

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 05/19/2020 SEQUENCE NAME 19May20

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 0.99994
 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 040720AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 070819MIX
7	Aqueous control	0.400 g/dL	0.408 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.041 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	0.080 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 03102016-A/1
34	Aqueous control	0.400 g/dL	0.405 g/dL	Lipomed 11092018-A
35	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
36	Blood control	0.198 g/dL	0.200 g/dL	ACQ 407041529/13
37	Blank	Not detected	Not detected	SPD lab 040919WB

SUBJECT SAMPLES

Subjects in the sequence 11 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected. The run also included four proficiency samples.

Run valid Run invalid Erika Canonic Analyst
 Run valid Run invalid Theresa Brown Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

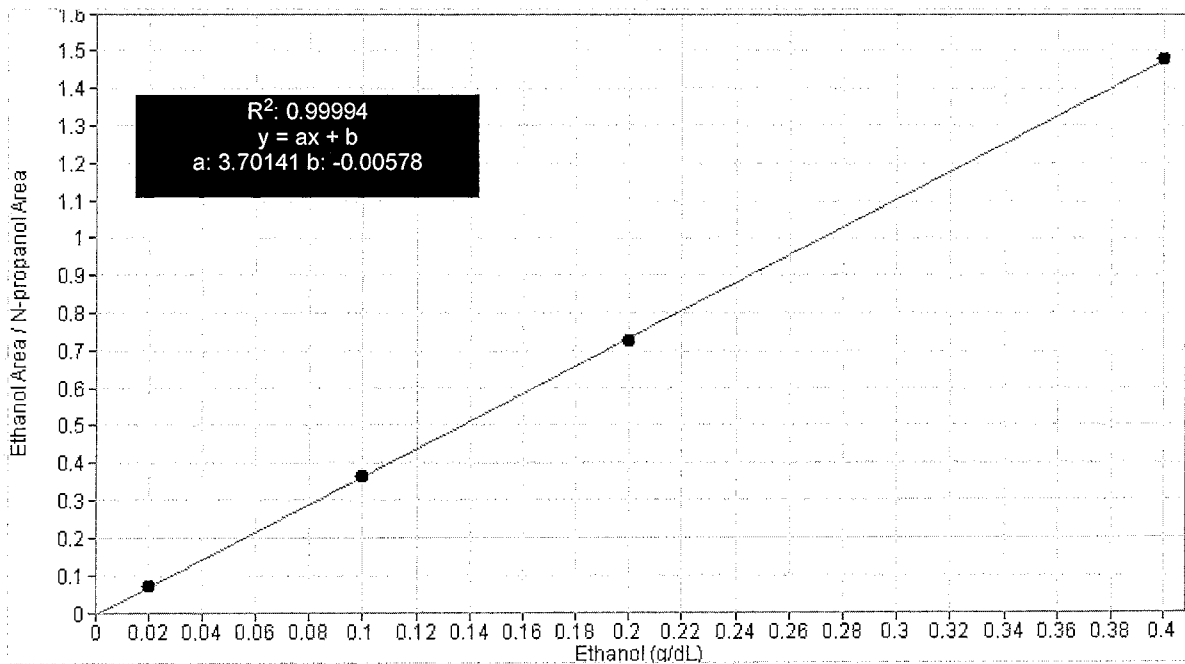
SEQUENCE NAME: 19May20

ANALYST: Canonico

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 040720AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.408	0.400	2.00	0.008
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.198 407041529/13	9	0.200	0.198	1.01	0.002
0.080 03102016-A/1	20	0.080	0.080	0.00	0.000
0.080 03102016-A/1	31	0.081	0.080	1.25	0.001
0.400 11092018-A	34	0.405	0.400	1.25	0.005
0.040 14082019-B	35	0.041	0.040	2.50	0.001
0.198 407041529/13	36	0.200	0.198	1.01	0.002
blank 040919WB	37	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.359	173.191	0.071
0.100	61.843	169.445	0.365
0.200	121.569	167.061	0.728
0.400	247.624	167.553	1.478

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03241604	Vial: 1
Description: 0.020 calibrator	Sequence: 19May20
Method: ethanol quant.M	Injection date: 5/19/2020 1:16:30 PM
Instrument: US14173023 CN14160045	Analyst: Canonico ee
Data file: C:\Chem32\1\Data\19May20\1.D	

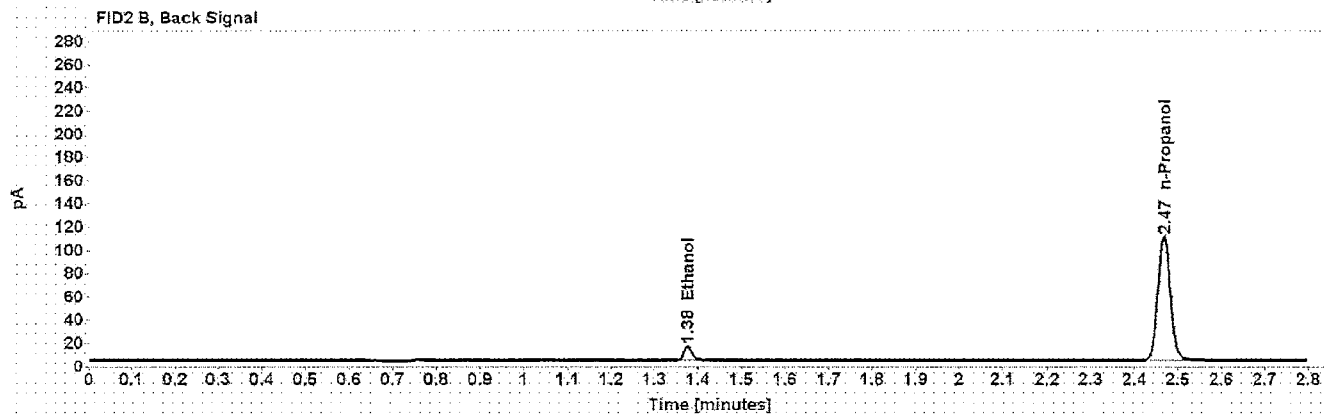
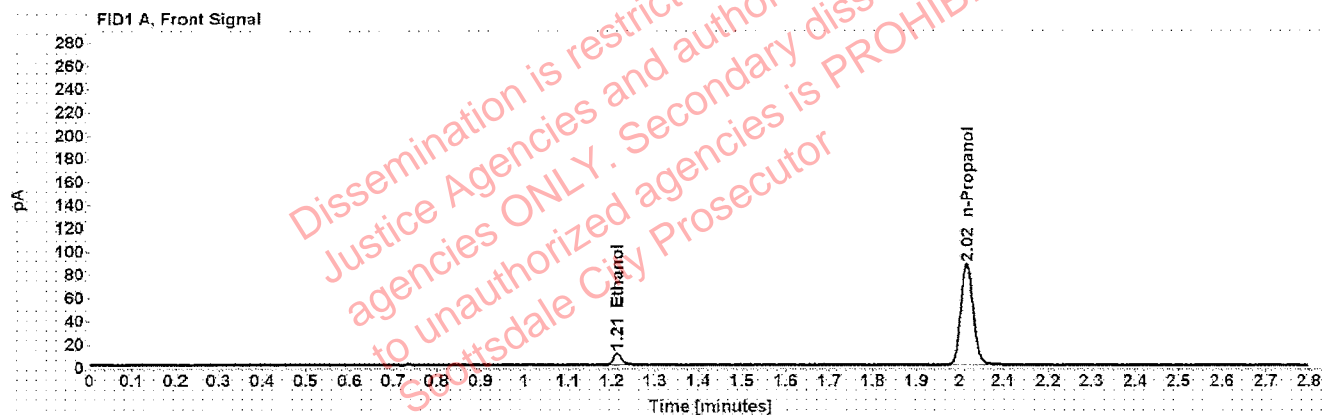


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	12.359
n-Propanol	2.016	173.191

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

Compound	Time (min)	Peak Area
Ethanol	1.377	15.464
n-Propanol	2.468	215.419

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02271802	Vial: 2
Description: 0.100 calibrator	Sequence: 19May20
Method: ethanol quant.M	Injection date: 5/19/2020 1:20:30 PM
Instrument: US14173023 CN14160045	Analyst: Canonico <i>ee</i>
Data file: C:\Chem32\1\Data\19May20\2.D	

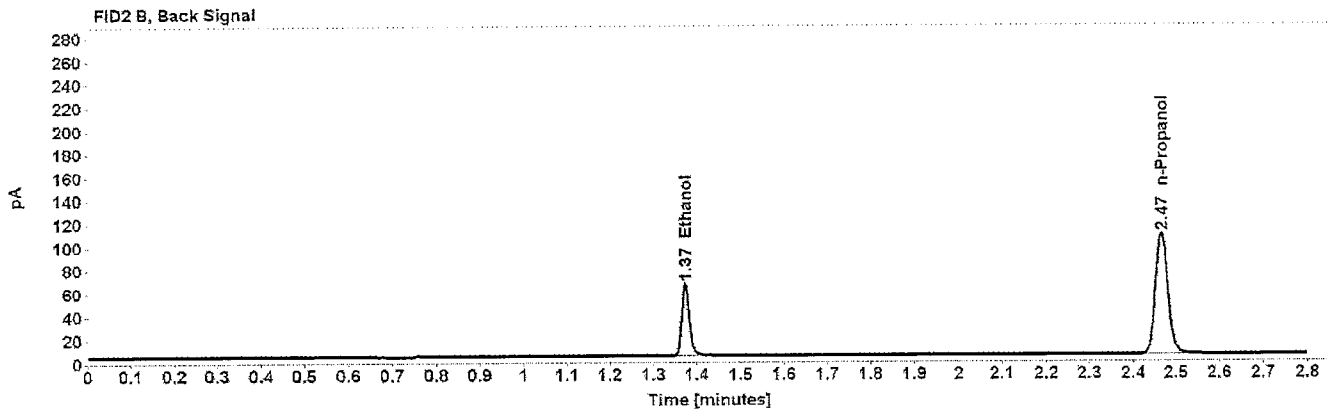
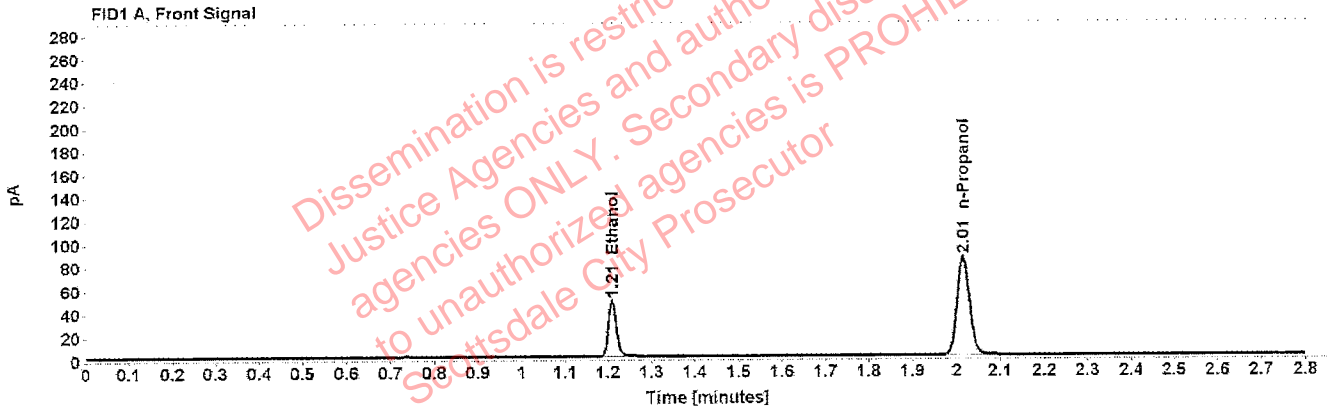


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	61.843
n-Propanol	2.015	169.445

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

Compound	Time (min)	Peak Area
Ethanol	1.374	77.287
n-Propanol	2.466	210.756

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06231704	Vial: 3
Description: 0.200 calibrator	Sequence: 19May20
Method: ethanol quant.M	Injection date: 5/19/2020 1:24:29 PM
Instrument: US14173023 CN14160045	Analyst: Canonico ee
Data file: C:\Chem32\1\Data\19May20\3.D	

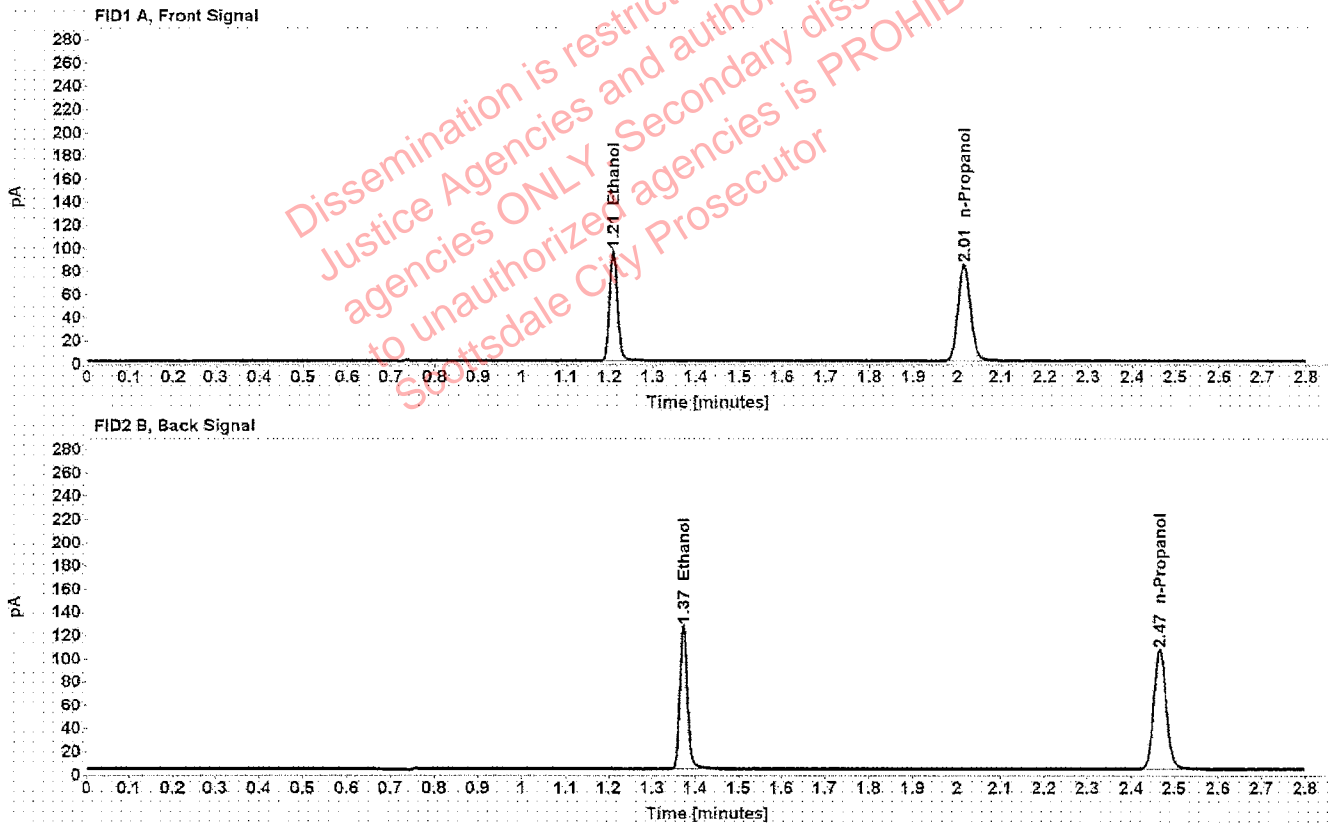


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	121.569
n-Propanol	2.015	167.061

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

Compound	Time (min)	Peak Area
Ethanol	1.373	152.737
n-Propanol	2.466	207.859

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05131606	Vial: 4
Description: 0.400 calibrator	Sequence: 19May20
Method: ethanol quant.M	Injection date: 5/19/2020 1:28:30 PM
Instrument: US14173023 CN14160045	Analyst: Canonico ee
Data file: C:\Chem32\1\Data\19May20\4.D	

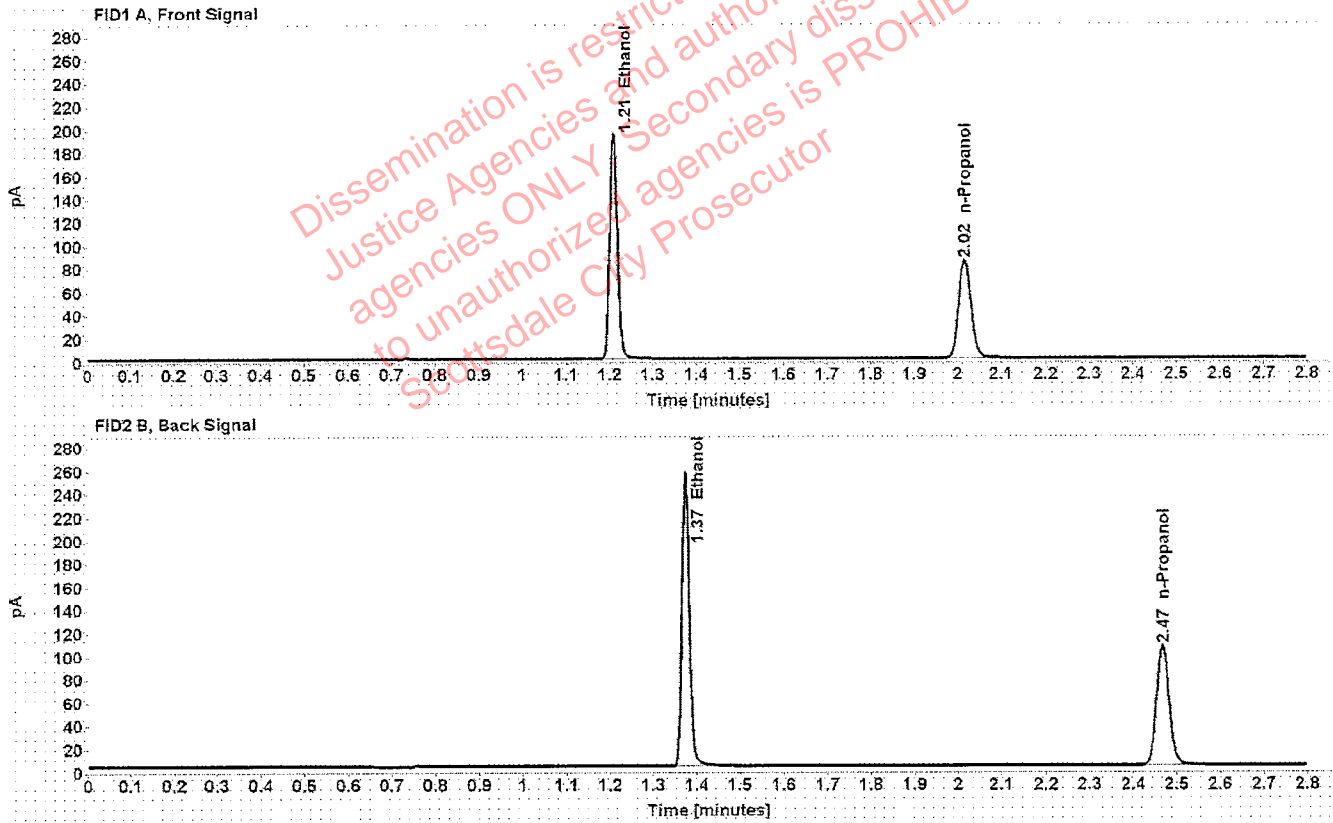


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	247.624
n-Propanol	2.016	167.553

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

Compound	Time (min)	Peak Area
Ethanol	1.374	311.667
n-Propanol	2.468	208.649

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	040720AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 1:32:29 PM
Data file:	C:\Chem32\1\Data\19May20\5.D	Analyst:	Canonico <i>cc</i>

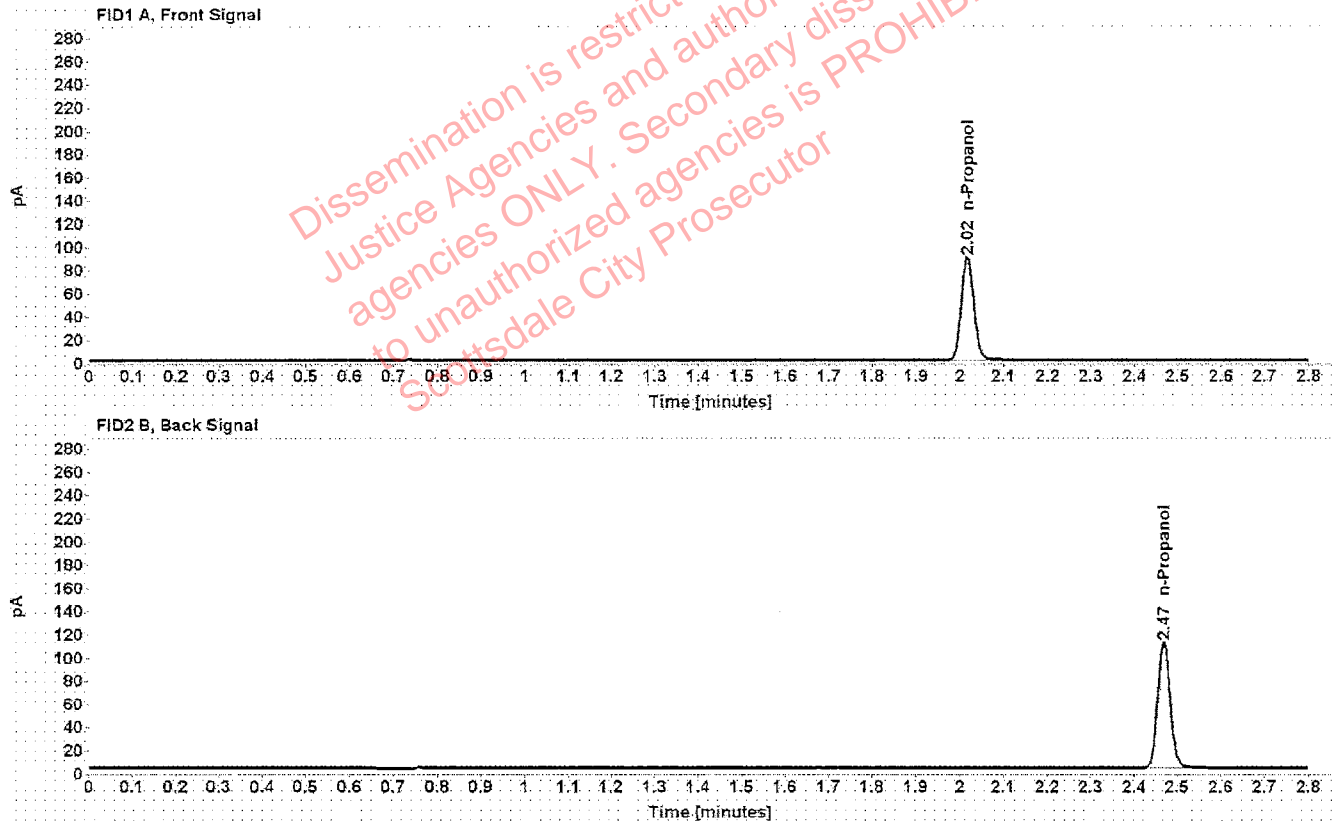


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	177.080

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

Compound	Time (min)	Peak Area
n-Propanol	2.469	219.826

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	070819MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 1:36:29 PM
Data file:	C:\Chem32\1\Data\19May20\6.D	Analyst:	Canonico

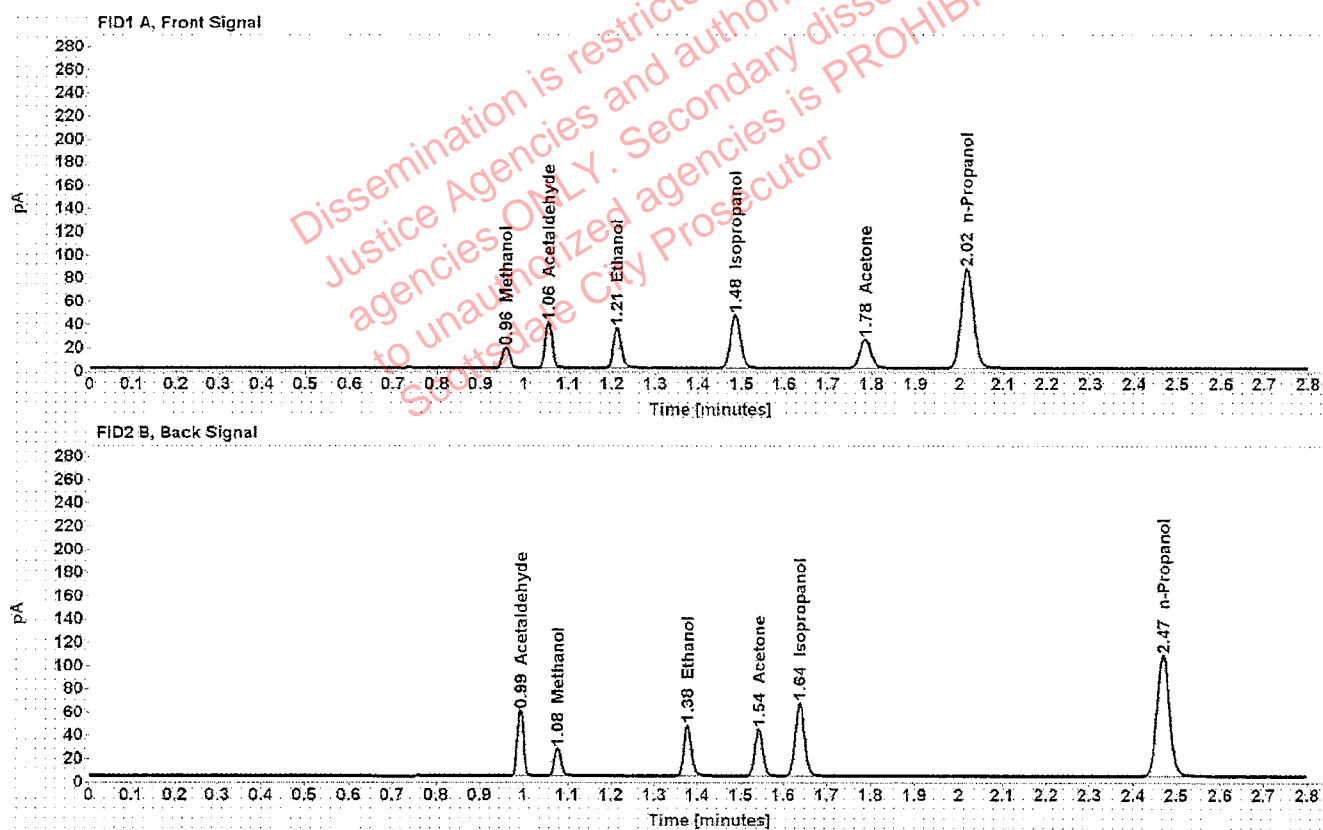


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.958	19.861
Acetaldehyde	-----	1.055	42.975
>Ethanol	0.0715	1.212	44.085
Isopropanol	-----	1.485	73.664
Acetone	-----	1.785	42.744
n-Propanol	-----	2.017	170.414

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	55.941
Methanol	1.078	25.624
Ethanol	1.377	55.130
Acetone	1.542	53.611
Isopropanol	1.638	95.119
n-Propanol	2.469	211.753

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 19May20
Instrument: US14173023 CN14160045	Injection date: 5/19/2020 1:40:45 PM
Data file: C:\Chem32\1\Data\19May20\7.D	Analyst: Canonico <i>EC</i>

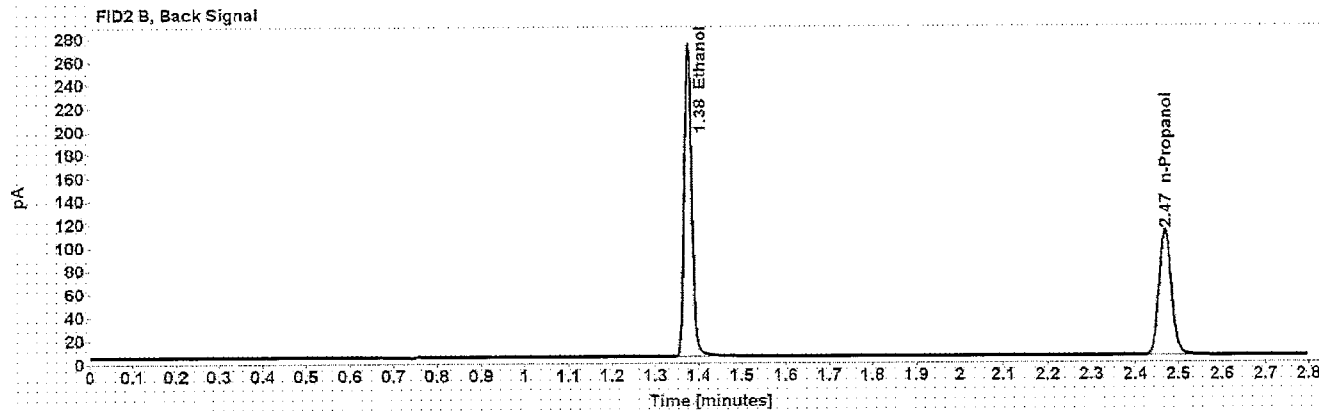
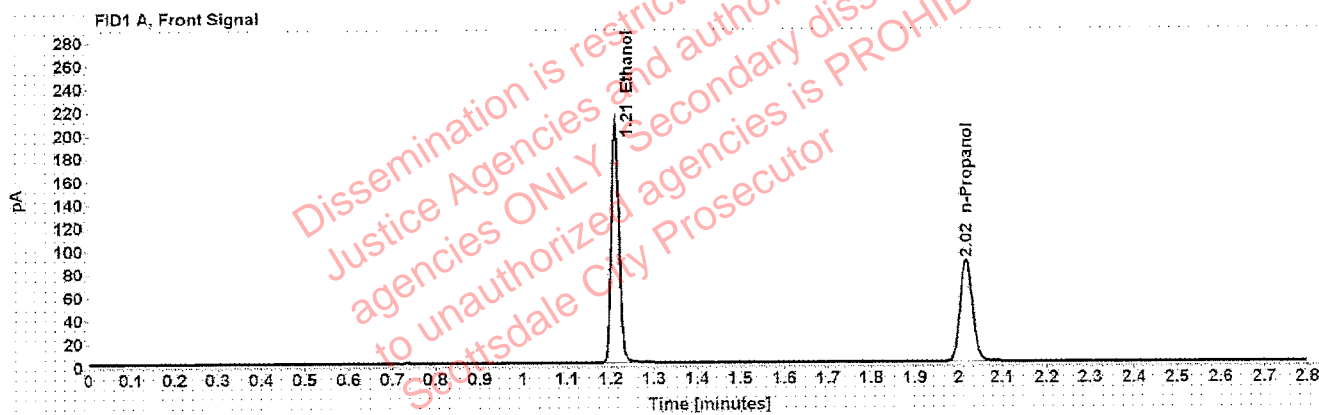


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4089	1.210	263.784
n-Propanol	-----	2.017	174.967

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

Compound	Time (min)	Peak Area
Ethanol	1.376	331.541
n-Propanol	2.469	217.543

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 19May20
Instrument: US14173023 CN14160045	Injection date: 5/19/2020 1:44:44 PM
Data file: C:\Chem32\1\Data\19May20\8.D	Analyst: Canonico <i>cc</i>

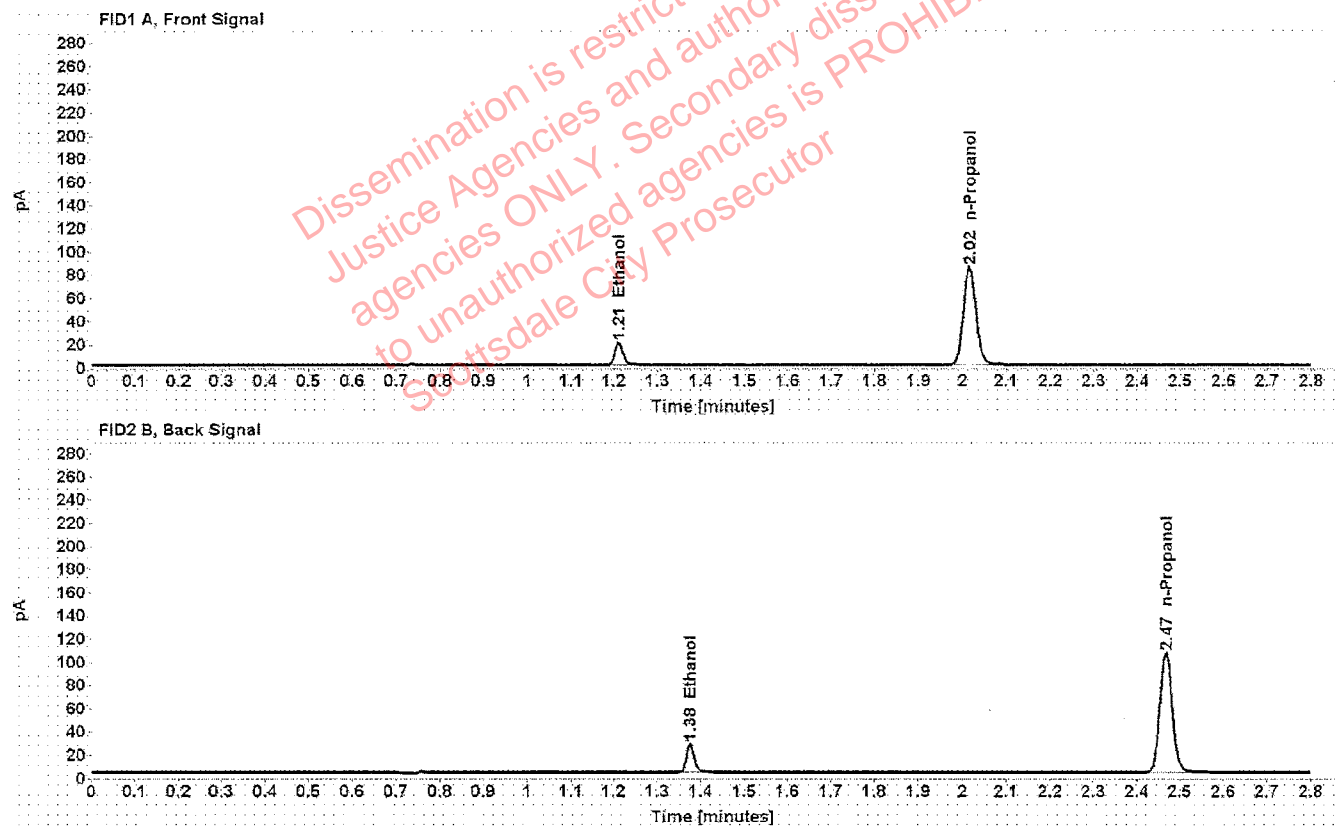


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.211	24.545
n-Propanol	-----	2.016	168.192

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

Compound	Time (min)	Peak Area
Ethanol	1.376	30.596
n-Propanol	2.468	208.633

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 19May20
Instrument: US14173023 CN14160045	Injection date: 5/19/2020 1:48:45 PM
Data file: C:\Chem32\1\Data\19May20\9.D	Analyst: Canonico <i>EC</i>

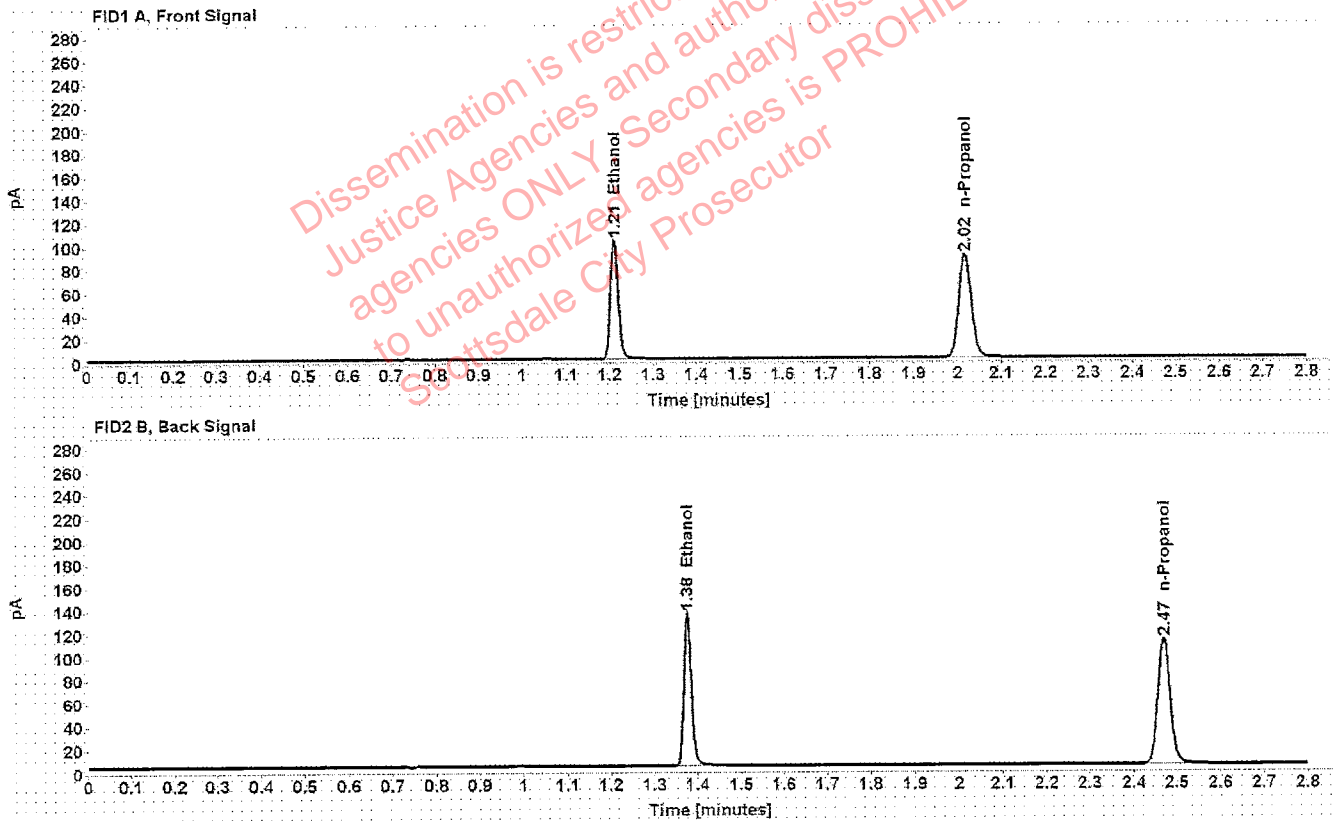


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2008	1.211	130.661
n-Propanol	-----	2.017	177.160

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

Compound	Time (min)	Peak Area
Ethanol	1.376	163.901
n-Propanol	2.469	220.026

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 19May20
Instrument: US14173023 CN14160045	Injection date: 5/19/2020 2:33:15 PM
Data file: C:\Chem32\1\Data\19May20\20.D	Analyst: Canonico <i>ee</i>

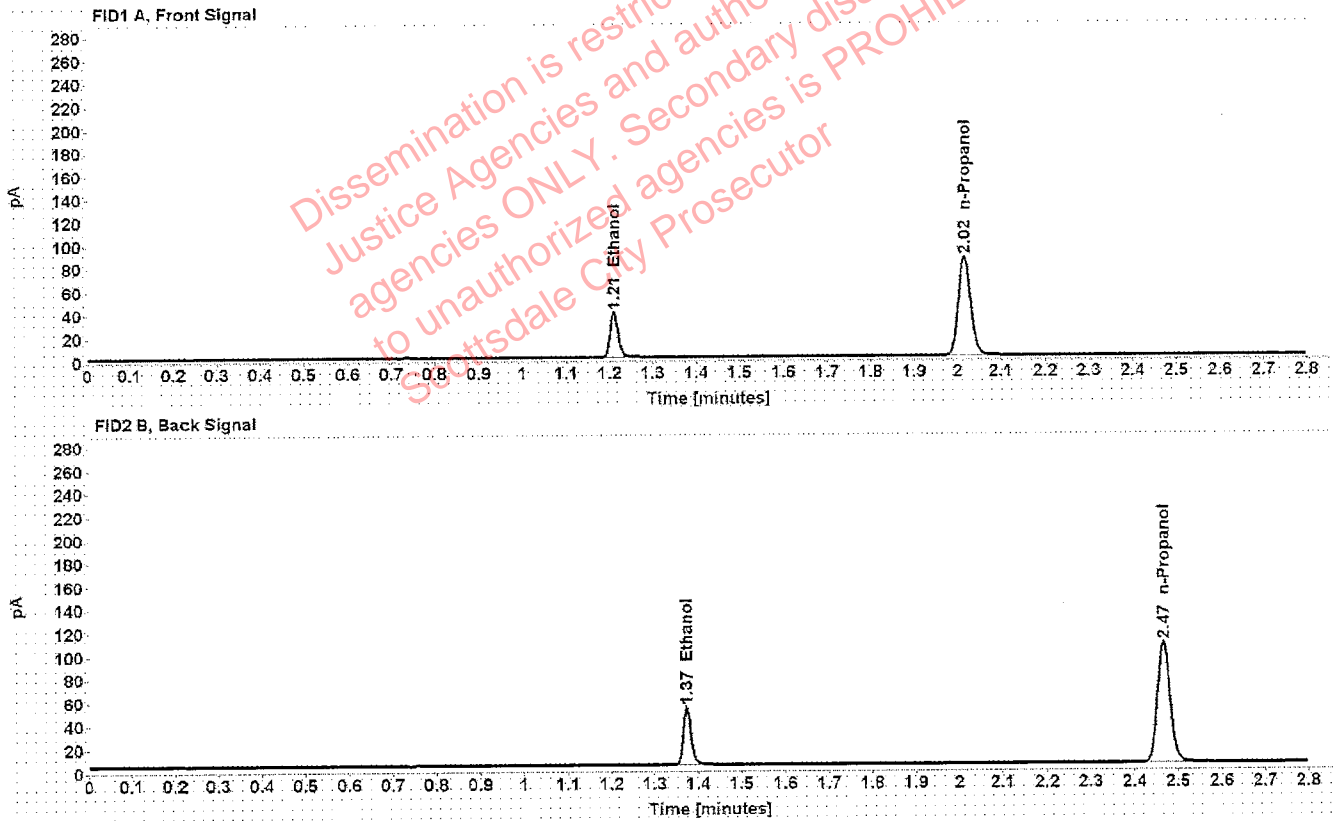


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0808	1.210	49.791
n-Propanol	-----	2.015	169.865

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

Compound	Time (min)	Peak Area
Ethanol	1.374	61.870
n-Propanol	2.467	210.214

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 19May20
Instrument: US14173023 CN14160045	Injection date: 5/19/2020 3:17:45 PM
Data file: C:\Chem32\1\Data\19May20\31.D	Analyst: Canonico <i>CC</i>

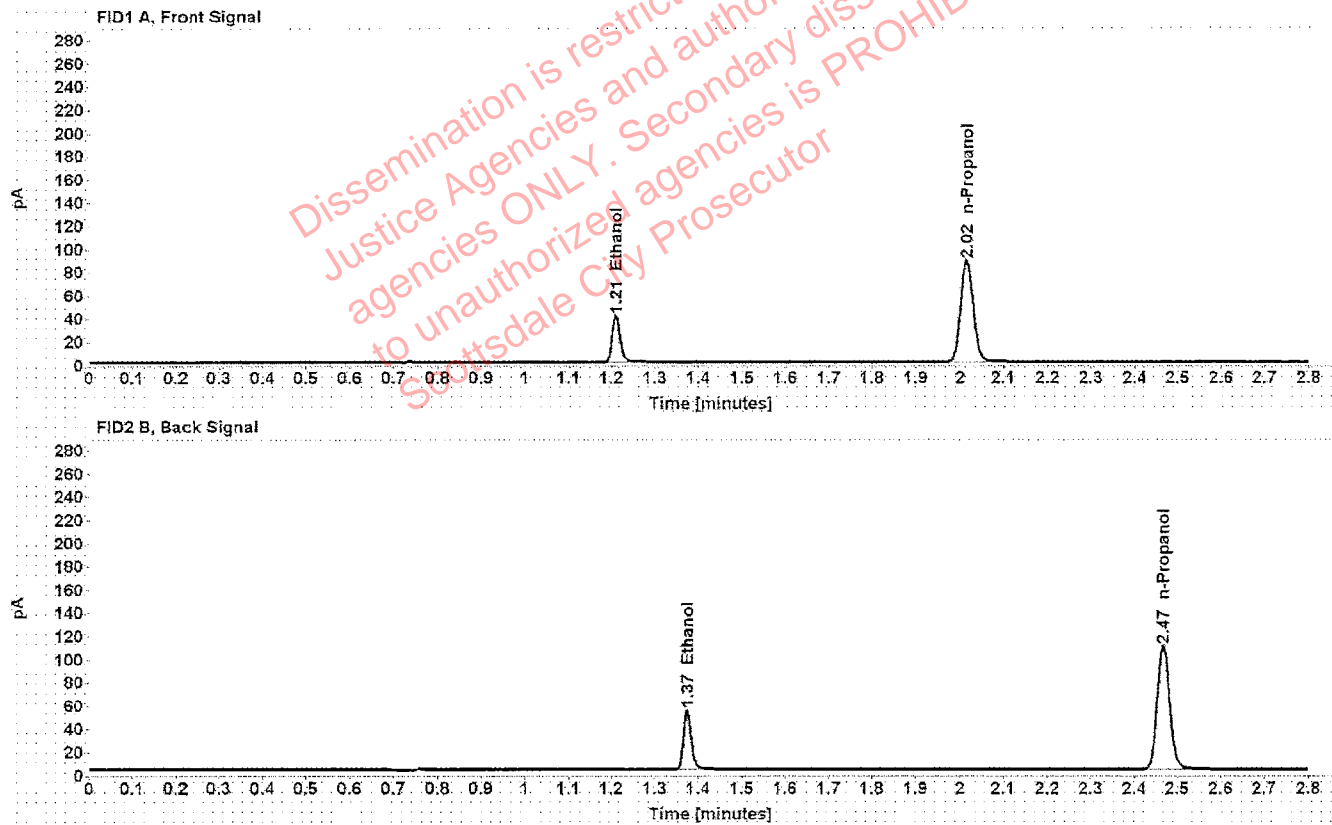


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0812	1.210	51.534
n-Propanol	-----	2.016	174.725

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

Compound	Time (min)	Peak Area
Ethanol	1.375	63.897
n-Propanol	2.468	215.816

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 34
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 19May20
Instrument: US14173023 CN14160045	Injection date: 5/19/2020 3:29:45 PM
Data file: C:\Chem32\1\Data\19May20\34.D	Analyst: Canonico <i>EE</i>

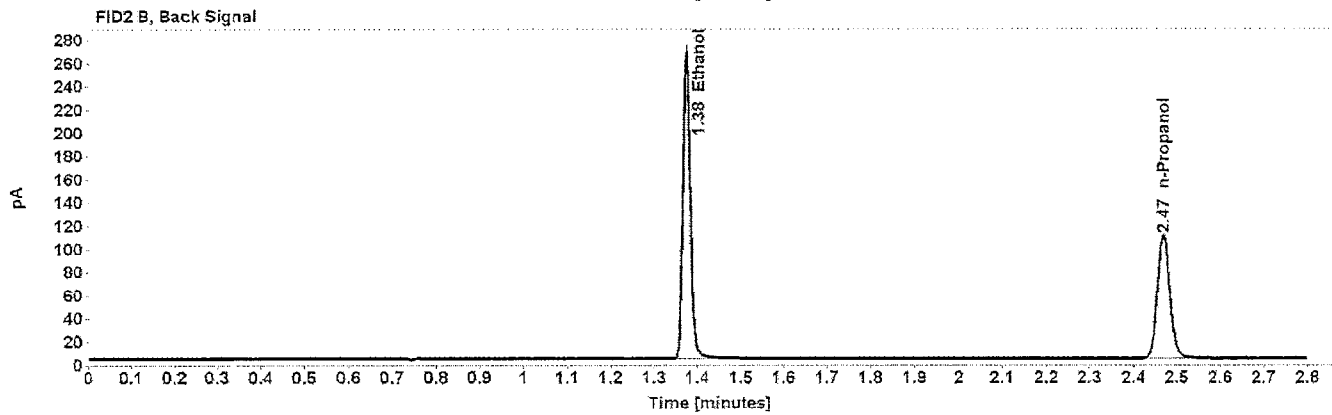
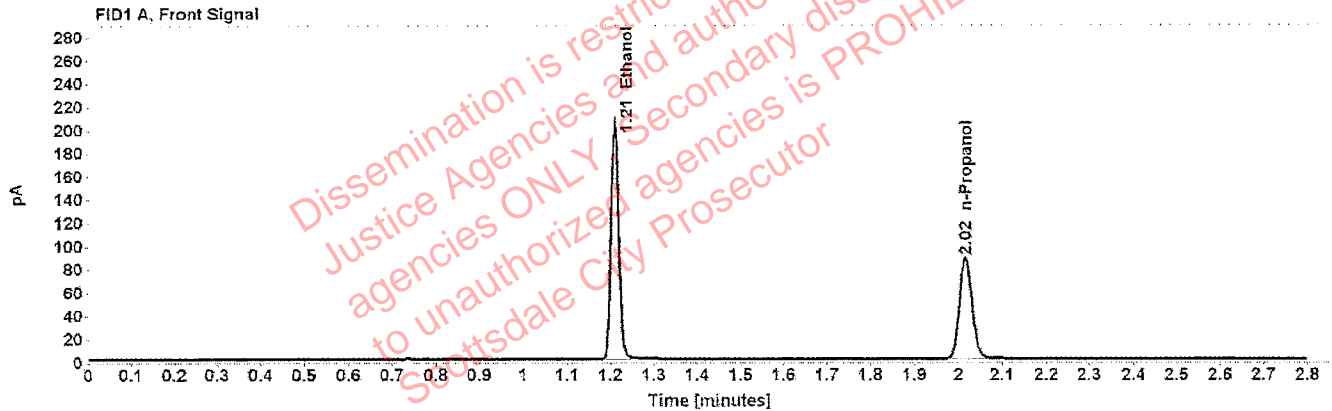


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4053	1.210	259.913
n-Propanol	-----	2.016	173.918

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

Compound	Time (min)	Peak Area
Ethanol	1.375	326.150
n-Propanol	2.469	215.592

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 35
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 19May20
Instrument: US14173023 CN14160045	Injection date: 5/19/2020 3:33:44 PM
Data file: C:\Chem32\1\Data\19May20\35.D	Analyst: Canonico <i>EC</i>

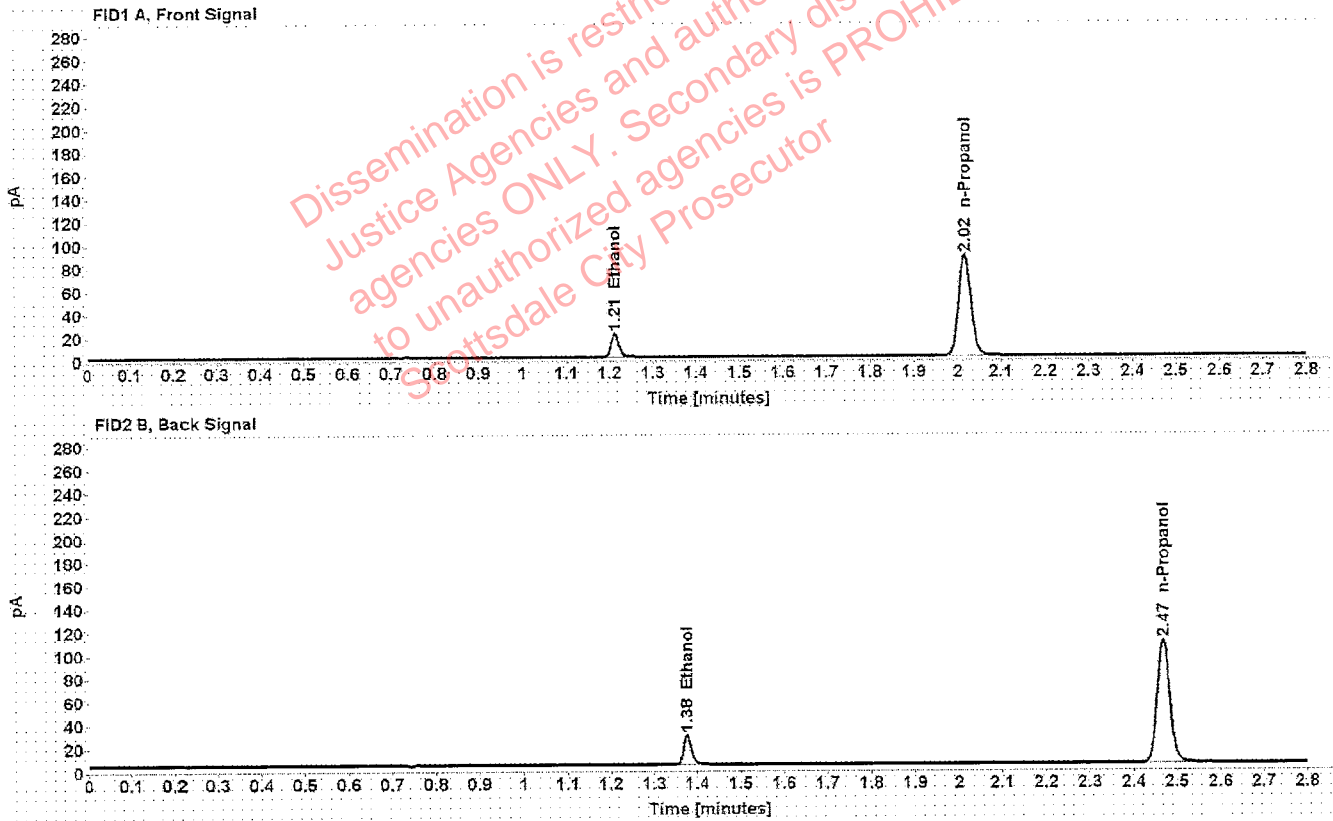


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0414	1.212	25.630
n-Propanol	-----	2.016	173.651

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

Compound	Time (min)	Peak Area
Ethanol	1.376	31.954
n-Propanol	2.468	214.870

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 36
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 19May20
Instrument: US14173023 CN14160045	Injection date: 5/19/2020 3:37:44 PM
Data file: C:\Chem32\1\Data\19May20\36.D	Analyst: Canonico

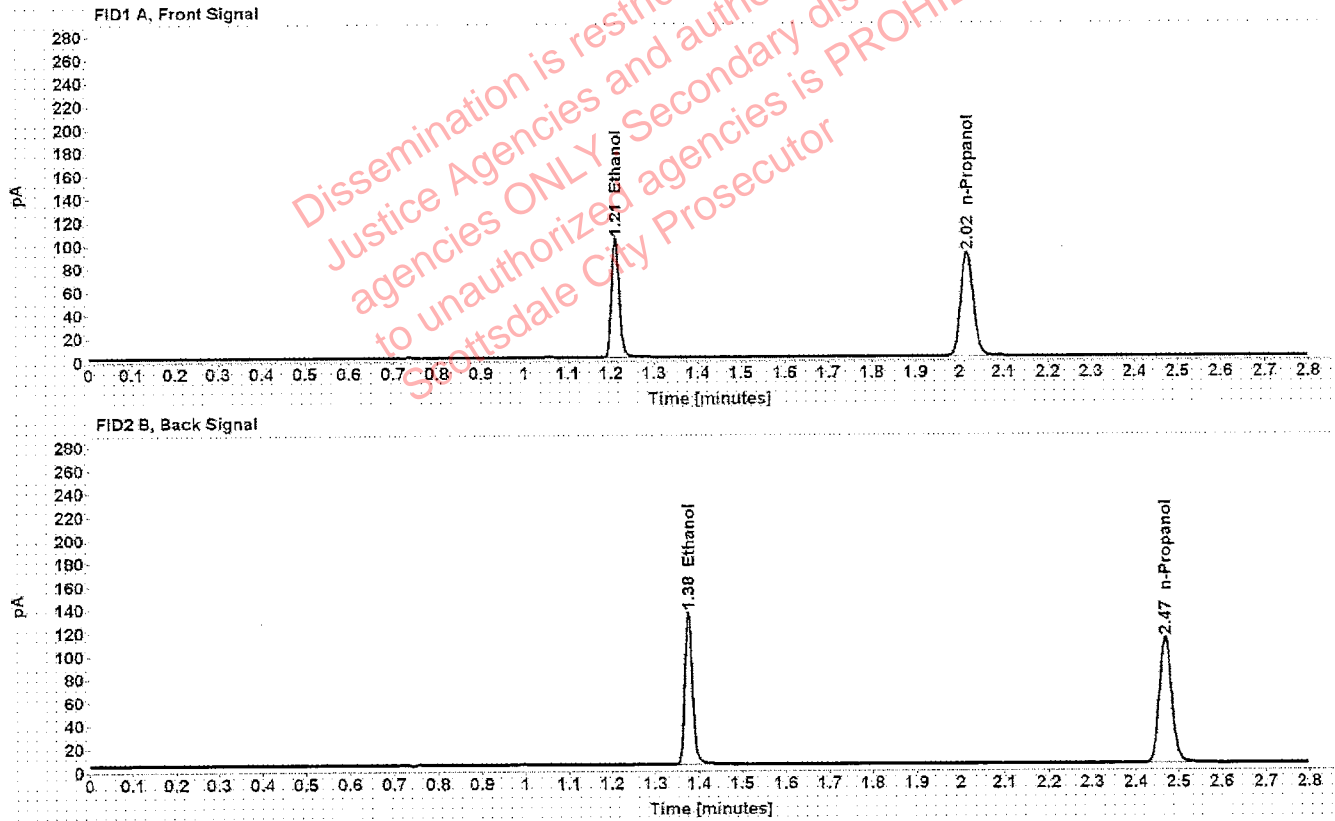


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2005	1.210	131.041
n-Propanol	-----	2.016	177.997

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

Compound	Time (min)	Peak Area
Ethanol	1.376	164.169
n-Propanol	2.469	220.503

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	040919WB	Vial:	37
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 3:42:00 PM
Data file:	C:\Chem32\1\Data\19May20\37.D	Analyst:	Canonico <i>cc</i>

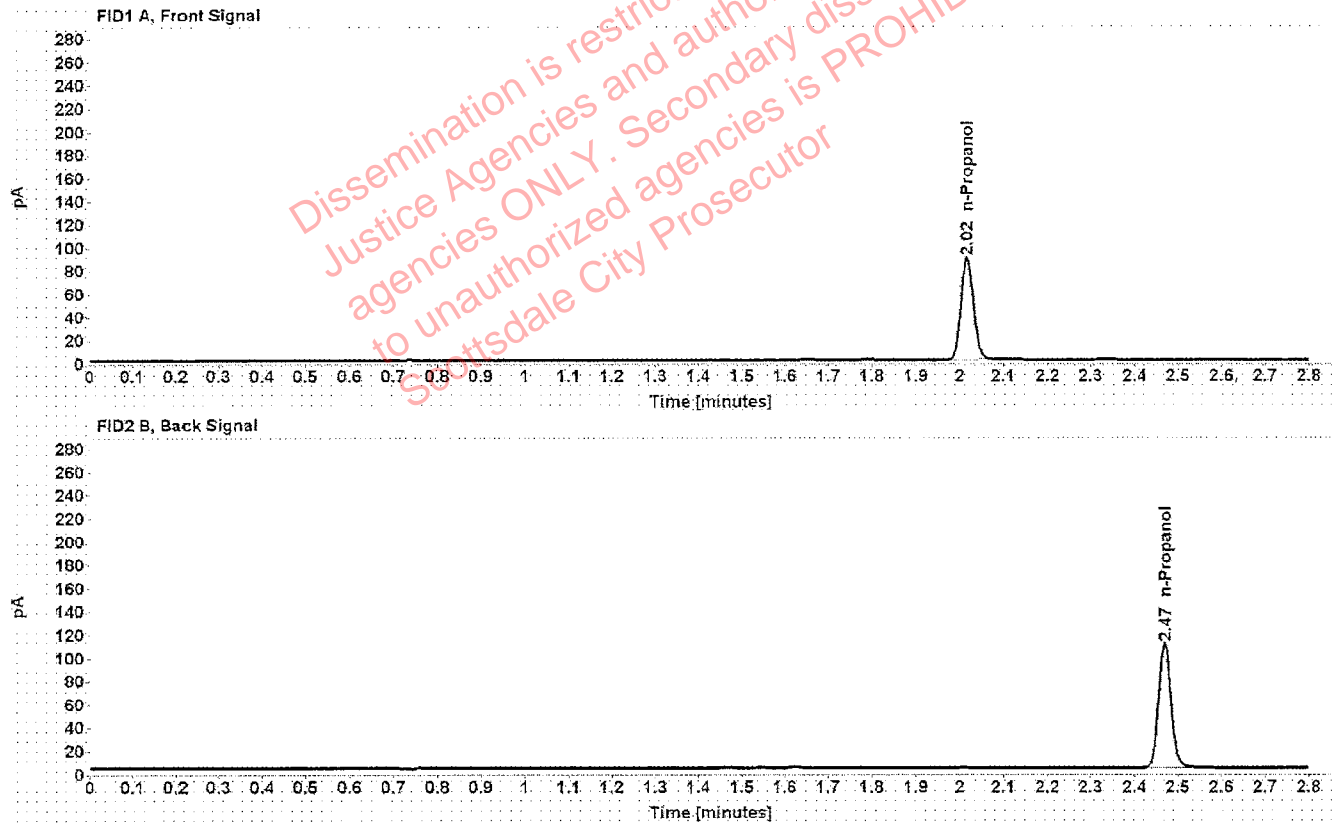


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	174.972

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

Compound	Time (min)	Peak Area
n-Propanol	2.469	216.662

Sequence Summary

Sequence name: 19May20 Instrument: US14173023 CN14160045 Analyst: Canonico *ee*

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	040720AQ	Negative	Control		ethanol quant.M
6	070819MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	407041529/13	0.198	Control		ethanol quant.M
10	1302520		Sample		ethanol quant.M
11	1302520		Sample		ethanol quant.M
12	VIAL216		Sample		ethanol quant.M
13	VIAL216		Sample		ethanol quant.M
14	VIAL129		Sample		ethanol quant.M
15	VIAL129		Sample		ethanol quant.M
16	VIAL267		Sample		ethanol quant.M
17	VIAL267		Sample		ethanol quant.M
18	VIAL166		Sample		ethanol quant.M
19	VIAL166		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1315929		Sample		ethanol quant.M
22	1315929		Sample		ethanol quant.M
23	1321064		Sample		ethanol quant.M
24	1321064		Sample		ethanol quant.M
25	1321038		Sample		ethanol quant.M
26	1321038		Sample		ethanol quant.M
27	36601SJ		Sample		ethanol quant.M
28	36601SJ		Sample		ethanol quant.M
29	1321151		Sample		ethanol quant.M
30	1321151		Sample		ethanol quant.M
31	03102016-A/1	0.080	Control		ethanol quant.M
32	1286587		Sample		ethanol quant.M
33	1286587		Sample		ethanol quant.M
34	11092018-A	0.400	Control		ethanol quant.M
35	14082019-B	0.040	Control		ethanol quant.M
36	407041529/13	0.198	Control		ethanol quant.M
37	040919WB	Negative	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 19May20

ANALYST: Canonico



Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1018	0.1020	0.10190	0.10	0.00010
12 13	0.1531	0.1527	0.15290	0.13	0.00020
14 15	0.0435	0.0427	0.04310	0.93	0.00040
16 17	0.2673	0.2635	0.26540	0.72	0.00190
18 19	0.0851	0.0836	0.08435	0.89	0.00075
21 22	0.1922	0.1923	0.19225	0.03	0.00005
23 24	0.1349	0.1331	0.13400	0.67	0.00090
25 26	0.0000	0.0000	0.00000	0.00	0.00000
27 28	0.1482	0.1473	0.14775	0.30	0.00045
29 30	0.0490	0.0491	0.04905	0.10	0.00005
32 33	0.1853	0.1850	0.18515	0.08	0.00015

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

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Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1302520	Vial:	10
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 1:52:46 PM
Data file:	C:\Chem32\1\Data\19May20\10.D	Analyst:	Canonico

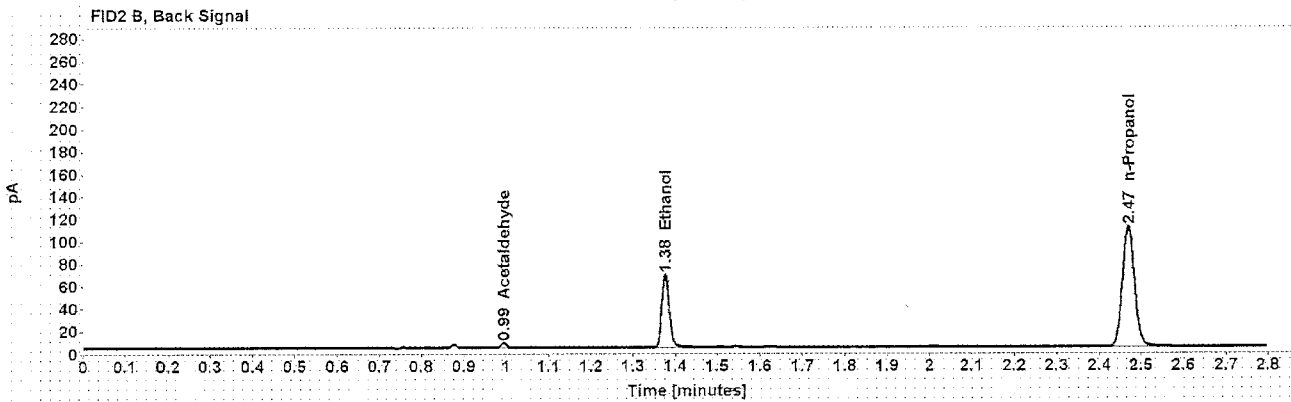
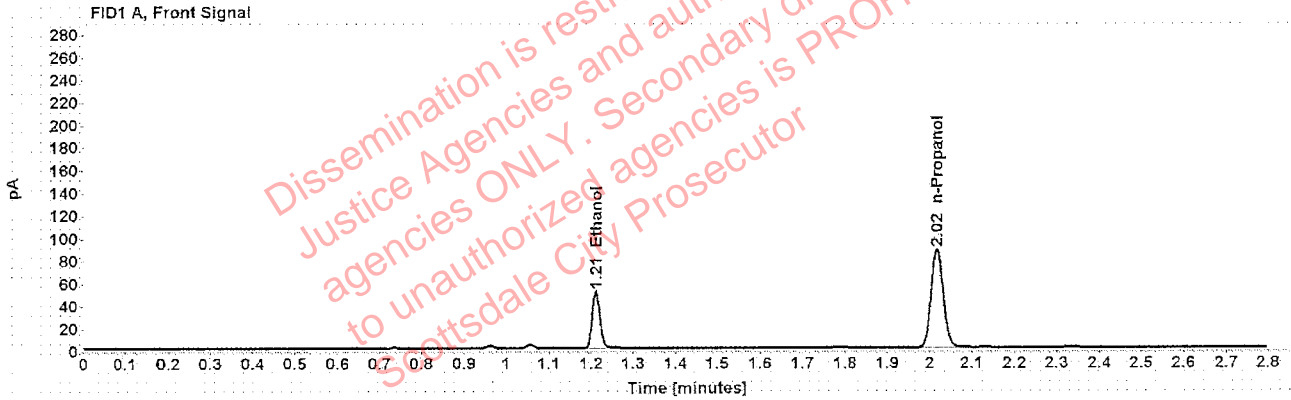


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1018	1.211	64.748
n-Propanol	-----	2.017	174.541

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.312
Ethanol	1.376	80.512
n-Propanol	2.469	216.970

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1302520	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 1:56:45 PM
Data file:	C:\Chem32\1\Data\19May20\11.D	Analyst:	Canonico

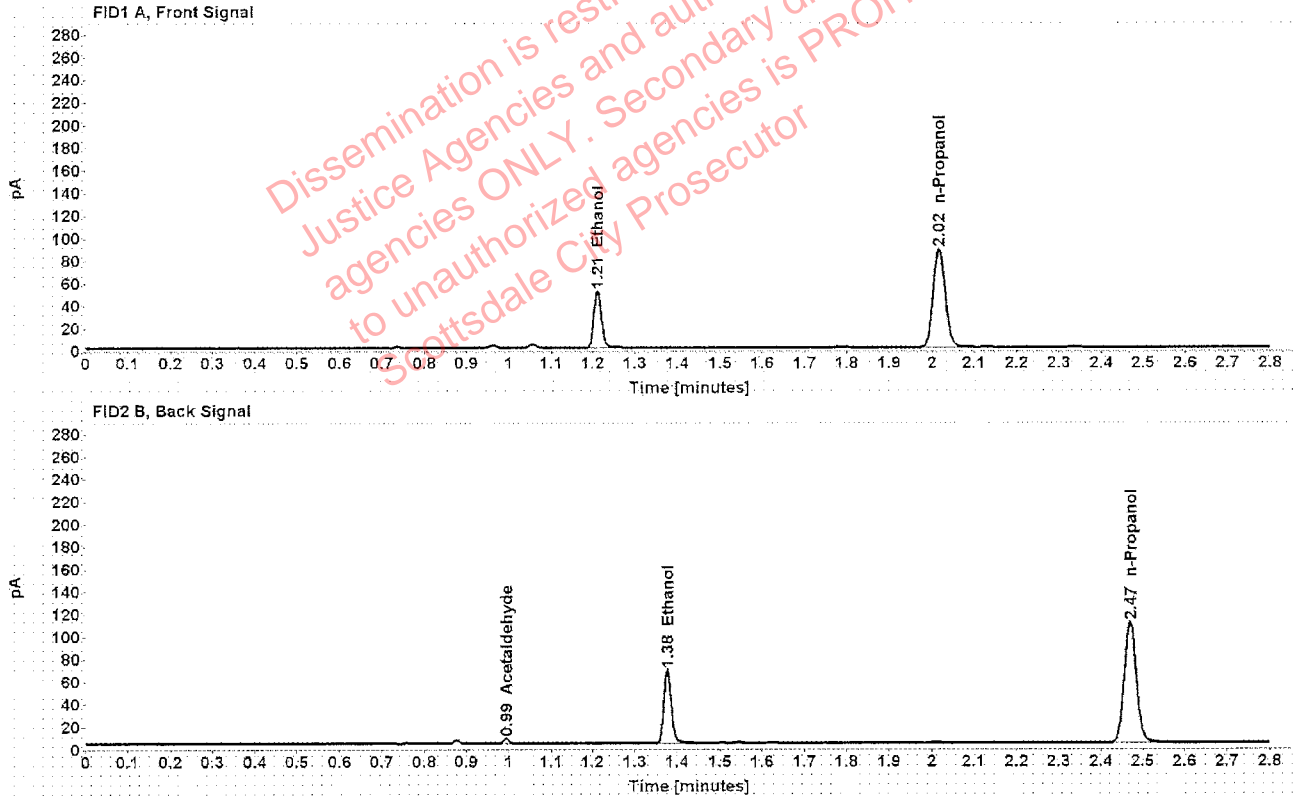


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1020	1.211	64.833
n-Propanol	-----	2.017	174.463

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.179
Ethanol	1.377	80.641
n-Propanol	2.469	216.913

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL216	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 2:00:45 PM
Data file:	C:\Chem32\1\Data\19May20\12.D	Analyst:	Canonico

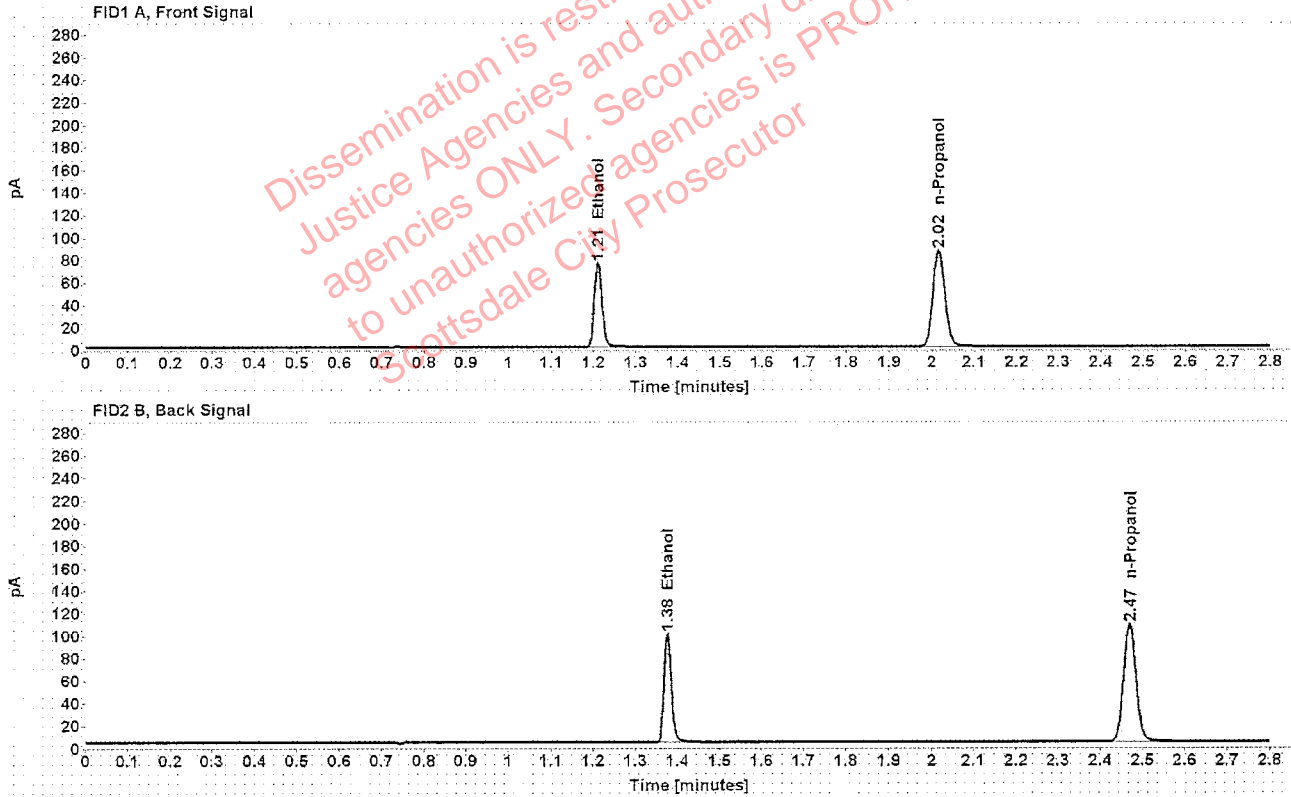


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1531	1.211	95.946
n-Propanol	-----	2.017	171.033

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

Compound	Time (min)	Peak Area
Ethanol	1.376	119.742
n-Propanol	2.469	211.965

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL216	Vial:	13
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 2:05:01 PM
Data file:	C:\Chem32\11\Data\19May20\13.D	Analyst:	Canonico

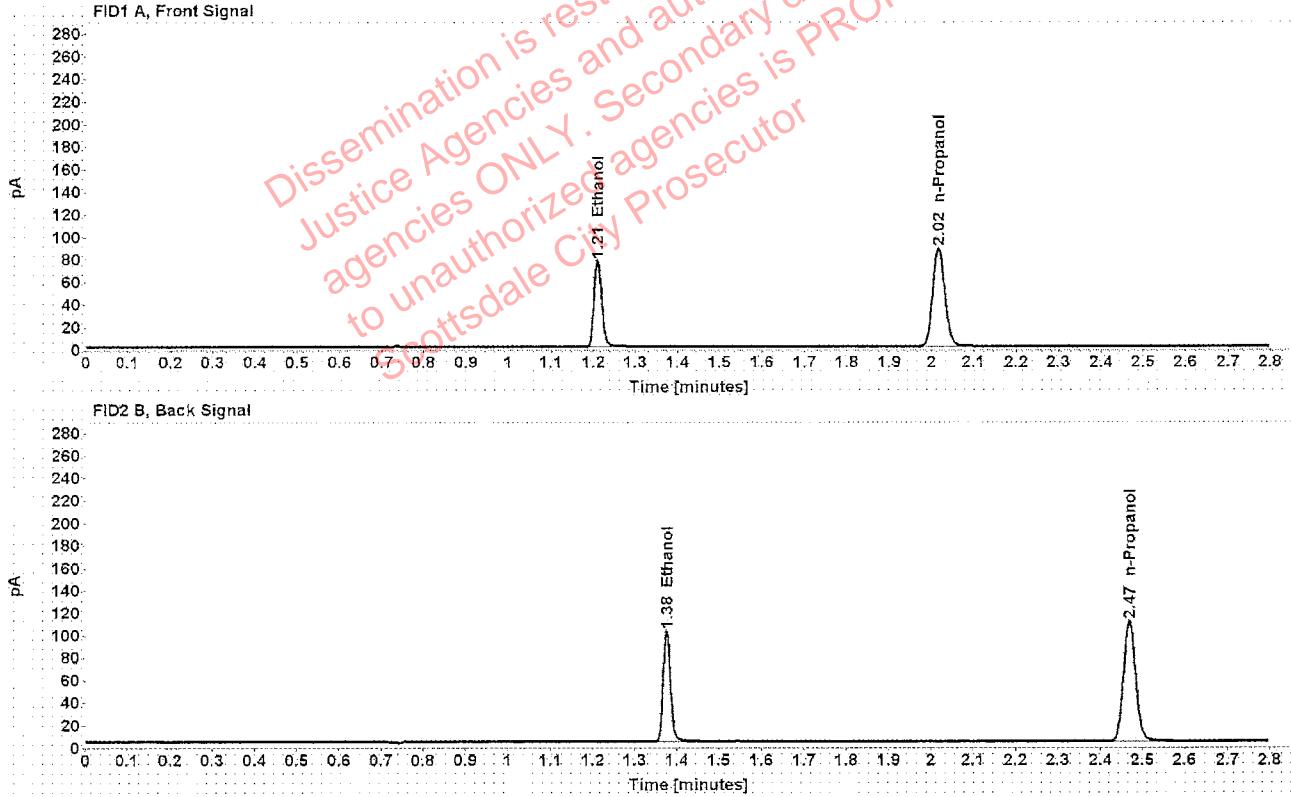


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1527	1.211	97.967
n-Propanol	-----	2.016	175.117

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

Compound	Time (min)	Peak Area
Ethanol	1.376	122.068
n-Propanol	2.469	217.164

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL129	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 2:08:59 PM
Data file:	C:\Chem32\11\Data\19May20\14.D	Analyst:	Canonico

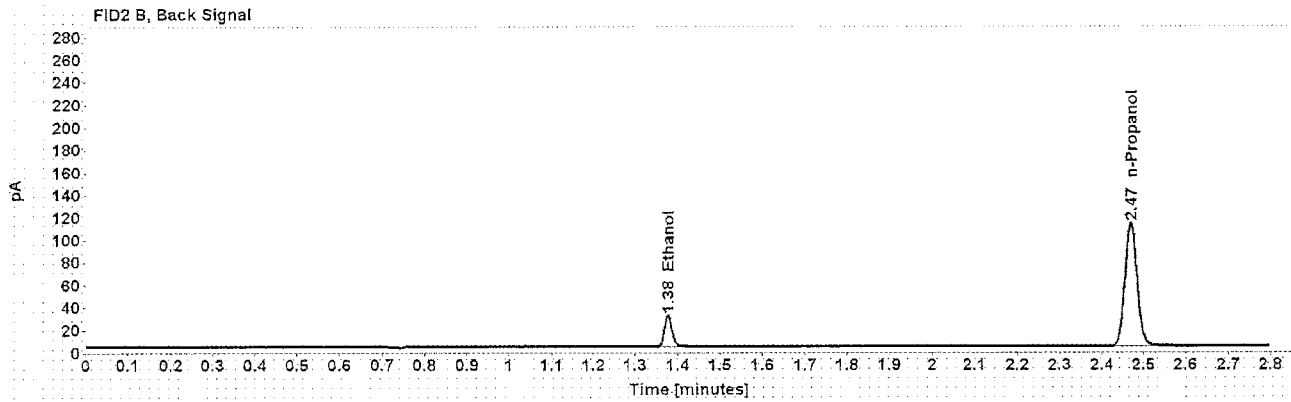
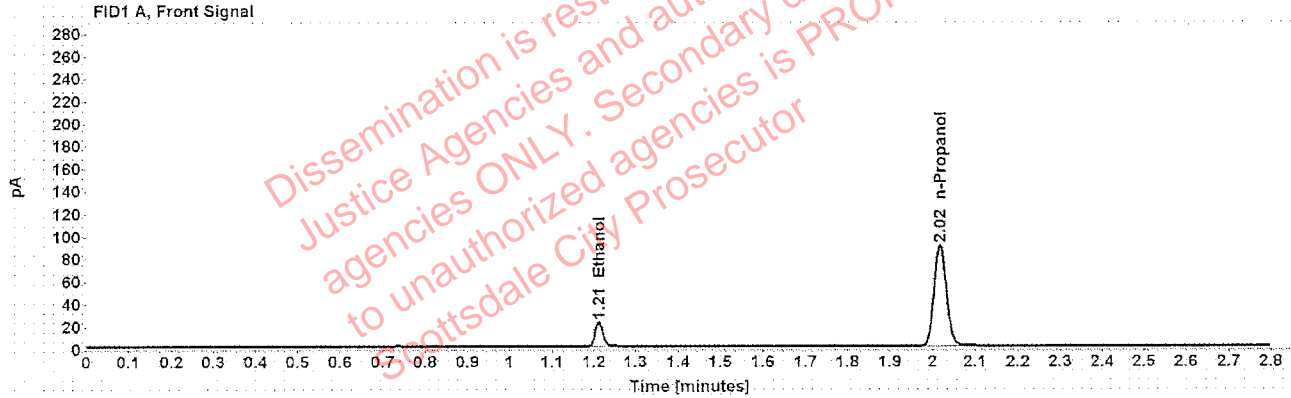


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0435	1.212	27.895
n-Propanol	-----	2.017	179.690

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

Compound	Time (min)	Peak Area
Ethanol	1.377	34.647
n-Propanol	2.469	222.617

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: VIAL129	Vial: 15
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 19May20
Instrument: US14173023 CN14160045	Injection date: 5/19/2020 2:13:00 PM
Data file: C:\Chem32\1\Data\19May20\15.D	Analyst: Canonico

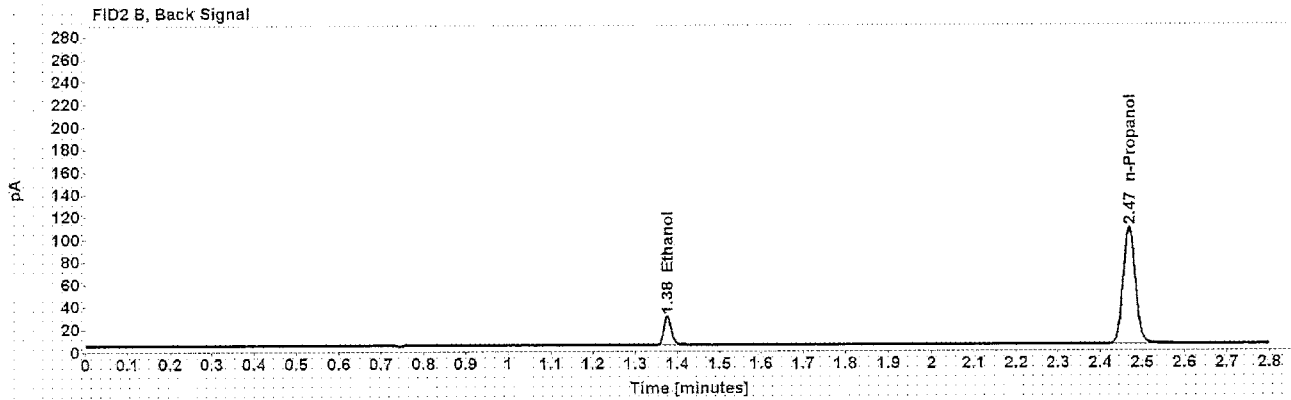
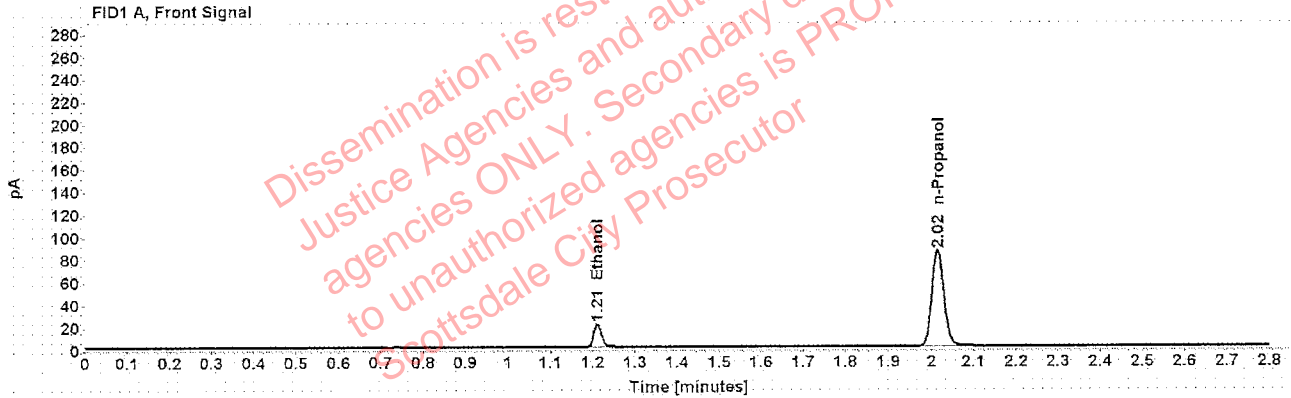


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0427	1.211	25.958
n-Propanol	-----	2.016	170.282

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

Compound	Time (min)	Peak Area
Ethanol	1.376	32.269
n-Propanol	2.468	211.023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL267	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 2:17:01 PM
Data file:	C:\Chem32\11Data\19May20\16.D	Analyst:	Canonico

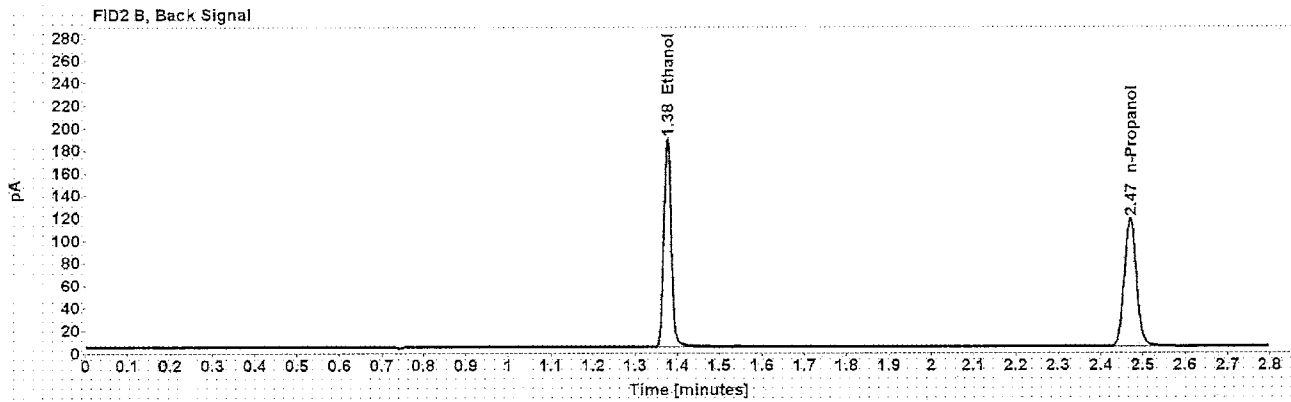
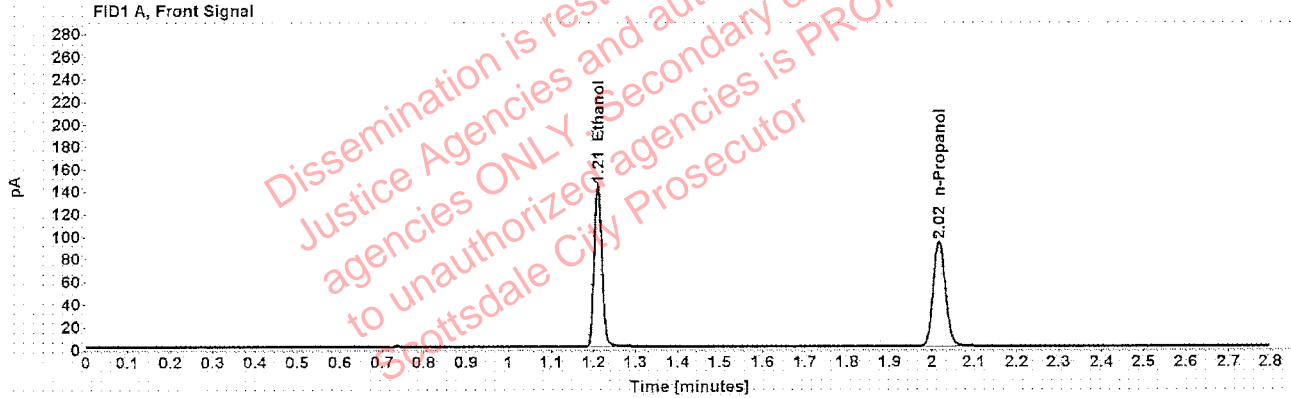


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2673	1.210	182.965
n-Propanol	-----	2.017	186.013

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

Compound	Time (min)	Peak Area
Ethanol	1.376	229.544
n-Propanol	2.469	230.886

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL267	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 2:21:00 PM
Data file:	C:\Chem32\1\Data\19May20\17.D	Analyst:	Canonico

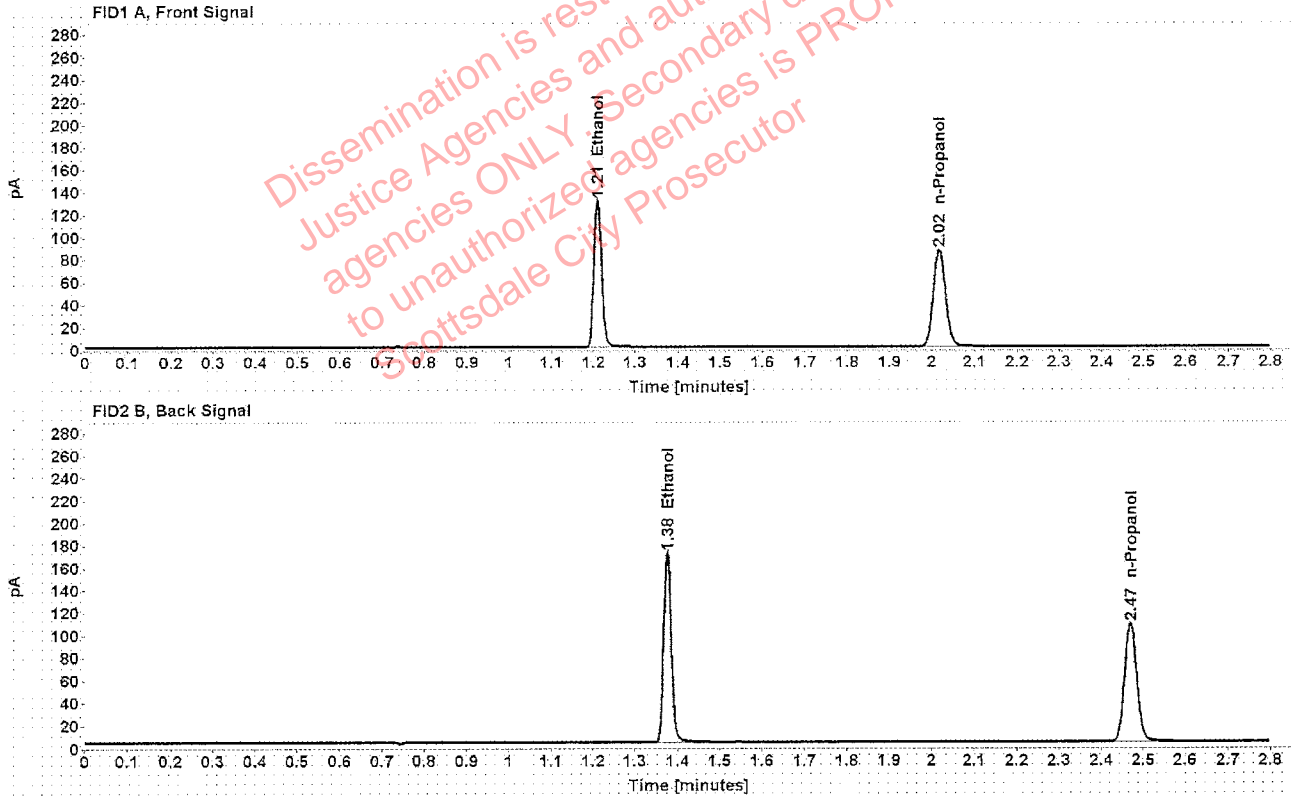


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2635	1.210	166.628
n-Propanol	-----	2.017	171.841

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

Compound	Time (min)	Peak Area
Ethanol	1.376	208.801
n-Propanol	2.469	213.100

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL166	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 2:24:59 PM
Data file:	C:\Chem32\1\Data\19May20\18.D	Analyst:	Canonico

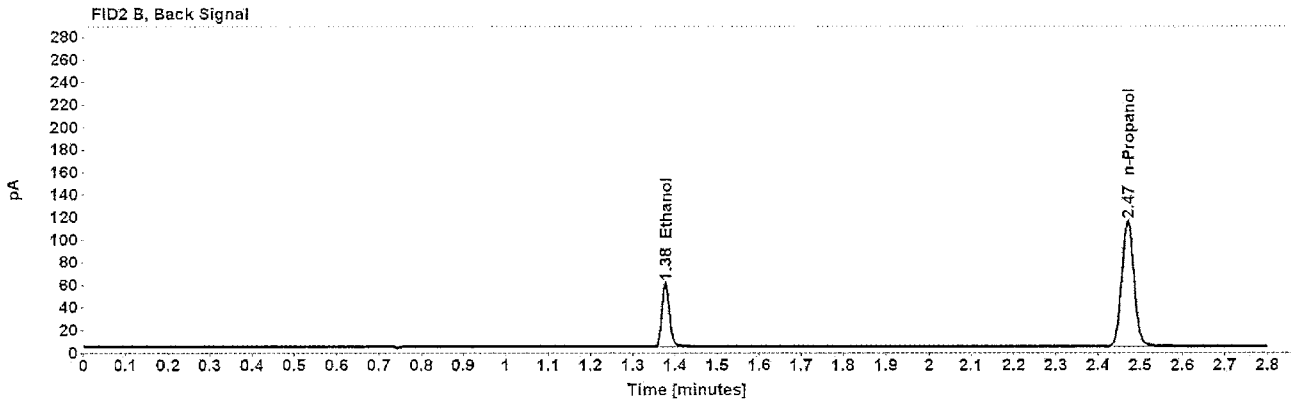
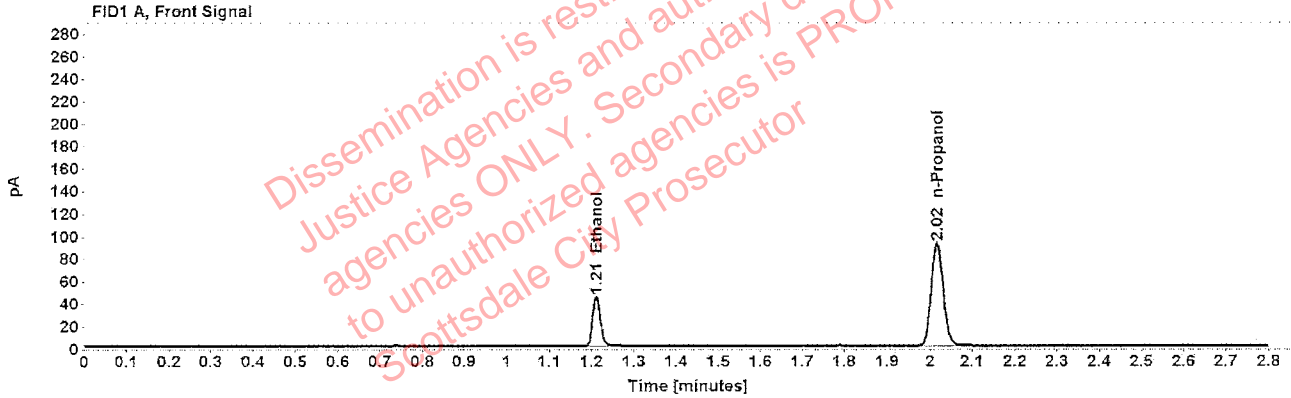


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0851	1.211	56.294
n-Propanol	-----	2.017	182.042

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

Compound	Time (min)	Peak Area
Ethanol	1.377	69.926
n-Propanol	2.469	225.633

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL166	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 2:29:14 PM
Data file:	C:\Chem32\1\Data\19May20\19.D	Analyst:	Canonico

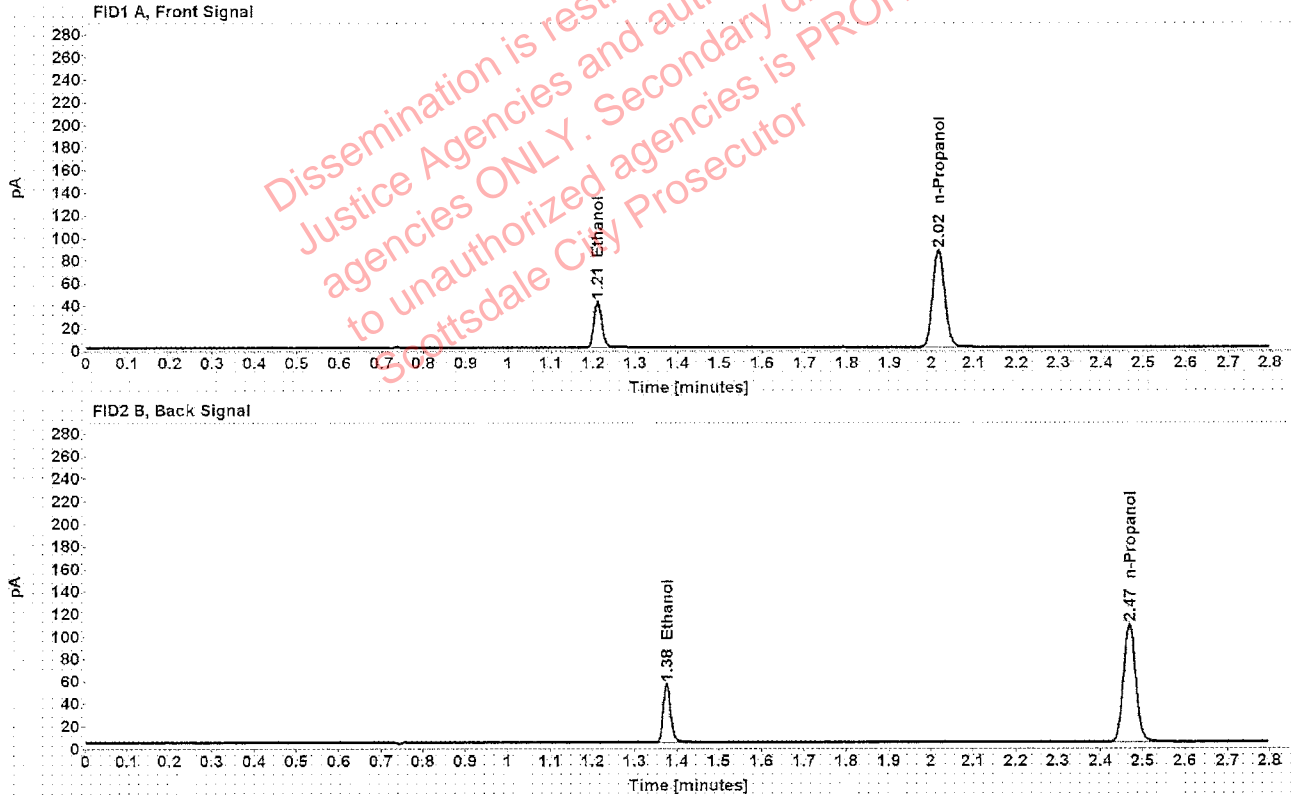


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0836	1.211	52.406
n-Propanol	-----	2.016	172.543

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

Compound	Time (min)	Peak Area
Ethanol	1.376	65.026
n-Propanol	2.468	213.466

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1315929	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 2:37:14 PM
Data file:	C:\Chem32\1\Data\19May20\21.D	Analyst:	Canonico

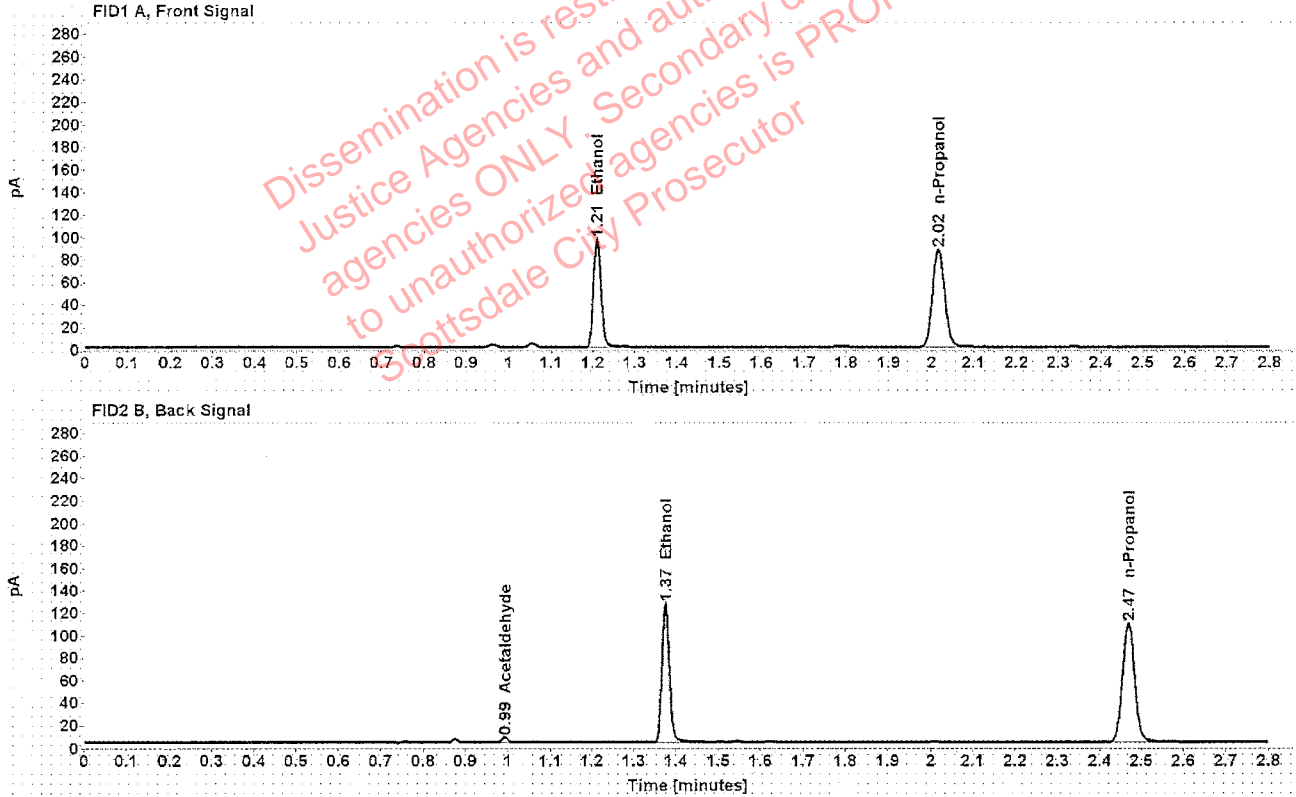


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1922	1.210	122.035
n-Propanol	-----	2.016	172.931

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.507
Ethanol	1.375	152.427
n-Propanol	2.468	214.361

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1315929	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 2:41:15 PM
Data file:	C:\Chem32\1\Data\19May20\22.D	Analyst:	Canonico

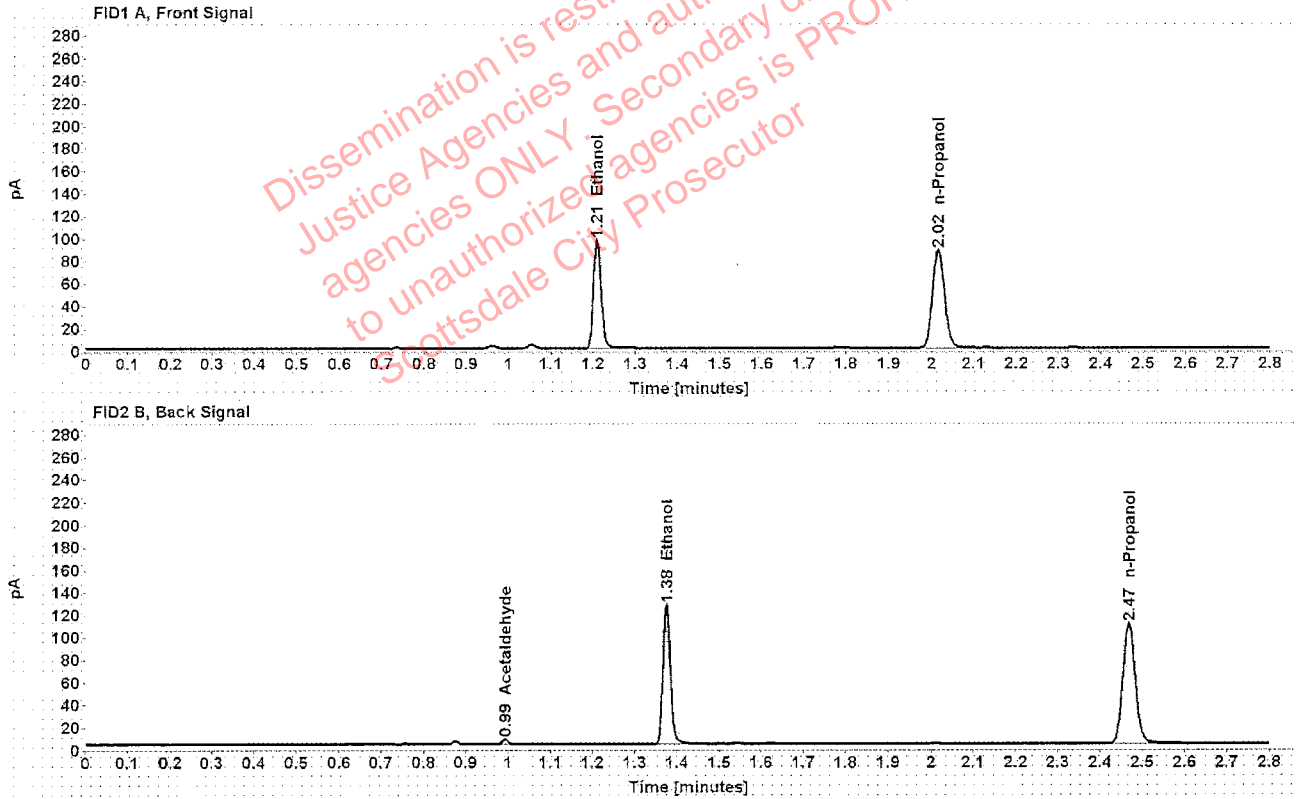


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1923	1.210	122.872
n-Propanol	-----	2.016	174.004

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.372
Ethanol	1.375	153.305
n-Propanol	2.468	215.590

Case: [REDACTED] User: ecanonico 5/20/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1321064	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 2:45:16 PM
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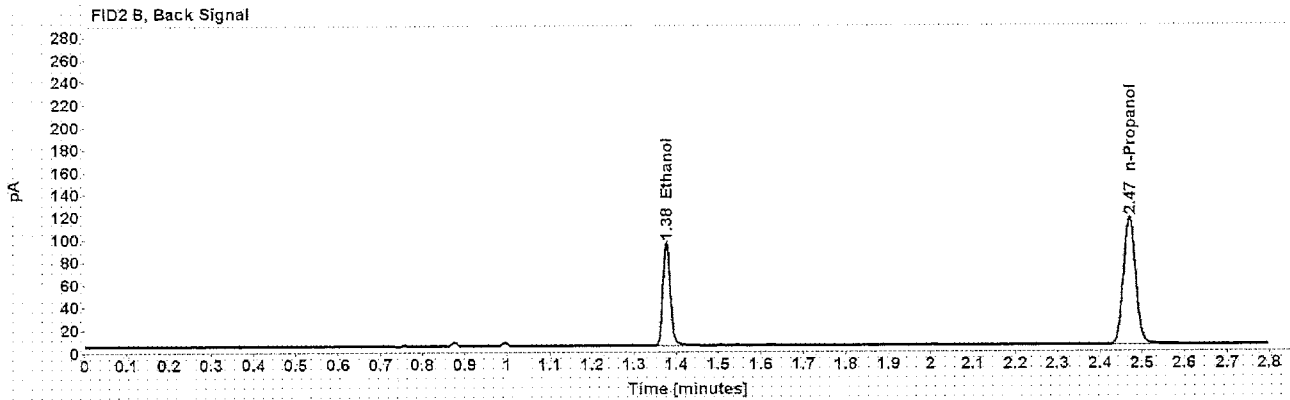
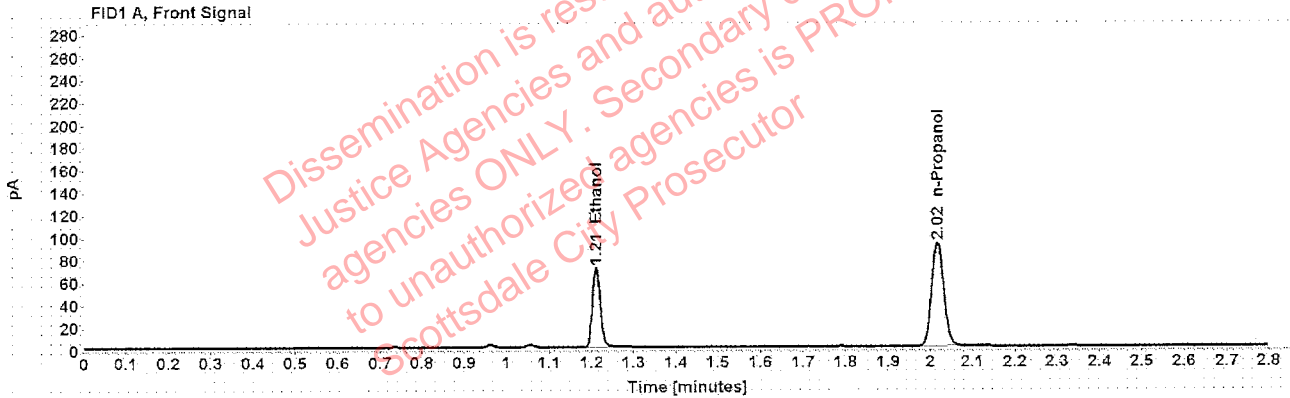


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1349	1.211	90.874
n-Propanol	-----	2.017	184.079

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

Compound	Time (min)	Peak Area
Ethanol	1.376	113.034
n-Propanol	2.469	228.484

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1321064	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 2:49:14 PM
Data file:	C:\Chem32\11\Data\19May20\24.D	Analyst:	Canonico

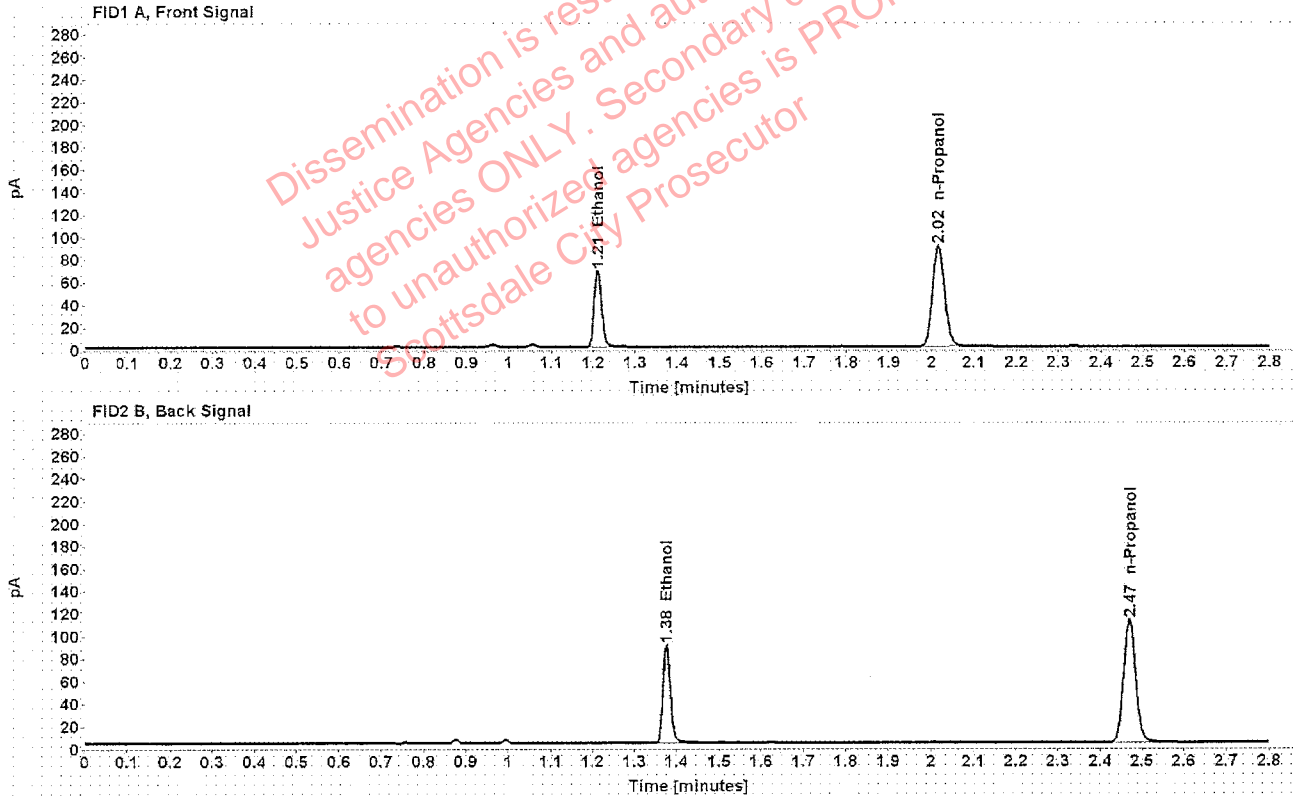


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1331	1.211	86.684
n-Propanol	-----	2.017	178.025

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

Compound	Time (min)	Peak Area
Ethanol	1.376	108.125
n-Propanol	2.469	220.933

Case: [REDACTED] User: ecanonico 5/20/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1321038	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 2:53:30 PM
Data file:	C:\Chem32\1\Data\19May20\25.D	Analyst:	Canonico

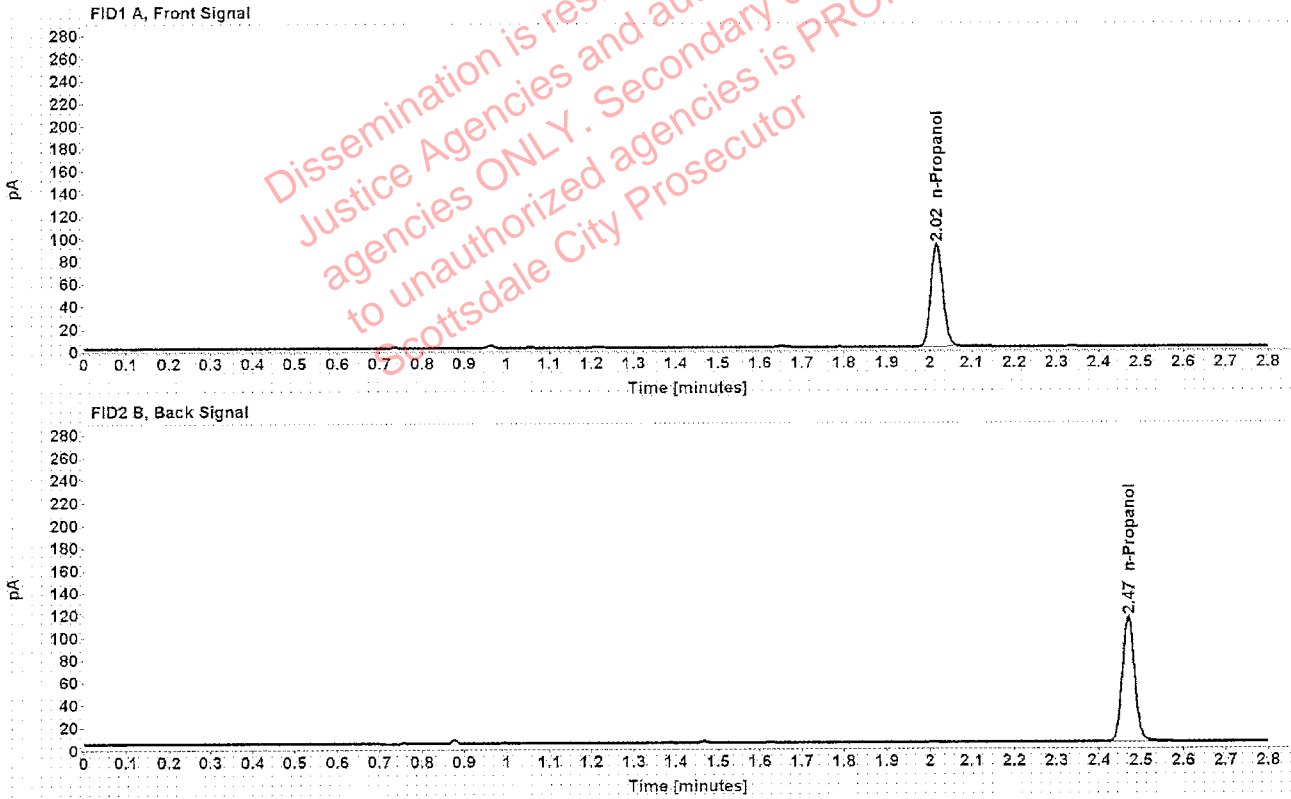


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	181.635

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

Compound	Time (min)	Peak Area
n-Propanol	2.469	225.410

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1321038	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 2:57:30 PM
Data file:	C:\Chem32\1\Data\19May20\26.D	Analyst:	Canonico

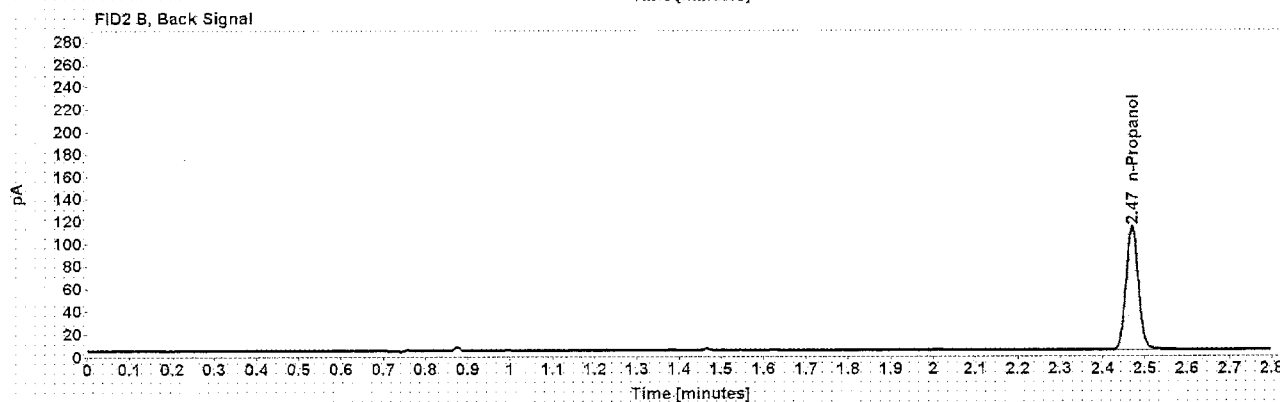


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	178.325

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

Compound	Time (min)	Peak Area
n-Propanol	2.469	221.378

Case: ██████████ User: ecanonico 5/20/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36601SJ	Vial:	27
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 3:01:29 PM
Data file:	C:\Chem3211\Data\19May20\27.D	Analyst:	Canonico

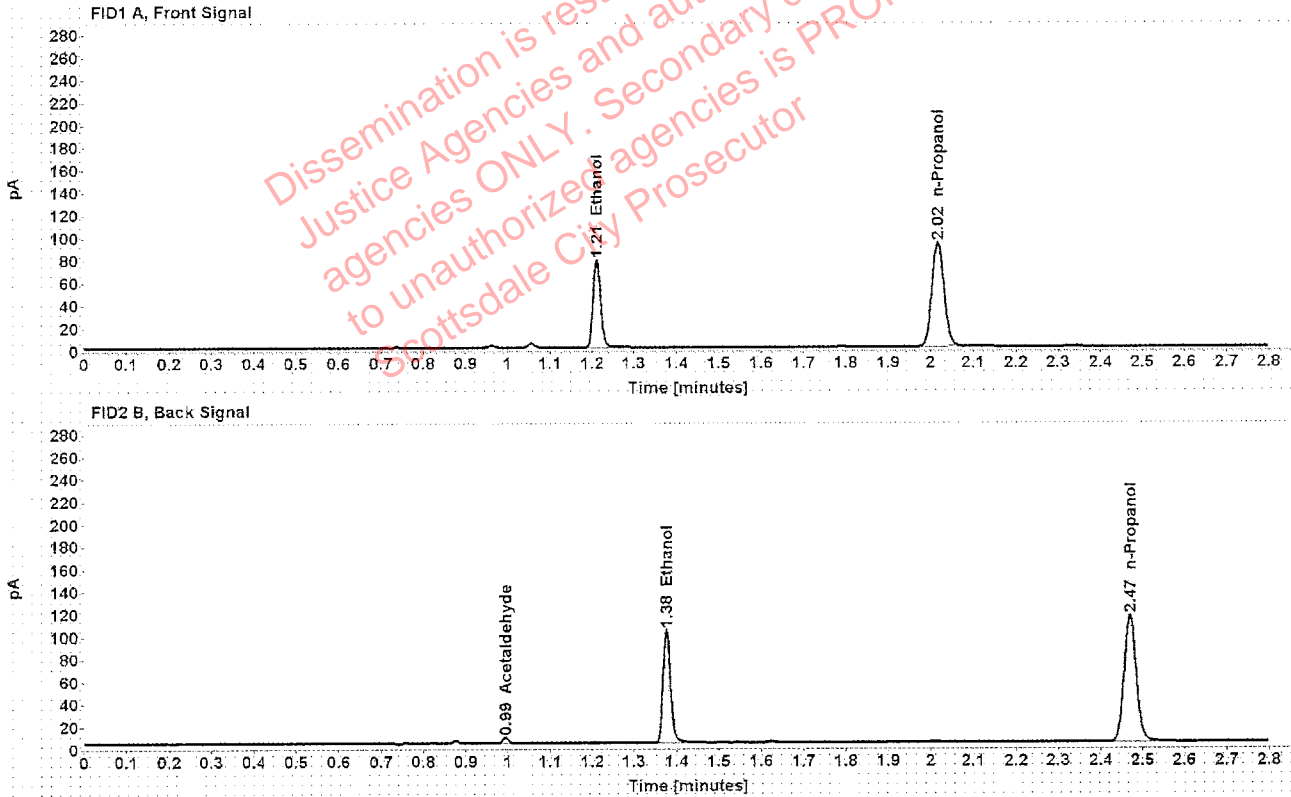


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1482	1.211	99.605
n-Propanol	-----	2.017	183.476

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.910
Ethanol	1.376	124.331
n-Propanol	2.469	227.863

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36601SJ	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 3:05:30 PM
Data file:	C:\Chem32\11\Data\19May20\28.D	Analyst:	Canonico

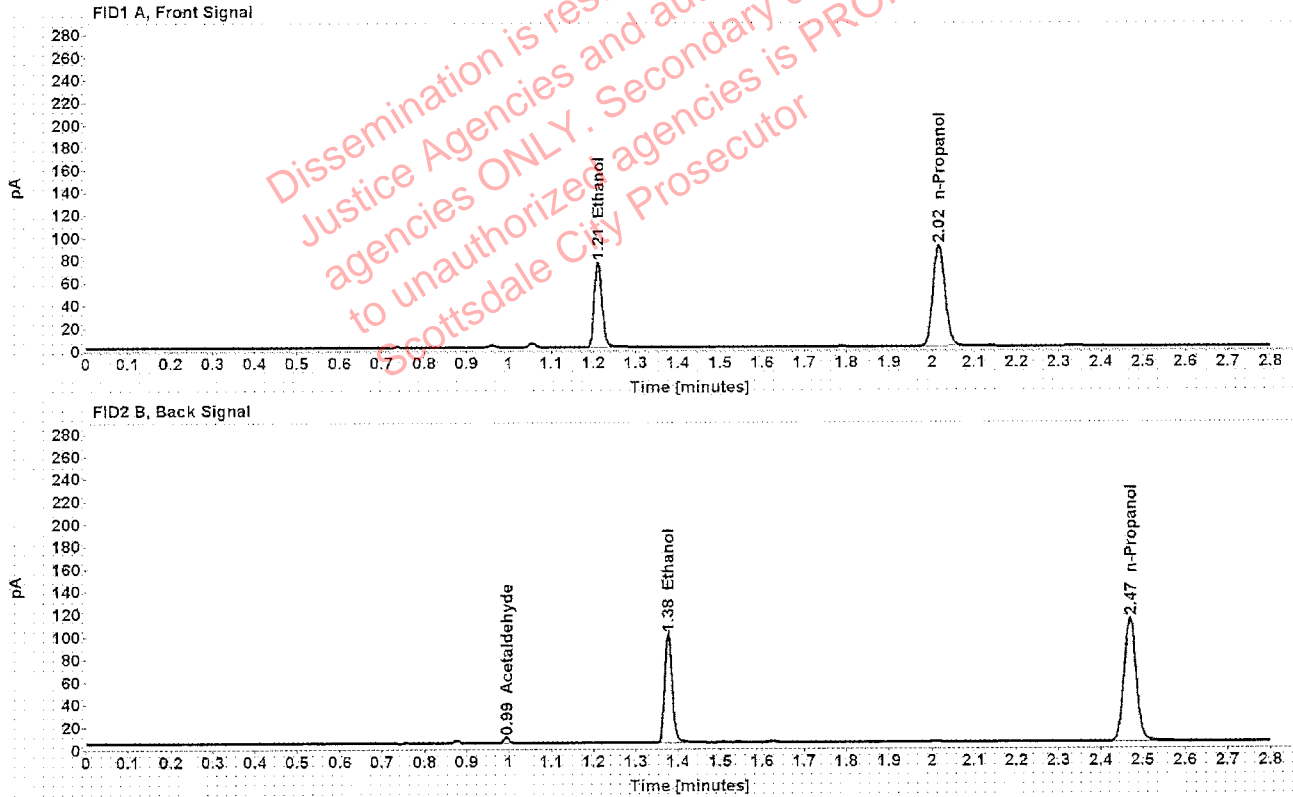


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1473	1.211	96.344
n-Propanol	-----	2.017	178.639

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.851
Ethanol	1.376	120.199
n-Propanol	2.469	221.615

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1321151	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 3:09:31 PM
Data file:	C:\Chem32\1\Data\19May20\29.D	Analyst:	Canonico

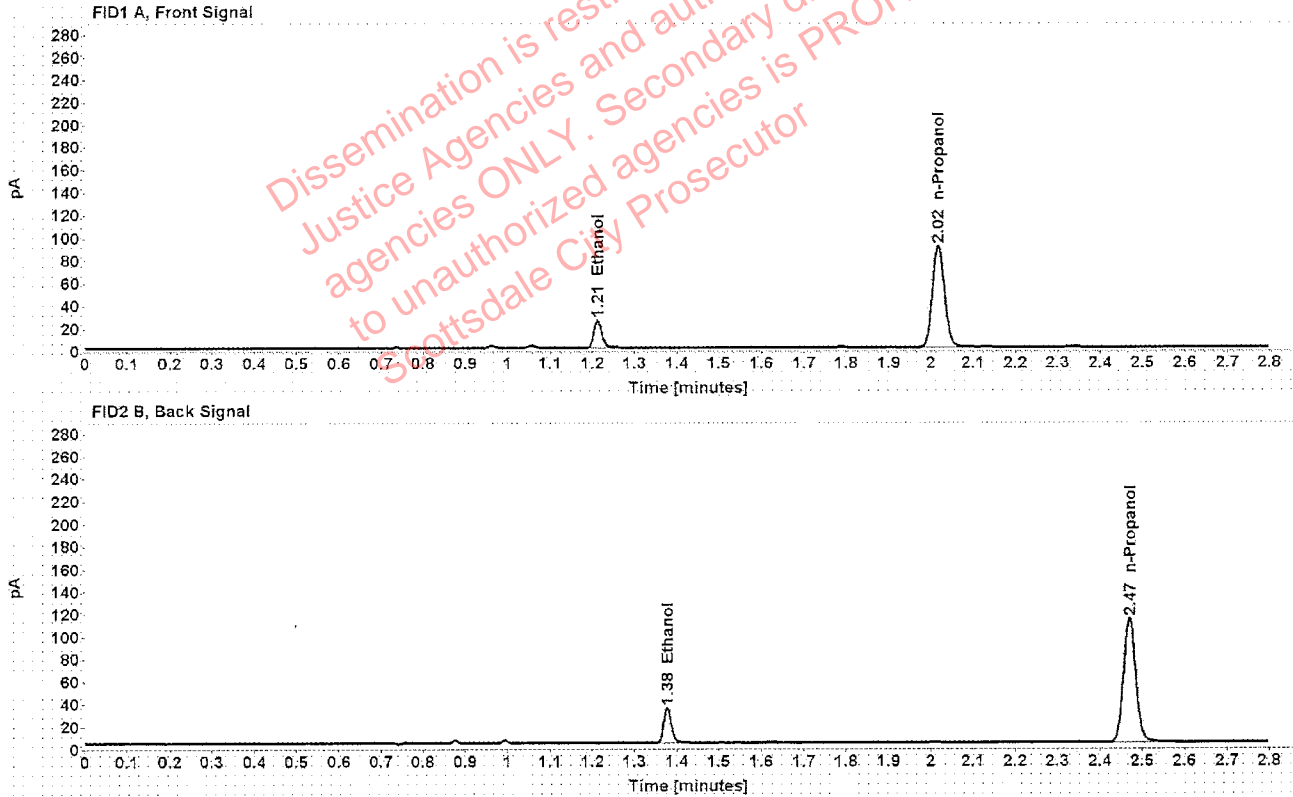


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0490	1.212	31.640
n-Propanol	-----	2.017	180.080

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

Compound	Time (min)	Peak Area
Ethanol	1.377	40.051
n-Propanol	2.469	223.661

Case: [REDACTED] User: ecanonico 5/20/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1321151	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 3:13:31 PM
Data file:	C:\Chem32\1\Data\19May20\30.D	Analyst:	Canonico

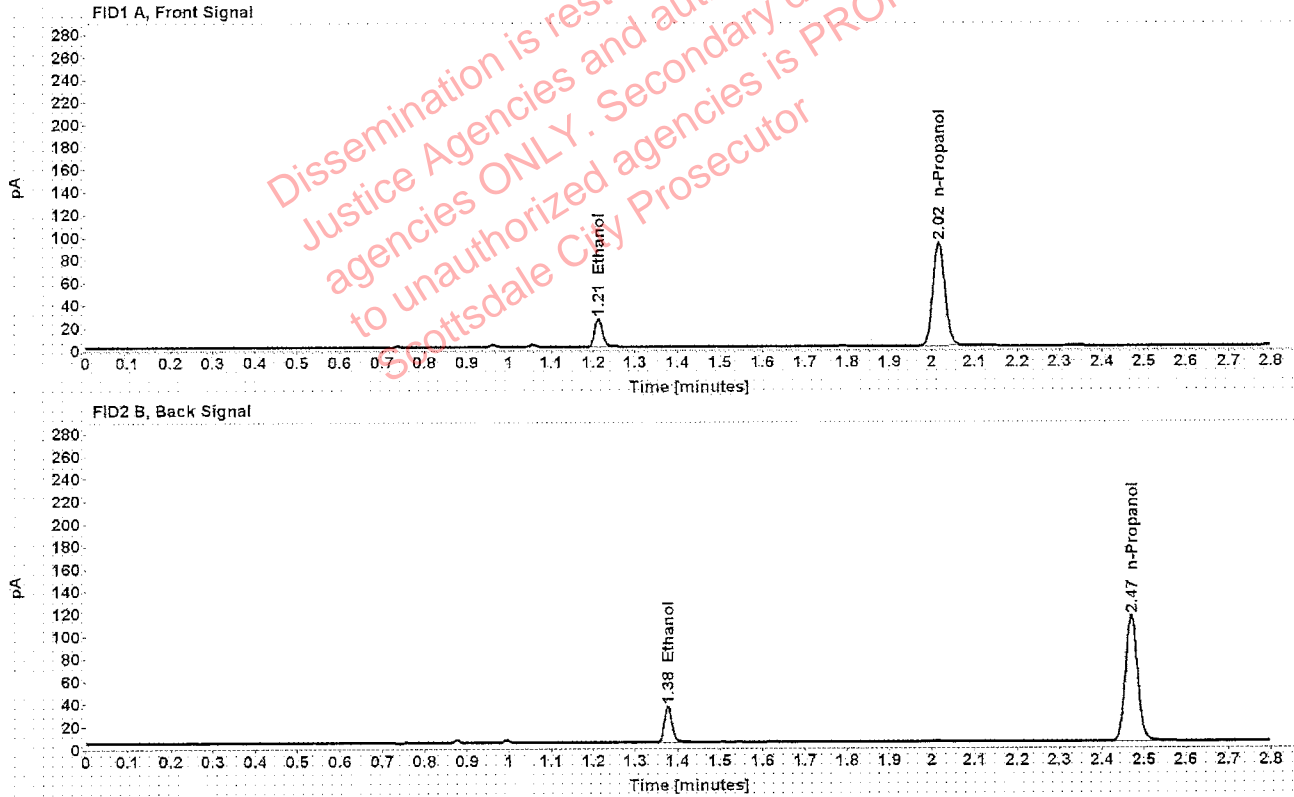


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0491	1.212	32.084
n-Propanol	-----	2.017	182.260

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

Compound	Time (min)	Peak Area
Ethanol	1.377	40.560
n-Propanol	2.469	226.074

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1286587	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 3:21:44 PM
Data file:	C:\Chem32\1\Data\19May20\32.D	Analyst:	Canonico

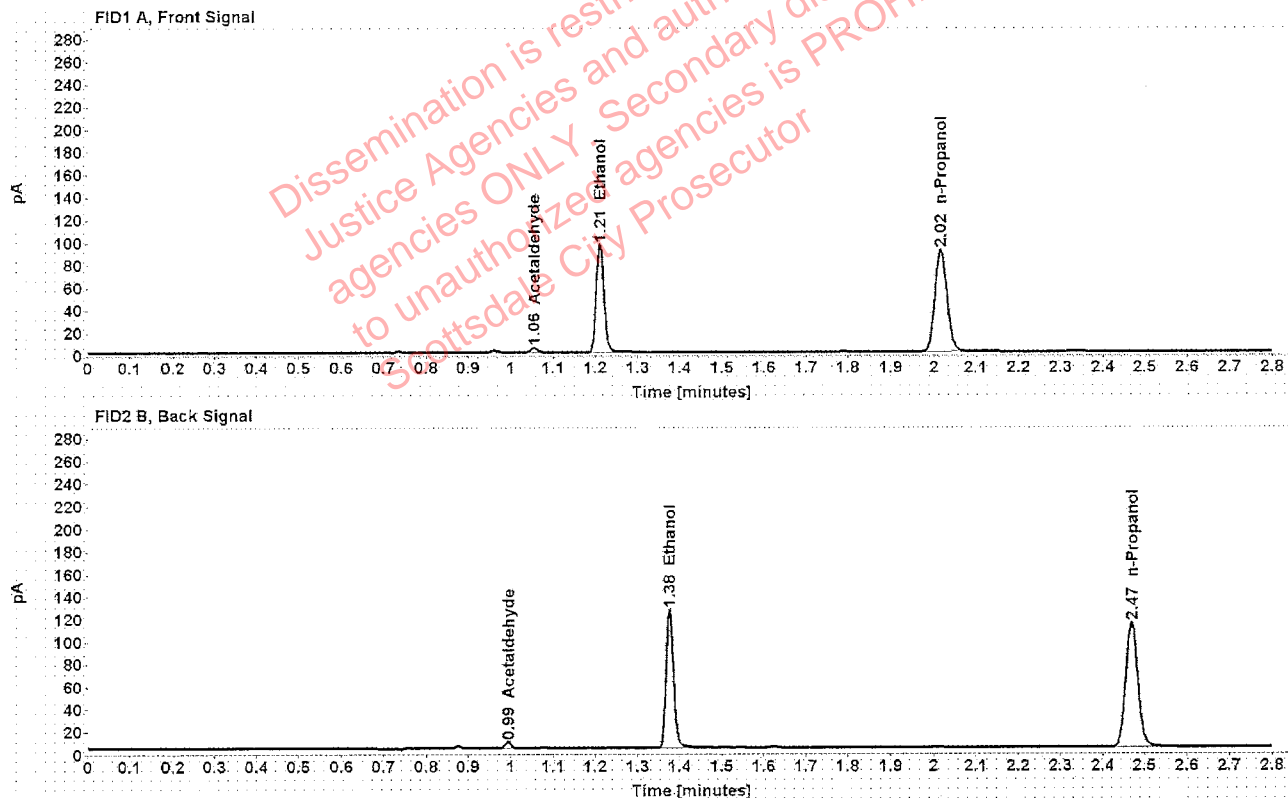


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.058
>Ethanol	0.1853	1.211	122.703
n-Propanol	-----	2.017	180.400

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.325
Ethanol	1.376	153.031
n-Propanol	2.469	224.092

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1286587	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	19May20
Instrument:	US14173023 CN14160045	Injection date:	5/19/2020 3:25:44 PM
Data file:	C:\Chem32\1\Data\19May20\33.D	Analyst:	Canonico

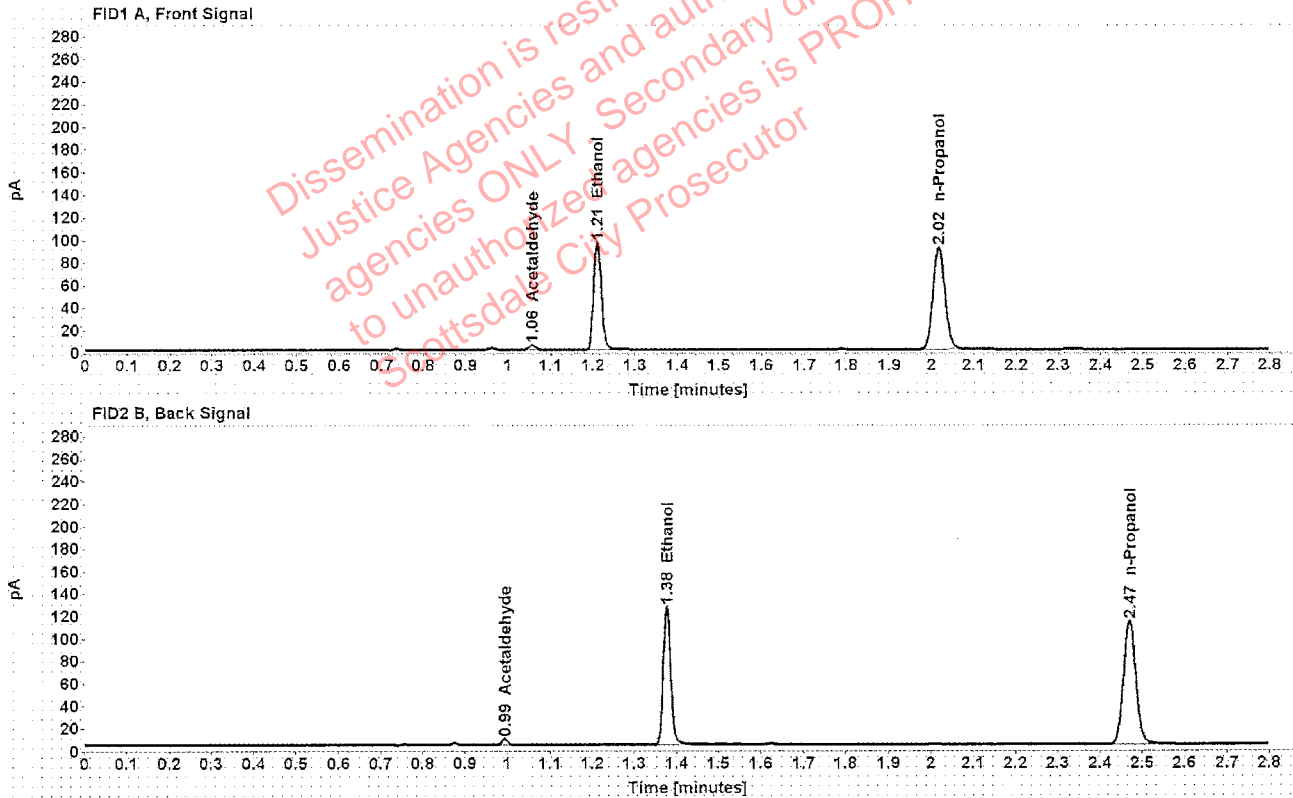


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.102
>Ethanol	0.1850	1.211	122.547
n-Propanol	-----	2.017	180.455

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.372
Ethanol	1.376	152.936
n-Propanol	2.469	224.427