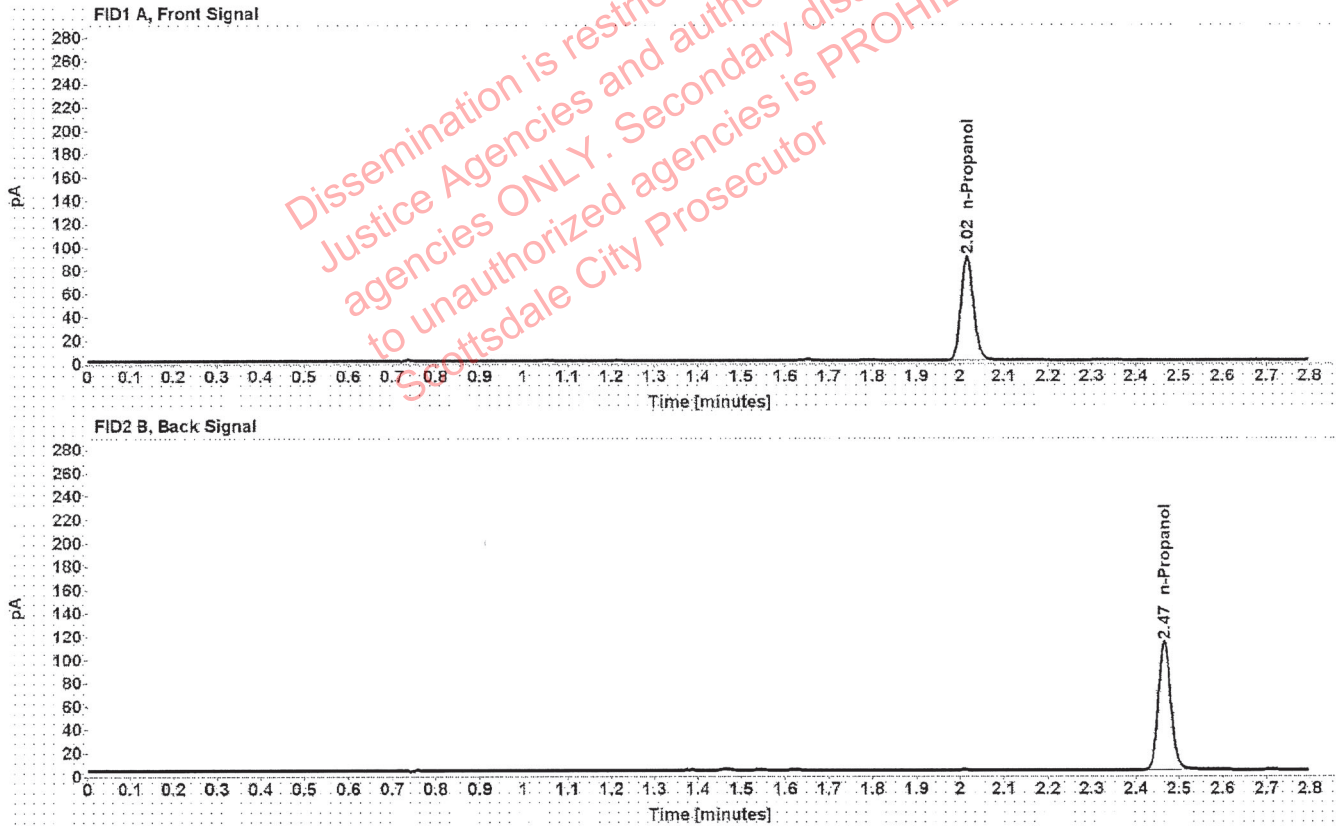


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	177.191

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	222.825

Sequence Summary

Sequence name: 19Oct21 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	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	0.200	Control		ethanol quant.M
10	33101LC		Sample		ethanol quant.M
11	33101LC		Sample		ethanol quant.M
12	38701BB		Sample		ethanol quant.M
13	38701BB		Sample		ethanol quant.M
14	1371958		Sample		ethanol quant.M
15	1371958		Sample		ethanol quant.M
16	1371961		Sample		ethanol quant.M
17	1371961		Sample		ethanol quant.M
18	1390955		Sample		ethanol quant.M
19	1390955		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	1393003		Sample		ethanol quant.M
22	1393003		Sample		ethanol quant.M
23	1384236		Sample		ethanol quant.M
24	1384236		Sample		ethanol quant.M
25	1392572		Sample		ethanol quant.M
26	1392572		Sample		ethanol quant.M
27	1392588		Sample		ethanol quant.M
28	1392588		Sample		ethanol quant.M
29	1390728		Sample		ethanol quant.M
30	1390728		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	1391980		Sample		ethanol quant.M
33	1391980		Sample		ethanol quant.M
34	1393318		Sample		ethanol quant.M
35	1393318		Sample		ethanol quant.M
36	1390655		Sample		ethanol quant.M
37	1390655		Sample		ethanol quant.M
38	11092018-A		Control		ethanol quant.M
39	14082019-B		Control		ethanol quant.M
40	4110320133/2		Control		ethanol quant.M
41	111020WB		Control		ethanol quant.M

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

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 19Oct21

ANALYST: Canonico e

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1269	0.1262	0.12655	0.28	0.00035
12 13	0.1719	0.1726	0.17225	0.20	0.00035
14 15	0.1859	0.1867	0.18630	0.21	0.00040
16 17	0.1222	0.1222	0.12220	0.00	0.00000
18 19	0.3443	0.3453	0.34480	0.15	0.00050
21 22	0.1058	0.1062	0.10600	0.19	0.00020
23 24	0.1690	0.1715	0.17025	0.73	0.00125
25 26	0.0920	0.0919	0.09195	0.05	0.00005
27 28	0.2047	0.2048	0.20475	0.02	0.00005
29 30	0.0911	0.0905	0.09080	0.33	0.00030
32 33	0.1972	0.2000	0.19860	0.70	0.00140
34 35	0.1230	0.1217	0.12235	0.53	0.00065
36 37	0.2470	0.2461	0.24655	0.18	0.00045

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33101LC	Vial:	10
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 1:50:48 PM
Data file:	C:\Chem32\1\Data\19Oct21\10.D	Analyst:	Canonico

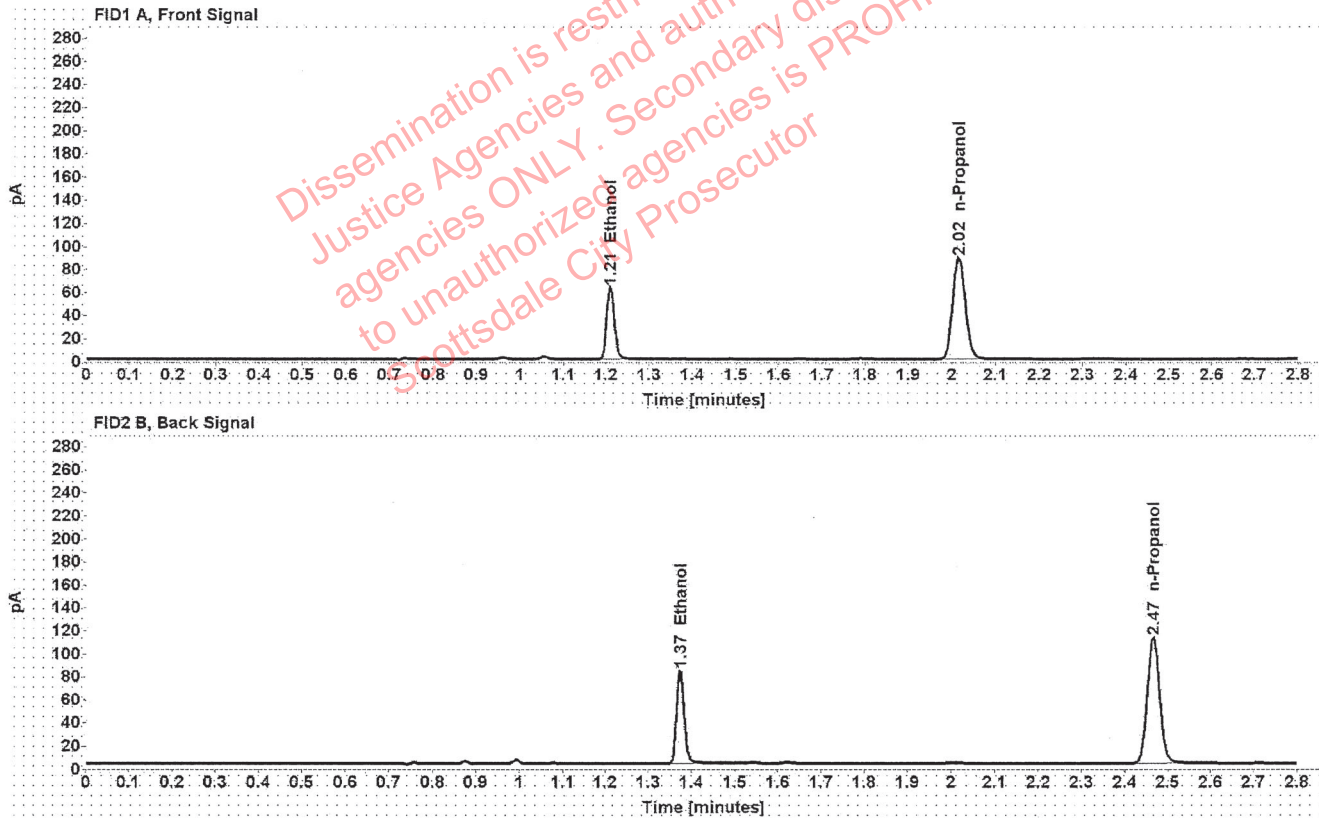


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1269	1.210	79.425
n-Propanol	-----	2.016	175.671

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

Compound	Time (min)	Peak Area
Ethanol	1.374	99.720
n-Propanol	2.466	220.366

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33101LC	Vial:	11
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 1:54:49 PM
Data file:	C:\Chem32\1\Data\19Oct21\11.D	Analyst:	Canonico

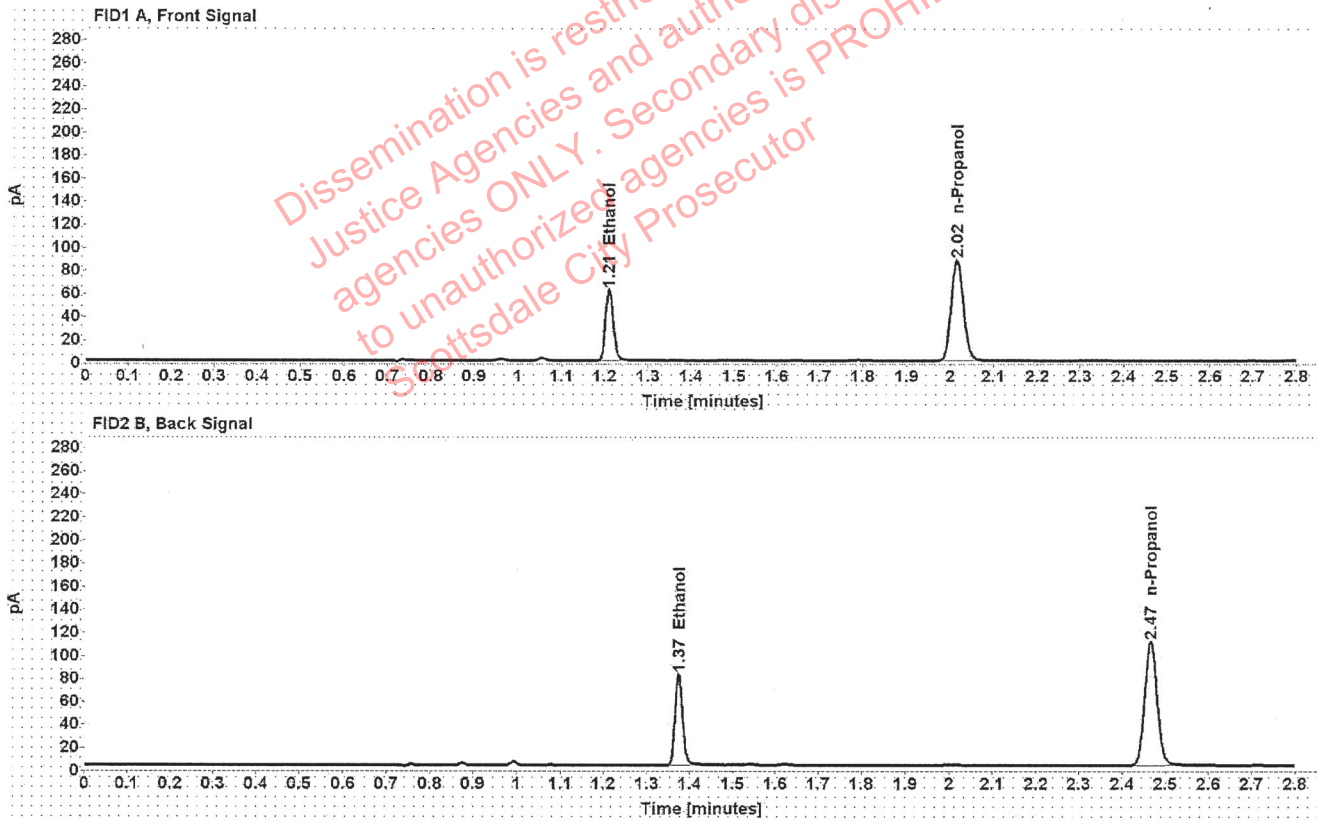


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1262	1.210	78.094
n-Propanol	-----	2.016	173.735

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

Compound	Time (min)	Peak Area
Ethanol	1.374	97.881
n-Propanol	2.466	218.074

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38701BB	Vial:	12
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 1:58:49 PM
Data file:	C:\Chem32\1\Data\19Oct21\12.D	Analyst:	Canonico

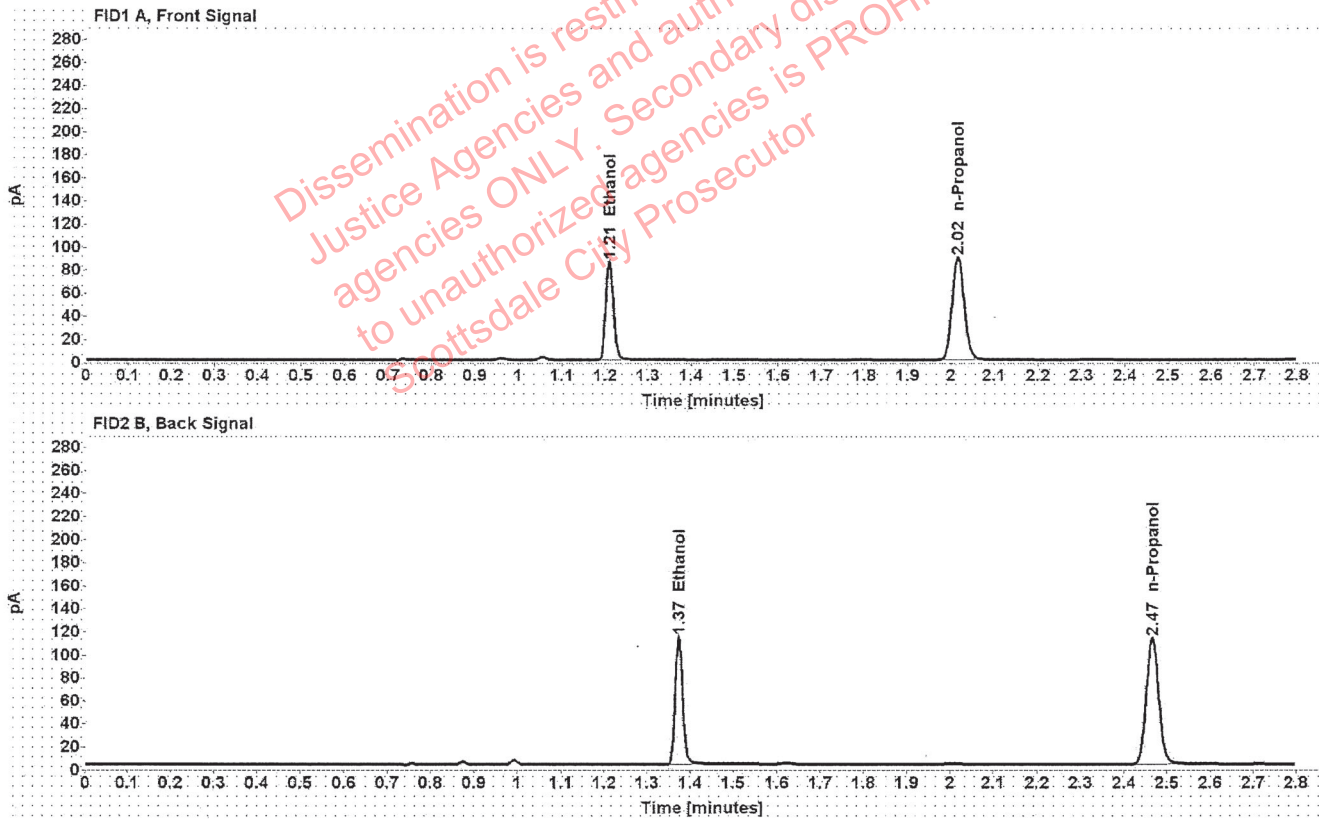


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1719	1.210	108.584
n-Propanol	-----	2.016	177.181

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

Compound	Time (min)	Peak Area
Ethanol	1.374	136.439
n-Propanol	2.466	222.341

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38701BB	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 2:03:04 PM
Data file:	C:\Chem32\1\Data\19Oct21\13.D	Analyst:	Canonico

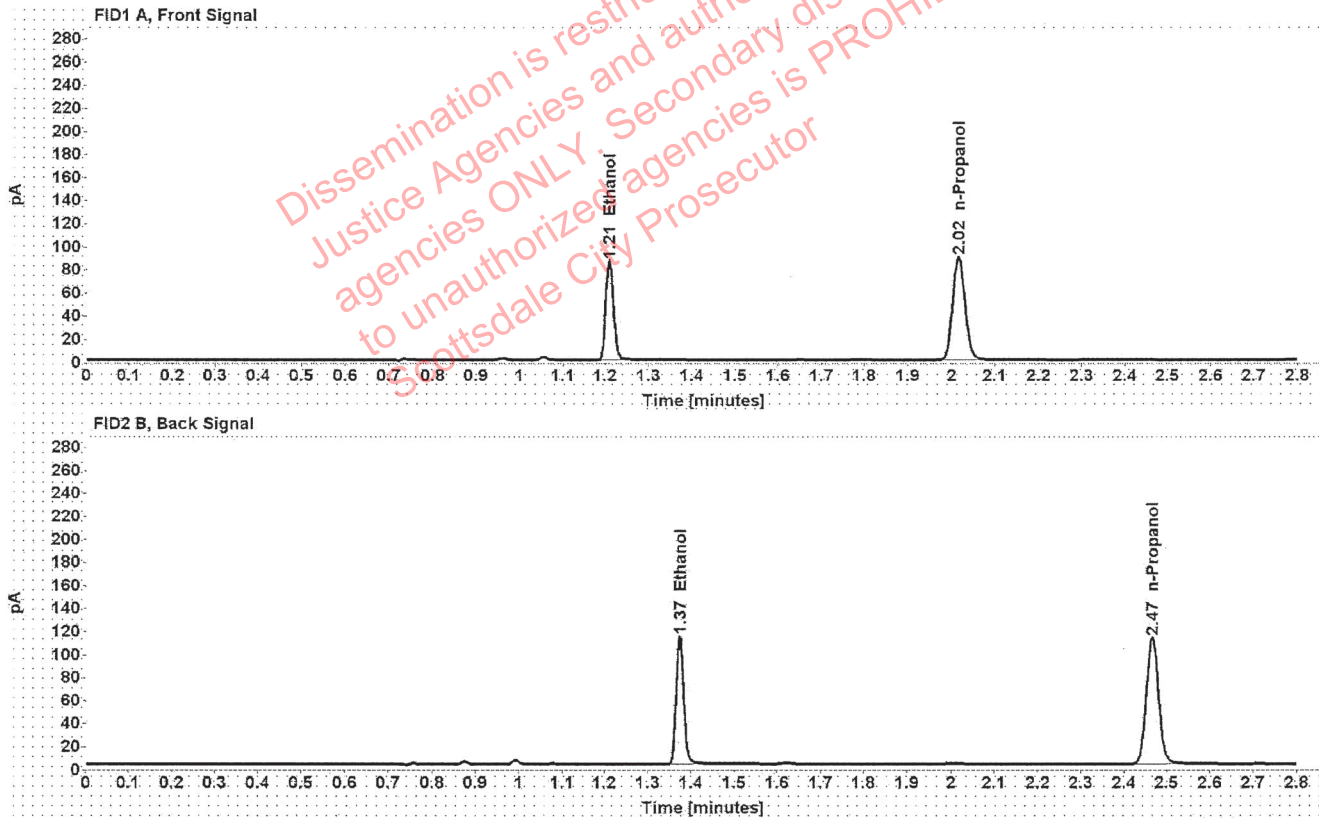


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1726	1.210	108.845
n-Propanol	-----	2.016	176.829

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

Compound	Time (min)	Peak Area
Ethanol	1.374	136.563
n-Propanol	2.466	221.876

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371958	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 2:07:03 PM
Data file:	C:\Chem32\1\Data\19Oct21\14.D	Analyst:	Canonico

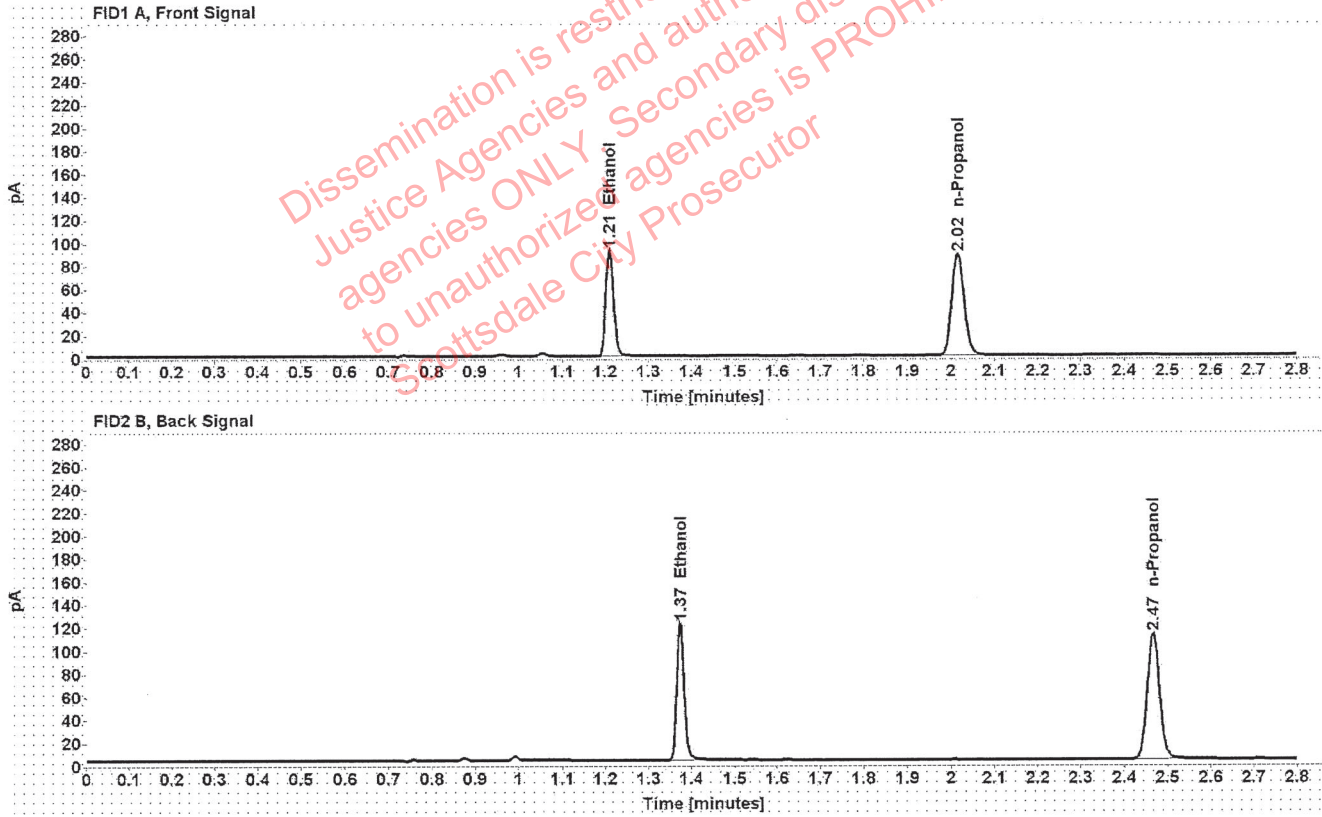


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1859	1.210	116.583
n-Propanol	-----	2.016	175.847

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

Compound	Time (min)	Peak Area
Ethanol	1.374	146.759
n-Propanol	2.466	220.047

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371958	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 2:11:04 PM
Data file:	C:\Chem32\1\Data\19Oct21\15.D	Analyst:	Canonico

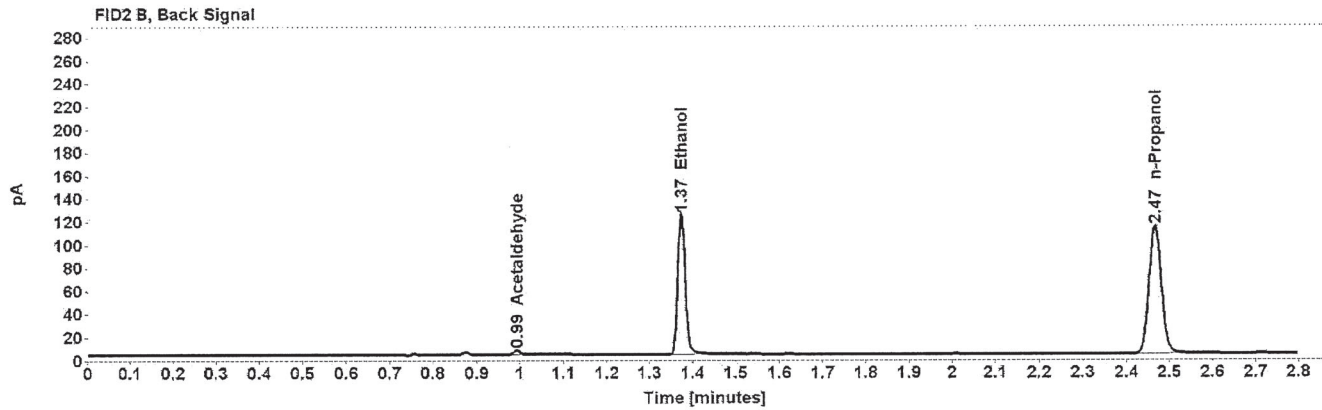
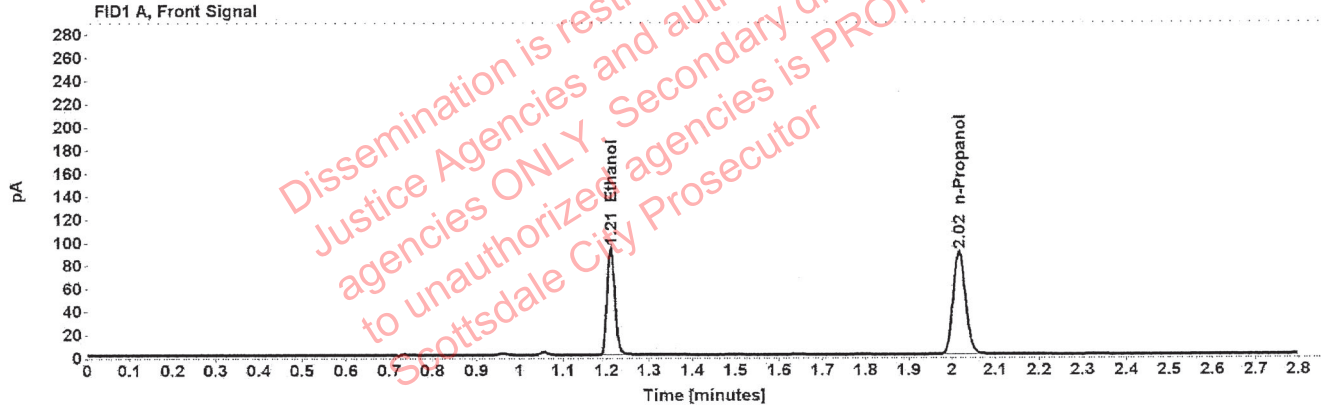


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1867	1.210	118.733
n-Propanol	-----	2.016	178.252

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.762
Ethanol	1.374	149.344
n-Propanol	2.466	223.119

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371961	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 2:15:03 PM
Data file:	C:\Chem32\1\Data\19Oct21\16.D	Analyst:	Canonico

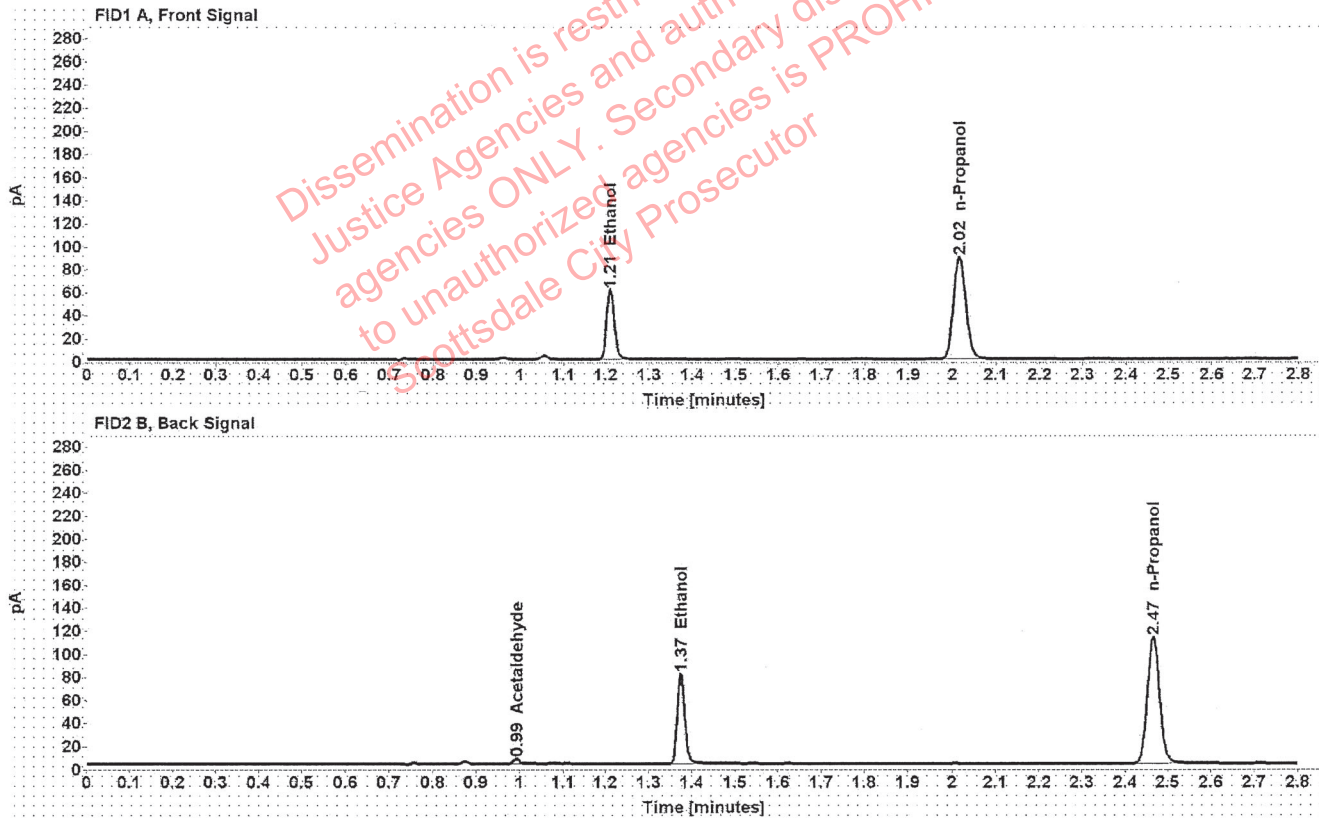


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1222	1.210	76.793
n-Propanol	-----	2.016	176.463

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.378
Ethanol	1.374	96.435
n-Propanol	2.466	220.970

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1371961	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 2:19:04 PM
Data file:	C:\Chem32\1\Data\19Oct21\17.D	Analyst:	Canonico

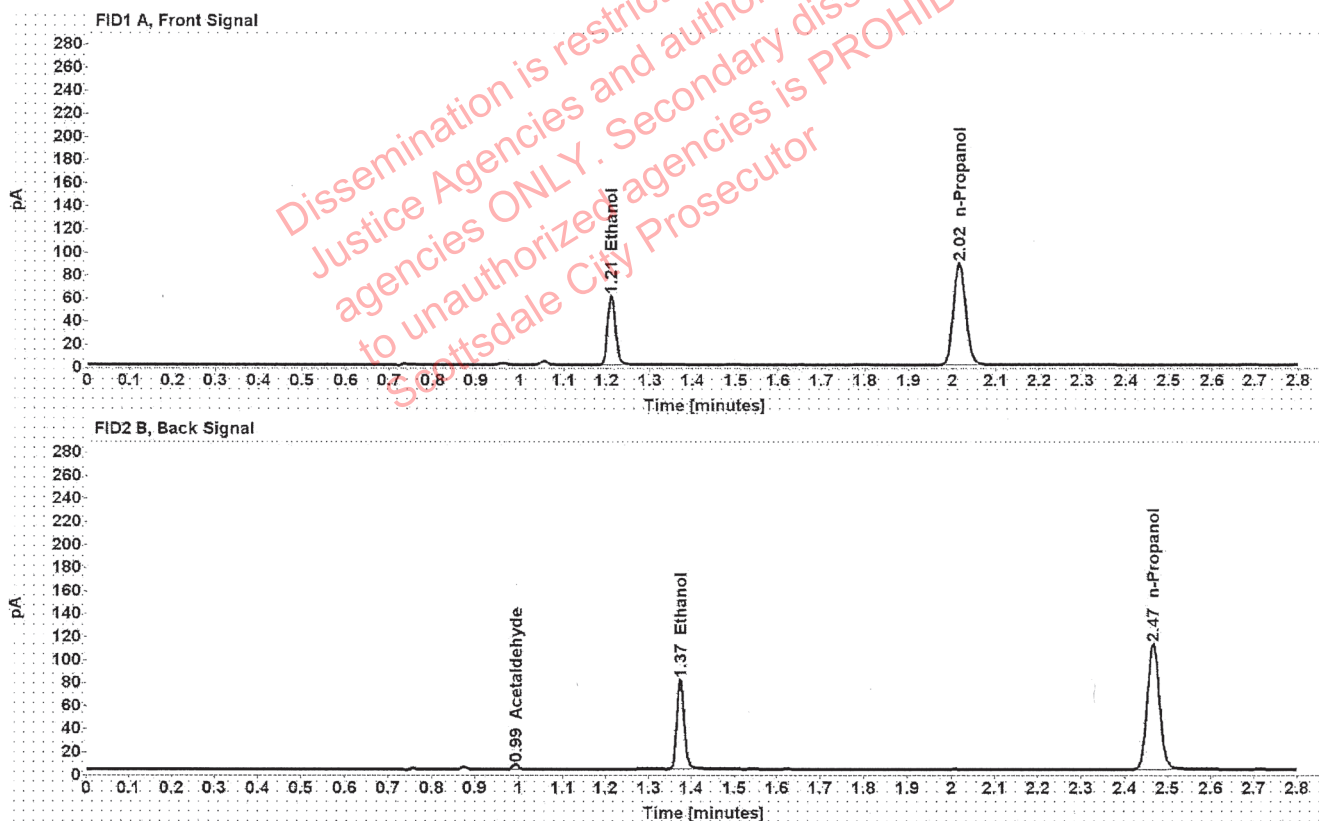


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1222	1.210	76.617
n-Propanol	-----	2.016	176.065

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.377
Ethanol	1.374	95.984
n-Propanol	2.466	220.700

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1390955	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 2:23:04 PM
Data file:	C:\Chem32\1\Data\19Oct21\18.D	Analyst:	Canonico

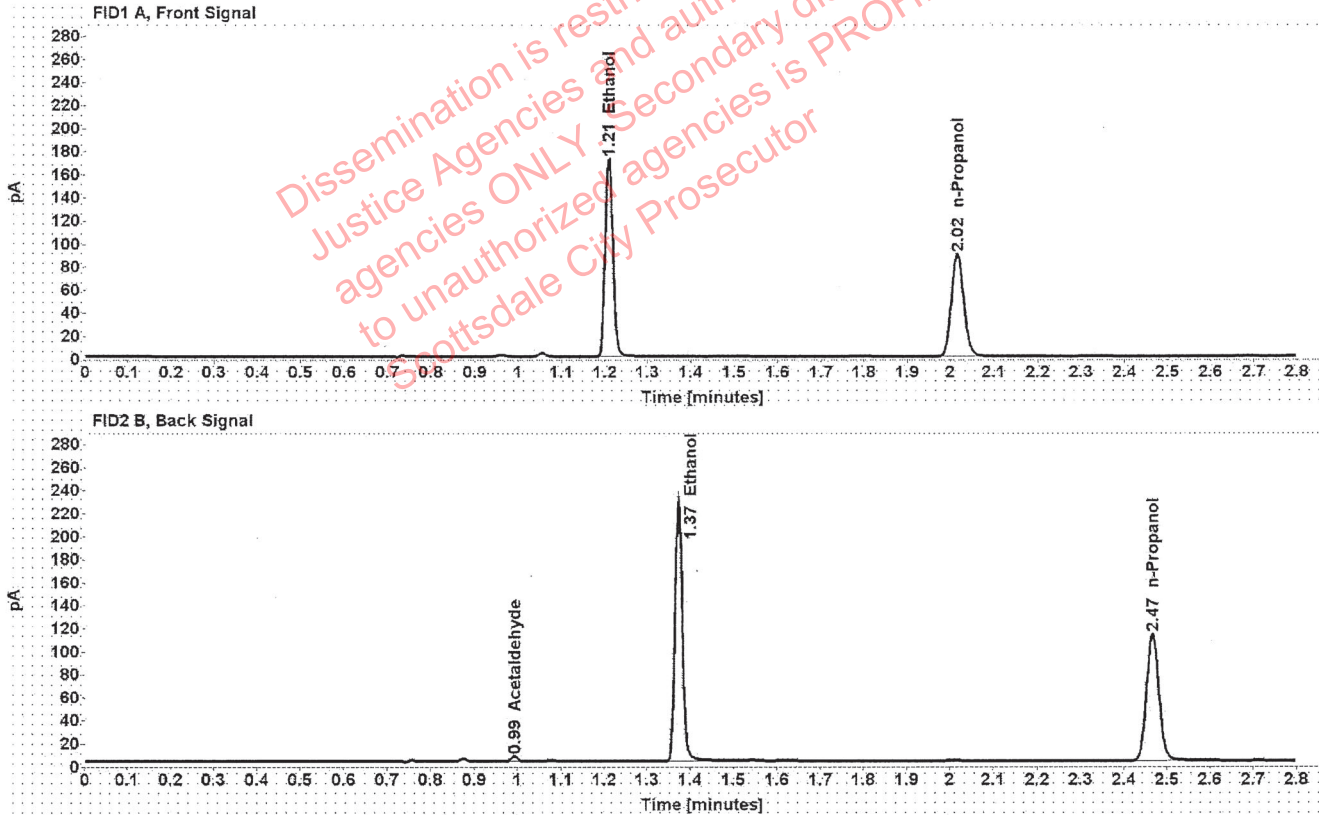


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3443	1.209	218.112
n-Propanol	-----	2.016	177.322

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.281
Ethanol	1.373	276.664
n-Propanol	2.466	222.323

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1390955	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 2:27:19 PM
Data file:	C:\Chem32\1\Data\19Oct21\19.D	Analyst:	Canonico

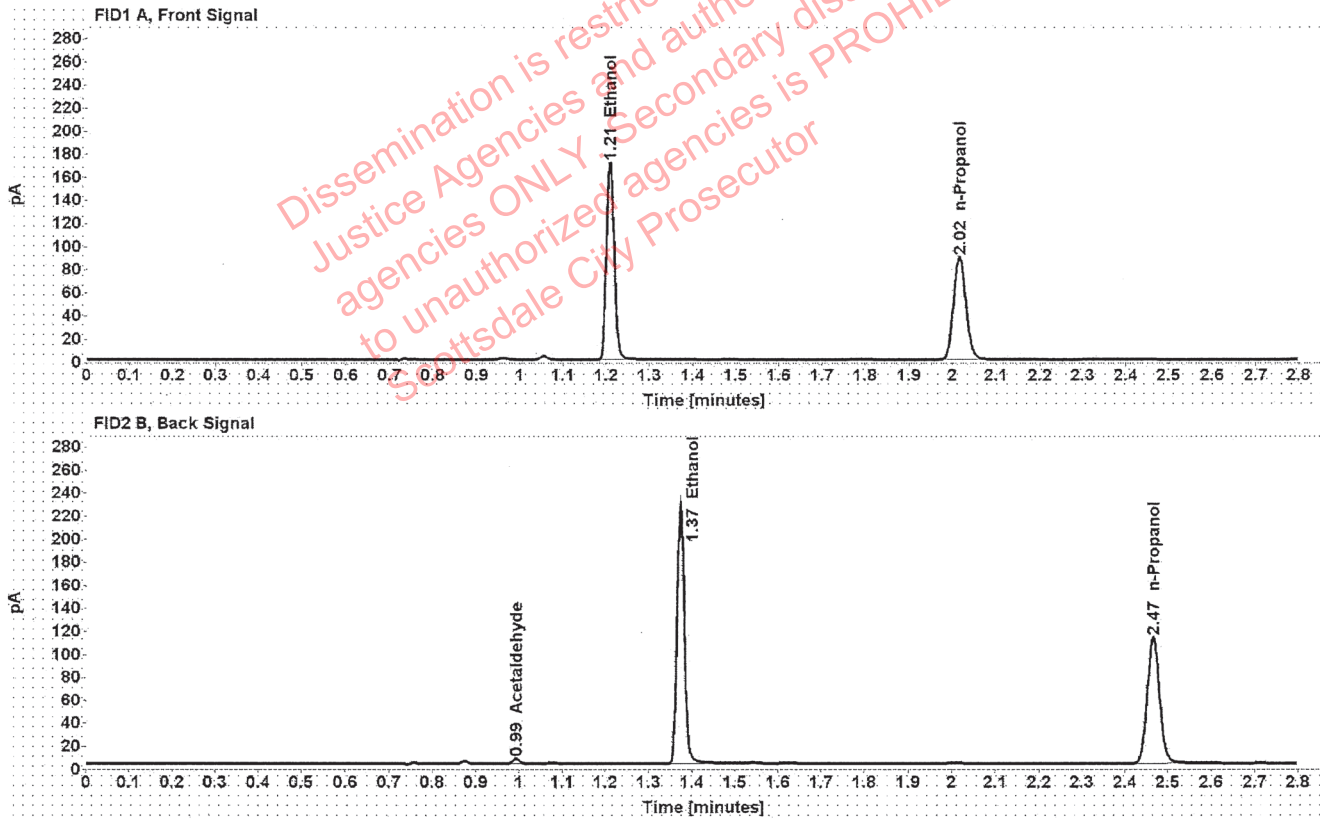


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3453	1.209	217.285
n-Propanol	-----	2.016	176.173

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.275
Ethanol	1.373	275.517
n-Propanol	2.466	220.883

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1393003	Vial:	21
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 2:35:19 PM
Data file:	C:\Chem32\1\Data\19Oct21\21.D	Analyst:	Canonico

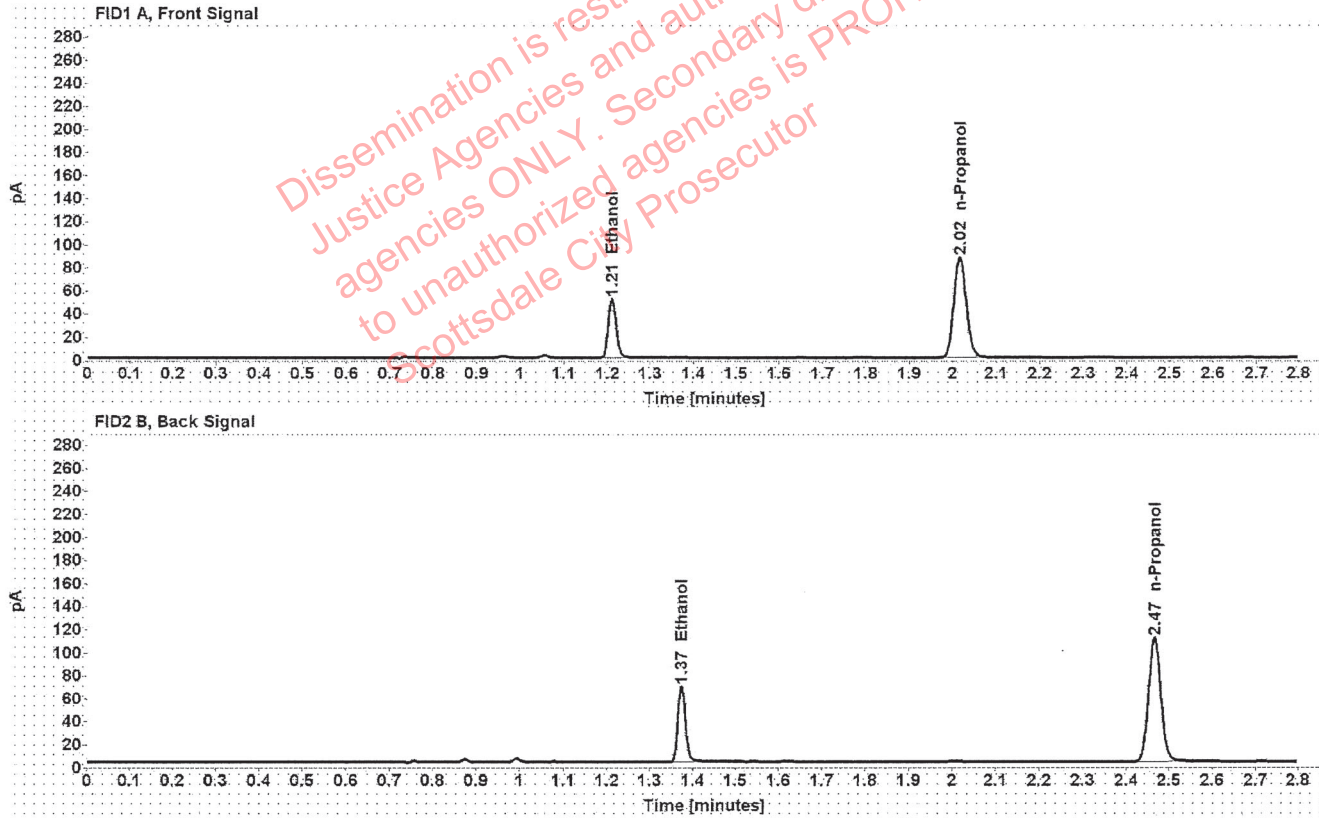


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1058	1.210	65.103
n-Propanol	-----	2.016	172.894

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

Compound	Time (min)	Peak Area
Ethanol	1.374	81.716
n-Propanol	2.466	216.834

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1393003	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 2:39:19 PM
Data file:	C:\Chem32\1\Data\19Oct21\22.D	Analyst:	Canonico

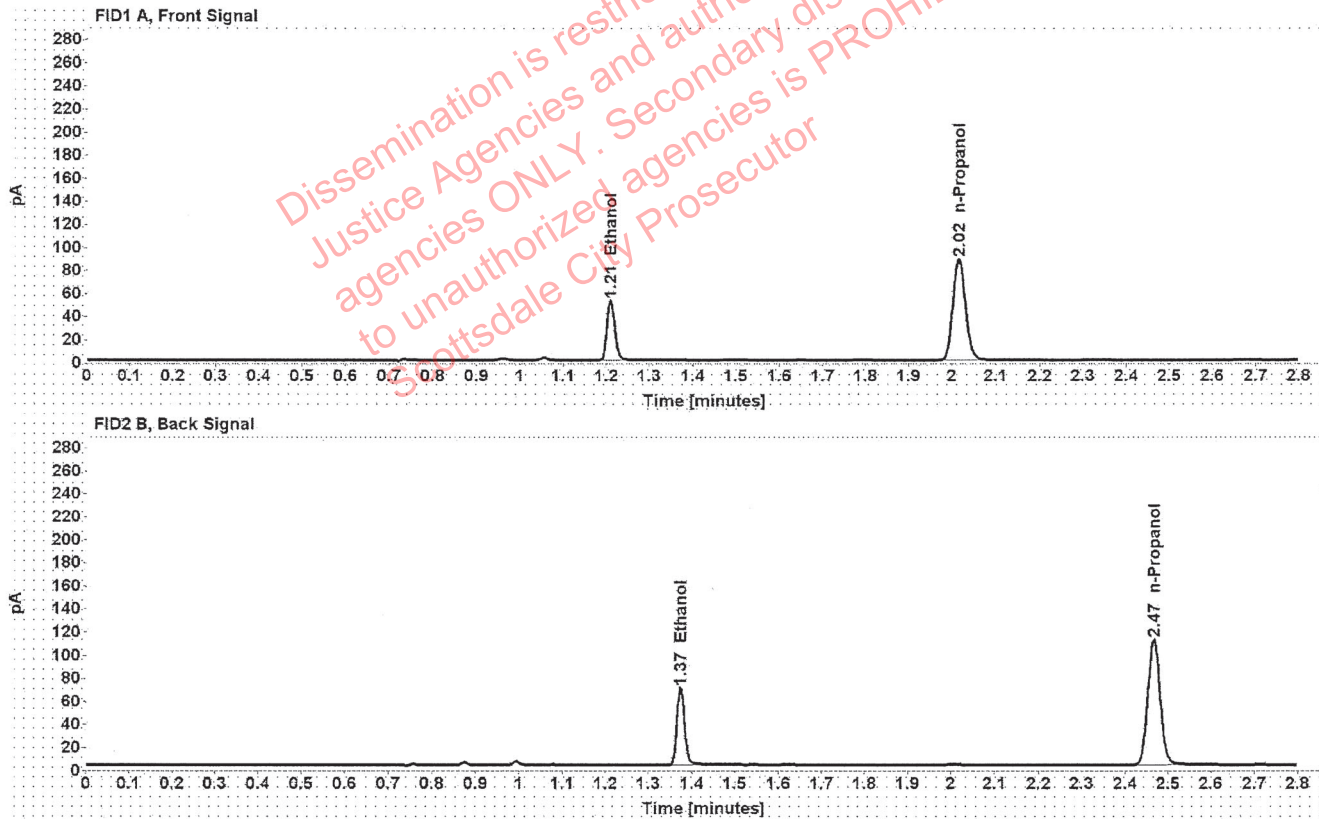


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1062	1.211	66.214
n-Propanol	-----	2.016	175.182

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

Compound	Time (min)	Peak Area
Ethanol	1.374	83.003
n-Propanol	2.466	219.972

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384236	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 2:43:19 PM
Data file:	C:\Chem32\1\Data\19Oct21\23.D	Analyst:	Canonico

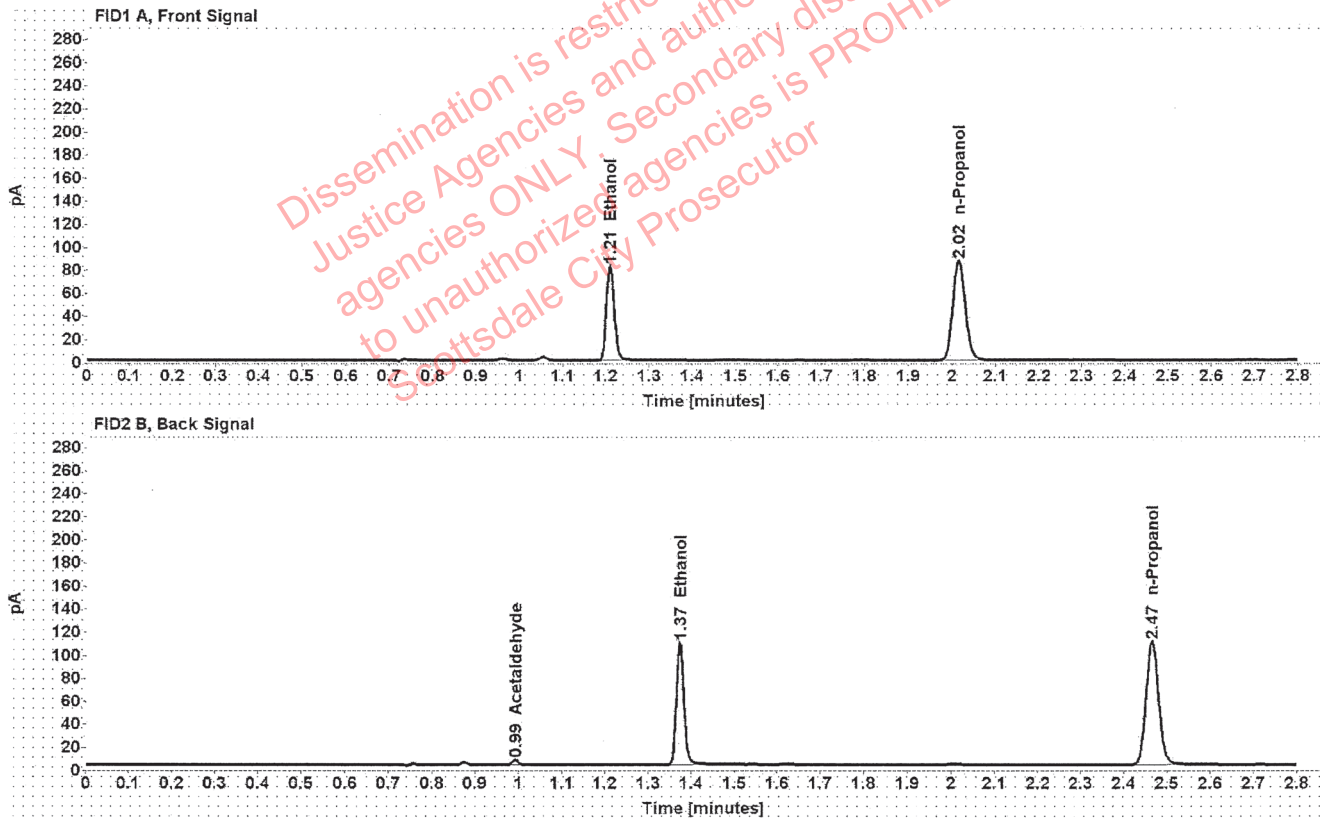


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1690	1.210	103.996
n-Propanol	-----	2.016	172.601

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.986
Ethanol	1.374	130.871
n-Propanol	2.466	216.785

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1384236	Vial:	24
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 2:47:19 PM
Data file:	C:\Chem32\1\Data\19Oct21\24.D	Analyst:	Canonico

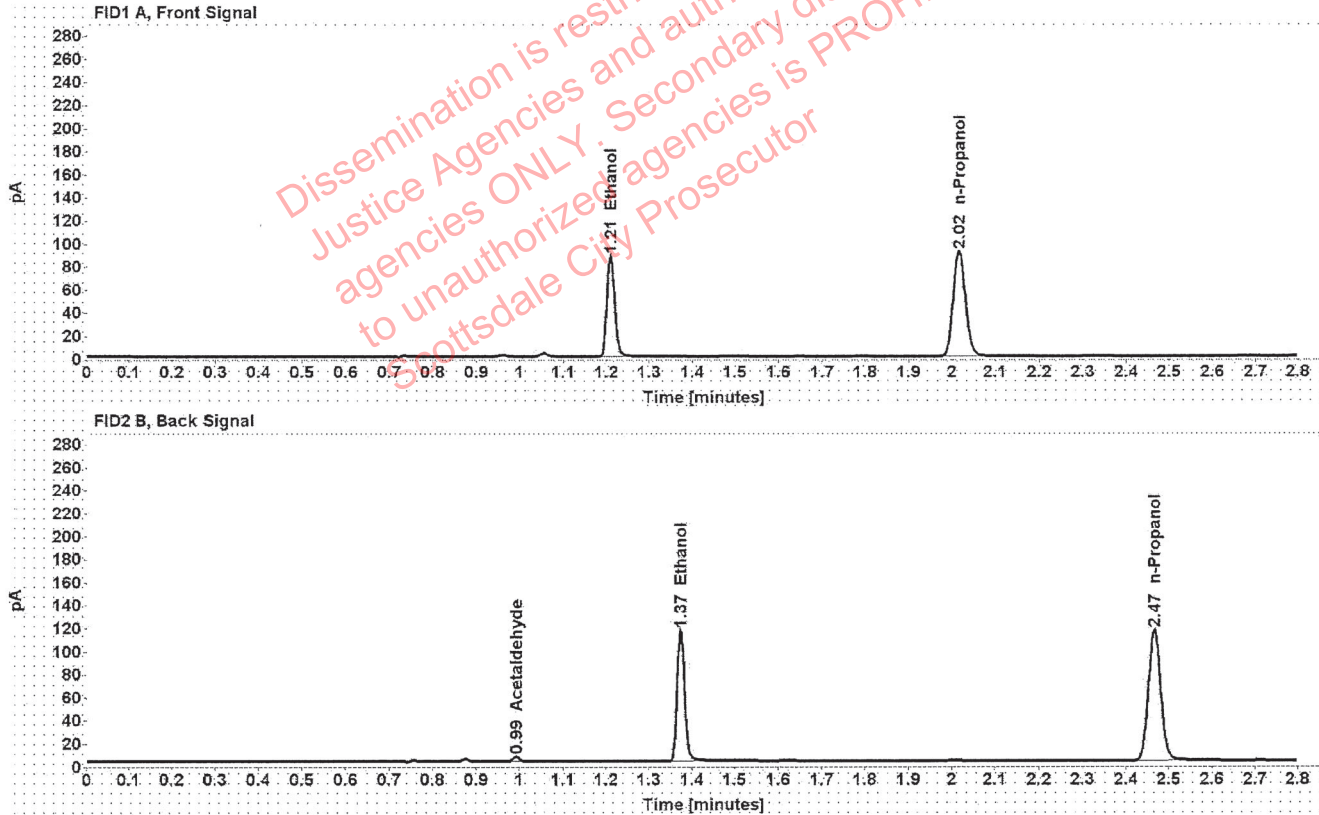


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1715	1.210	111.344
n-Propanol	-----	2.016	182.058

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.053
Ethanol	1.374	140.030
n-Propanol	2.466	228.613

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1392572	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 2:51:33 PM
Data file:	C:\Chem32\1\Data\19Oct21\25.D	Analyst:	Canonico

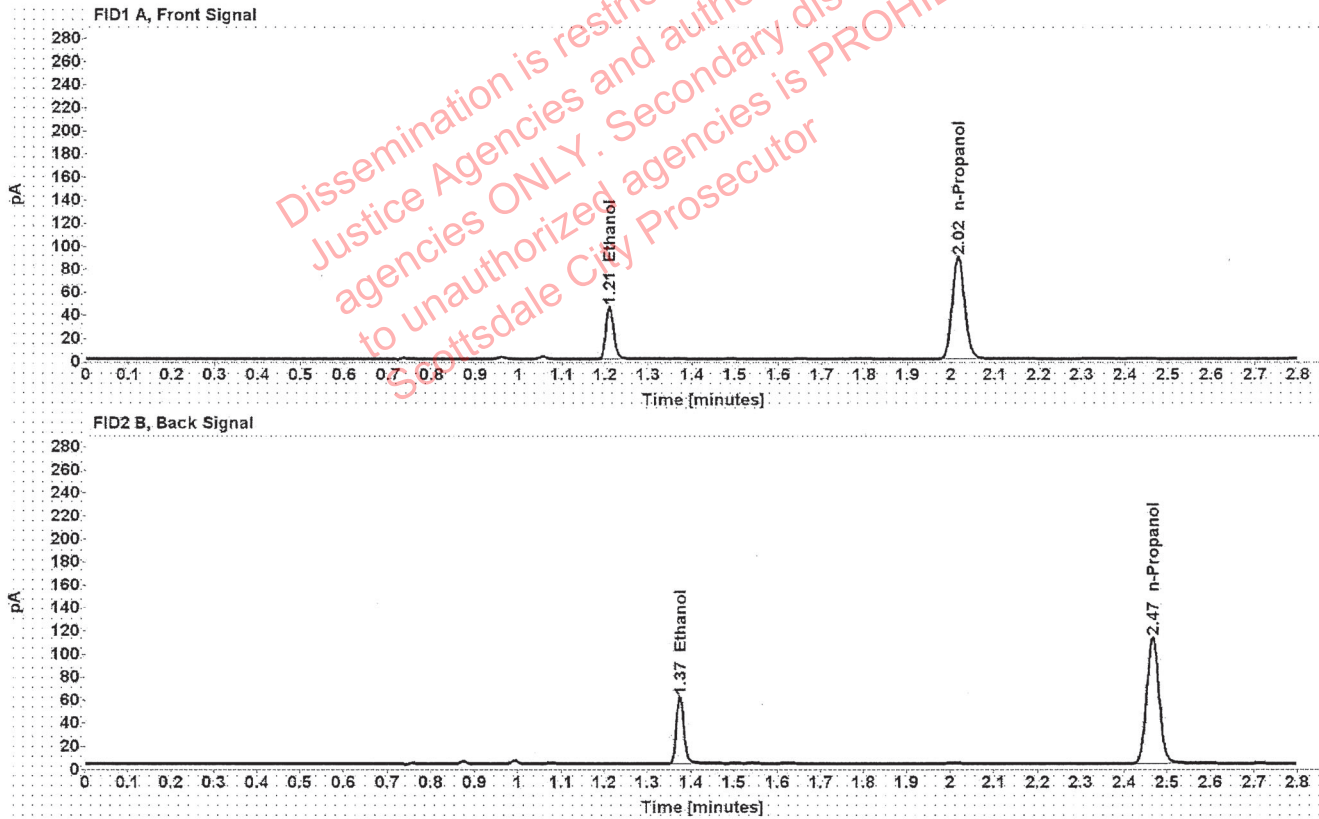


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0920	1.211	57.628
n-Propanol	-----	2.016	176.079

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

Compound	Time (min)	Peak Area
Ethanol	1.374	71.945
n-Propanol	2.466	221.312

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1392572	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 2:55:34 PM
Data file:	C:\Chem32\1\Data\19Oct21\26.D	Analyst:	Canonico

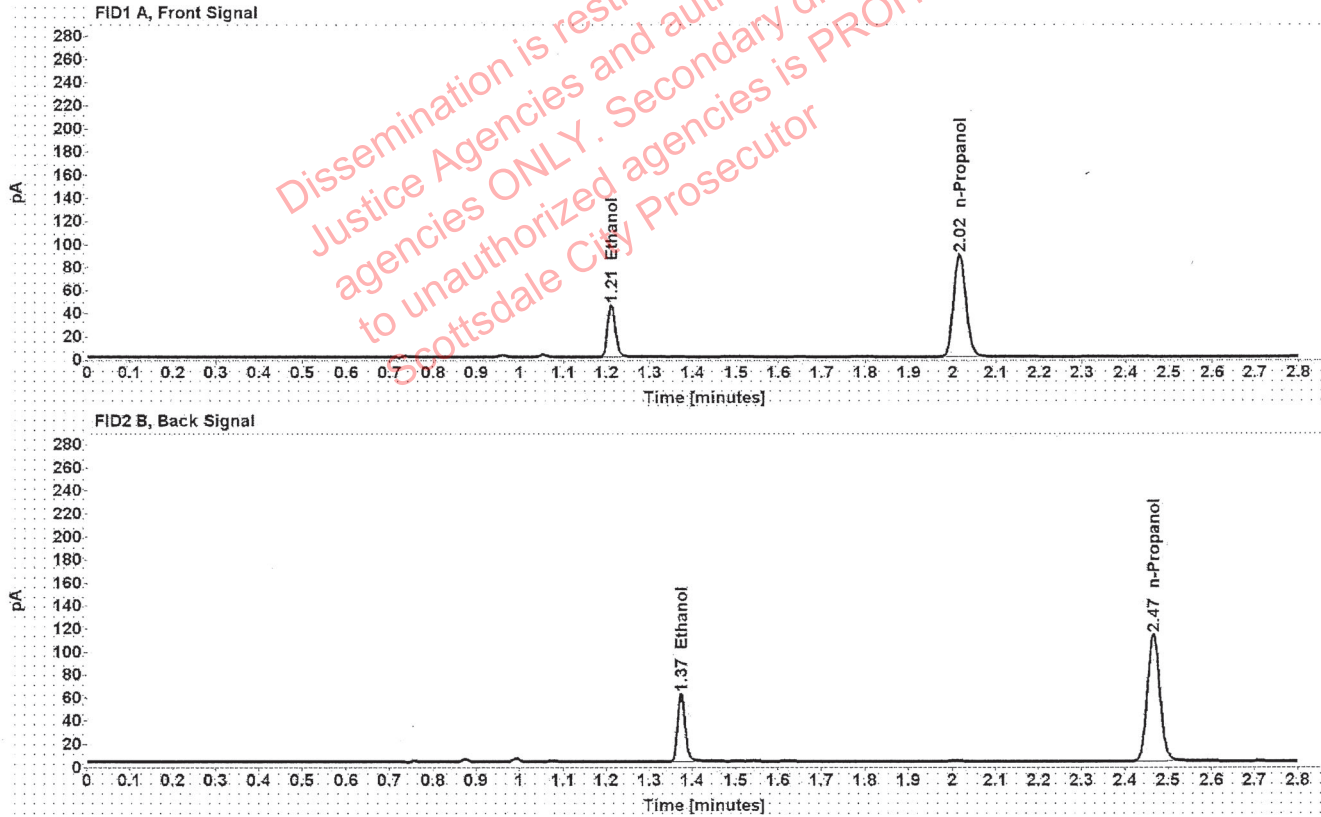


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0919	1.211	57.743
n-Propanol	-----	2.016	176.729

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

Compound	Time (min)	Peak Area
Ethanol	1.374	72.166
n-Propanol	2.466	222.056

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1392588	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 2:59:33 PM
Data file:	C:\Chem32\1\Data\19Oct21\27.D	Analyst:	Canonico

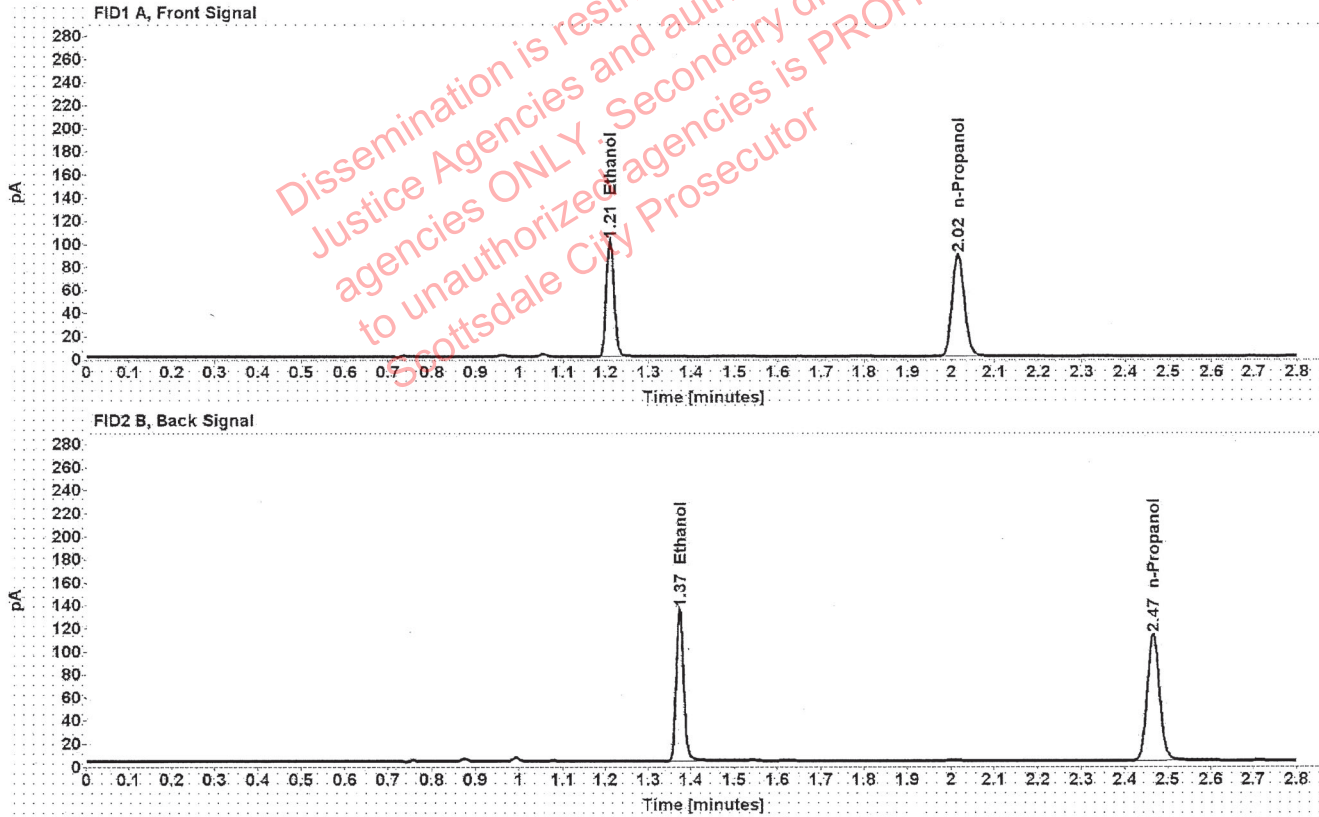


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2047	1.210	128.783
n-Propanol	-----	2.016	176.327

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

Compound	Time (min)	Peak Area
Ethanol	1.374	163.849
n-Propanol	2.466	221.504

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1392588	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 3:03:34 PM
Data file:	C:\Chem32\1\Data\19Oct21\28.D	Analyst:	Canonico

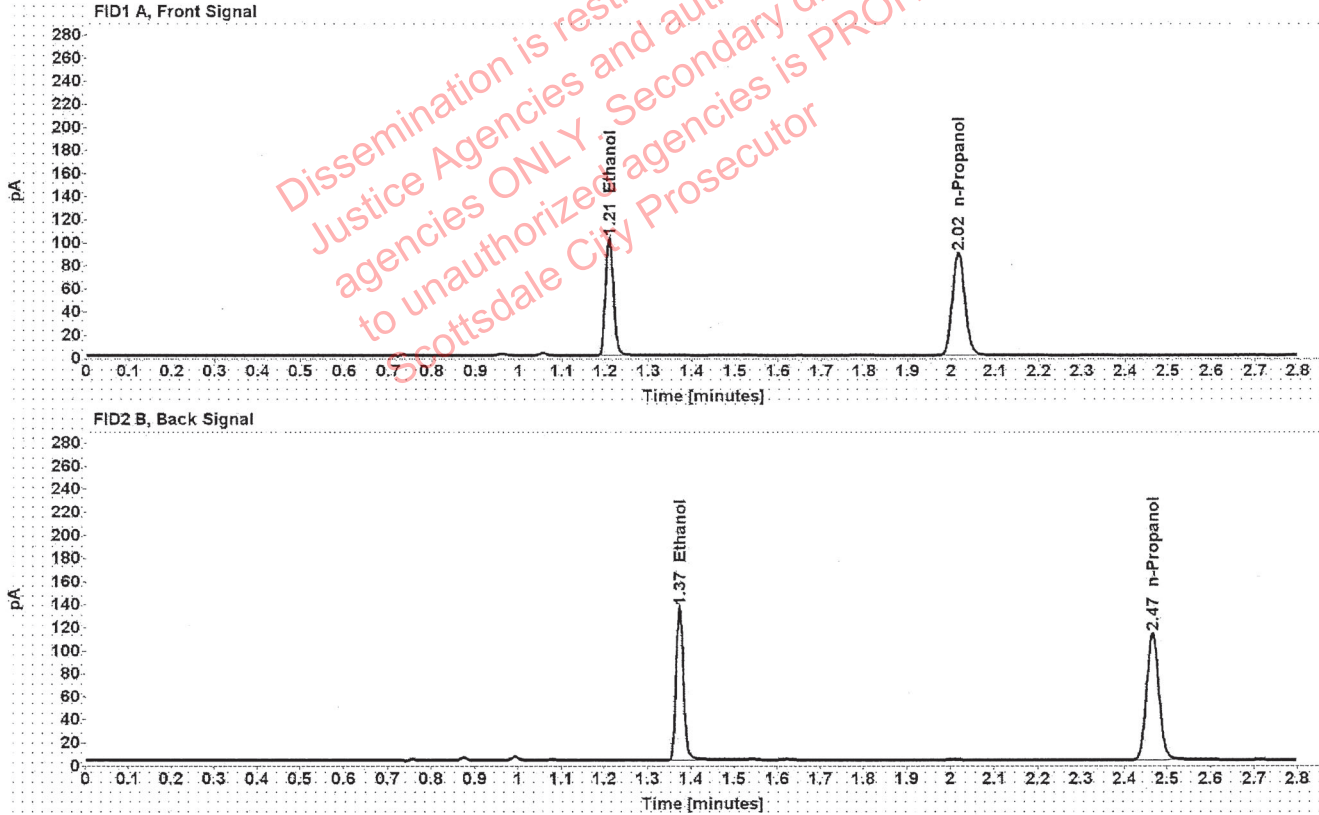


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2048	1.210	129.712
n-Propanol	-----	2.016	177.543

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

Compound	Time (min)	Peak Area
Ethanol	1.374	165.034
n-Propanol	2.466	223.250

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1390728	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 3:07:34 PM
Data file:	C:\Chem32\1\Data\19Oct21\29.D	Analyst:	Canonico

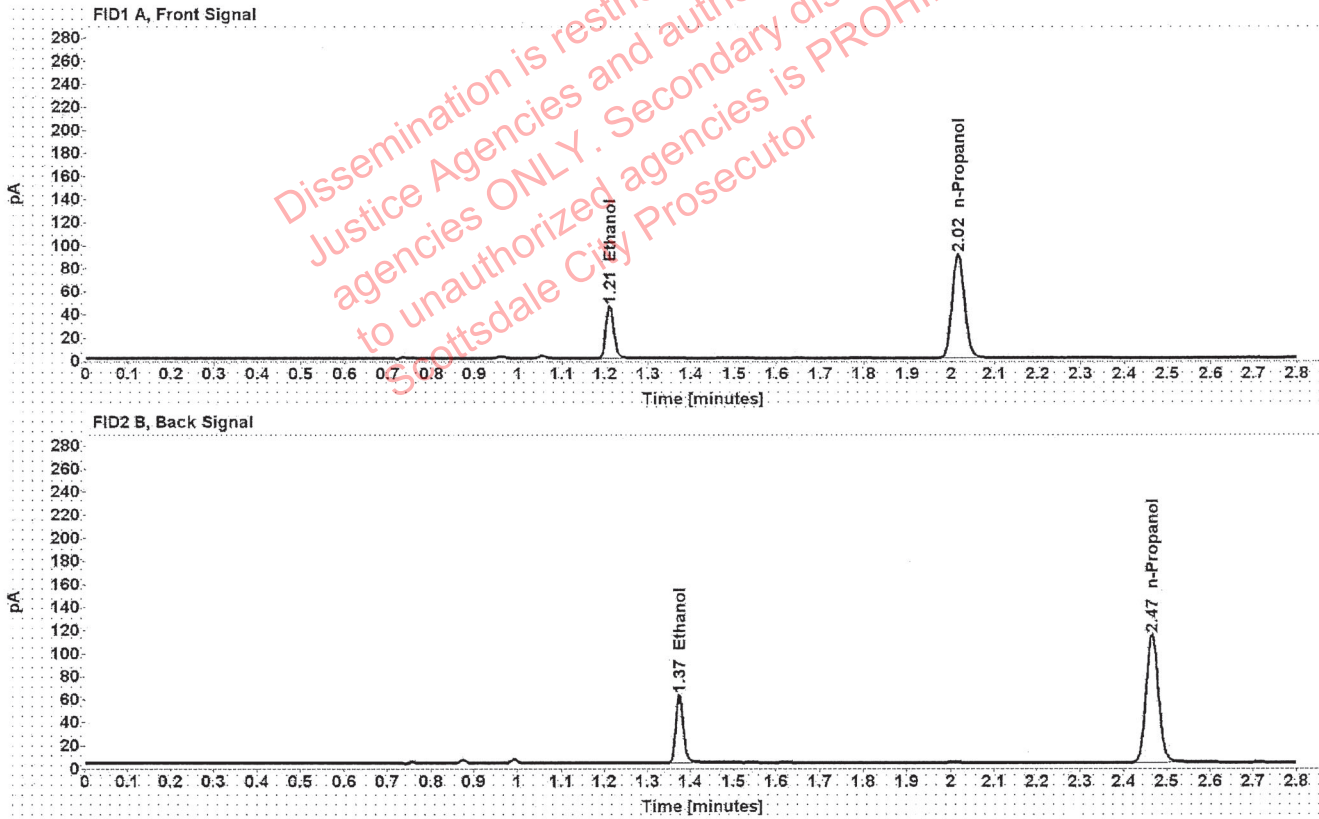


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0911	1.211	58.020
n-Propanol	-----	2.016	179.135

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

Compound	Time (min)	Peak Area
Ethanol	1.374	72.540
n-Propanol	2.466	224.902

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1390728	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 3:11:33 PM
Data file:	C:\Chem32\1\Data\19Oct21\30.D	Analyst:	Canonico

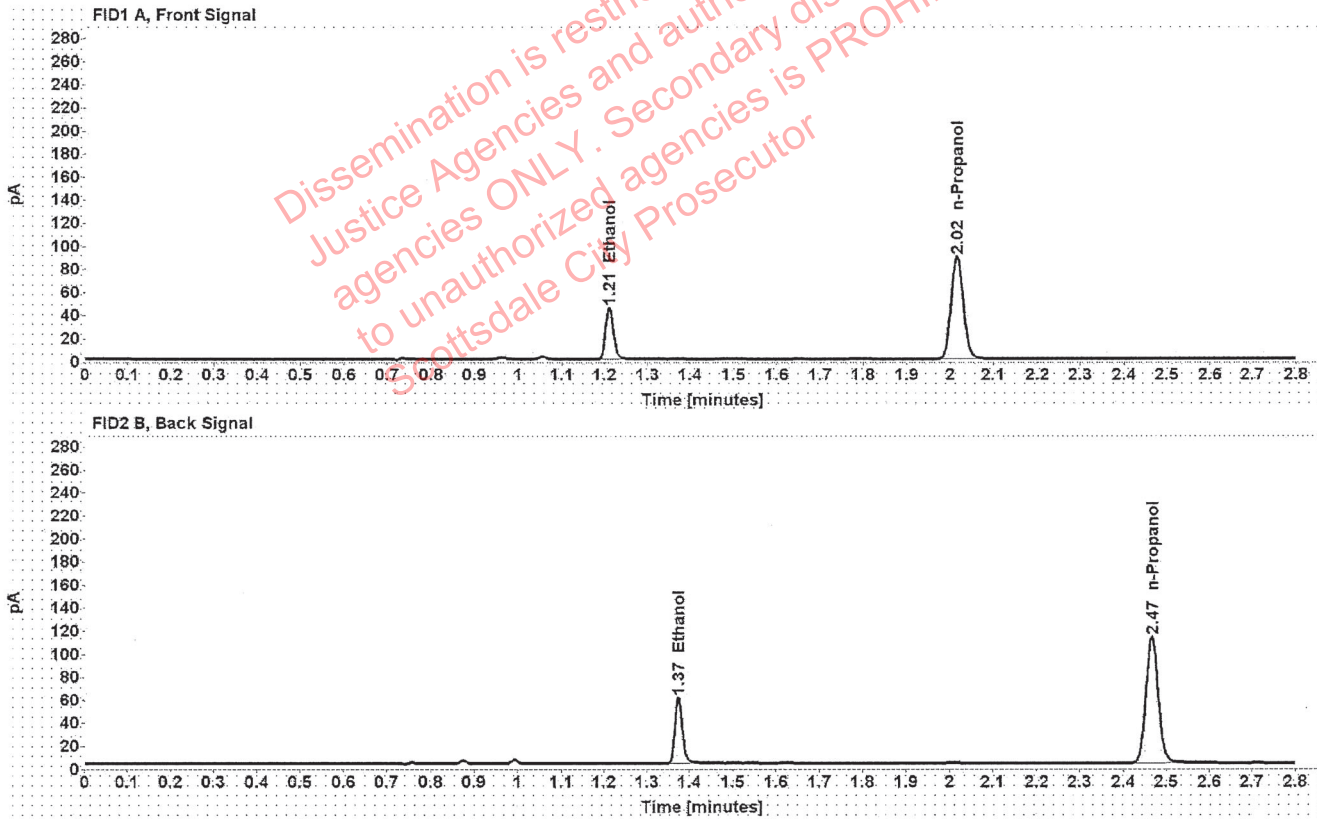


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0905	1.211	56.757
n-Propanol	-----	2.016	176.483

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

Compound	Time (min)	Peak Area
Ethanol	1.374	71.001
n-Propanol	2.466	221.550

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1391980	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 3:19:49 PM
Data file:	C:\Chem32\1\Data\19Oct21\32.D	Analyst:	Canonico

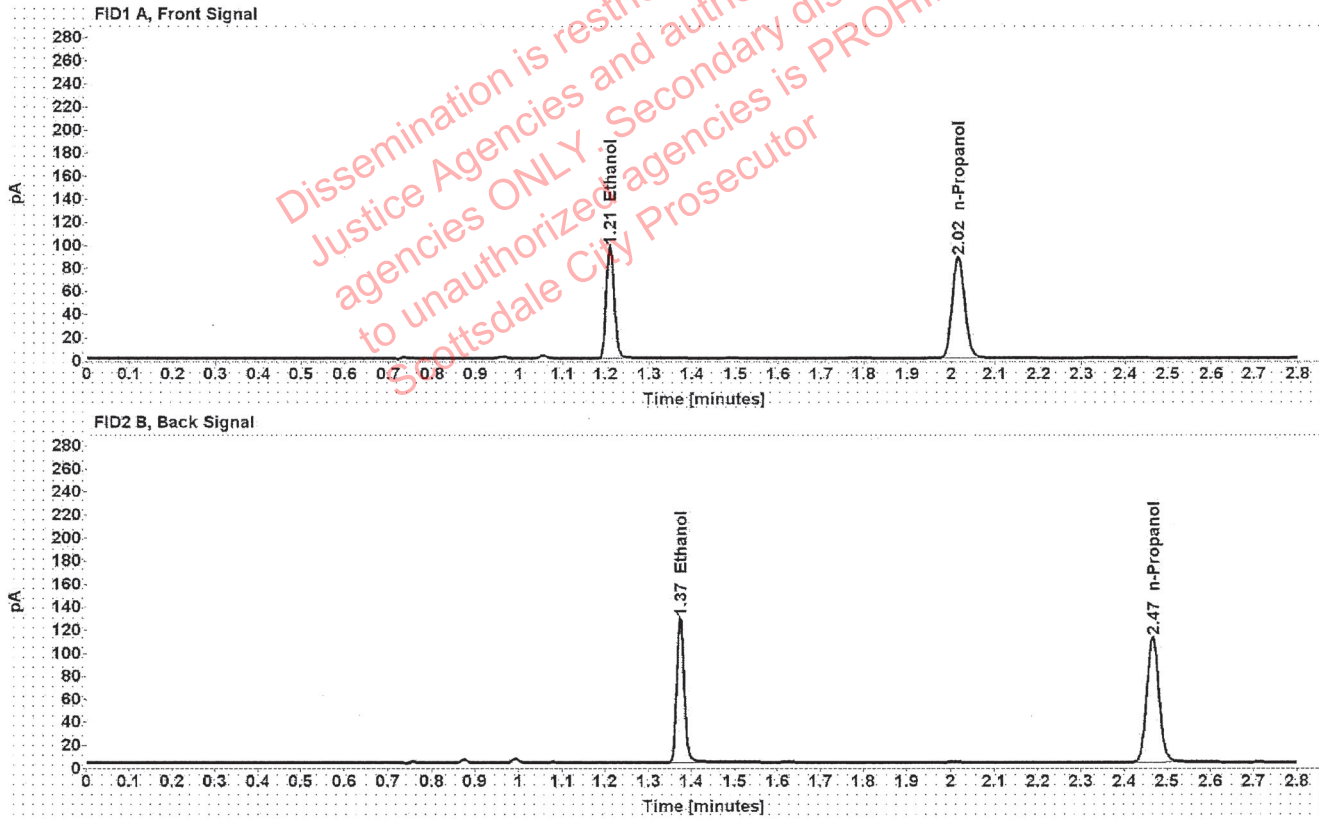


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1972	1.210	122.773
n-Propanol	-----	2.016	174.517

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

Compound	Time (min)	Peak Area
Ethanol	1.374	156.362
n-Propanol	2.466	219.007

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1391980	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 3:23:48 PM
Data file:	C:\Chem32\1\Data\19Oct21\33.D	Analyst:	Canonico

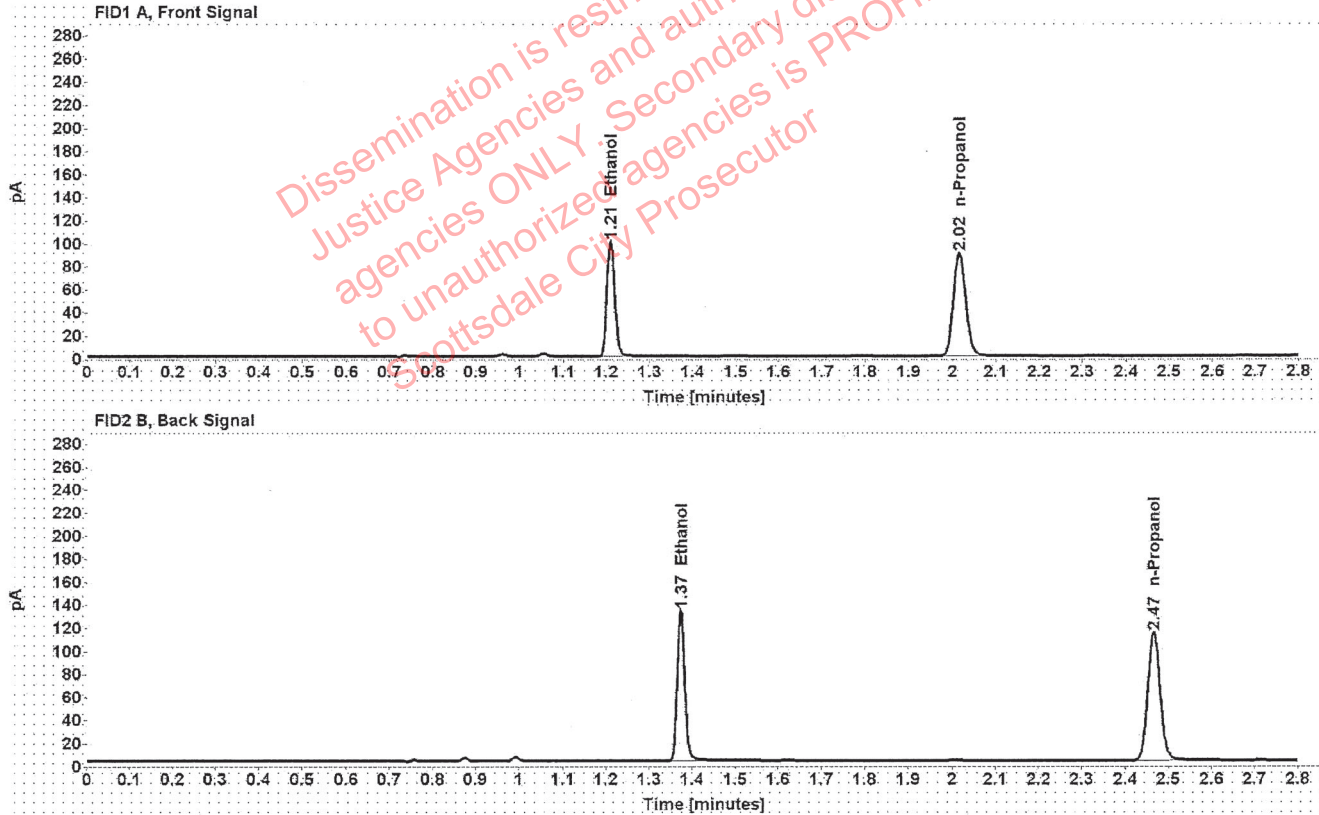


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2000	1.210	127.318
n-Propanol	-----	2.016	178.412

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

Compound	Time (min)	Peak Area
Ethanol	1.374	162.011
n-Propanol	2.466	223.938

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1393318	Vial:	34
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 3:27:49 PM
Data file:	C:\Chem32\1\Data\19Oct21\34.D	Analyst:	Canonico

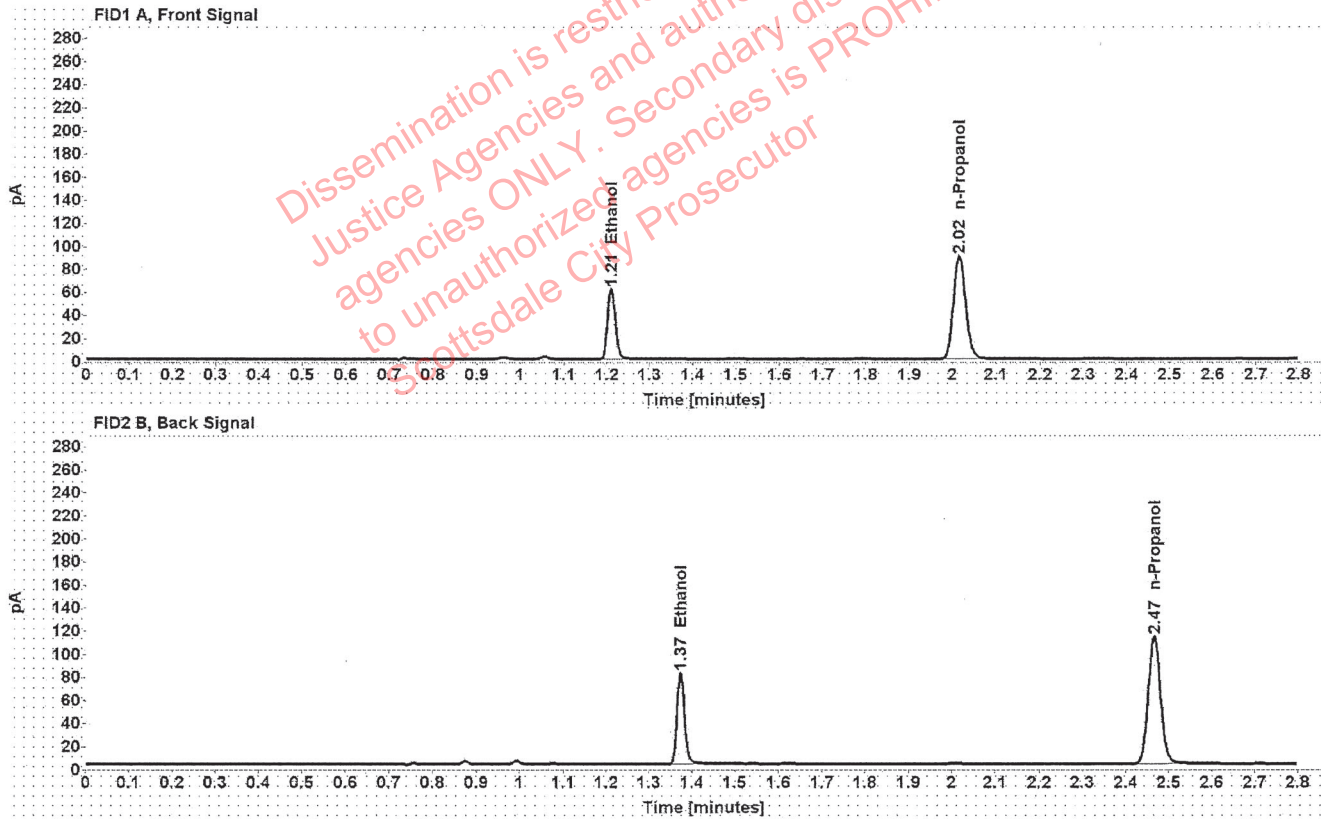


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1230	1.210	77.931
n-Propanol	-----	2.016	177.872

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

Compound	Time (min)	Peak Area
Ethanol	1.374	97.874
n-Propanol	2.466	223.215

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1393318	Vial:	35
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 3:31:48 PM
Data file:	C:\Chem32\1\Data\19Oct21\35.D	Analyst:	Canonico

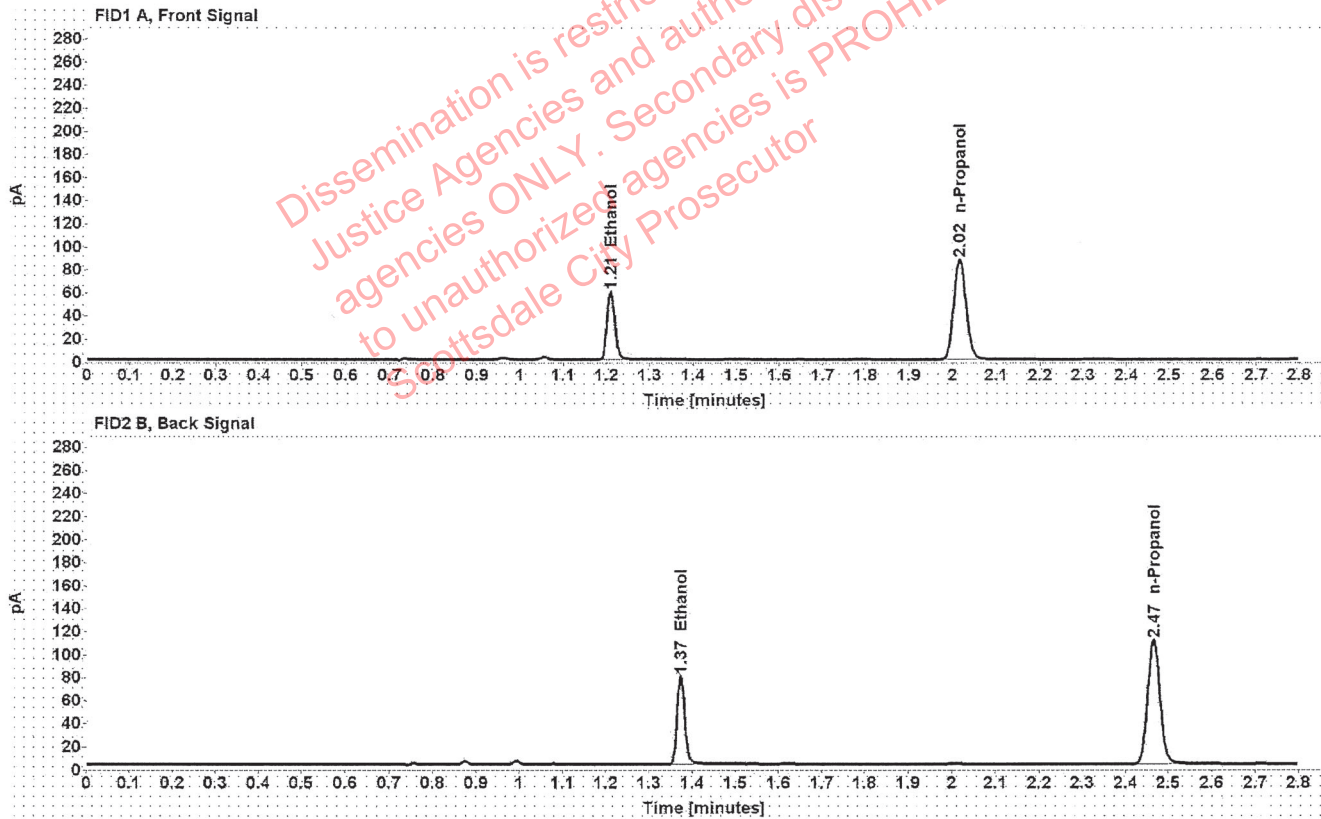


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1217	1.210	75.095
n-Propanol	-----	2.016	173.308

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

Compound	Time (min)	Peak Area
Ethanol	1.374	94.278
n-Propanol	2.466	217.721

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1390655	Vial:	36
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 3:35:49 PM
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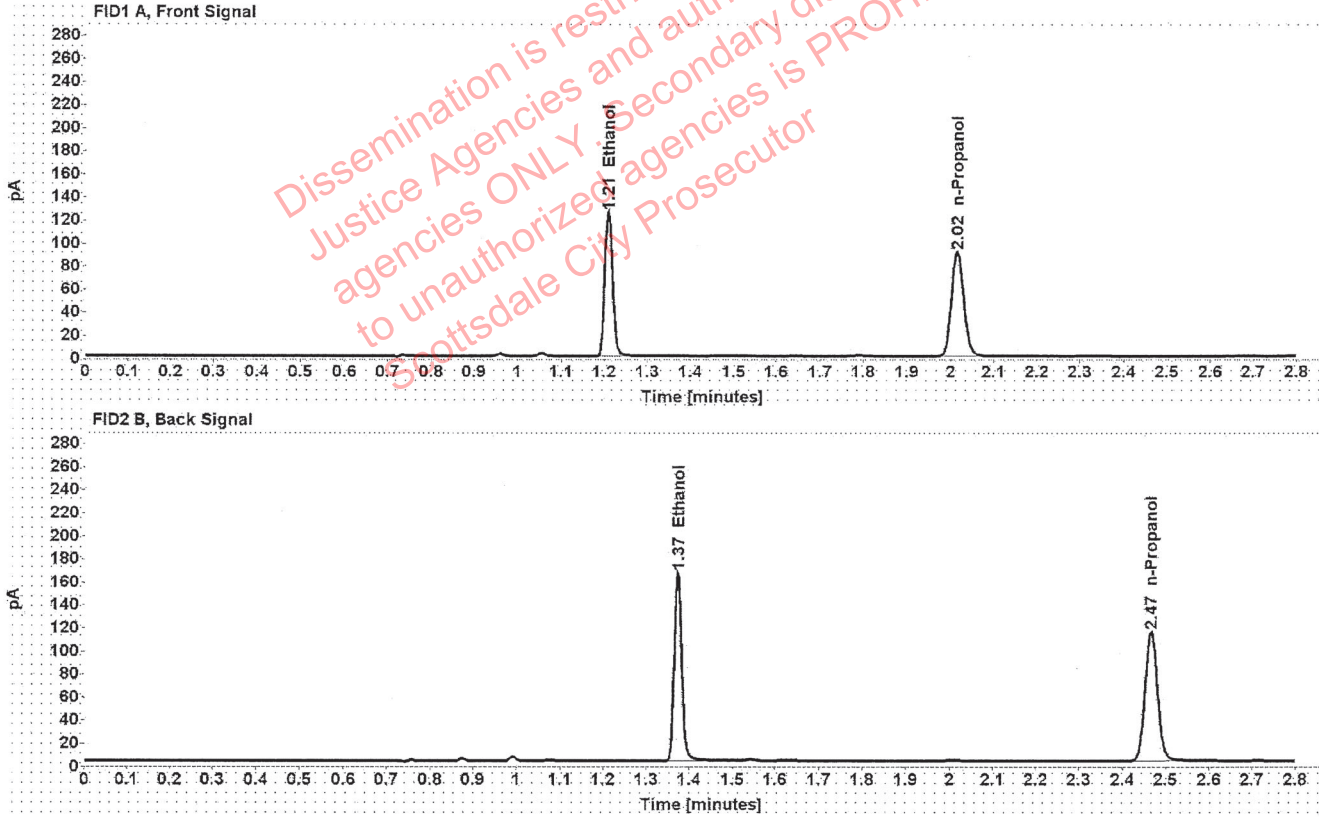


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2470	1.210	159.414
n-Propanol	-----	2.016	180.763

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

Compound	Time (min)	Peak Area
Ethanol	1.373	202.488
n-Propanol	2.466	227.160

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1390655	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19Oct21
Instrument:	US14173023 CN14160045	Injection date:	10/19/2021 3:40:03 PM
Data file:	C:\Chem32\1\Data\19Oct21\37.D	Analyst:	Canonico

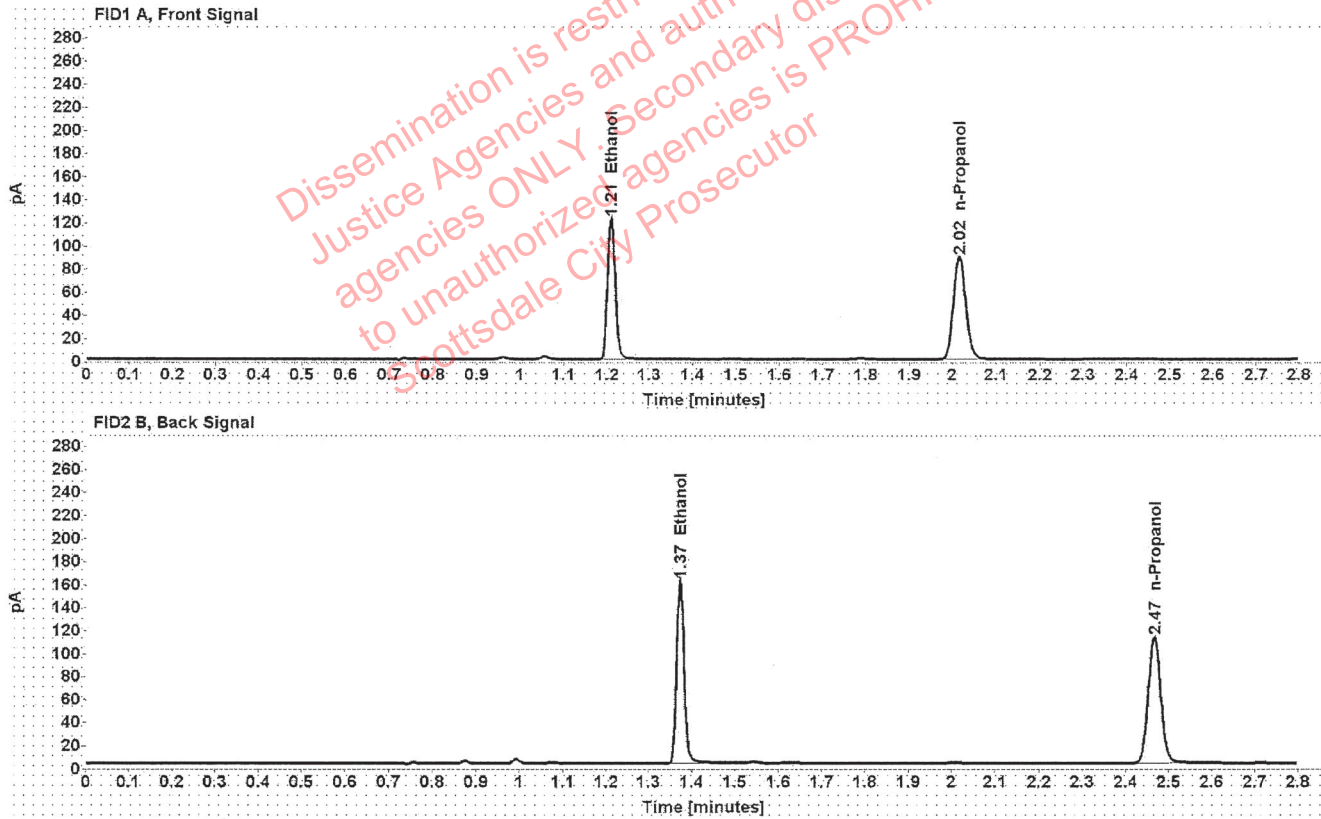


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2461	1.210	155.318
n-Propanol	-----	2.016	176.770

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

Compound	Time (min)	Peak Area
Ethanol	1.374	197.201
n-Propanol	2.466	221.940