

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 01/27/2020 SEQUENCE NAME 27Jan20

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03241604 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN02271802 1.00000
 Vial 3 0.20 calibrator Lot FN06231704
 Vial 4 0.40 calibrator Lot FN05131606

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 121219
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 070819
7	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.198 g/dL	0.200 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.150 g/dL	0.152 g/dL	Lipomed 09022015-C
40	Aqueous control	0.400 g/dL	0.408 g/dL	Lipomed 11092018-A
41	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
42	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/13
43	Blank	Not detected	Not detected	SPD lab 040919WB

SUBJECT SAMPLES

Subjects in the sequence 14 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Erika Cammicio Analyst
 Run valid Run invalid KOSECKI Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

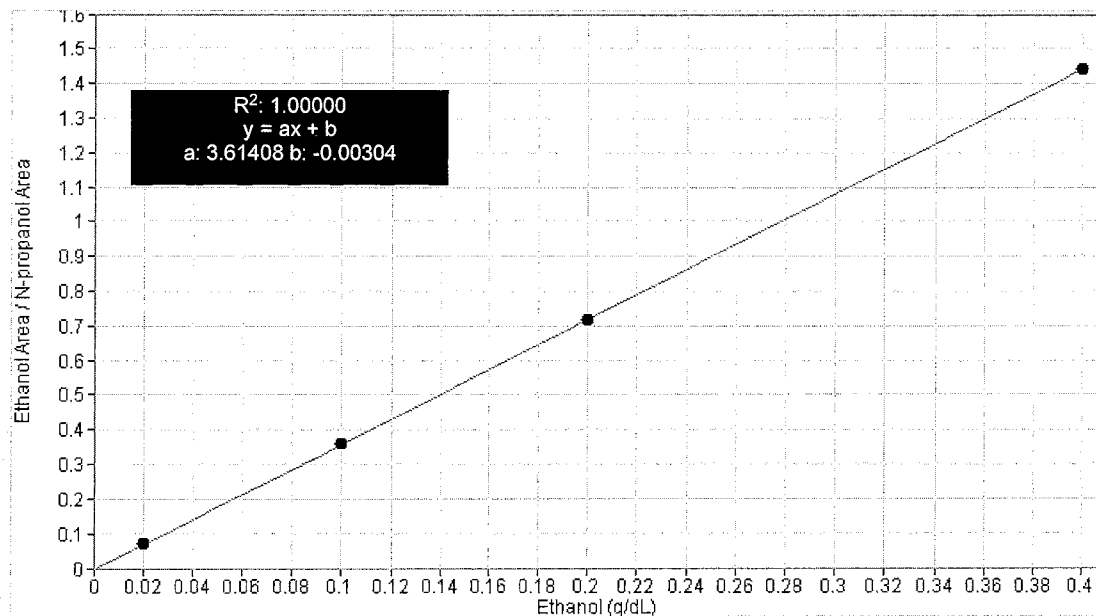
SEQUENCE NAME: 27Jan20

ANALYST: Canonico

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 121219	5	negative	negative	-	-
0.400 11092018-A	7	0.402	0.400	0.50	0.002
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.198 407041529/13	9	0.200	0.198	1.01	0.002
0.080 03102016-A/1	20	0.081	0.080	1.25	0.001
0.150 09022015-C	31	0.152	0.150	1.33	0.002
0.400 11092018-A	40	0.408	0.400	2.00	0.008
0.040 14082019-B	41	0.040	0.040	0.00	0.000
0.198 407041529/13	42	0.199	0.198	0.51	0.001
blank 040919WB	43	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.945	171.033	0.070
0.100	60.480	168.713	0.359
0.200	120.934	168.326	0.719
0.400	246.989	171.141	1.443

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03241604	Vial: 1
Description: 0.020 calibrator	Sequence: 27Jan20
Method: ethanol quant.M	Injection date: 1/27/2020 12:42:16 PM
Instrument: US14173023 CN14160045	Analyst: Canonico
Data file: C:\Chem32\1\Data\27Jan20\1.D	

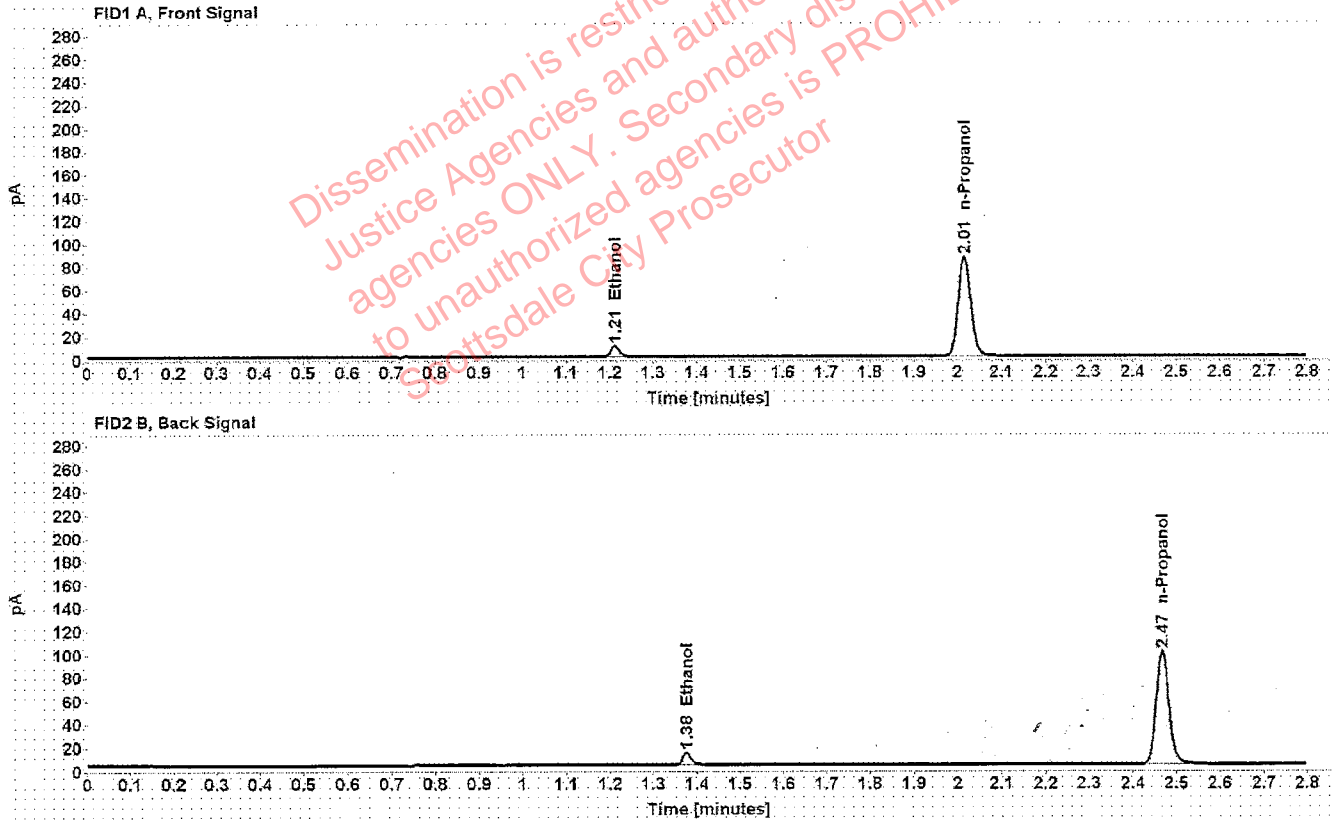


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.945
n-Propanol	2.015	171.033

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

Compound	Time (min)	Peak Area
Ethanol	1.376	14.263
n-Propanol	2.467	200.571

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02271802	Vial: 2
Description: 0.100 calibrator	Sequence: 27Jan20
Method: ethanol quant.M	Injection date: 1/27/2020 12:46:16 PM
Instrument: US14173023 CN14160045	Analyst: Canonico <i>sc</i>
Data file: C:\Chem32\1\Data\27Jan20\2.D	

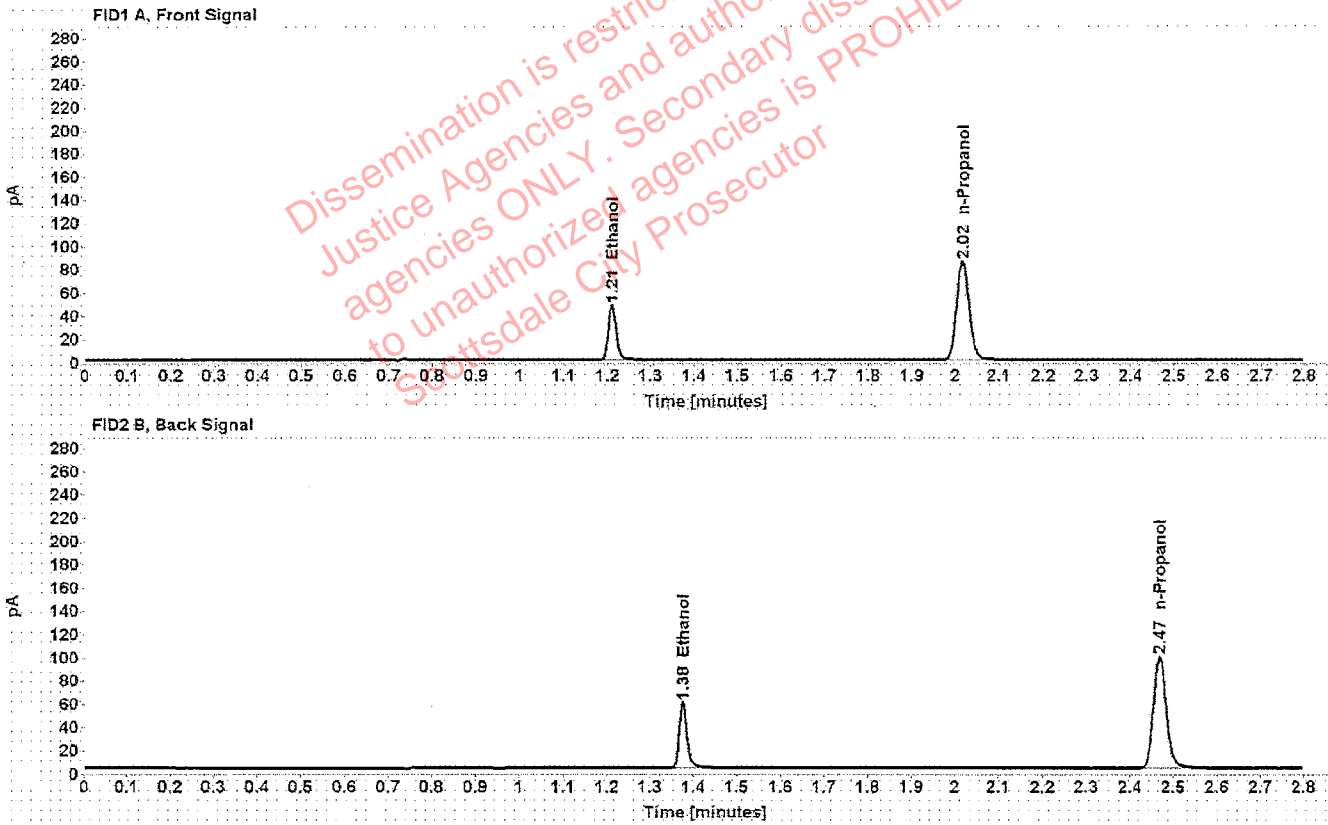


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	60.480
n-Propanol	2.016	168.713

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

Compound	Time (min)	Peak Area
Ethanol	1.376	73.321
n-Propanol	2.469	198.300

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06231704	Vial: 3
Description: 0.200 calibrator	Sequence: 27Jan20
Method: ethanol quant.M	Injection date: 1/27/2020 12:50:16 PM
Instrument: US14173023 CN14160045	Analyst: Canonico <i>ec</i>
Data file: C:\Chem32\1\Data\27Jan20\3.D	

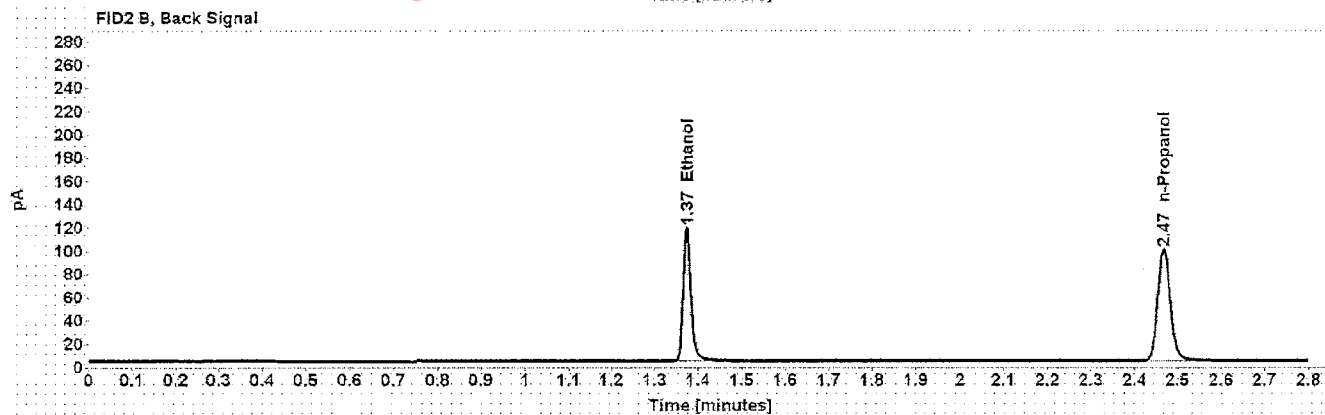
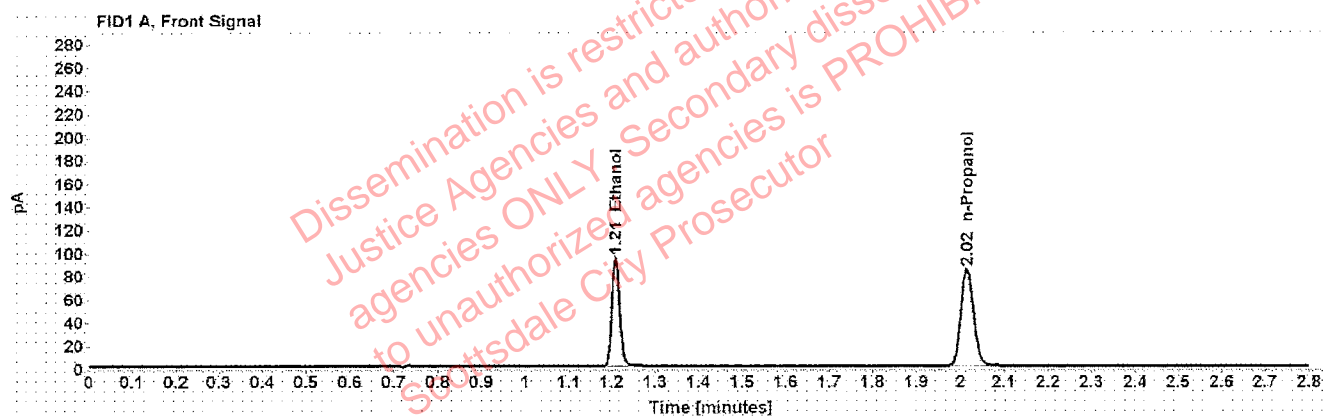


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	120.934
n-Propanol	2.015	168.326

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

Compound	Time (min)	Peak Area
Ethanol	1.374	147.431
n-Propanol	2.468	198.871

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05131606	Vial: 4
Description: 0.400 calibrator	Sequence: 27Jan20
Method: ethanol quant.M	Injection date: 1/27/2020 12:54:16 PM
Instrument: US14173023 CN14160045	Analyst: Canonico ec
Data file: C:\Chem32\1\Data\27Jan20\4.D	

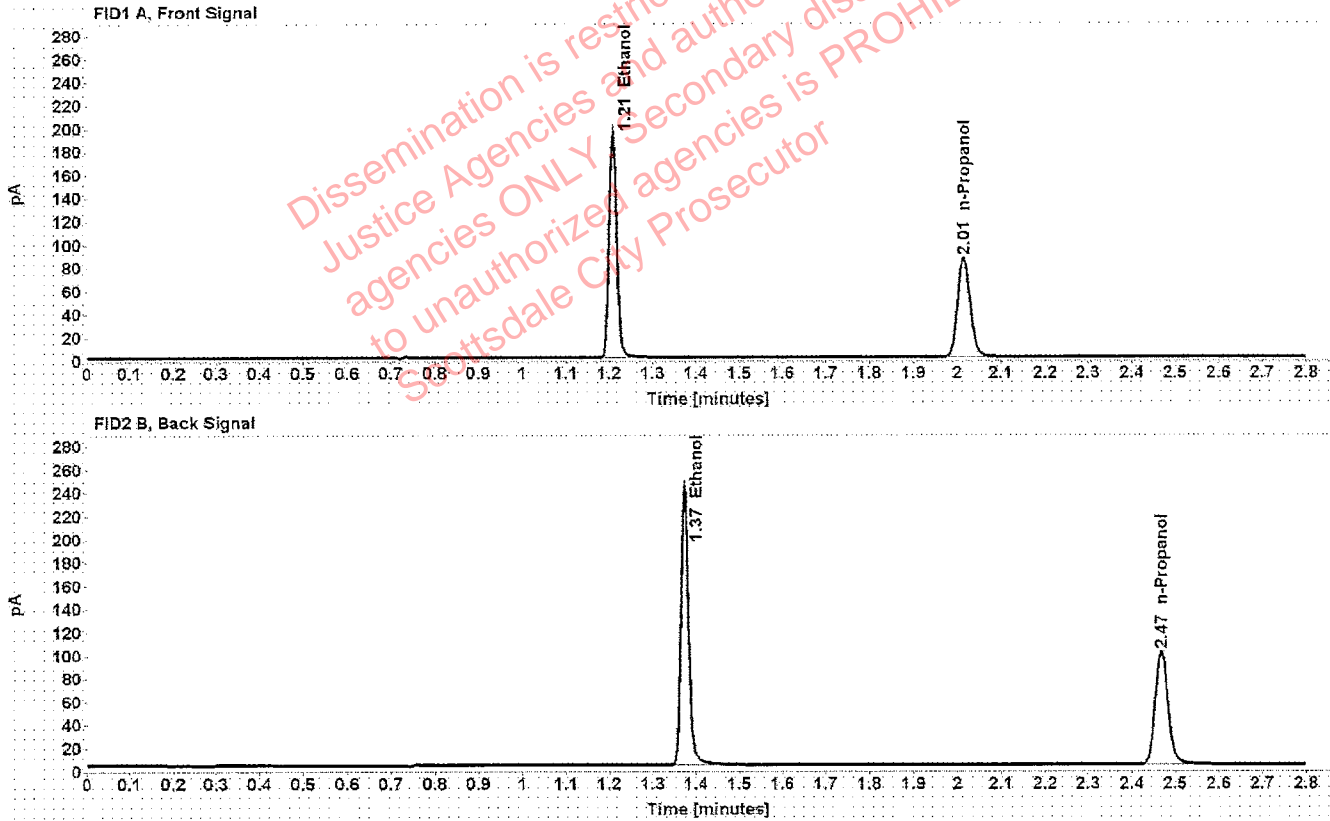


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	246.989
n-Propanol	2.015	171.141

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

Compound	Time (min)	Peak Area
Ethanol	1.373	303.515
n-Propanol	2.468	202.958

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 121219	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 27Jan20
Instrument: US14173023 CN14160045	Injection date: 1/27/2020 12:58:16 PM
Data file: C:\Chem32\1\Data\27Jan20\5.D	Analyst: Canonico <i>EC</i>

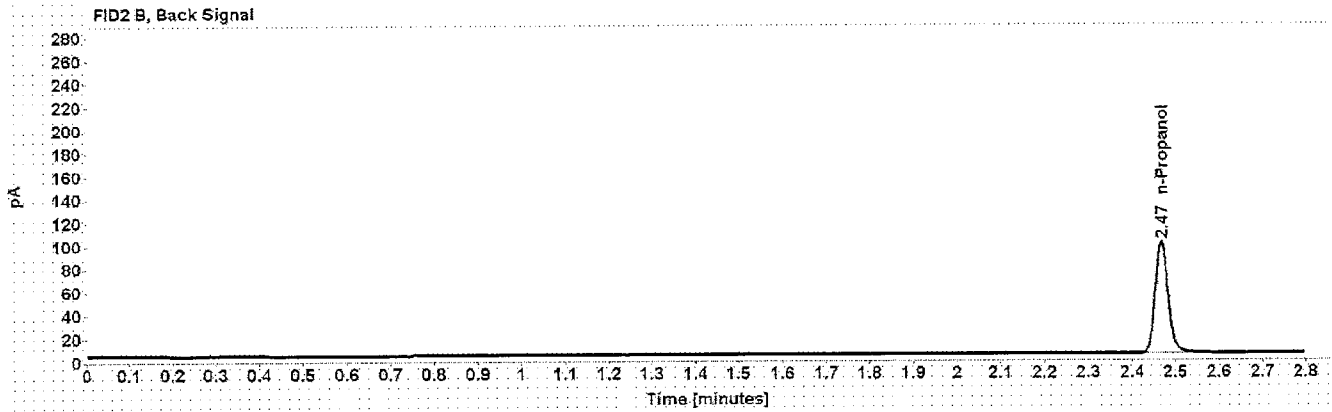
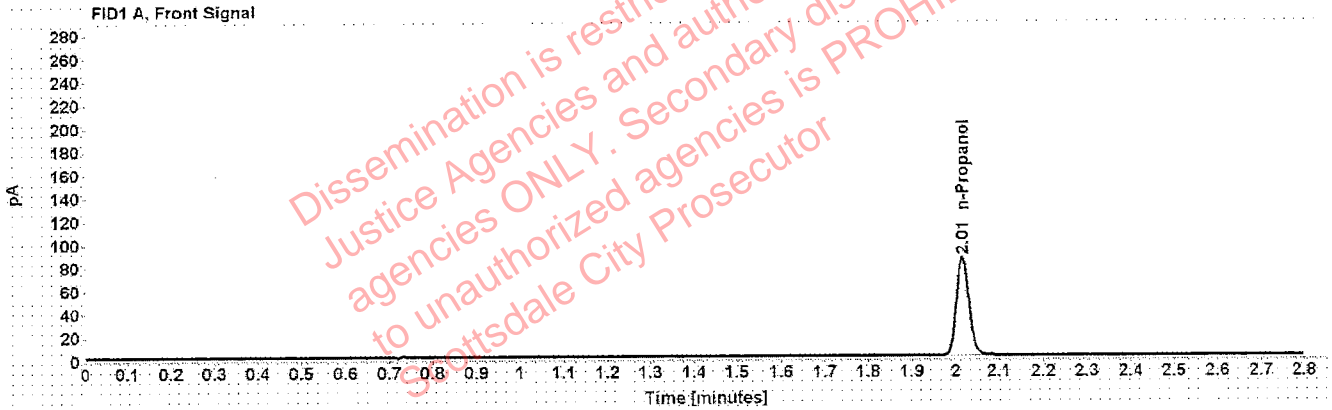


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	169.552

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	199.717

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 070819	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 27Jan20
Instrument: US14173023 CN14160045	Injection date: 1/27/2020 1:02:16 PM
Data file: C:\Chem32\1\Data\27Jan20\6.D	Analyst: Canonico <i>CC</i>

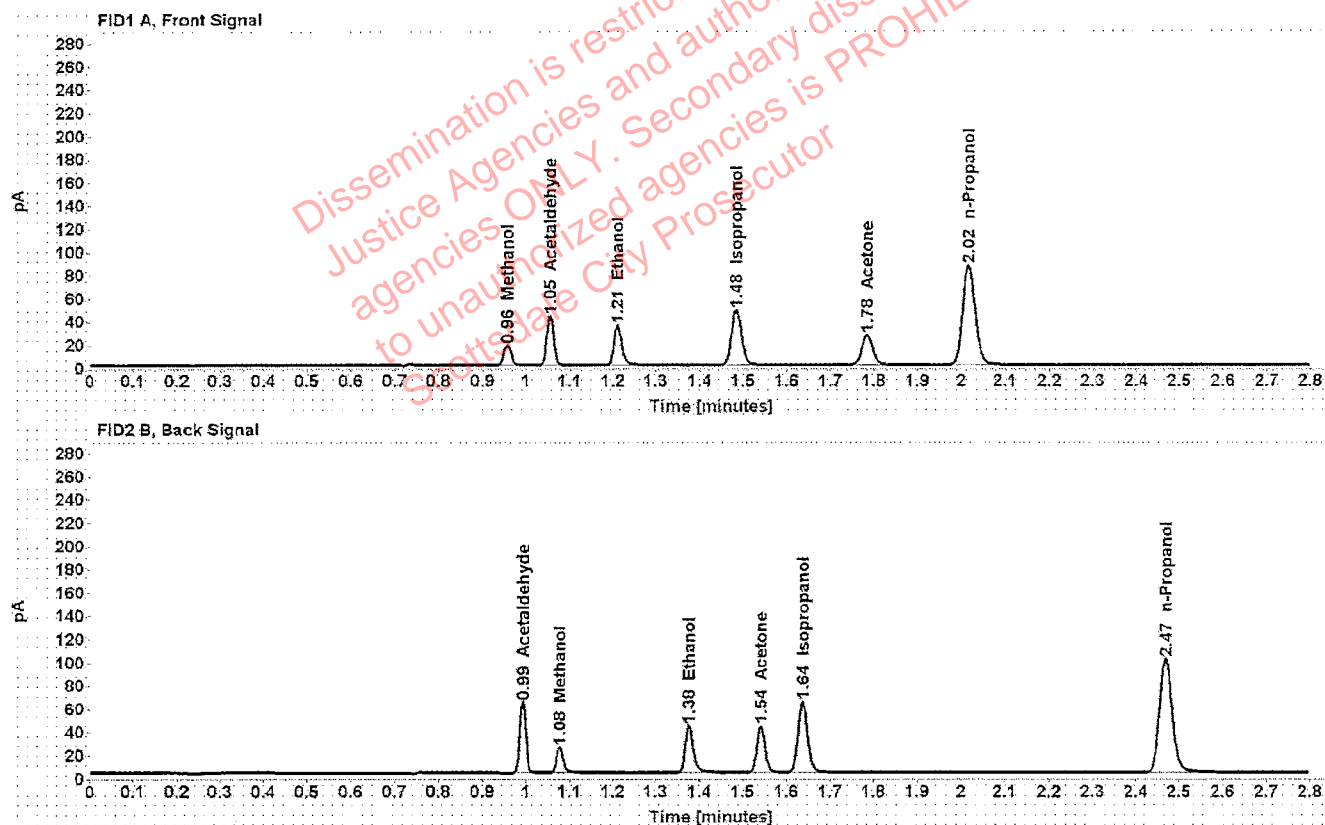


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	19.380
Acetaldehyde	-----	1.055	46.397
>Ethanol	0.0711	1.211	43.624
Isopropanol	-----	1.484	76.128
Acetone	-----	1.784	44.953
n-Propanol	-----	2.016	171.840

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	60.002
Methanol	1.078	24.578
Ethanol	1.376	52.549
Acetone	1.542	53.627
Isopropanol	1.638	94.468
n-Propanol	2.469	203.769

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 27Jan20
Instrument: US14173023 CN14160045	Injection date: 1/27/2020 1:06:31 PM
Data file: C:\Chem32\1\Data\27Jan20\7.D	Analyst: Canonico <i>CC</i>

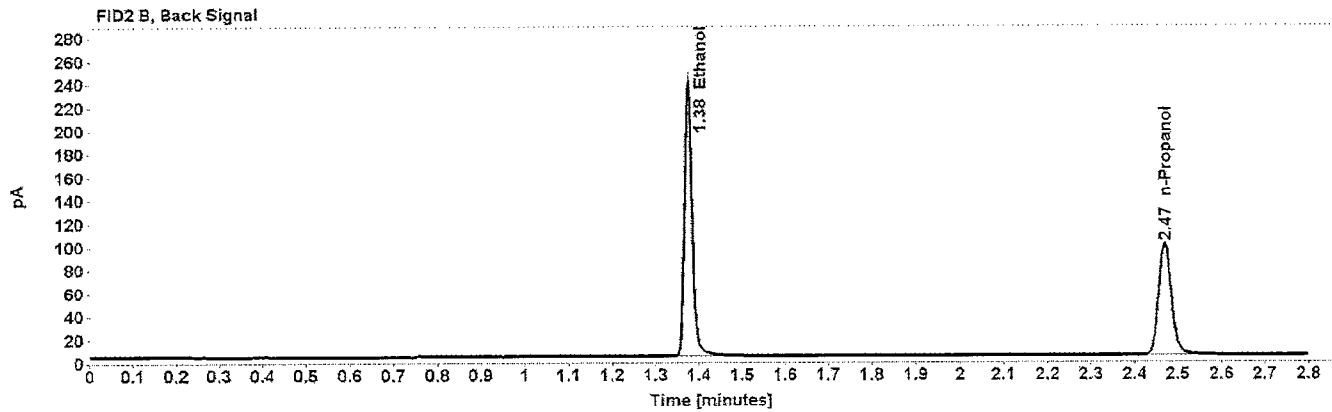
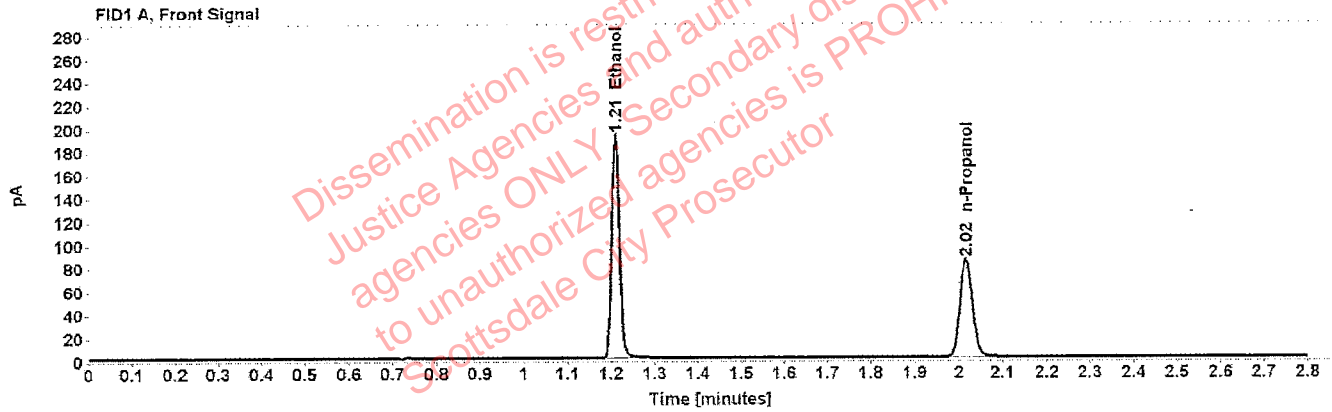


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4029	1.209	245.165
n-Propanol	-----	2.016	168.726

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

Compound	Time (min)	Peak Area
Ethanol	1.375	301.117
n-Propanol	2.469	199.366

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 1:10:31 PM
Data file:	C:\Chem32\1\Data\27Jan20\8.D	Analyst:	Canonico <i>cc</i>

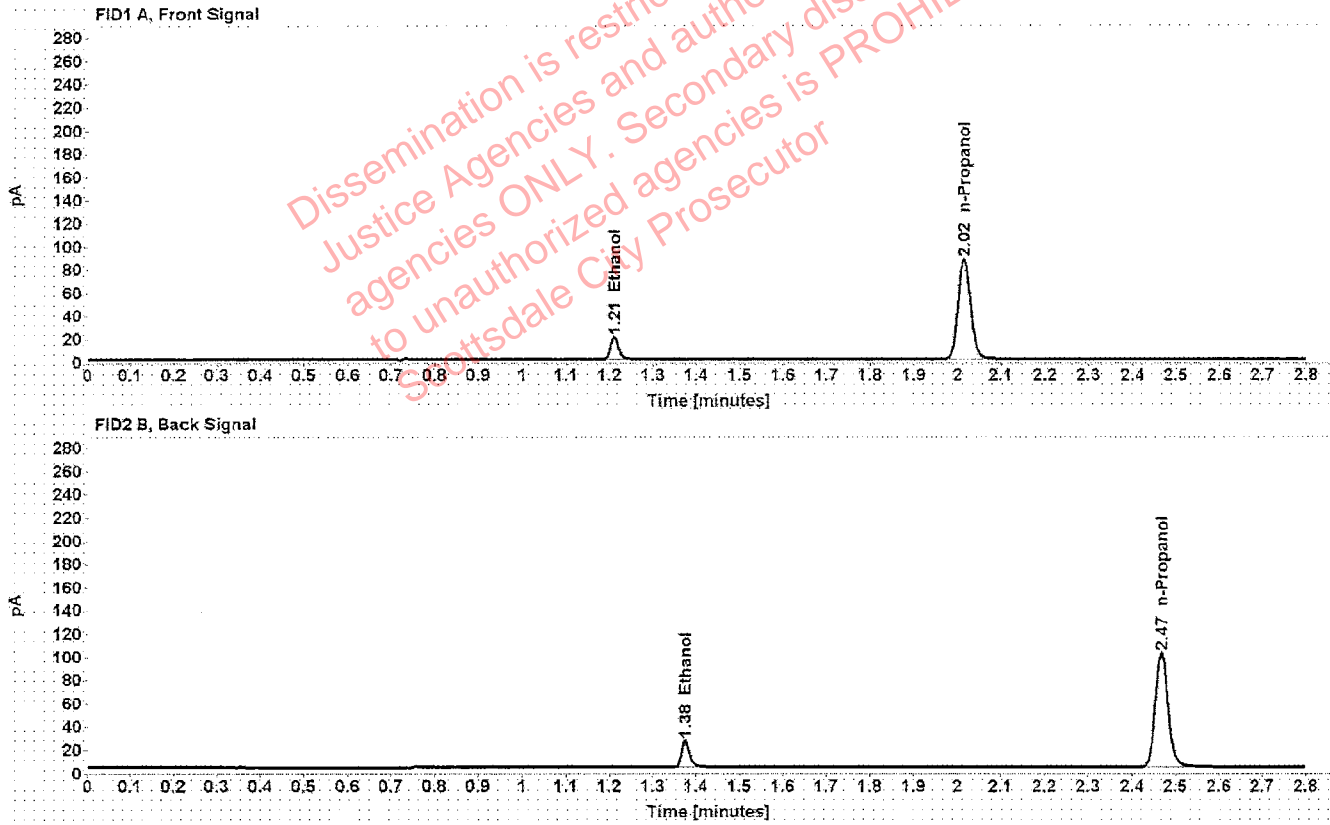


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0407	1.211	24.983
n-Propanol	-----	2.015	173.266

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

Compound	Time (min)	Peak Area
Ethanol	1.375	30.029
n-Propanol	2.468	204.286

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 27Jan20
Instrument: US14173023 CN14160045	Injection date: 1/27/2020 1:14:32 PM
Data file: C:\Chem32\1\Data\27Jan20\9.D	Analyst: Canonico ee

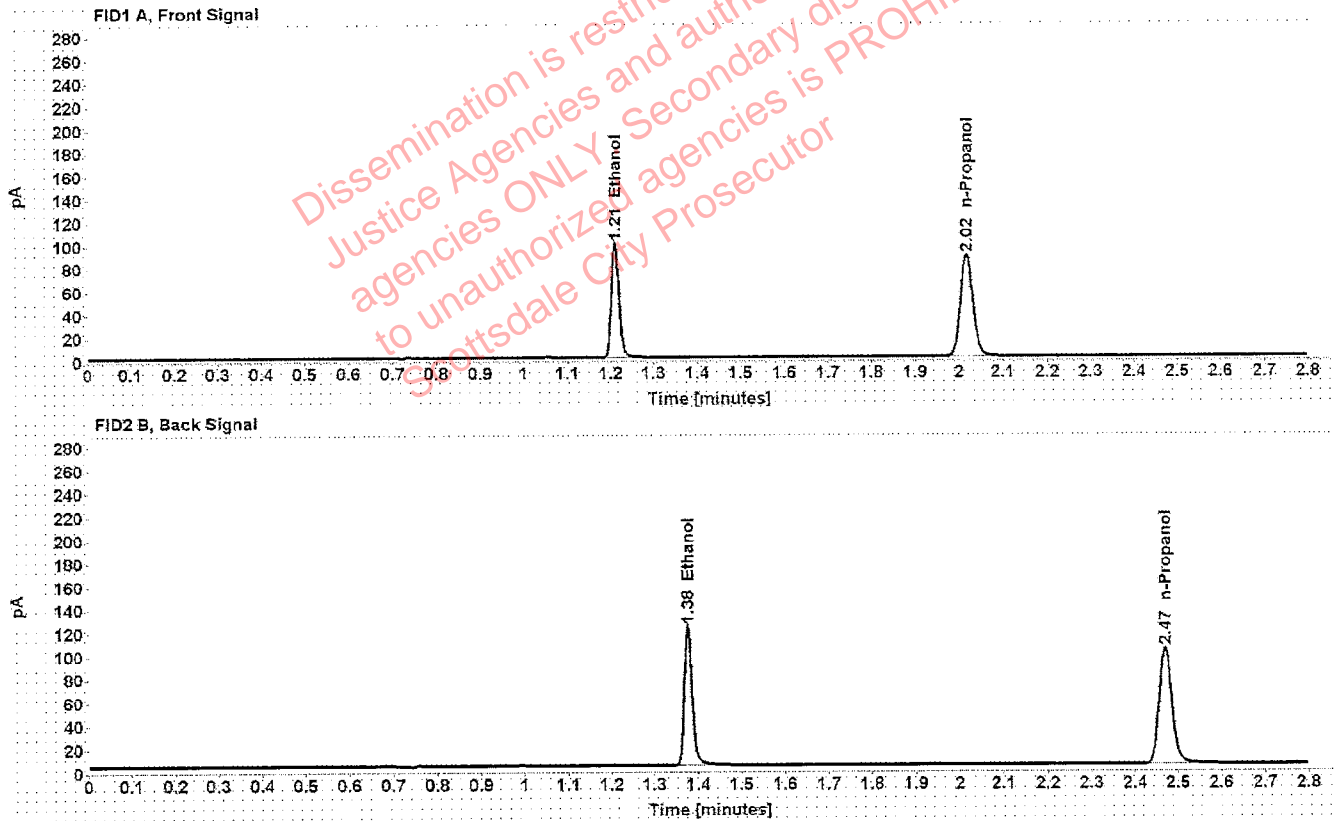


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2004	1.210	126.595
n-Propanol	-----	2.016	175.567

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

Compound	Time (min)	Peak Area
Ethanol	1.376	154.220
n-Propanol	2.470	207.791

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	03102016-A/1	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 1:59:02 PM
Data file:	C:\Chem32\1\Data\27Jan20\20.D	Analyst:	Canonico <i>cc</i>

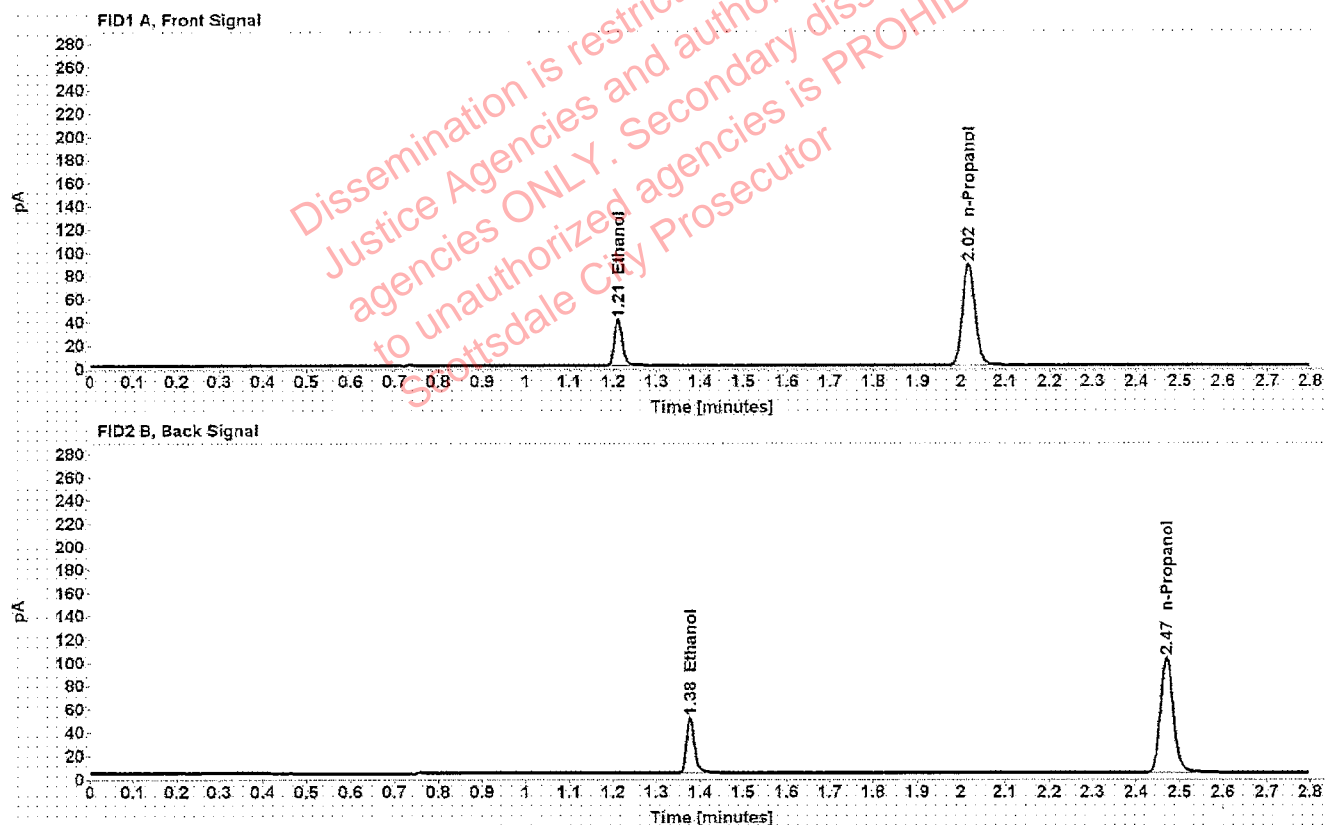


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0815	1.211	50.957
n-Propanol	-----	2.017	174.709

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

Compound	Time (min)	Peak Area
Ethanol	1.377	61.867
n-Propanol	2.470	206.062

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 09022015-C	Vial: 31
Description: 0.150	LIMS ID:
Method: ethanol quant.M	Sequence: 27Jan20
Instrument: US14173023 CN14160045	Injection date: 1/27/2020 2:43:31 PM
Data file: C:\Chem32\1\Data\27Jan20\31.D	Analyst: Canonico <i>EQ</i>

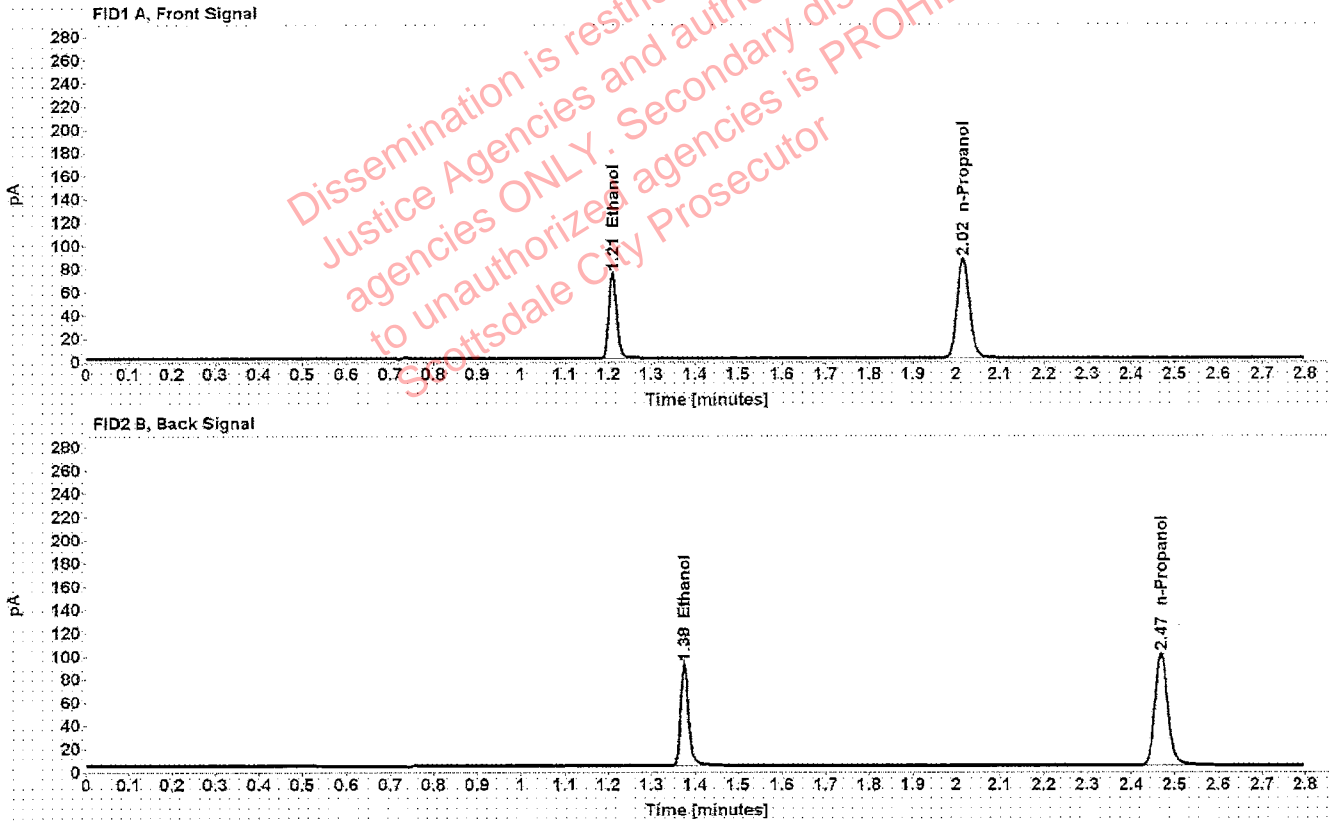


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1523	1.210	93.841
n-Propanol	-----	2.016	171.473

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

Compound	Time (min)	Peak Area
Ethanol	1.375	114.320
n-Propanol	2.469	202.907

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 40
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 27Jan20
Instrument: US14173023 CN14160045	Injection date: 1/27/2020 3:19:45 PM
Data file: C:\Chem32\1\Data\27Jan20\40.D	Analyst: Canonico <i>PC</i>

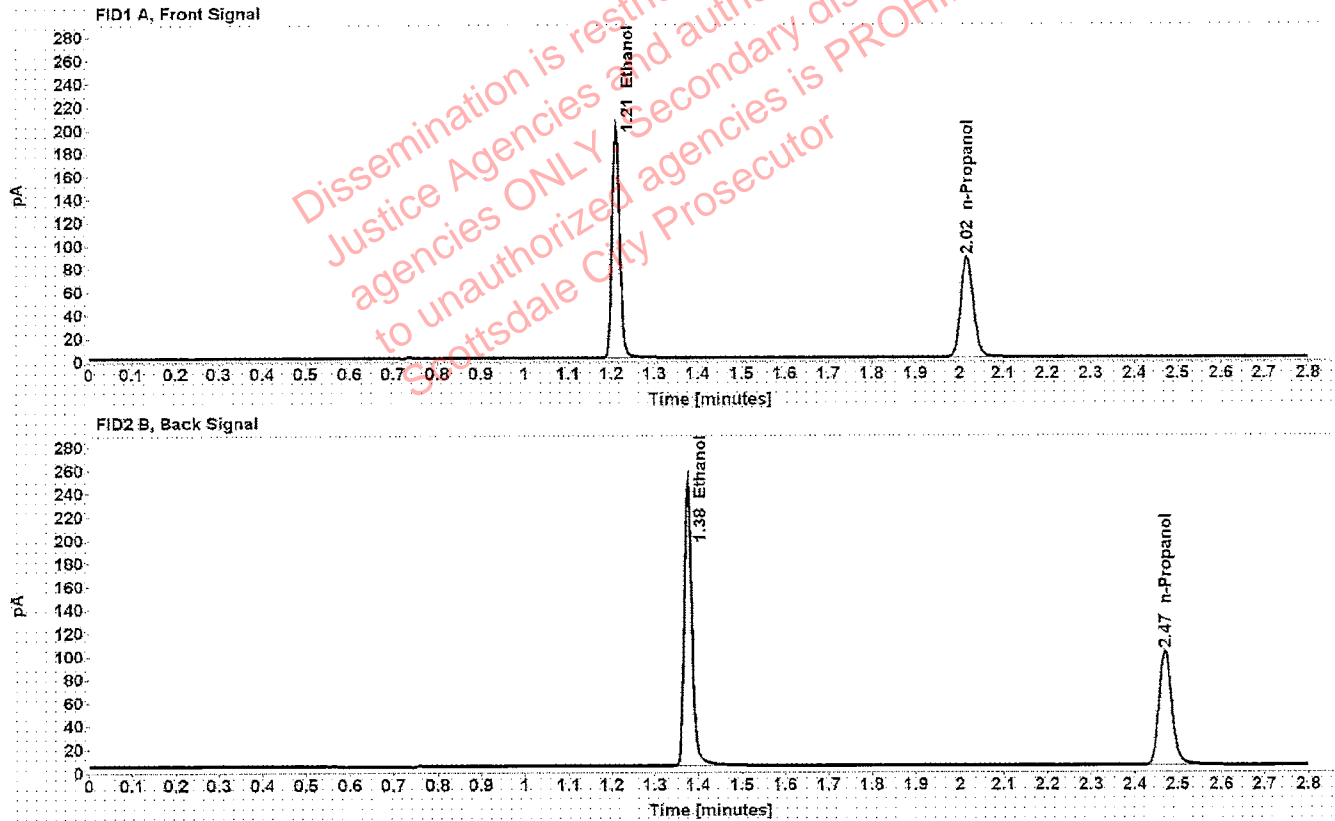


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4082	1.210	254.748
n-Propanol	-----	2.017	173.046

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

Compound	Time (min)	Peak Area
Ethanol	1.376	313.783
n-Propanol	2.470	205.867

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 41
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 27Jan20
Instrument: US14173023 CN14160045	Injection date: 1/27/2020 3:23:46 PM
Data file: C:\Chem32\1\Data\27Jan20\41.D	Analyst: Canonico <i>ec</i>

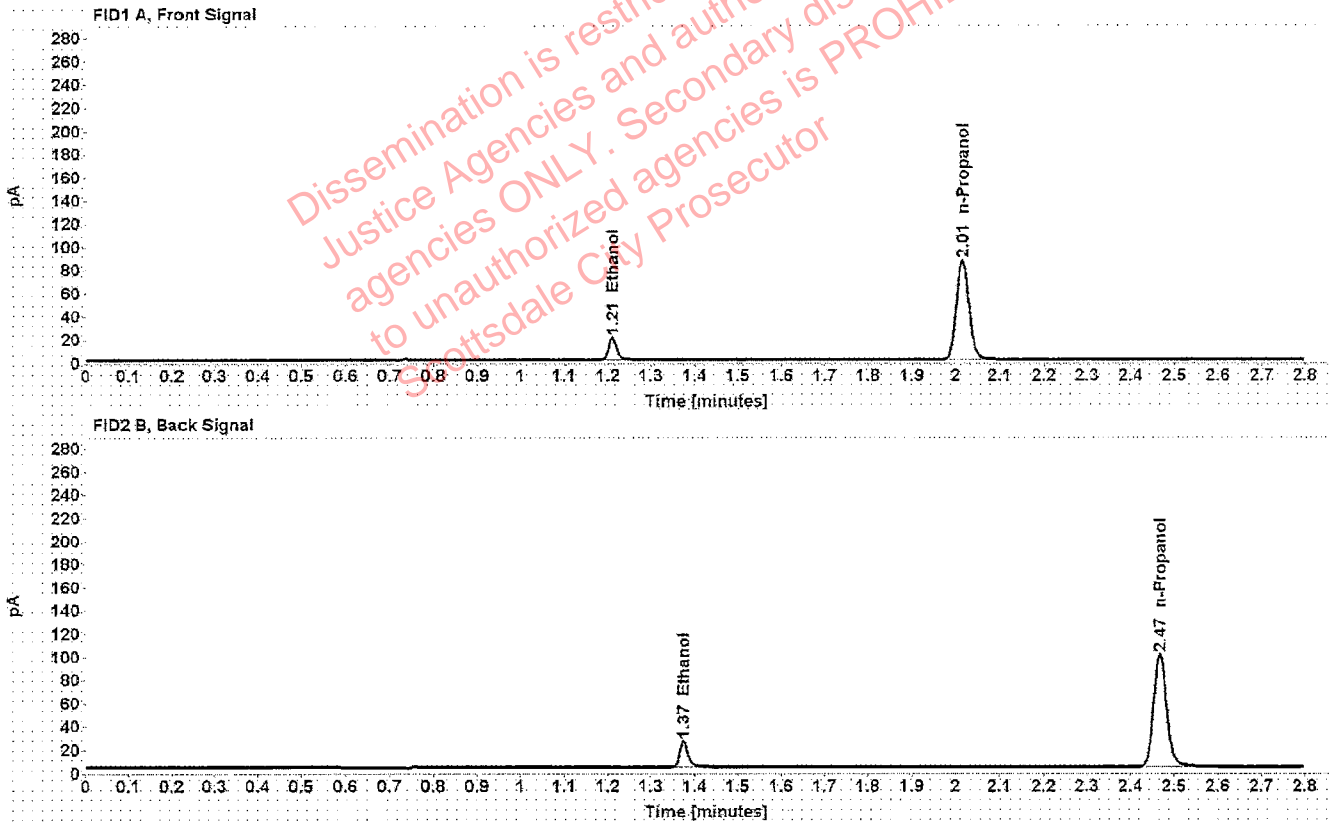


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0403	1.211	24.404
n-Propanol	-----	2.015	170.930

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

Compound	Time (min)	Peak Area
Ethanol	1.375	29.565
n-Propanol	2.467	202.793

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 42
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 27Jan20
Instrument: US14173023 CN14160045	Injection date: 1/27/2020 3:27:46 PM
Data file: C:\Chem32\1\Data\27Jan20\42.D	Analyst: Canonico <i>ec</i>

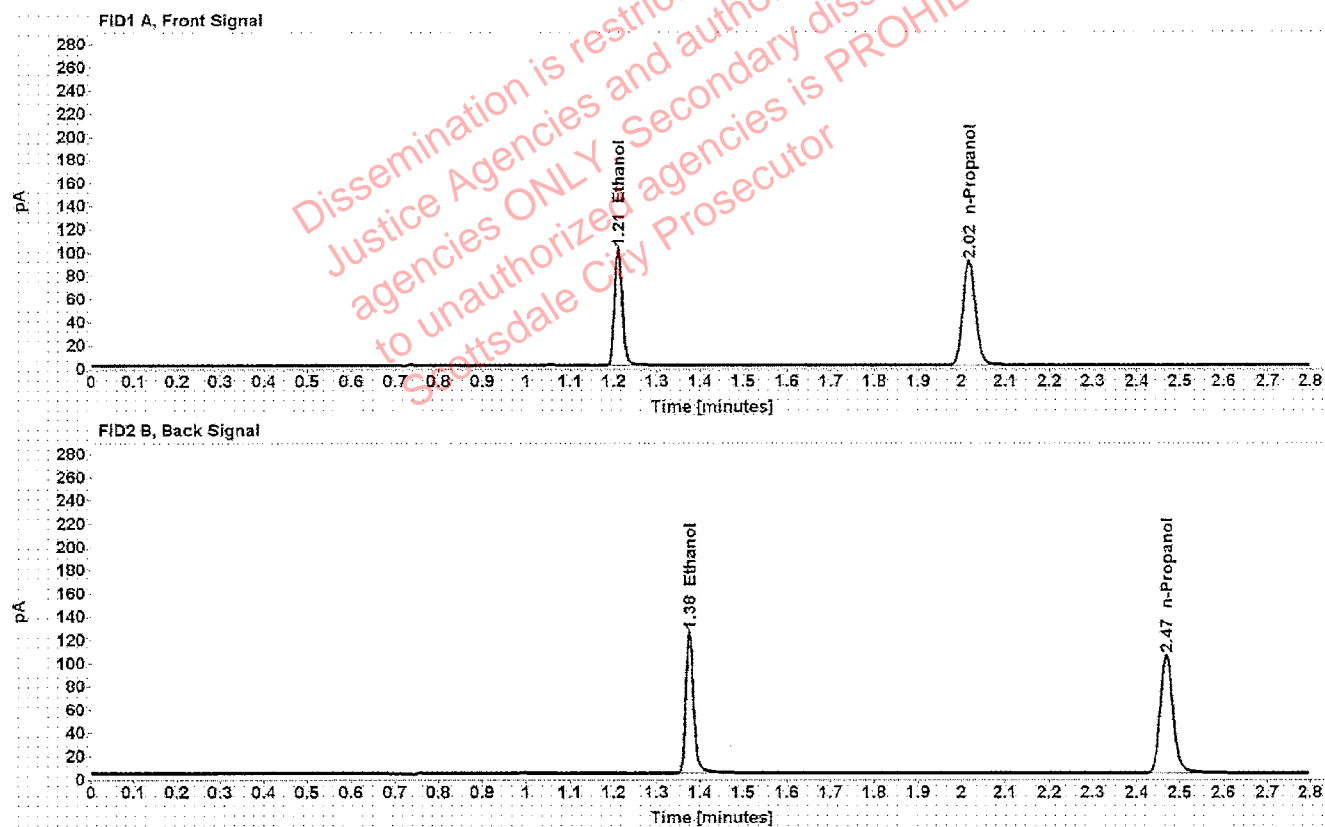


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1998	1.210	128.315
n-Propanol	-----	2.016	178.426

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

Compound	Time (min)	Peak Area
Ethanol	1.376	156.834
n-Propanol	2.469	212.115

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	040919WB	Vial:	43
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 3:32:02 PM
Data file:	C:\Chem32\1\Data\27Jan20\43.D	Analyst:	Canonico <i>ec</i>

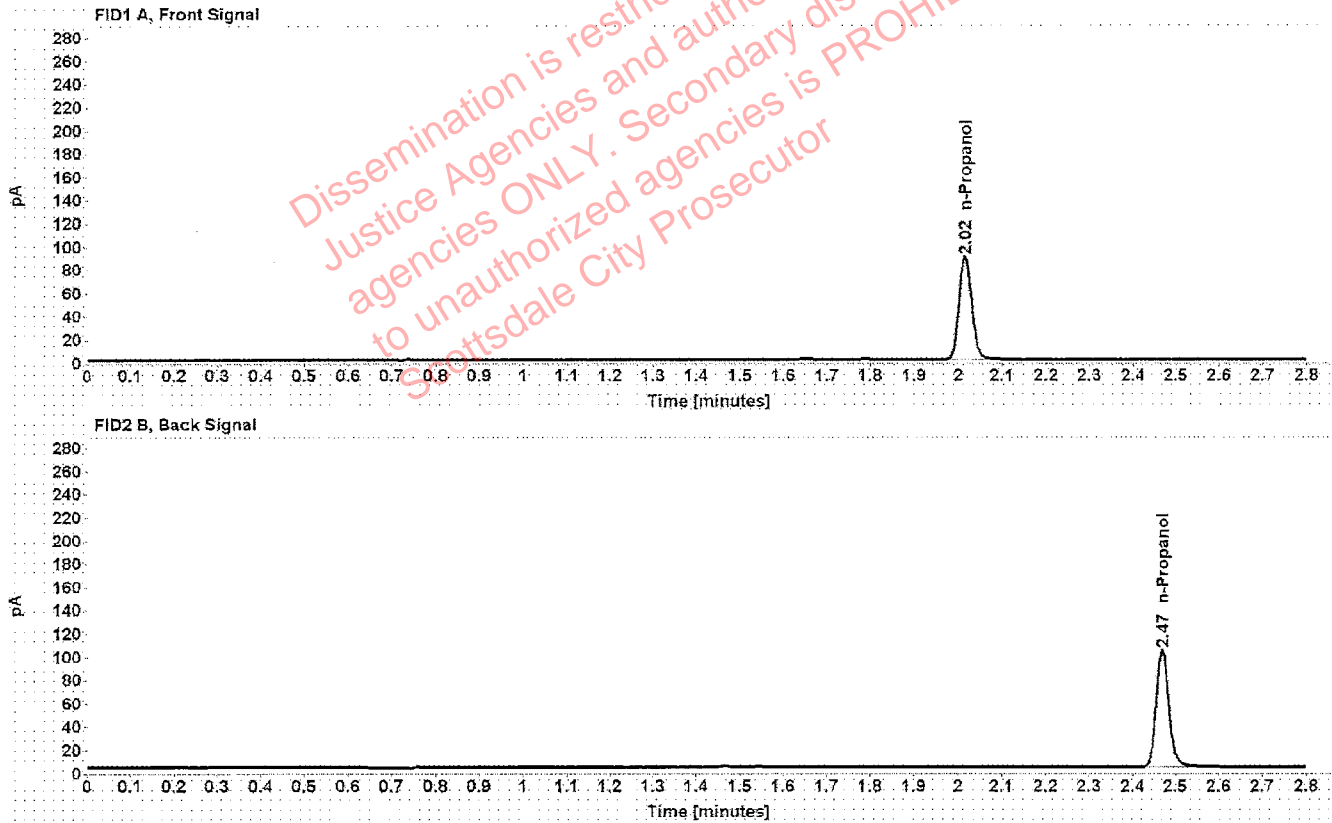


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	177.095

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

Compound	Time (min)	Peak Area
n-Propanol	2.469	210.123

Sequence Summary

Sequence name: 27Jan20 Instrument: US14173023 CN14160045 Analyst: Canonico

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03241604	0.020 calibrator	Calibration		ethanol quant.M
2	FN02271802	0.100 calibrator	Calibration		ethanol quant.M
3	FN06231704	0.200 calibrator	Calibration		ethanol quant.M
4	FN05131606	0.400 calibrator	Calibration		ethanol quant.M
5	121219	Negative	Control		ethanol quant.M
6	070819	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	407041529/13	0.198	Control		ethanol quant.M
10	1288019		Sample		ethanol quant.M
11	1288019		Sample		ethanol quant.M
12	1300121		Sample		ethanol quant.M
13	1300121		Sample		ethanol quant.M
14	1304600		Sample		ethanol quant.M
15	1304600		Sample		ethanol quant.M
16	1301044		Sample		ethanol quant.M
17	1301044		Sample		ethanol quant.M
18	1301463		Sample		ethanol quant.M
19	1301463		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1305293		Sample		ethanol quant.M
22	1305293		Sample		ethanol quant.M
23	1303201		Sample		ethanol quant.M
24	1303201		Sample		ethanol quant.M
25	1303119		Sample		ethanol quant.M
26	1303119		Sample		ethanol quant.M
27	1303214		Sample		ethanol quant.M
28	1303214		Sample		ethanol quant.M
29	1303332		Sample		ethanol quant.M
30	1303332		Sample		ethanol quant.M
31	09022015-C	0.150	Control		ethanol quant.M
32	1305603		Sample		ethanol quant.M
33	1305603		Sample		ethanol quant.M
34	1305724		Sample		ethanol quant.M
35	1305724		Sample		ethanol quant.M
36	1303714		Sample		ethanol quant.M
37	1303714		Sample		ethanol quant.M
38	1301445		Sample		ethanol quant.M
39	1301445		Sample		ethanol quant.M
40	11092018-A	0.400	Control		ethanol quant.M
41	14082019-B	0.040	Control		ethanol quant.M
42	407041529/13	0.198	Control		ethanol quant.M
43	040919WB	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 27Jan20

ANALYST: Canonico

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0000	0.0000	0.00000	0.00	0.00000
12 13	0.0000	0.0000	0.00000	0.00	0.00000
14 15	0.1889	0.1897	0.18930	0.21	0.00040
16 17	0.0853	0.0850	0.08515	0.18	0.00015
18 19	0.2201	0.2197	0.21990	0.09	0.00020
21 22	0.1228	0.1232	0.12300	0.16	0.00020
23 24	0.0984	0.0981	0.09825	0.15	0.00015
25 26	0.1371	0.1354	0.13625	0.62	0.00085
27 28	0.2576	0.2548	0.25620	0.55	0.00140
29 30	0.1551	0.1550	0.15505	0.03	0.00005
32 33	0.0000	0.0000	0.00000	0.00	0.00000
34 35	0.0315	0.0317	0.03160	0.32	0.00010
36 37	0.1433	0.1436	0.14345	0.10	0.00015
38 39	0.0988	0.0988	0.09880	0.00	0.00000

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

Case: [REDACTED] User: ecanonico 1/28/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1288019	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 1:18:32 PM
Data file:	C:\Chem32\1\Data\27Jan20\10.D	Analyst:	Canonico

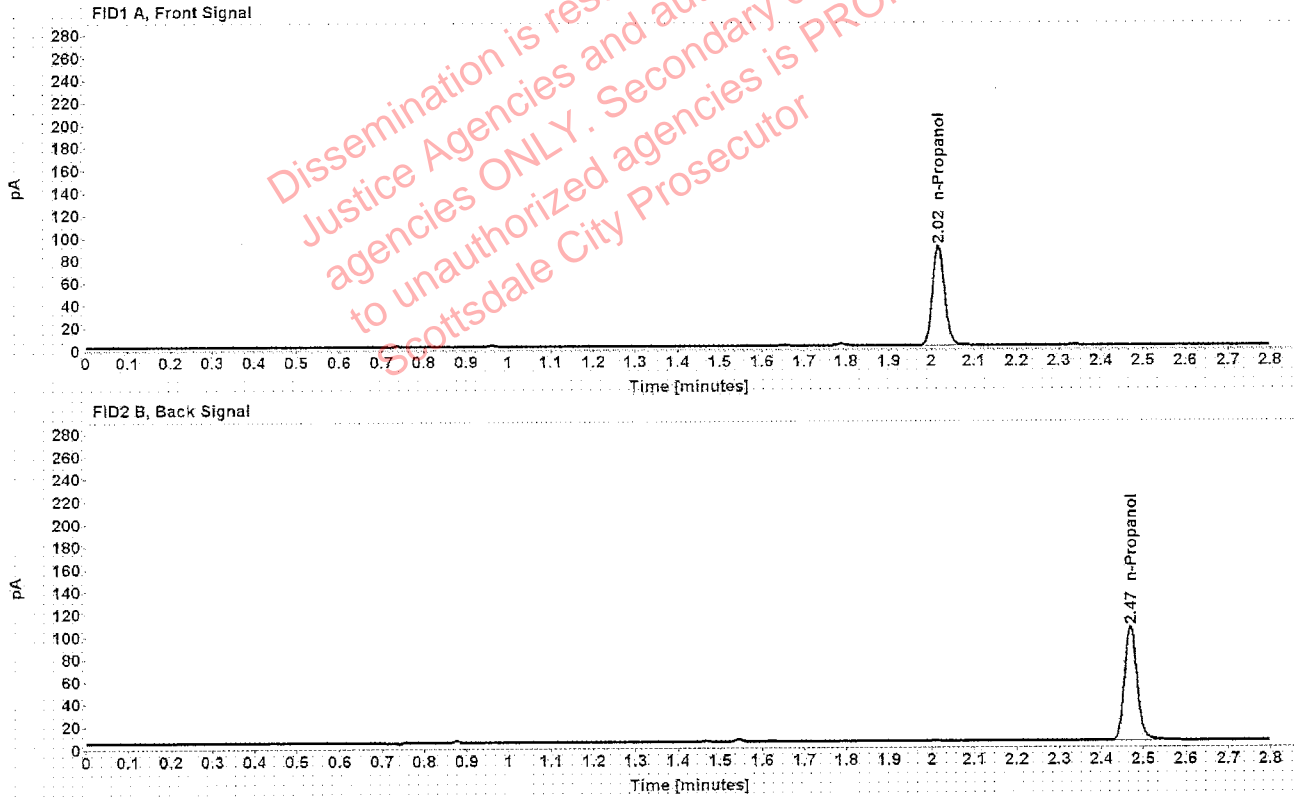


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	177.176

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

Compound	Time (min)	Peak Area
n-Propanol	2.469	209.592

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1288019	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 1:22:31 PM
Data file:	C:\Chem32\1\Data\27Jan20\11.D	Analyst:	Canonico

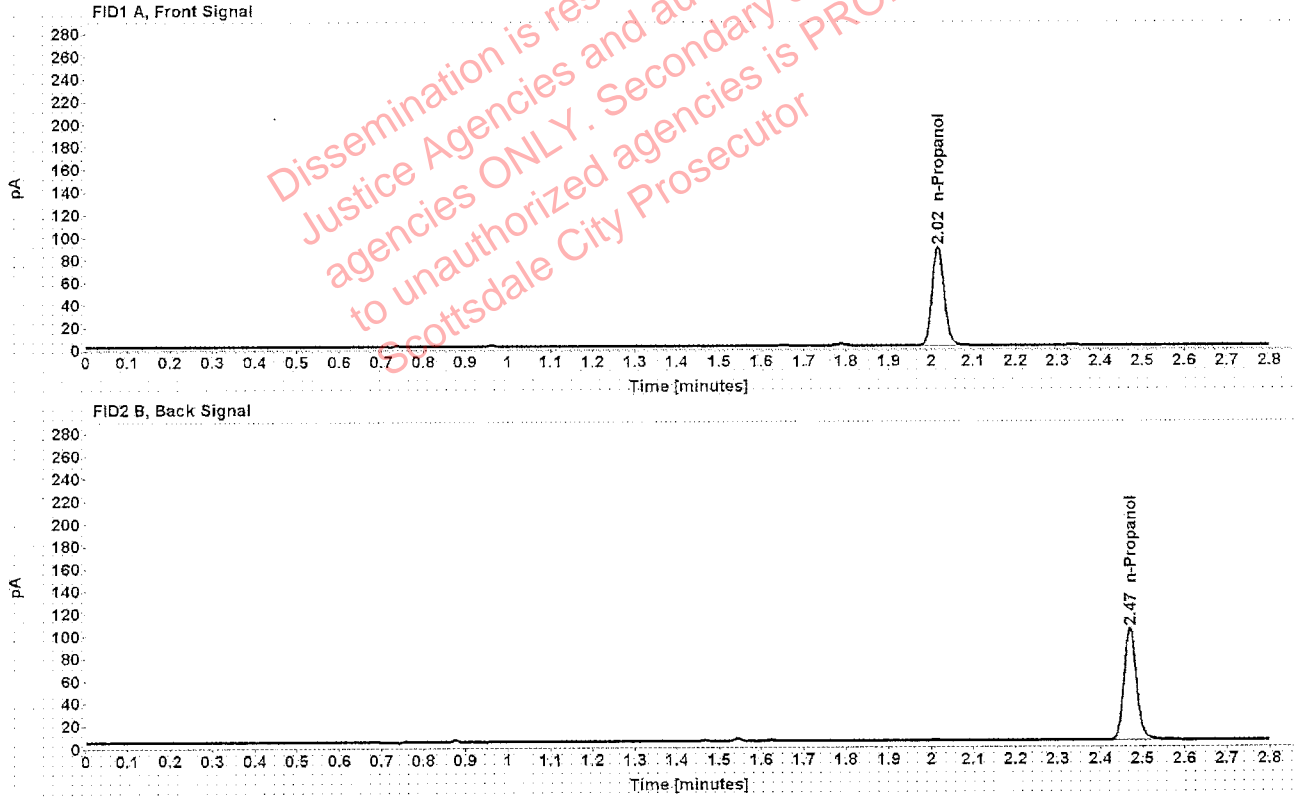


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	175.094

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	207.263

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1300121	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 1:26:31 PM
Data file:	C:\Chem32\1\Data\27Jan20\12.D	Analyst:	Canonico

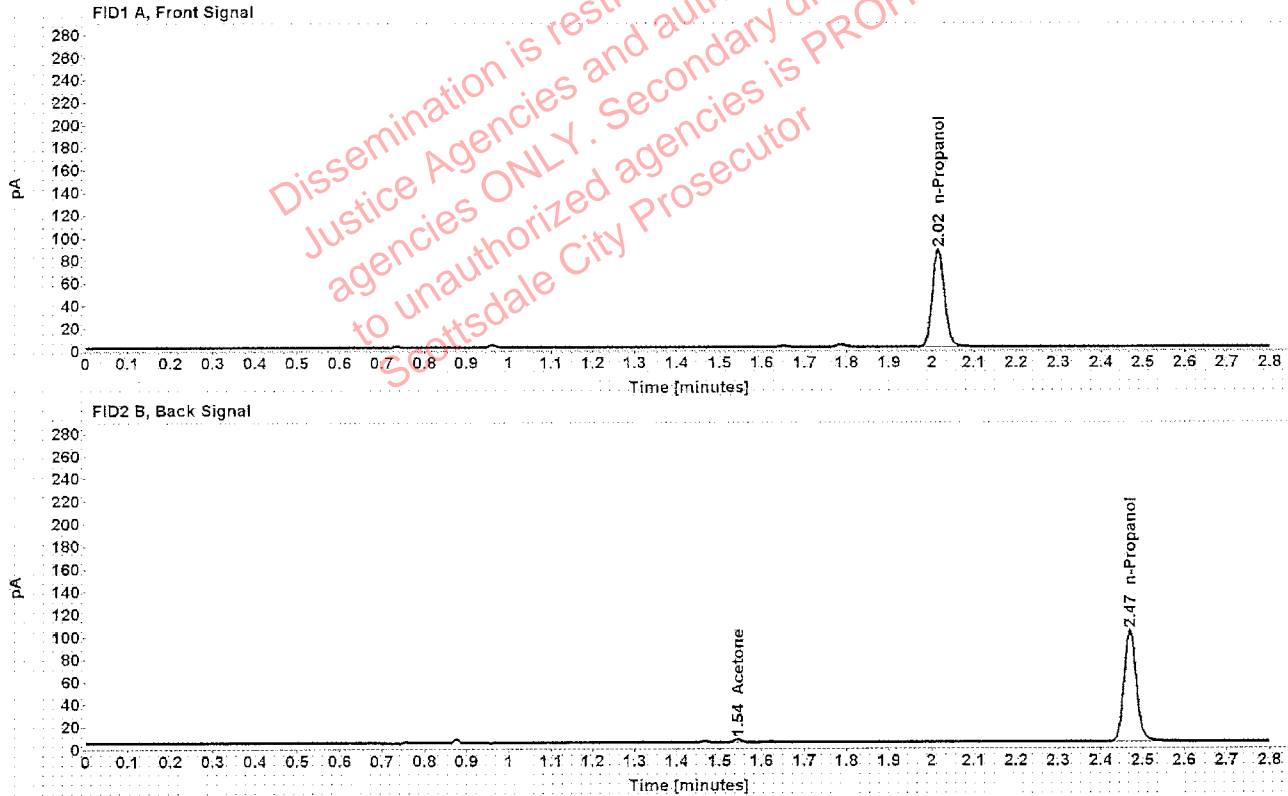


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	173.637

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

Compound	Time (min)	Peak Area
Acetone	1.543	4.047
n-Propanol	2.469	205.297

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1300121	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 1:30:46 PM
Data file:	C:\Chem32\1\Data\27Jan20\13.D	Analyst:	Canonico

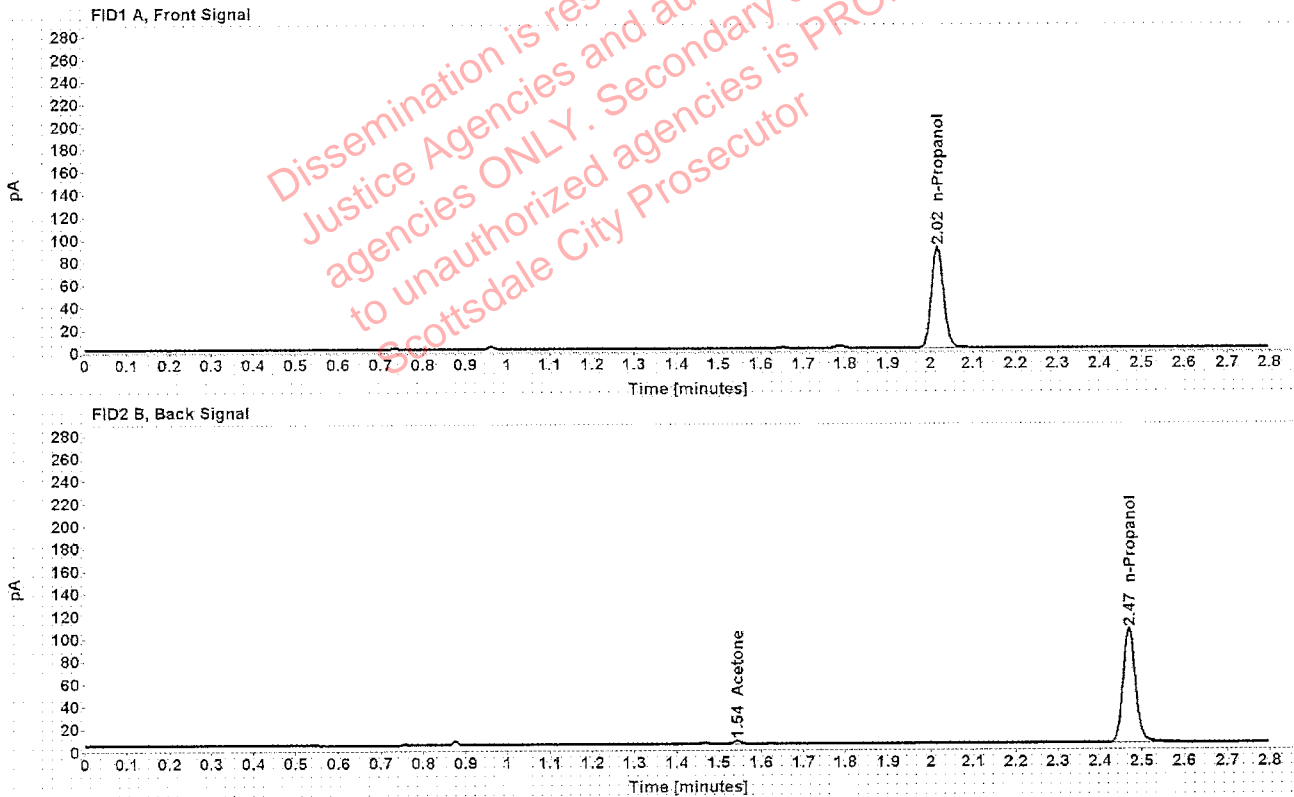


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	178.261

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

Compound	Time (min)	Peak Area
Acetone	1.543	4.152
n-Propanol	2.469	210.969

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1304600	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 1:34:46 PM
Data file:	C:\Chem32\1\Data\27Jan20\14.D	Analyst:	Canonico

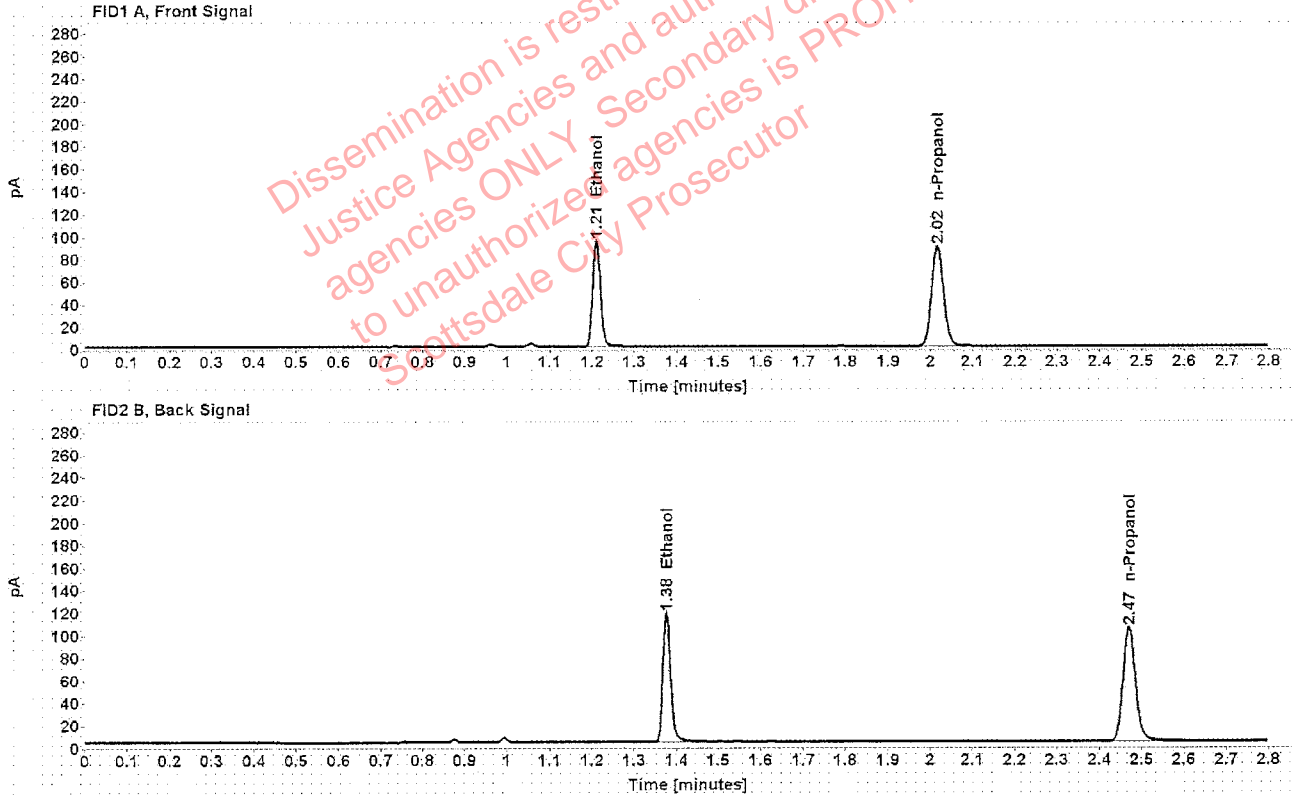


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1889	1.210	120.833
n-Propanol	-----	2.016	177.776

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

Compound	Time (min)	Peak Area
Ethanol	1.376	148.170
n-Propanol	2.470	210.676

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1304600	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 1:38:46 PM
Data file:	C:\Chem32\1\Data\27Jan20\15.D	Analyst:	Canonico

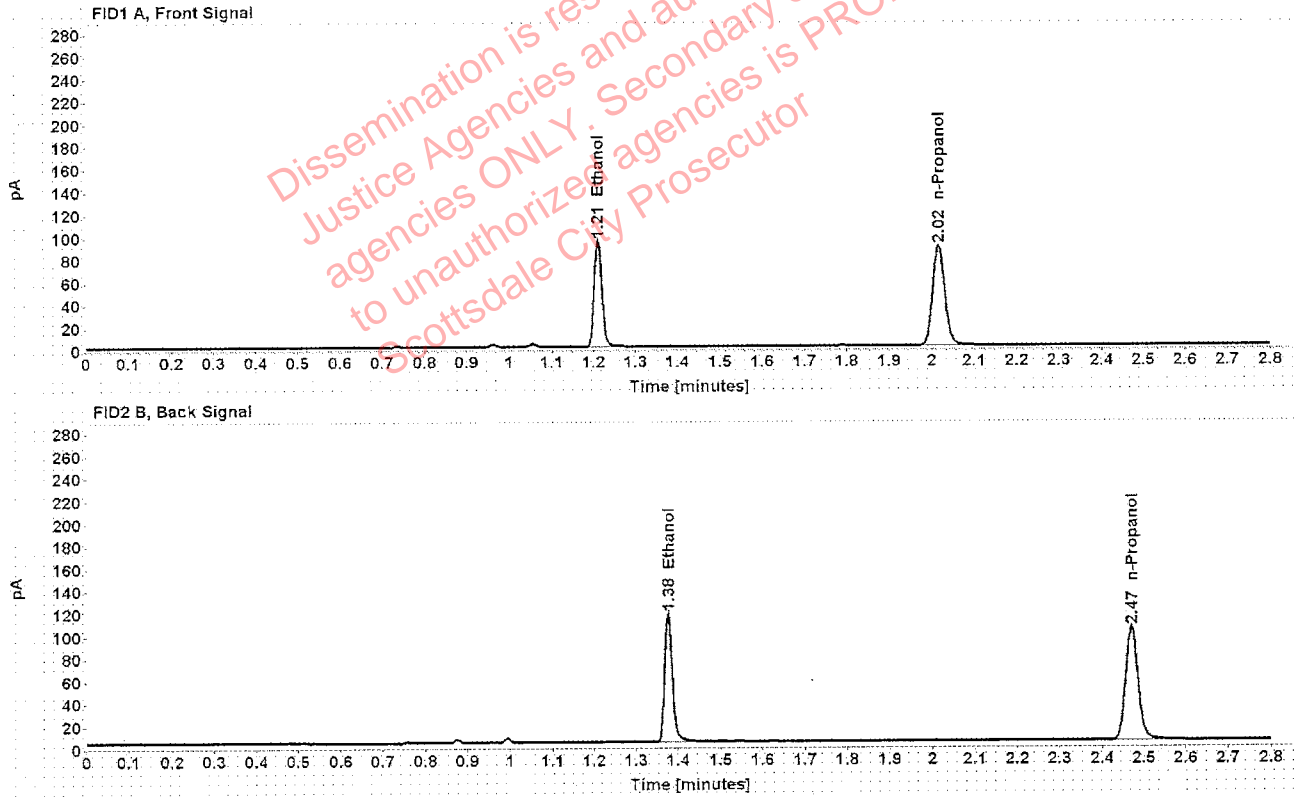


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1897	1.210	120.815
n-Propanol	-----	2.016	176.967

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

Compound	Time (min)	Peak Area
Ethanol	1.376	148.433
n-Propanol	2.470	209.486

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1301044	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 1:42:47 PM
Data file:	C:\Chem32\1\Data\27Jan20\16.D	Analyst:	Canonico

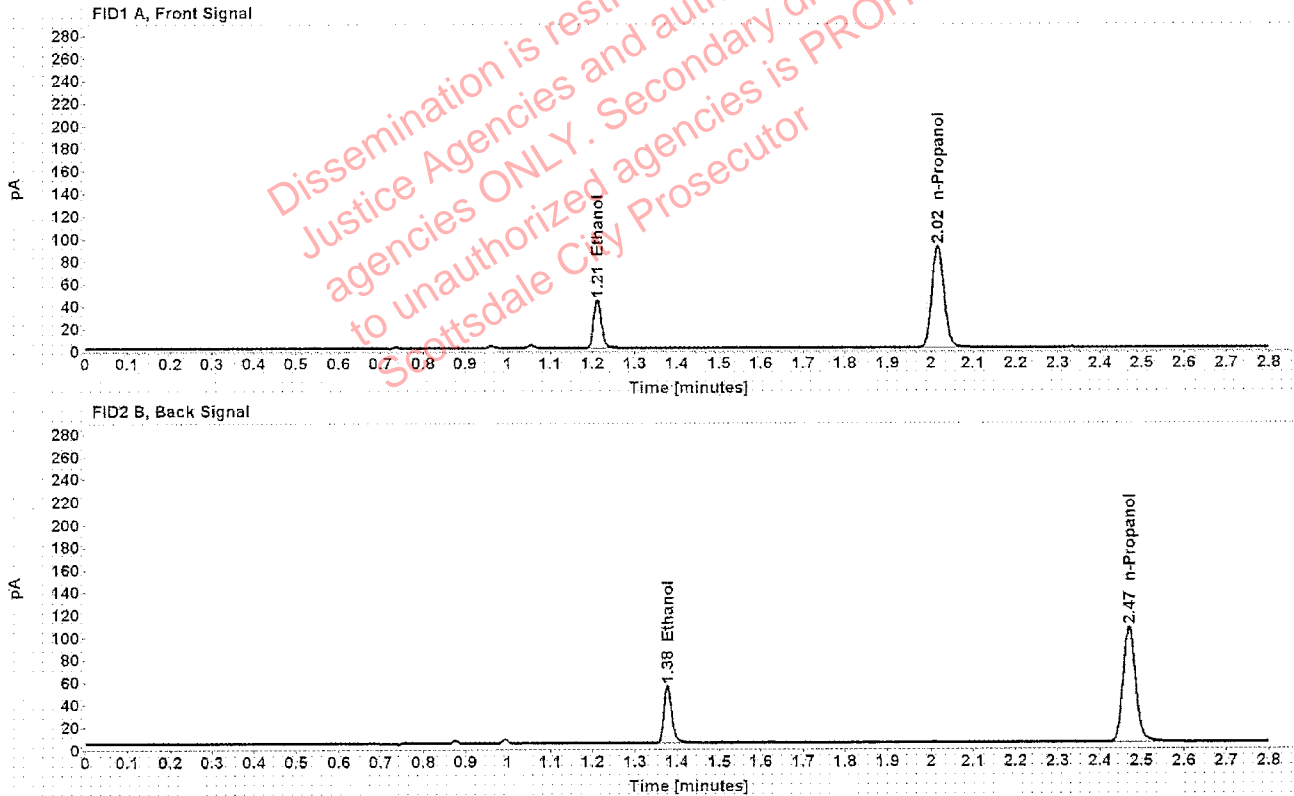


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0853	1.211	55.112
n-Propanol	-----	2.016	180.646

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

Compound	Time (min)	Peak Area
Ethanol	1.377	66.308
n-Propanol	2.470	214.398

Case: [REDACTED] User: ecanonico 1/28/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1301044	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 1:46:46 PM
Data file:	C:\Chem32\1\Data\27Jan20\17.D	Analyst:	Canonico

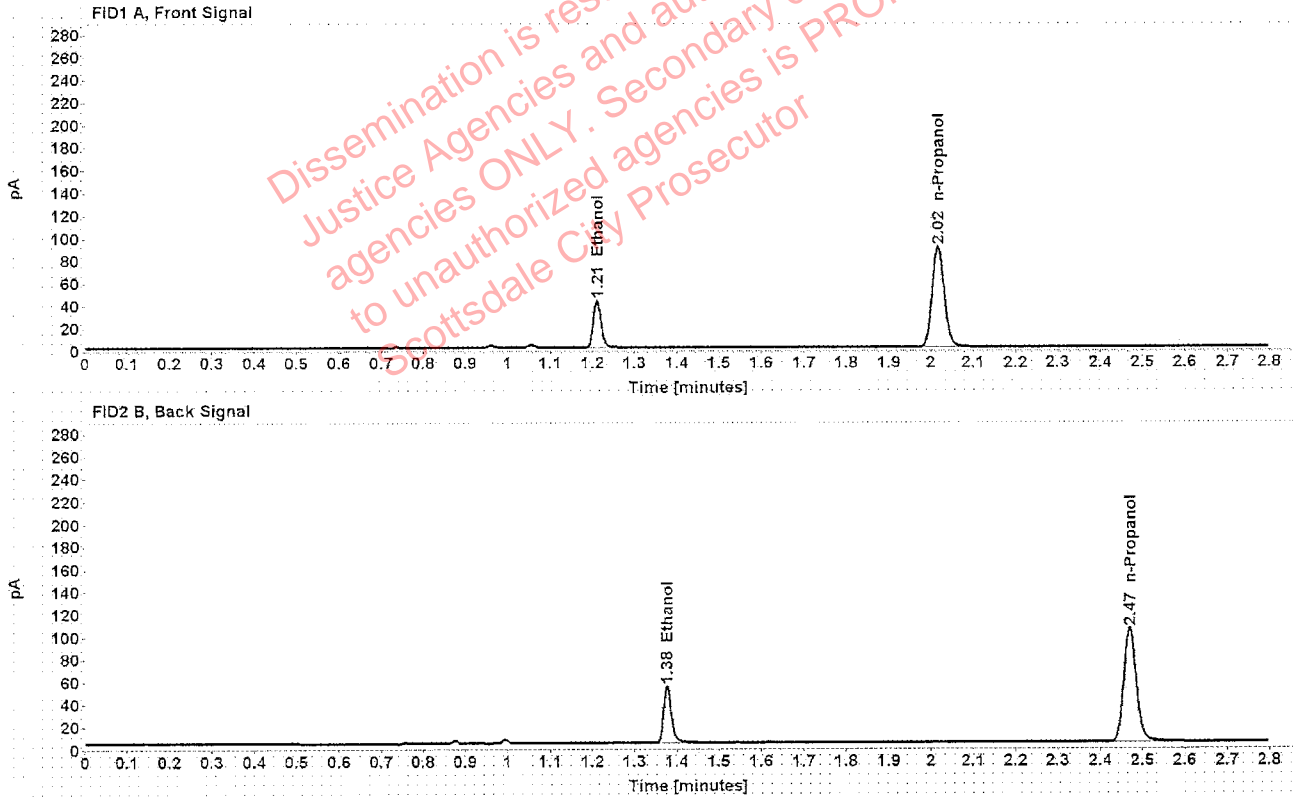


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0850	1.211	54.199
n-Propanol	-----	2.016	178.233

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

Compound	Time (min)	Peak Area
Ethanol	1.377	65.226
n-Propanol	2.470	211.471

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1301463	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 1:50:47 PM
Data file:	C:\Chem32\1\Data\27Jan20\18.D	Analyst:	Canonico

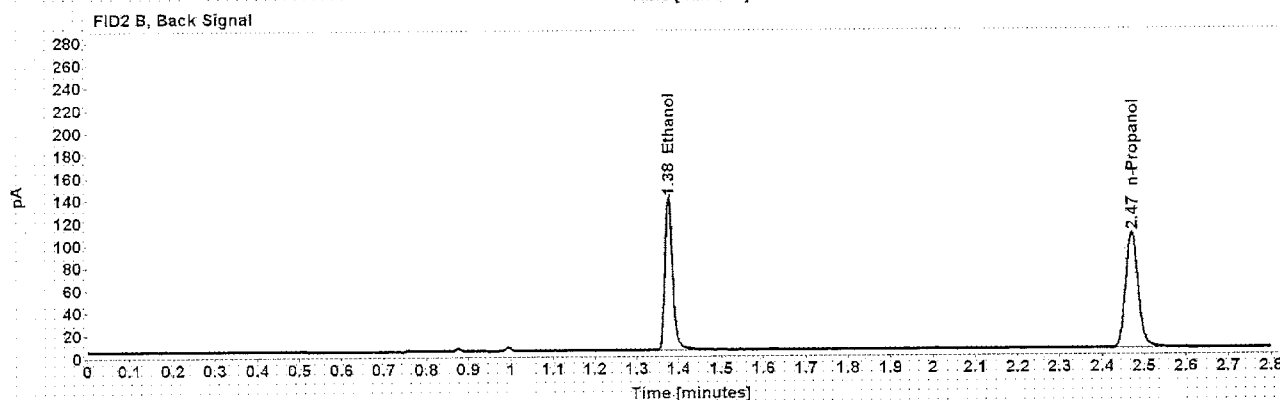
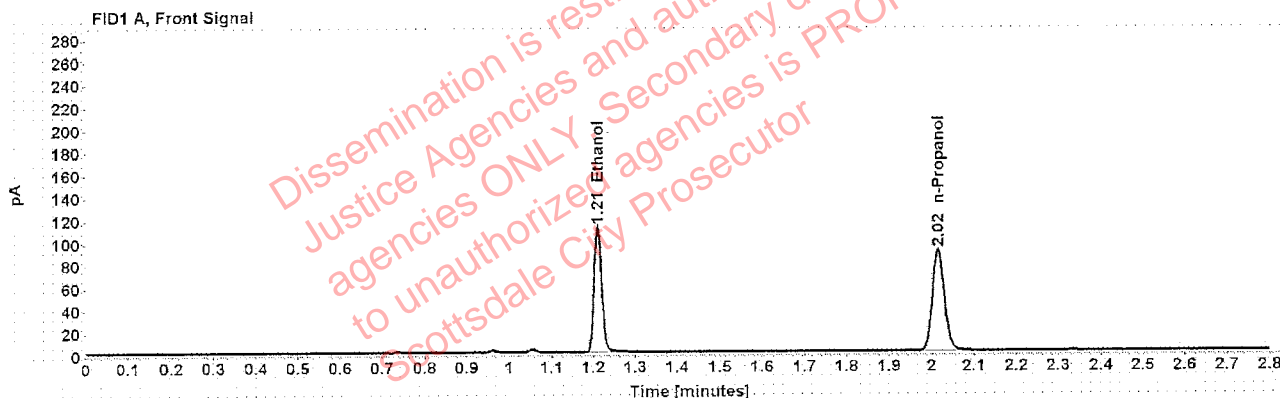


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2201	1.210	142.617
n-Propanol	-----	2.016	179.988

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

Compound	Time (min)	Peak Area
Ethanol	1.376	174.973
n-Propanol	2.470	213.421

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1301463	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 1:55:03 PM
Data file:	C:\Chem32\11\Data\27Jan20\19.D	Analyst:	Canonico

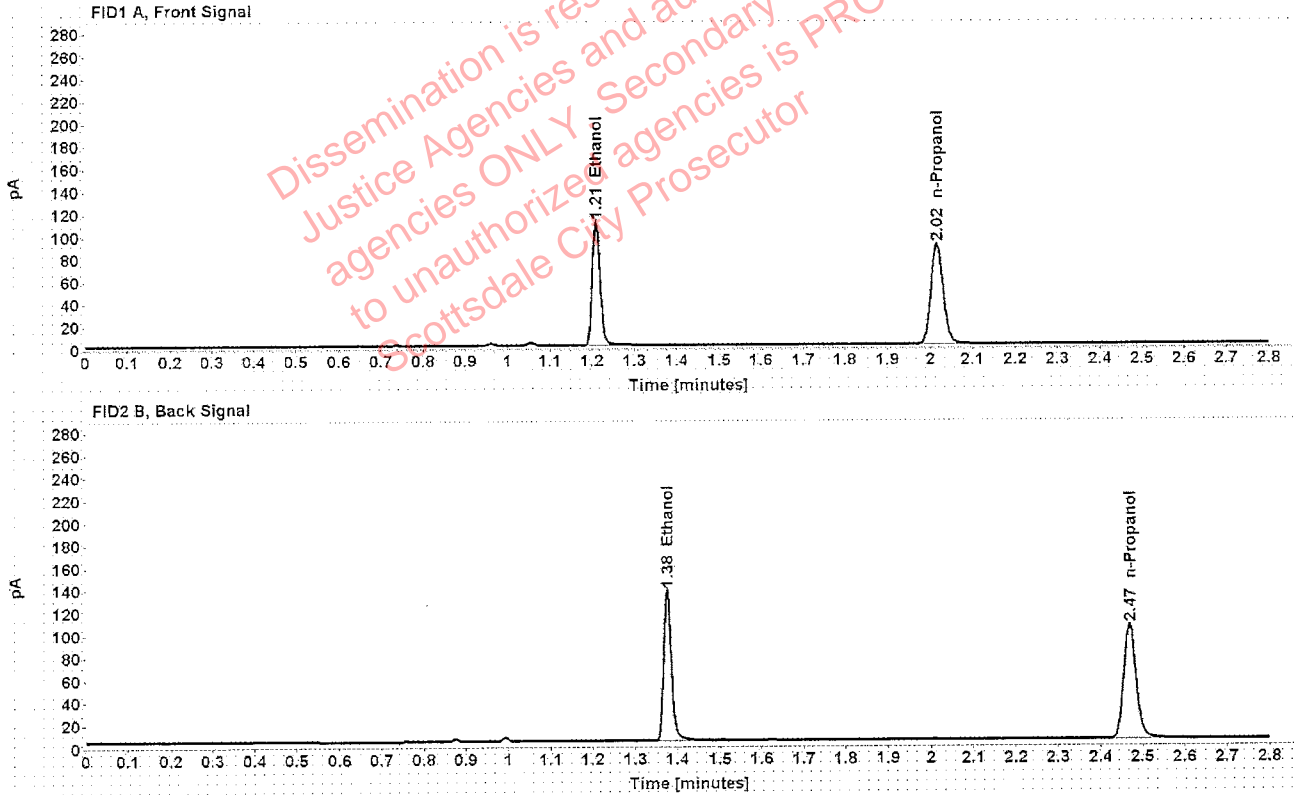


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2197	1.210	140.980
n-Propanol	-----	2.016	178.249

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

Compound	Time (min)	Peak Area
Ethanol	1.375	172.960
n-Propanol	2.469	210.763

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1305293	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 2:03:01 PM
Data file:	C:\Chem32\1\Data\27Jan20\21.D	Analyst:	Canonico

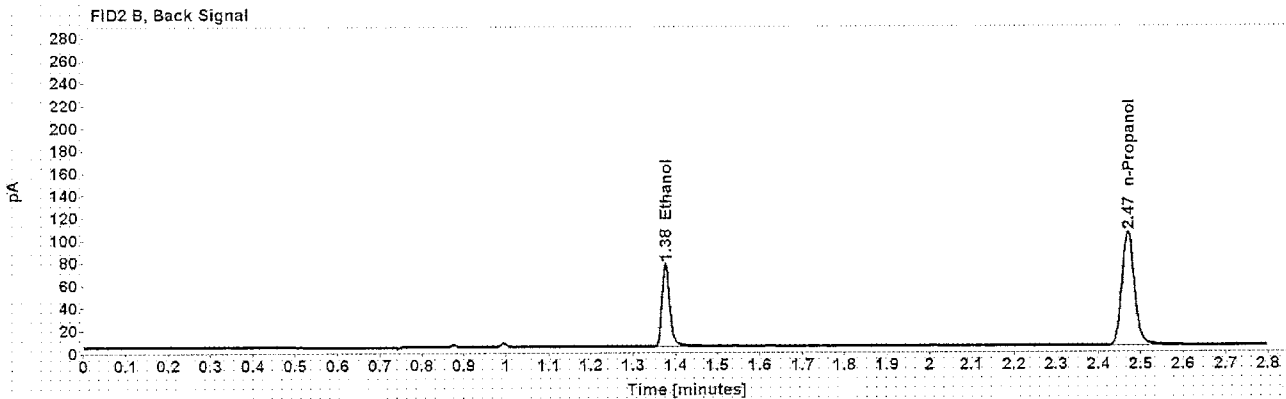
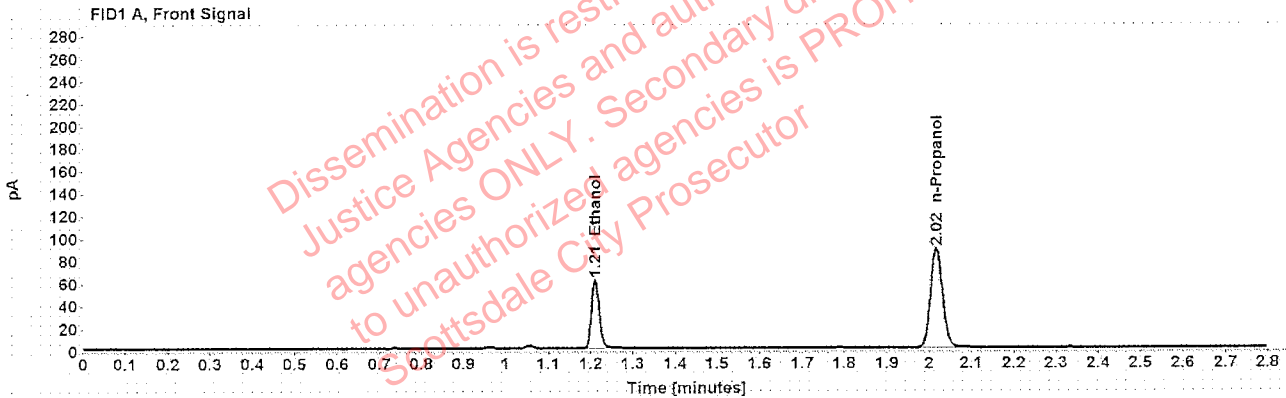


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1228	1.211	77.708
n-Propanol	-----	2.016	176.370

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

Compound	Time (min)	Peak Area
Ethanol	1.376	93.775
n-Propanol	2.470	209.561

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1305293	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 2:07:03 PM
Data file:	C:\Chem32\1\Data\27Jan20\22.D	Analyst:	Canonico

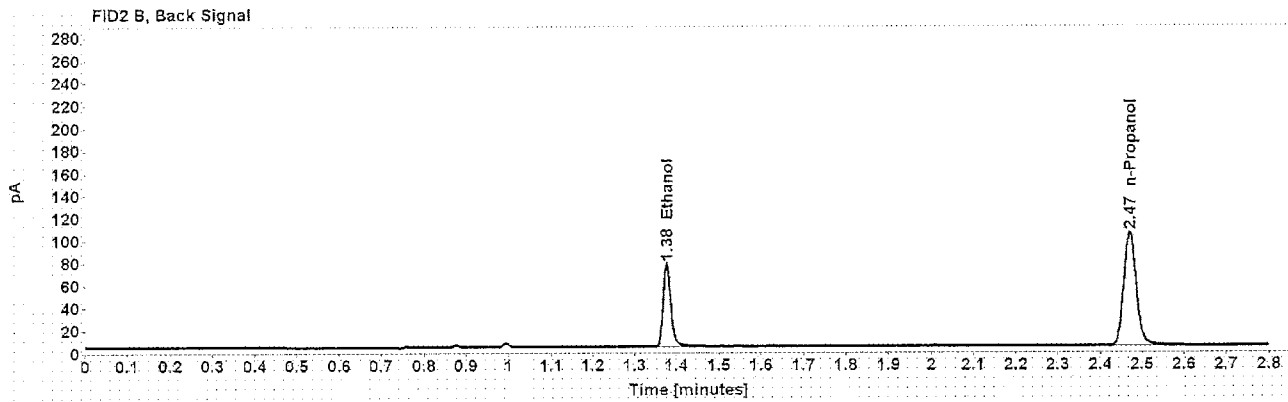
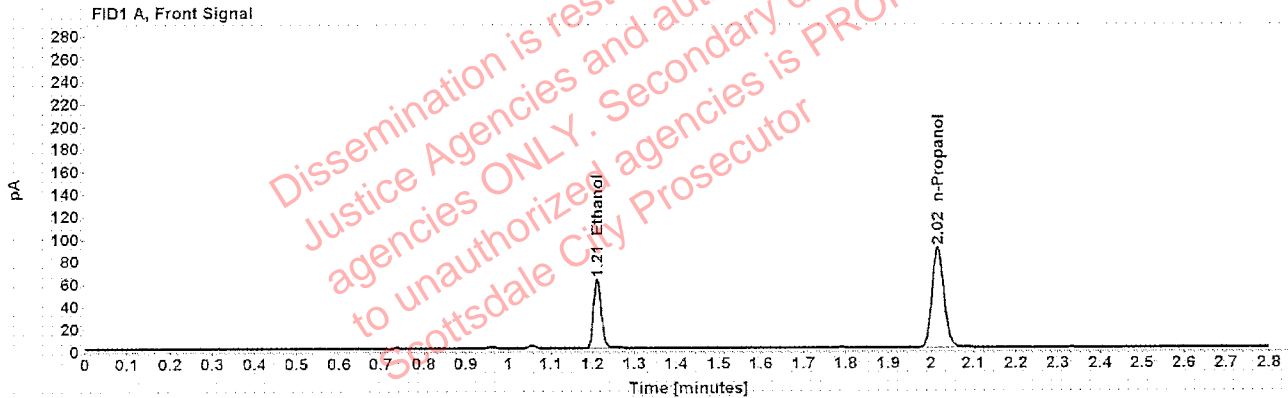


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1232	1.211	78.680
n-Propanol	-----	2.016	177.860

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

Compound	Time (min)	Peak Area
Ethanol	1.377	95.026
n-Propanol	2.470	211.044

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1303201	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 2:11:01 PM
Data file:	C:\Chem32\1\Data\27Jan20\23.D	Analyst:	Canonico

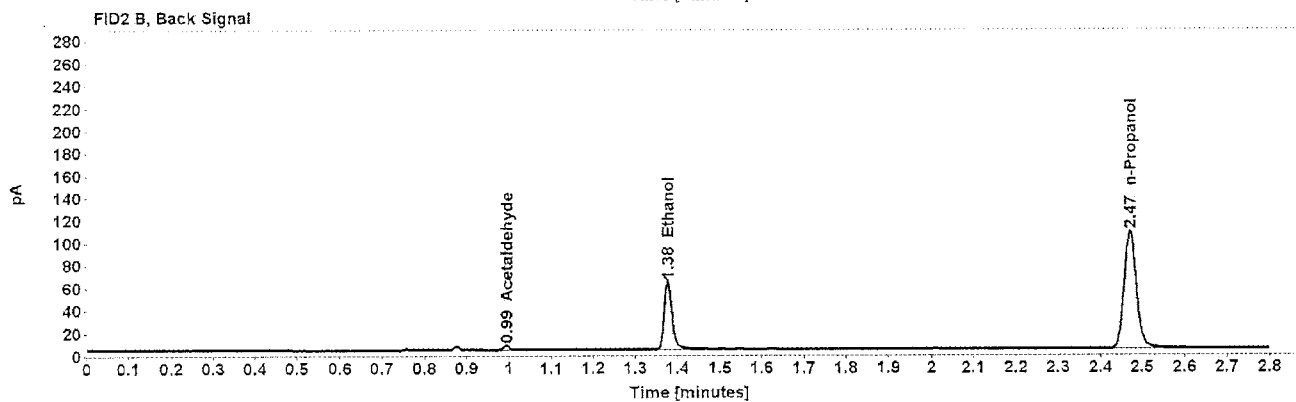
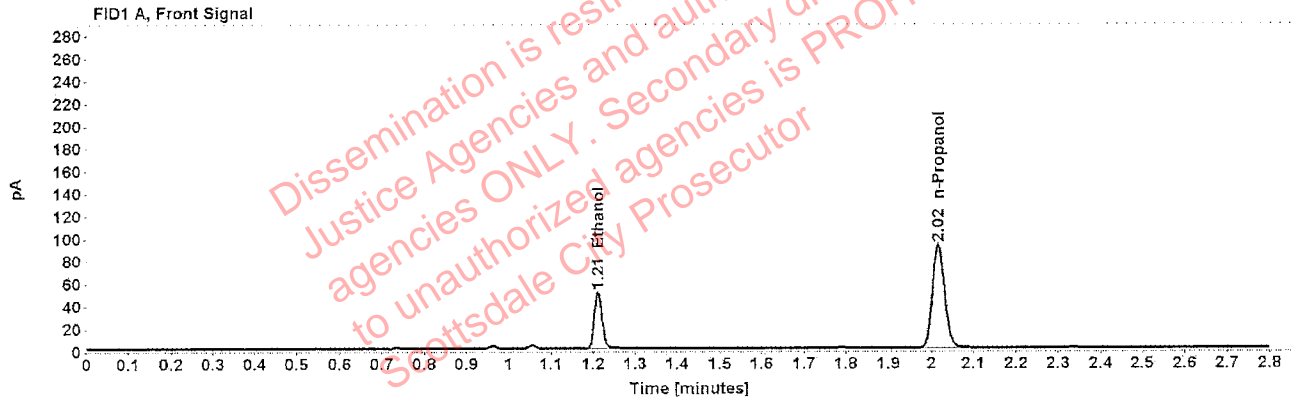


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0984	1.211	64.431
n-Propanol	-----	2.017	182.788

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.907
Ethanol	1.377	77.959
n-Propanol	2.470	217.362

Case: [REDACTED] User: ecanonico 1/28/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1303201	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 2:15:01 PM
Data file:	C:\Chem32\1\Data\27Jan20\24.D	Analyst:	Canonico

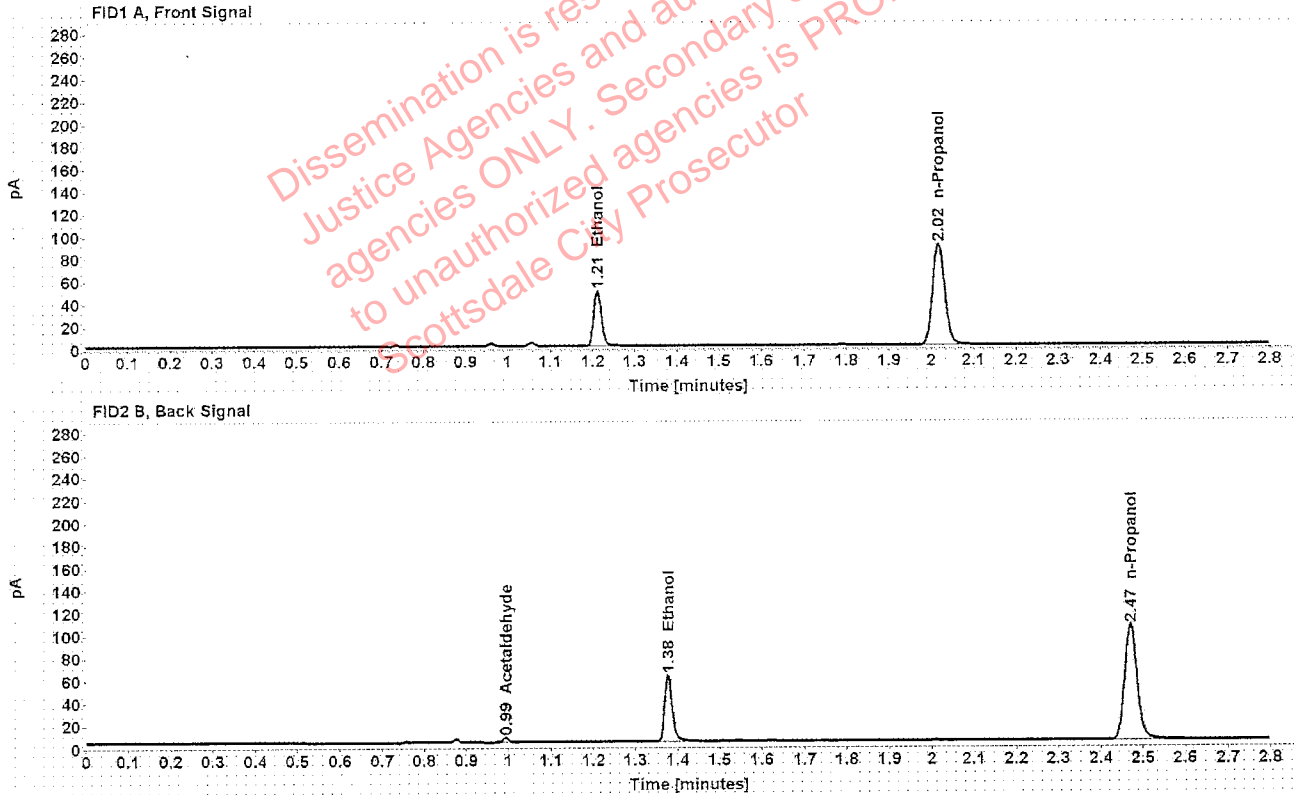


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0981	1.211	62.977
n-Propanol	-----	2.017	179.204

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.841
Ethanol	1.377	76.259
n-Propanol	2.470	212.927

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1303119	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 2:19:17 PM
Data file:	C:\Chem32\11\Data\27Jan20\25.D	Analyst:	Canonico

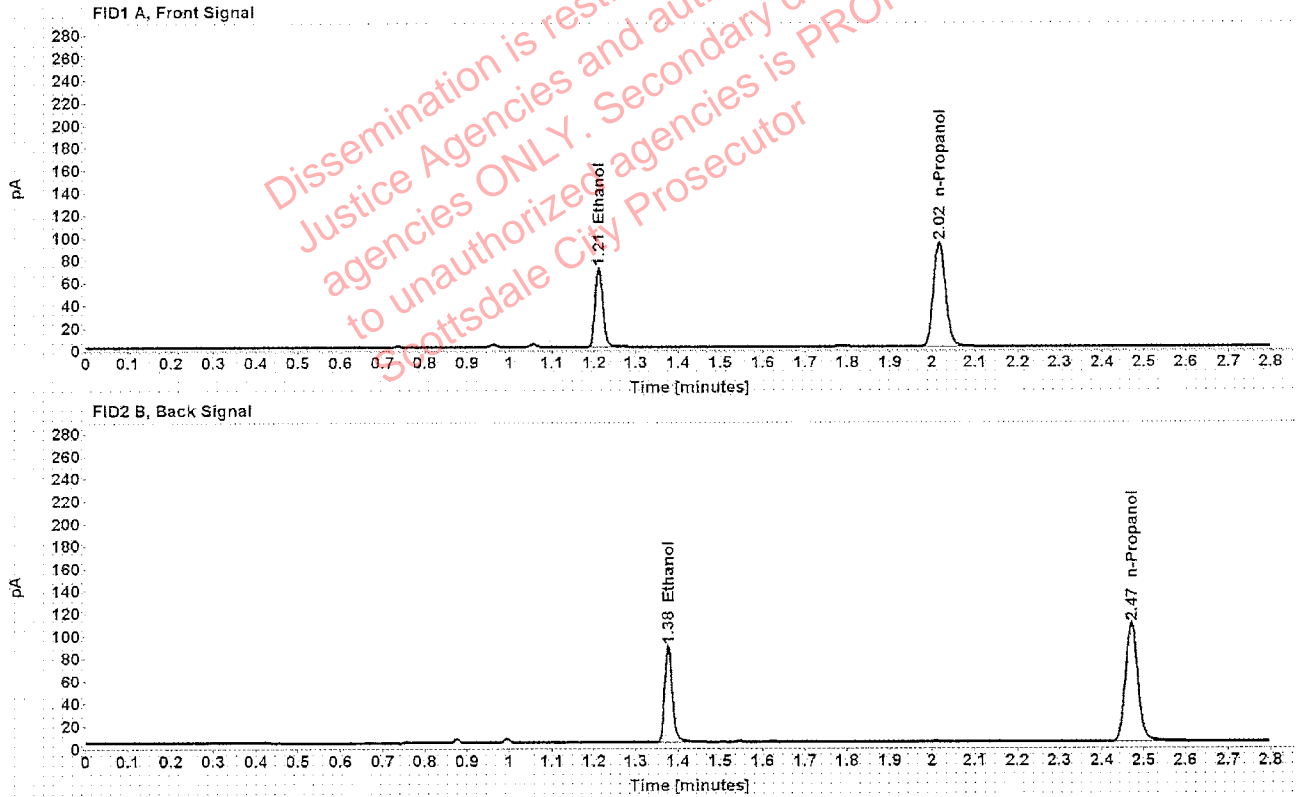


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1371	1.211	90.655
n-Propanol	-----	2.017	184.112

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

Compound	Time (min)	Peak Area
Ethanol	1.377	111.035
n-Propanol	2.470	219.071

Case: ██████████ User: ecanonico 1/28/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1303119	Vial:	26
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 2:23:17 PM
Data file:	C:\Chem32\1\Data\27Jan20\26.D	Analyst:	Canonico

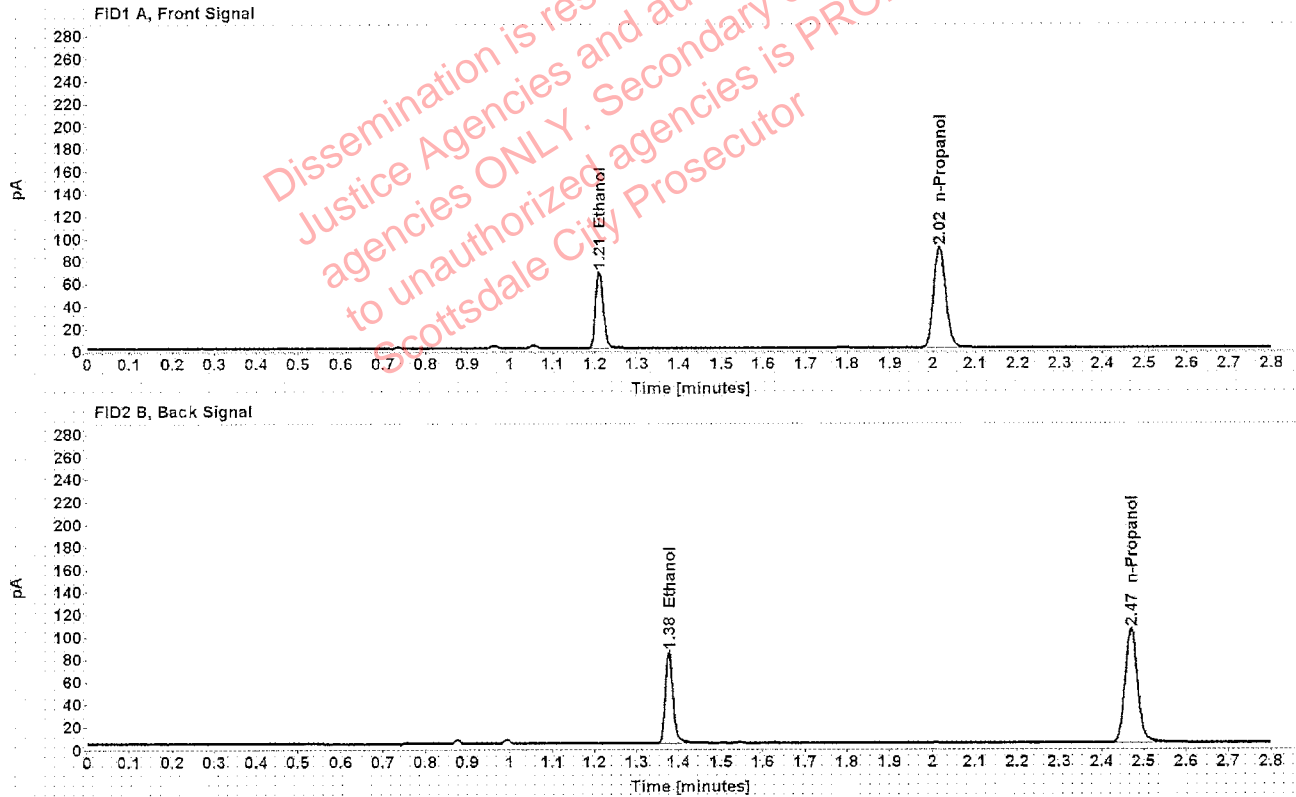


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1354	1.211	86.803
n-Propanol	-----	2.016	178.448

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

Compound	Time (min)	Peak Area
Ethanol	1.376	106.822
n-Propanol	2.470	212.248

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1303214	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 2:27:16 PM
Data file:	C:\Chem32\1\Data\27Jan20\27.D	Analyst:	Canonico

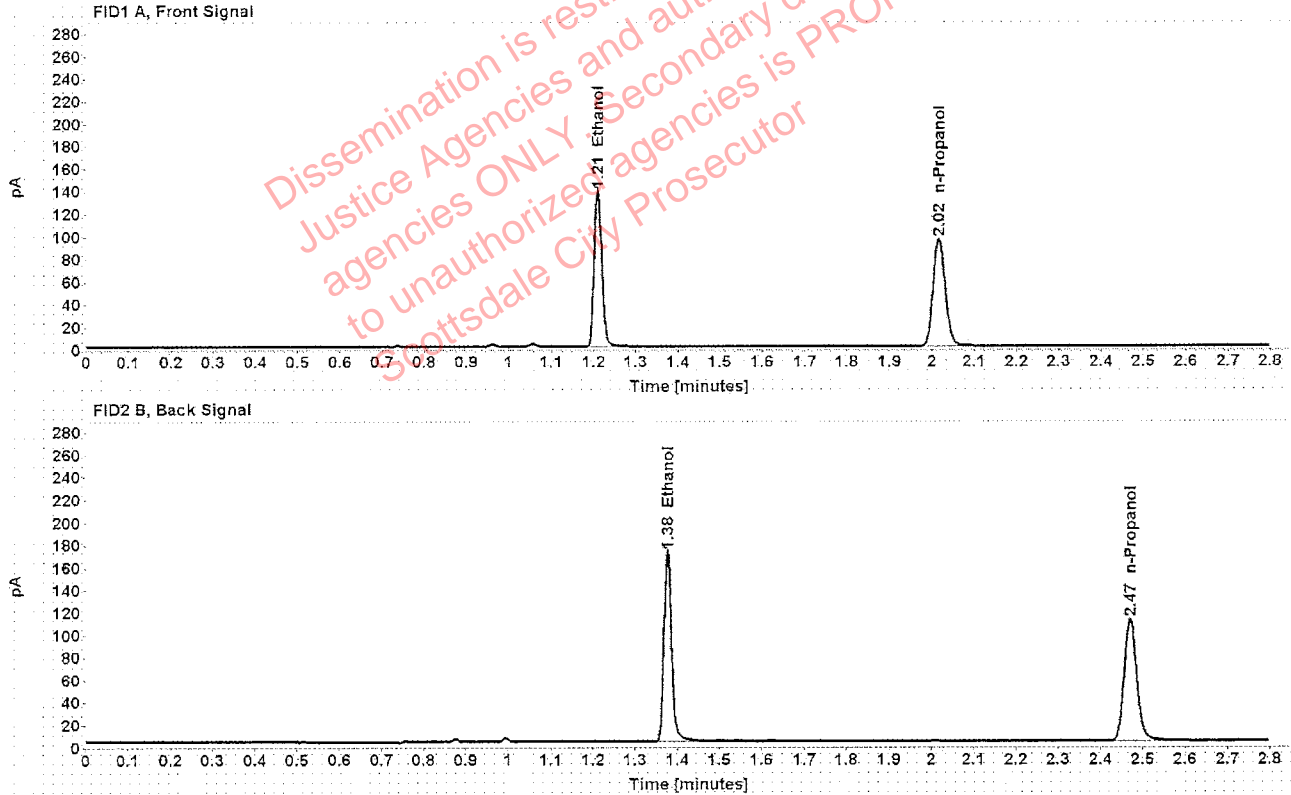


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2576	1.210	176.345
n-Propanol	-----	2.016	190.028

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

Compound	Time (min)	Peak Area
Ethanol	1.376	217.224
n-Propanol	2.470	226.663

Case: [REDACTED] User: ecanonico 1/28/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1303214	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 2:31:17 PM
Data file:	C:\Chem32\1\Data\27Jan20\28.D	Analyst:	Canonico

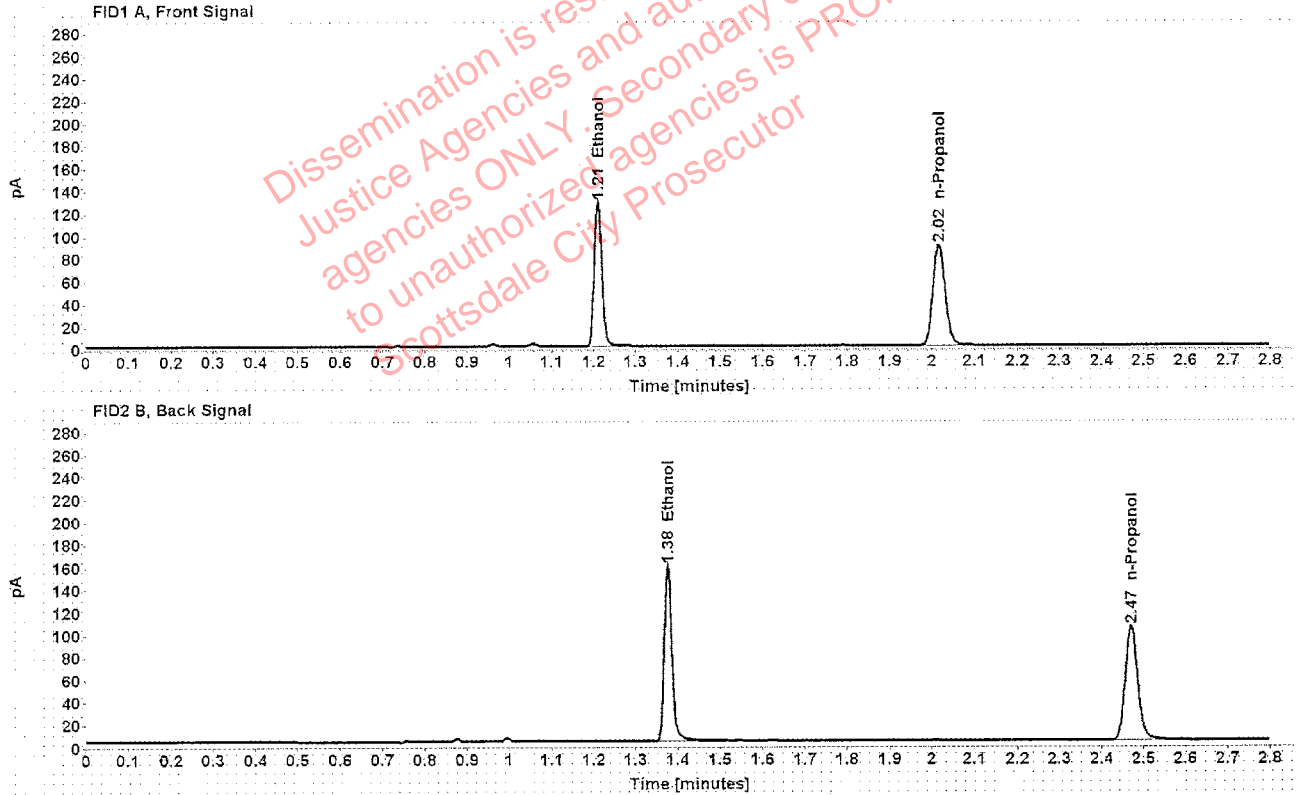


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2548	1.210	163.596
n-Propanol	-----	2.016	178.264

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

Compound	Time (min)	Peak Area
Ethanol	1.376	201.075
n-Propanol	2.470	212.069

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1303332	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 2:35:16 PM
Data file:	C:\Chem32\1\Data\27Jan20\29.D	Analyst:	Canonico

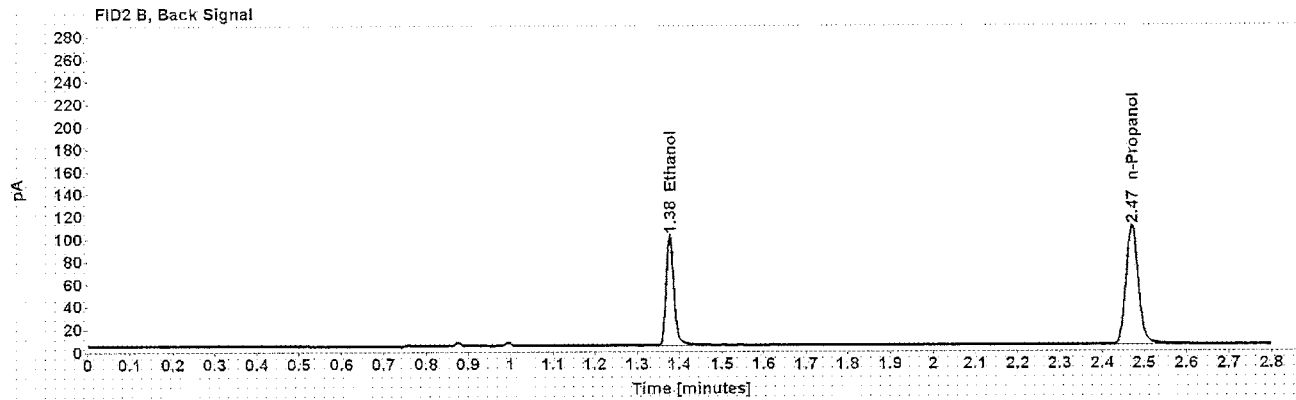
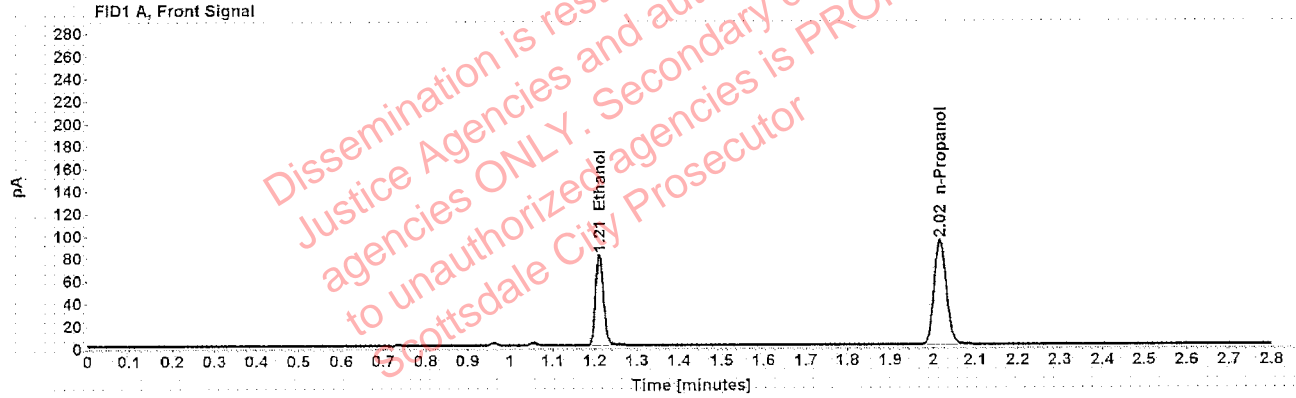


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1551	1.211	103.367
n-Propanol	-----	2.017	185.445

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

Compound	Time (min)	Peak Area
Ethanol	1.377	127.188
n-Propanol	2.470	220.892

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1303332	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 2:39:16 PM
Data file:	C:\Chem32\1\Data\27Jan20\30.D	Analyst:	Canonico

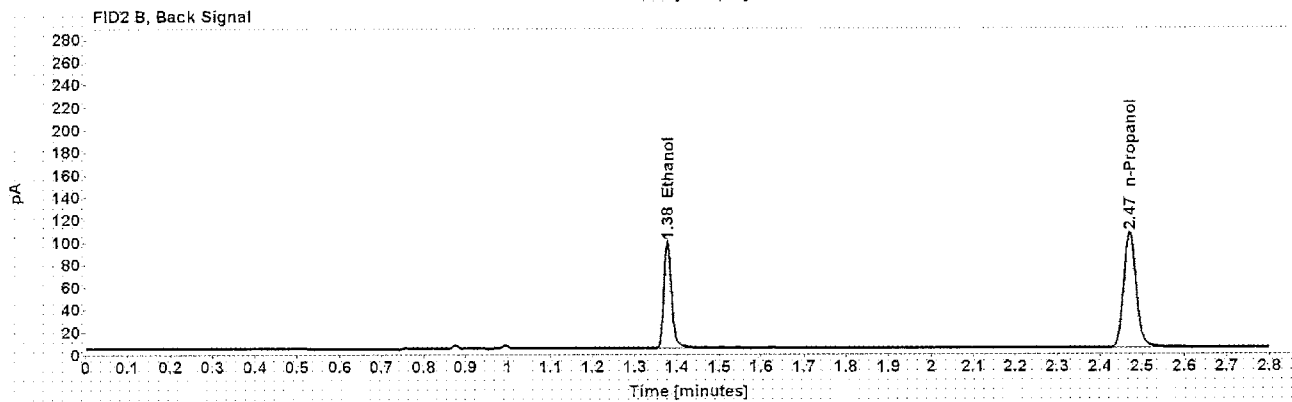
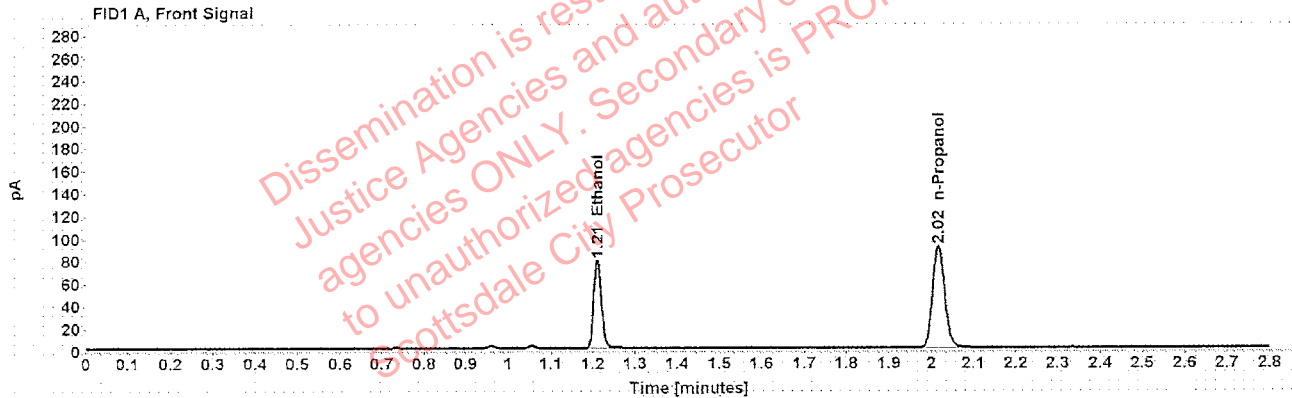


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1550	1.211	100.609
n-Propanol	-----	2.017	180.623

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

Compound	Time (min)	Peak Area
Ethanol	1.377	123.660
n-Propanol	2.470	214.254

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1305603	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 2:47:31 PM
Data file:	C:\Chem32\1\Data\27Jan20\32.D	Analyst:	Canonico

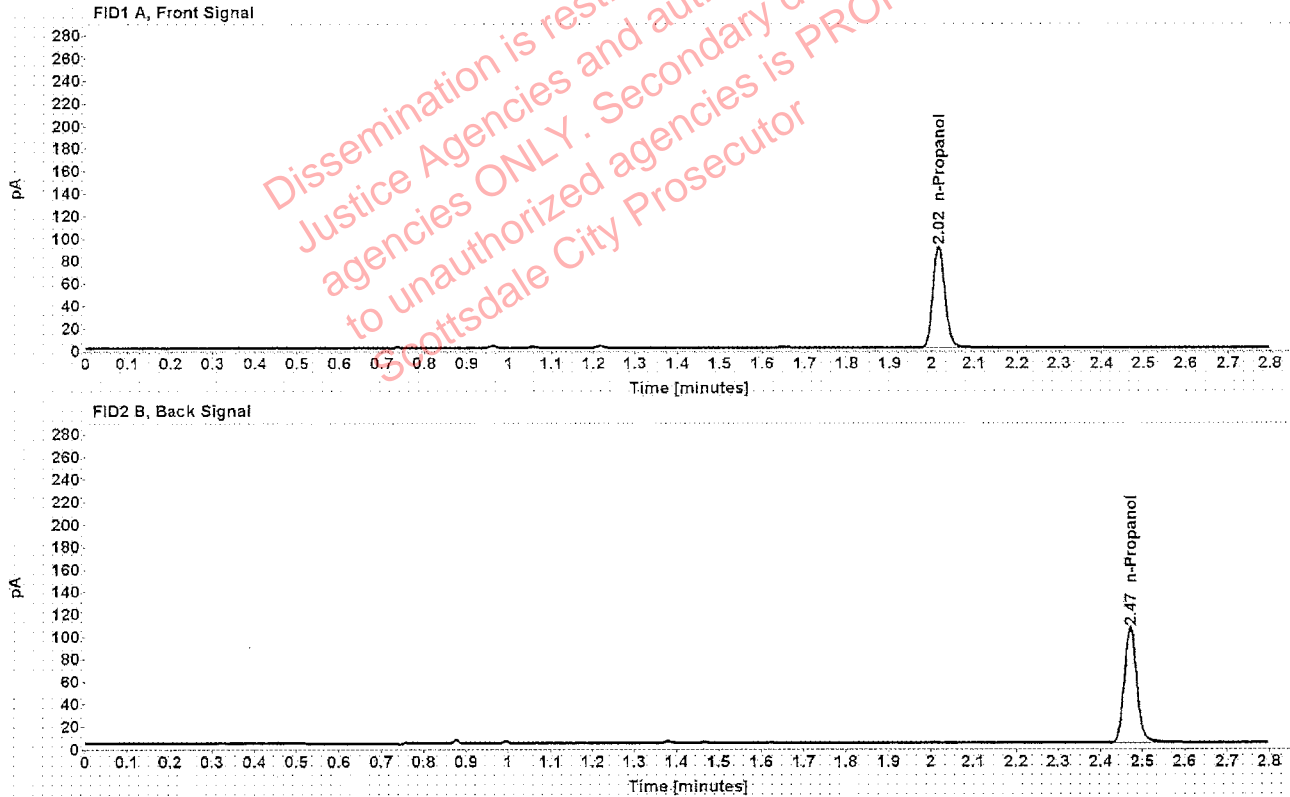


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	179.648

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	212.940

Case: [REDACTED] User: ecanonico 1/28/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1305603	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 2:51:32 PM
Data file:	C:\Chem32\1\Data\27Jan20\33.D	Analyst:	Canonico

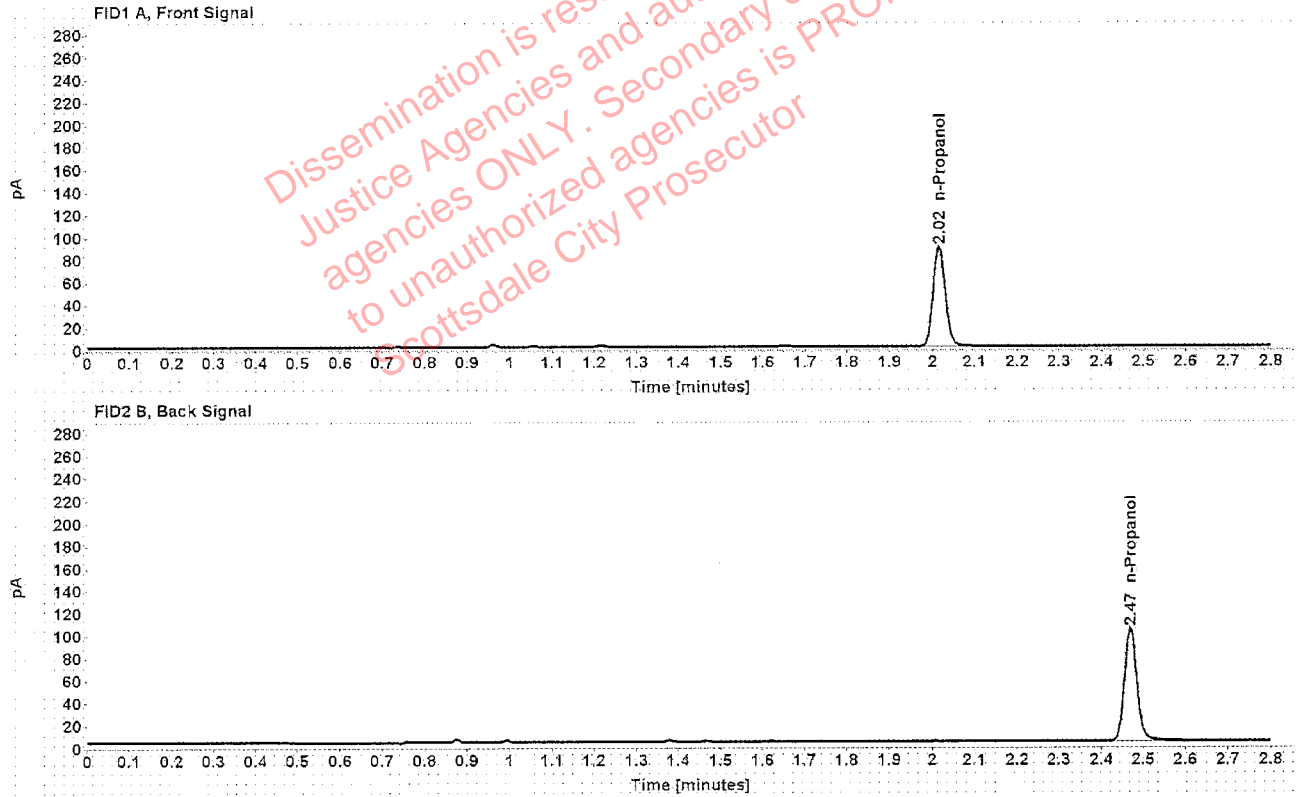


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	177.062

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

Compound	Time (min)	Peak Area
n-Propanol	2.469	210.045

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1305724	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 2:55:31 PM
Data file:	C:\Chem32\11\Data\27Jan20\34.D	Analyst:	Canonico

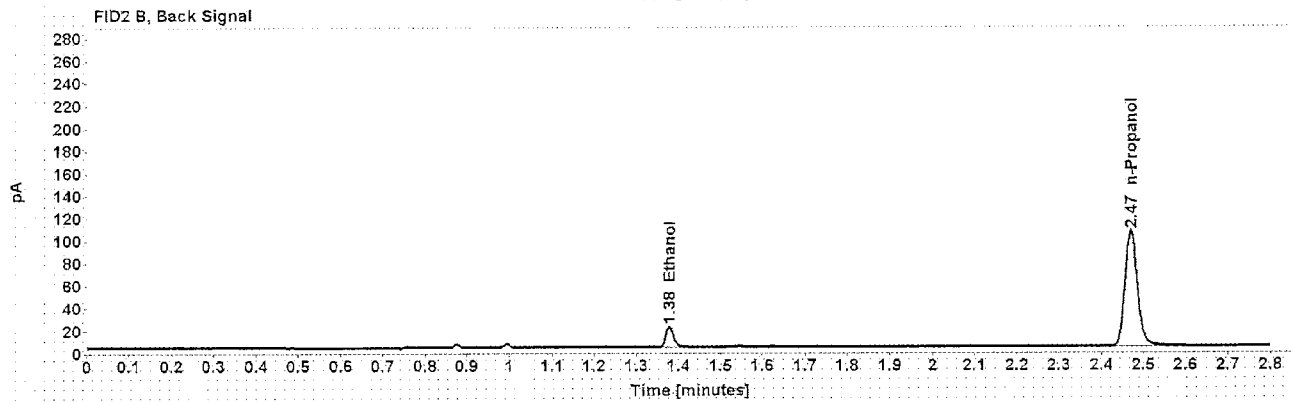
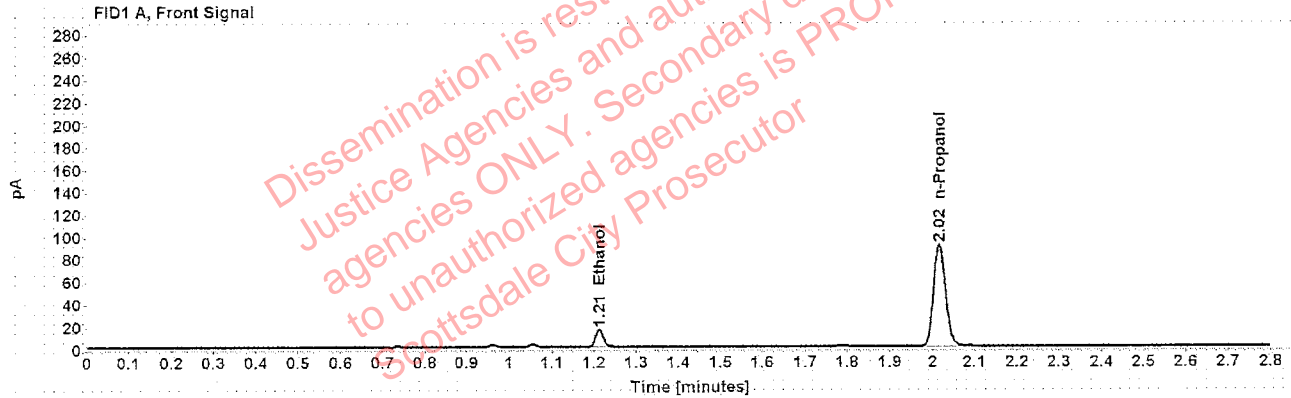


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0315	1.213	19.976
n-Propanol	-----	2.017	180.061

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

Compound	Time (min)	Peak Area
Ethanol	1.378	24.710
n-Propanol	2.470	213.850

Case: [REDACTED] User: ecanonico 1/28/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1305724	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 2:59:31 PM
Data file:	C:\Chem32\1\Data\27Jan20\35.D	Analyst:	Canonico

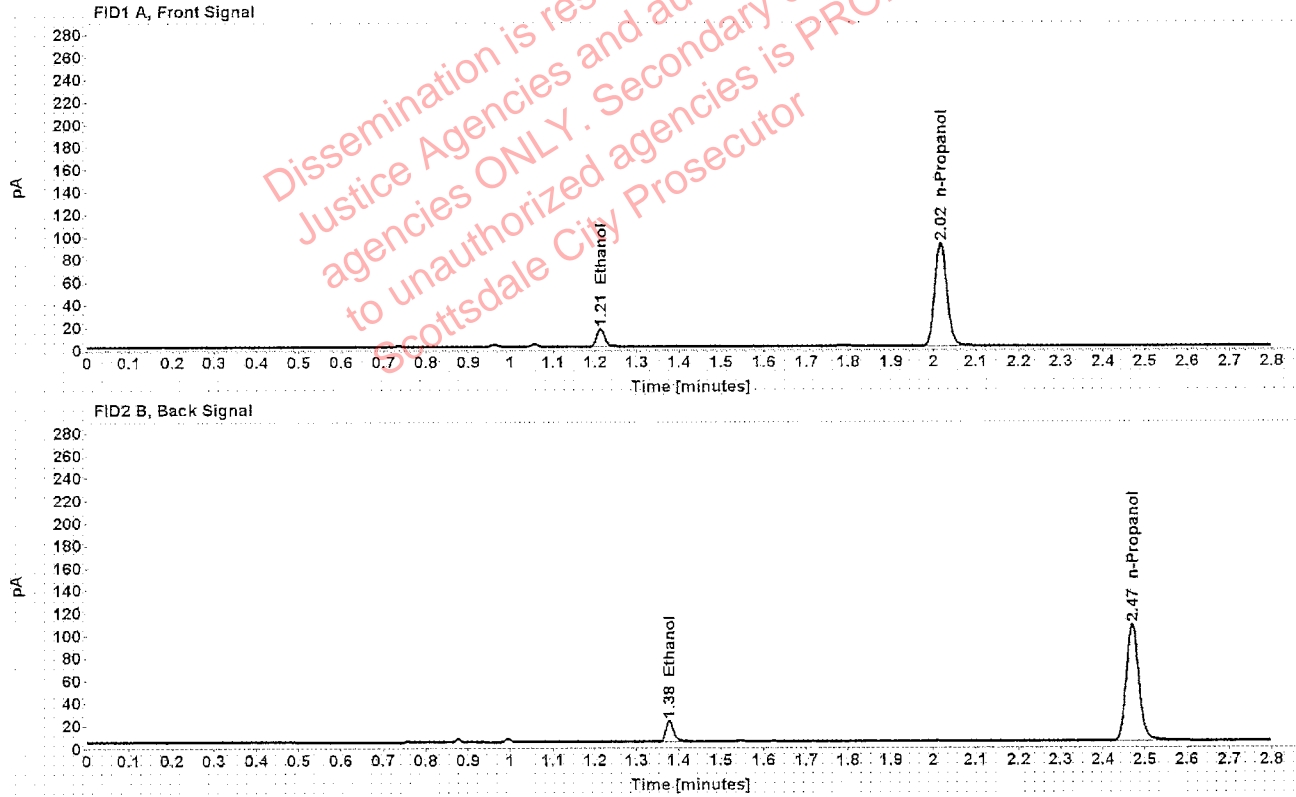


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0317	1.213	20.315
n-Propanol	-----	2.016	182.348

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

Compound	Time (min)	Peak Area
Ethanol	1.378	25.135
n-Propanol	2.470	216.385

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1303714	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 3:03:31 PM
Data file:	C:\Chem32\11\Data\27Jan20\36.D	Analyst:	Canonico

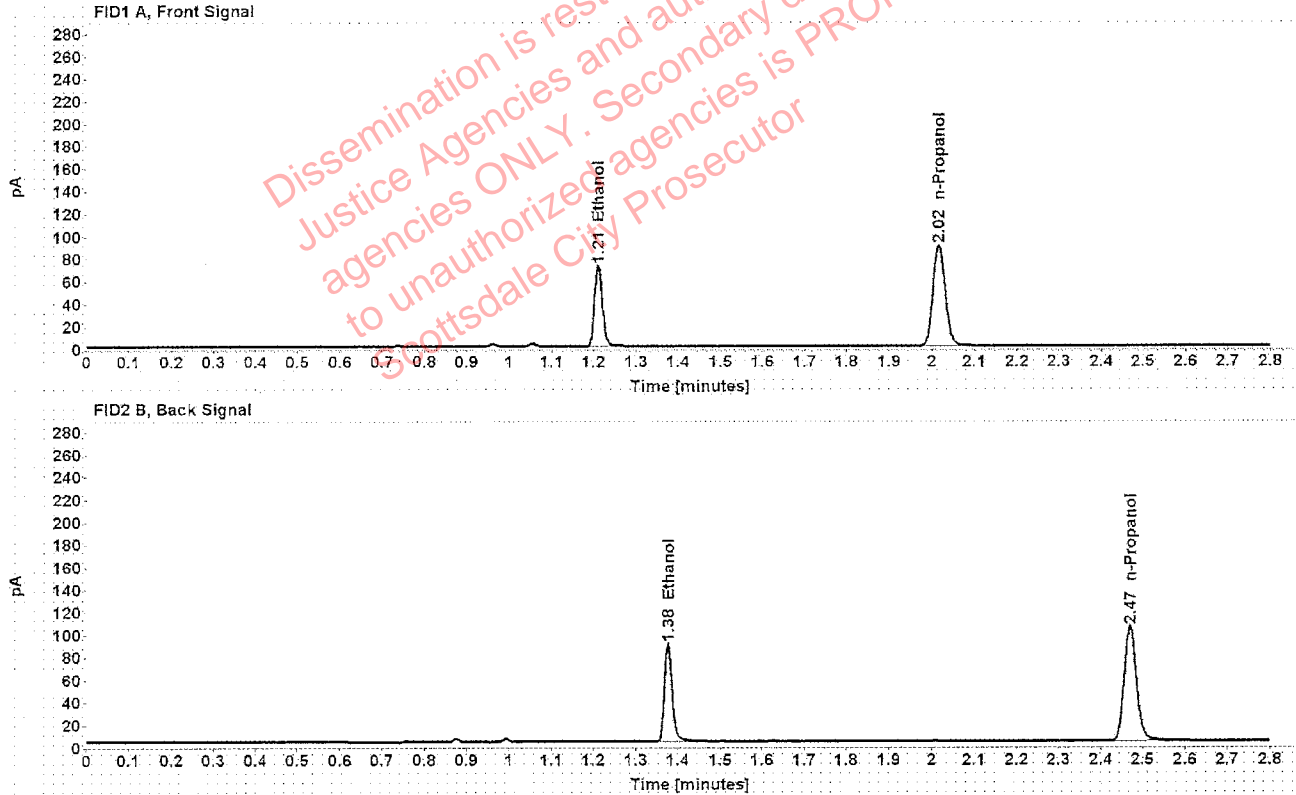


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1433	1.211	91.914
n-Propanol	-----	2.017	178.535

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

Compound	Time (min)	Peak Area
Ethanol	1.377	113.084
n-Propanol	2.470	211.448

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1303714	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 3:07:46 PM
Data file:	C:\Chem32\1\Data\27Jan20\37.D	Analyst:	Canonico

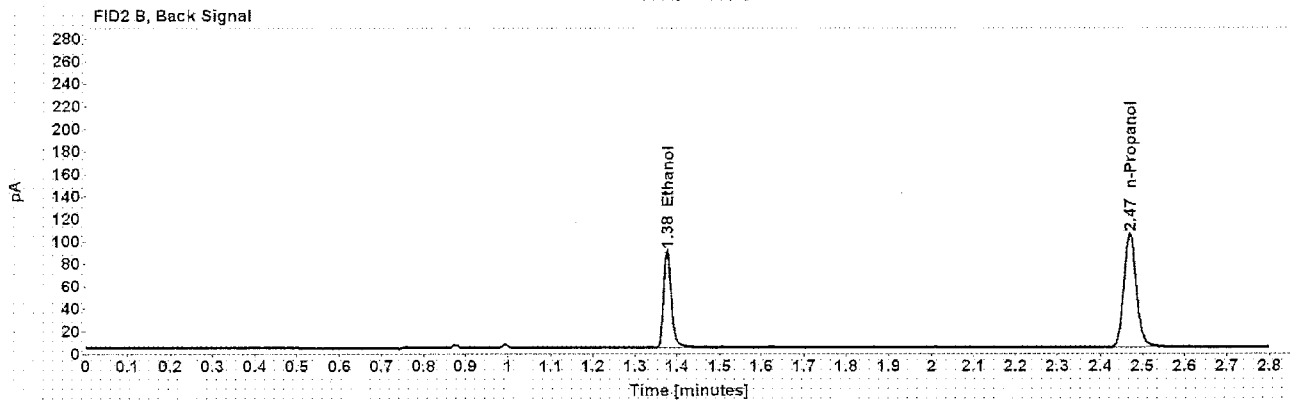
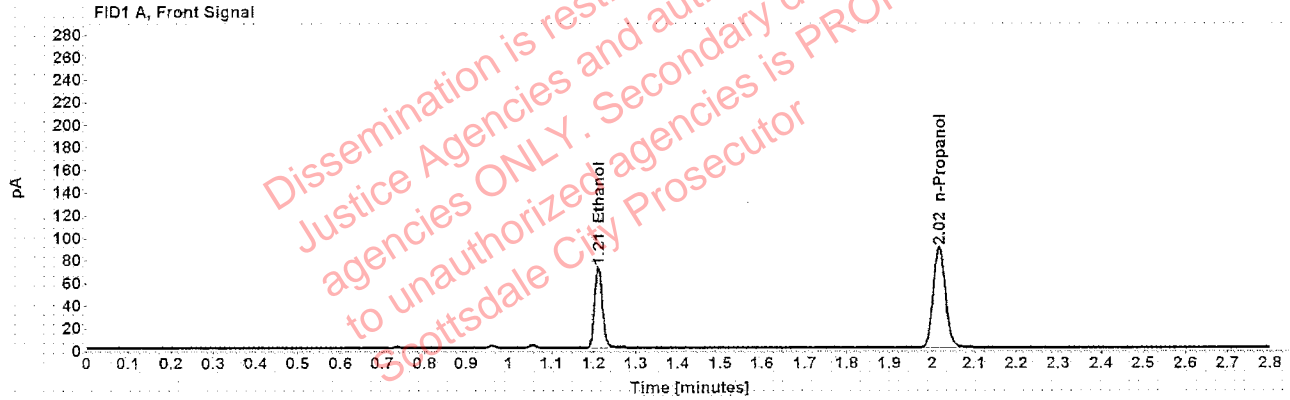


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1436	1.211	91.657
n-Propanol	-----	2.016	177.628

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

Compound	Time (min)	Peak Area
Ethanol	1.376	112.901
n-Propanol	2.470	209.615

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1301445	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 3:11:46 PM
Data file:	C:\Chem32\11\Data\27Jan20\38.D	Analyst:	Canonico

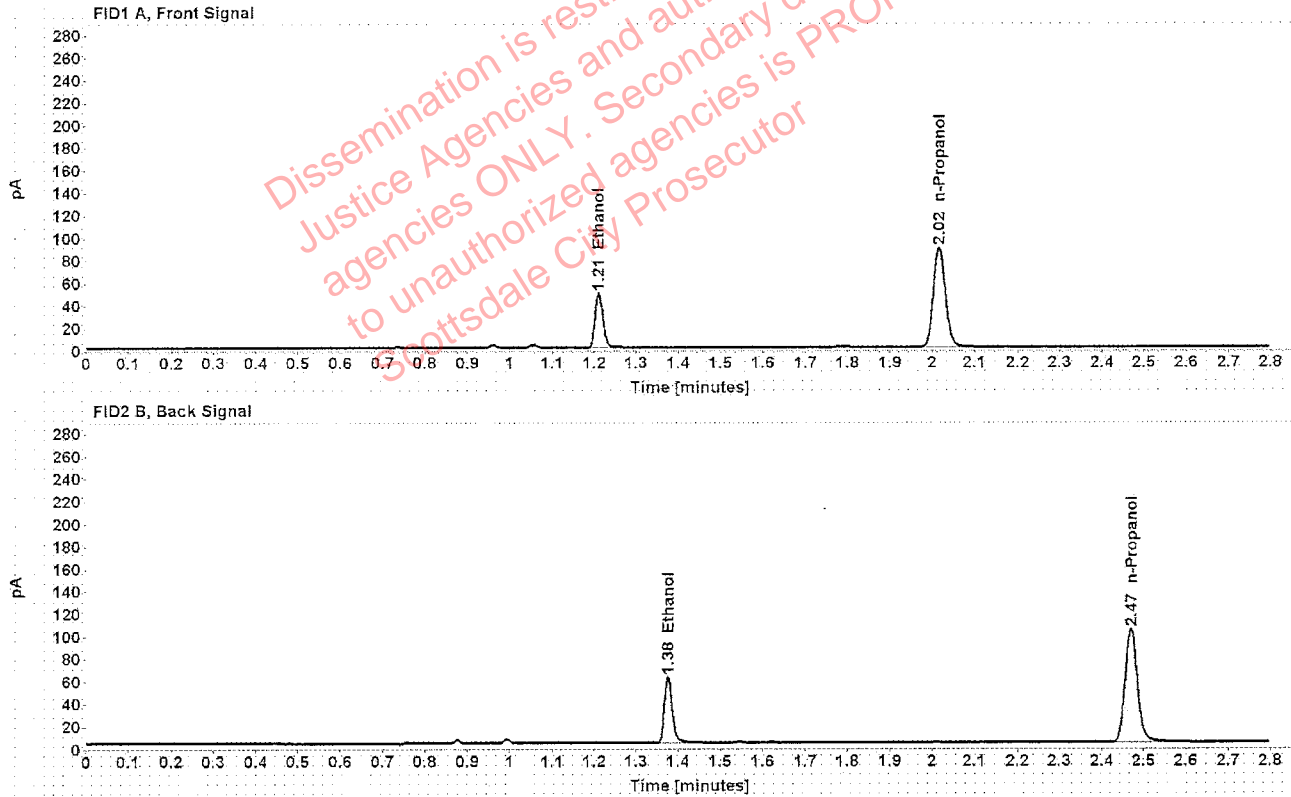


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0988	1.211	62.604
n-Propanol	-----	2.016	176.782

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

Compound	Time (min)	Peak Area
Ethanol	1.376	75.350
n-Propanol	2.469	210.420

Case: [REDACTED] User: ecanonico 1/28/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1301445	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	27Jan20
Instrument:	US14173023 CN14160045	Injection date:	1/27/2020 3:15:46 PM
Data file:	C:\Chem32\11\Data\27Jan20\39.D	Analyst:	Canonico

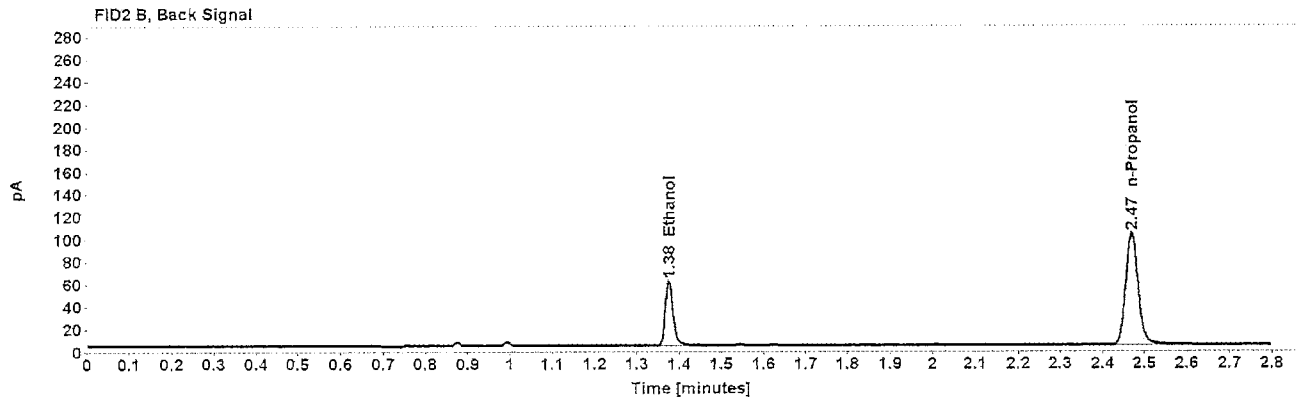
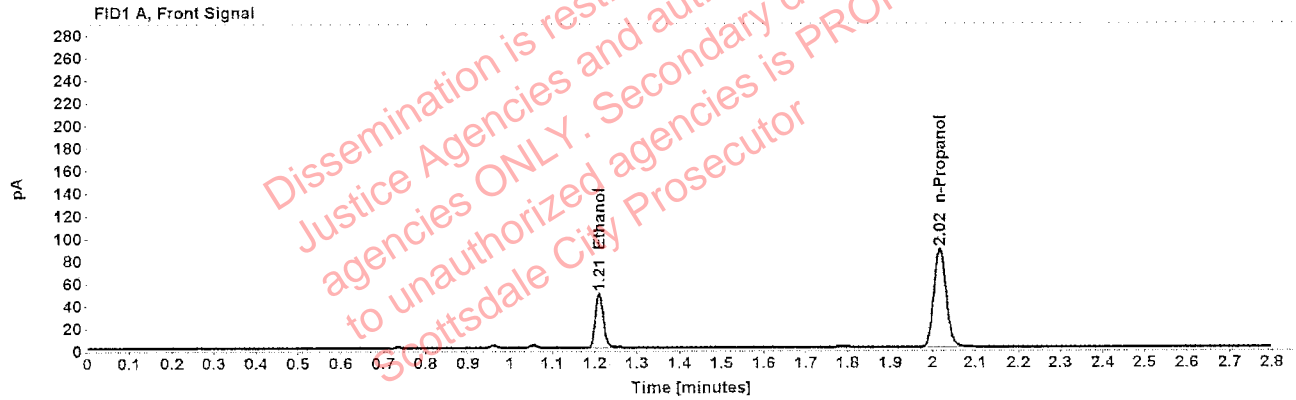


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0988	1.210	62.039
n-Propanol	-----	2.016	175.254

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

Compound	Time (min)	Peak Area
Ethanol	1.376	74.973
n-Propanol	2.469	208.614