

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 04/06/2021 SEQUENCE NAME 06Apr21

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN06141806 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN05311902 0.99882
 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			SPD lab 112420AQ
6	Volatiles mixture			SPD lab 070819MIX
7	Aqueous control			Lipomed 11092018-A
8	Aqueous control			Lipomed 14082019-B
9	Blood control			ACQ 4101018274/9
20	Aqueous control			Lipomed 03102016-A/1
31	Aqueous control			Lipomed 03102016-A/1
42	Aqueous control			Lipomed 11092018-A
43	Aqueous control			Lipomed 14082019-B
44	Blood control			ACQ 4101018274/9
45	Blank			SPD lab 111020WB

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 15

ADDITIONAL NOTES: This run is void due to air compressor failure.

Run valid Run invalid [Signature] Analyst
 Run valid Run invalid _____ Technical Reviewer

Sequence Summary

Sequence name: 06Apr21 Instrument: US14173023 CN14160045 Analyst: Abbott

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN05101903	0.200 calibrator	Calibration		ethanol quant.M
4	FN10051906	0.400 calibrator	Calibration		ethanol quant.M
5	031021AQ	Negative	Control		ethanol quant.M
6	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	4101018274/9	0.200	Control		ethanol quant.M
10	35301SP		Sample		ethanol quant.M
11	35301SP		Sample		ethanol quant.M
12	1337131		Sample		ethanol quant.M
13	1337131		Sample		ethanol quant.M
14	1365962		Sample		ethanol quant.M
15	1365962		Sample		ethanol quant.M
16	1366237		Sample		ethanol quant.M
17	1366237		Sample		ethanol quant.M
18	1366361		Sample		ethanol quant.M
19	1366361		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1365306		Sample		ethanol quant.M
22	1365306		Sample		ethanol quant.M
23	1365824		Sample		ethanol quant.M
24	1365824		Sample		ethanol quant.M
25	1365294		Sample		ethanol quant.M
26	1365294		Sample		ethanol quant.M
27	1366756		Sample		ethanol quant.M
28	1366756		Sample		ethanol quant.M
29	1366759		Sample		ethanol quant.M
30	1366759		Sample		ethanol quant.M
31	03102016-A/1	0.080	Control		ethanol quant.M
32	1365299		Sample		ethanol quant.M
33	1365299		Sample		ethanol quant.M
34	1366766		Sample		ethanol quant.M
35	1366766		Sample		ethanol quant.M
36	1367036		Sample		ethanol quant.M
37	1367036		Sample		ethanol quant.M
38	1366888		Sample		ethanol quant.M
39	1366888		Sample		ethanol quant.M
40	1366760		Sample		ethanol quant.M
41	1366760		Sample		ethanol quant.M
42	11092018-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	4101018274/9	0.200	Control		ethanol quant.M
45	111020WB	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

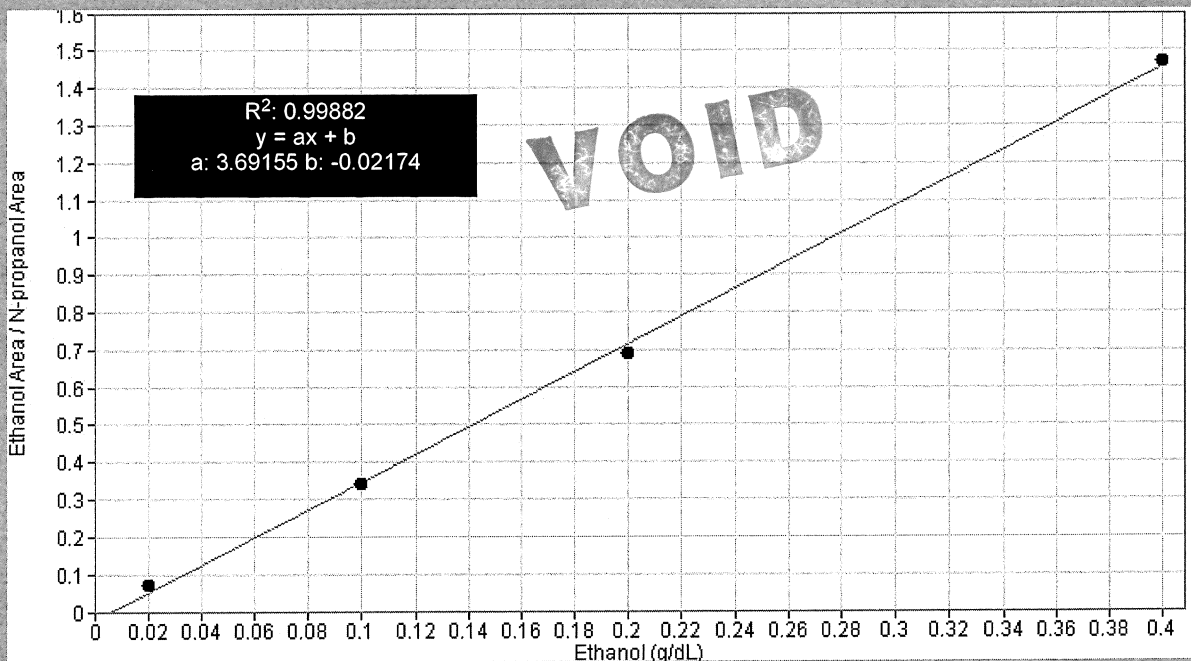
SEQUENCE NAME: 06Apr21

ANALYST: Abbott *Abbott*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 031021AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.335	0.400	16.25	-0.065
0.040 14082019-B	8	0.045	0.040	12.50	0.005
0.200 4101018274/9	9	0.208	0.200	4.00	0.008
0.080 03102016-A/1	20	0.085	0.080	6.25	0.005
0.080 03102016-A/1	31	0.082	0.080	2.50	0.002
0.400 11092018-A	42	0.414	0.400	3.50	0.014
0.040 14082019-B	43	0.045	0.040	12.50	0.005
0.200 4101018274/9	44	0.198	0.200	1.00	-0.002
blank 111020WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.816	164.460	0.072
0.100	55.354	163.039	0.340
0.200	115.280	166.856	0.691
0.400	244.944	166.775	1.469

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1
Description: 0.020 calibrator	Sequence: 06Apr21
Method: ethanol quant.M	Injection date: 4/6/2021 3:59:54 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>AK</i>
Data file: C:\Chem32\1\Data\06Apr21\1.D	

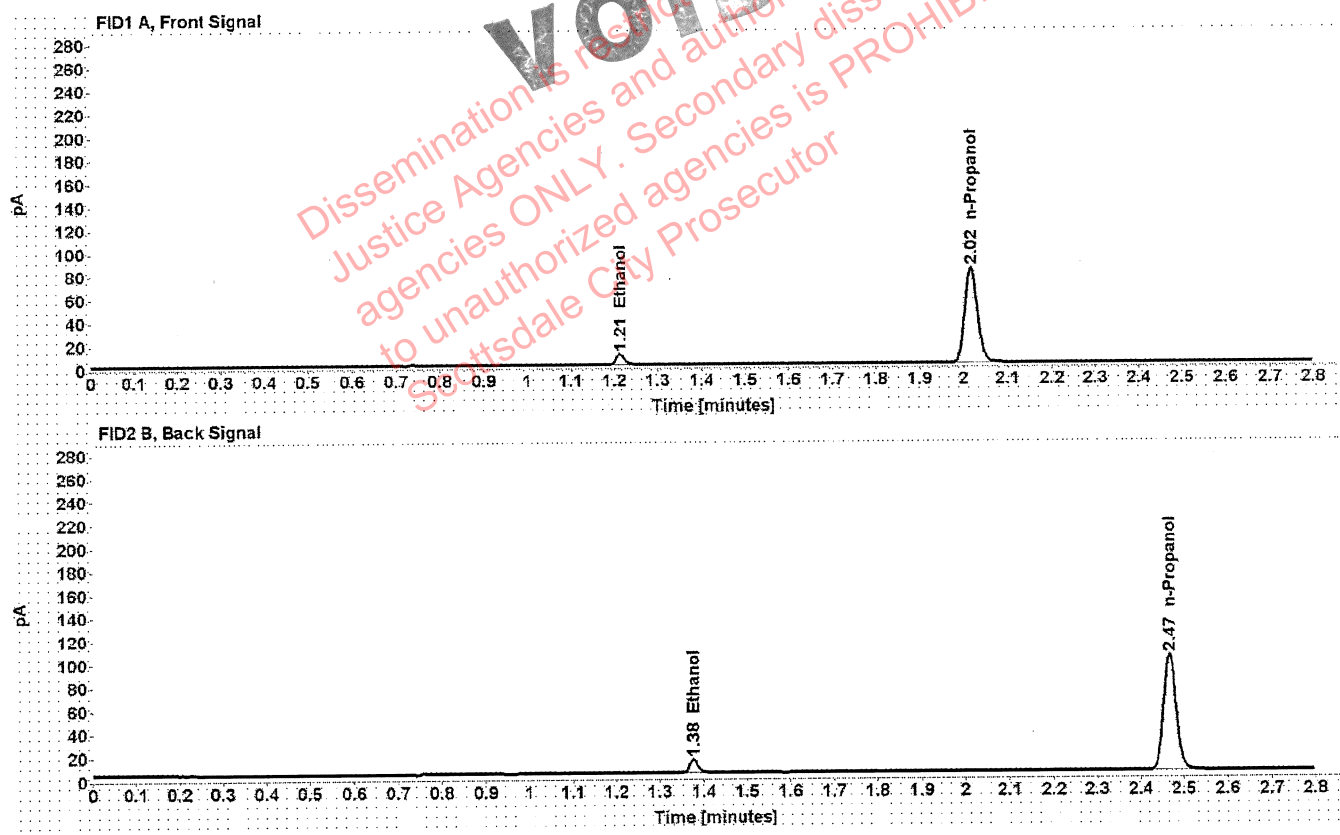


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	11.816
n-Propanol	2.016	164.460

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

Compound	Time (min)	Peak Area
Ethanol	1.376	14.652
n-Propanol	2.467	202.124

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 06Apr21
Method: ethanol quant.M	Injection date: 4/6/2021 4:03:54 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>al</i>
Data file: C:\Chem32\1\Data\06Apr21\2.D	

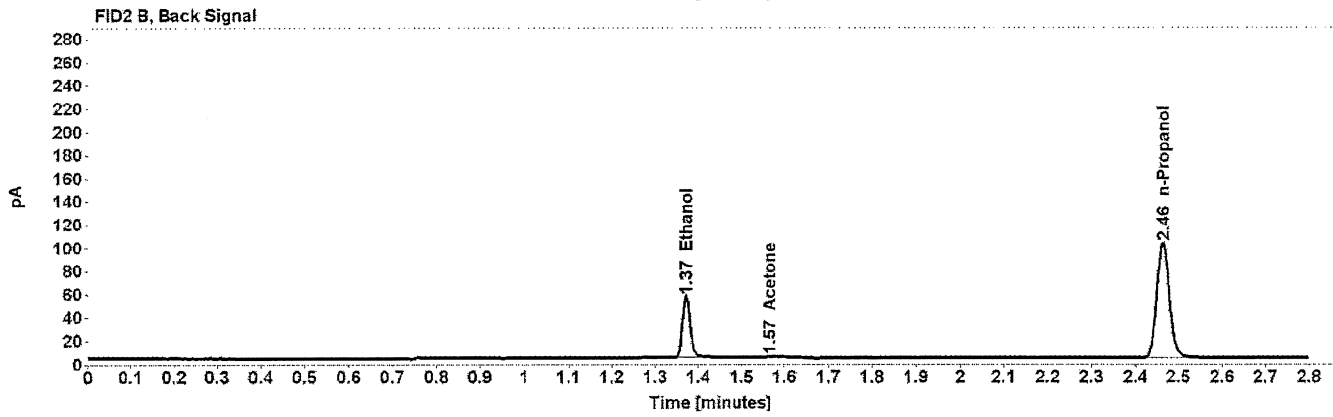
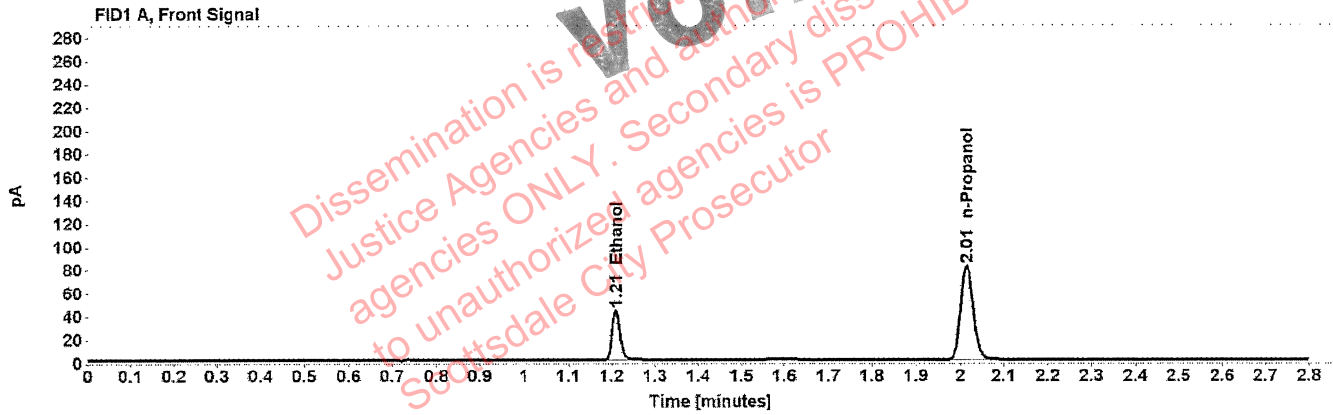


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	55.354
n-Propanol	2.015	163.039

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

Compound	Time (min)	Peak Area
Ethanol	1.372	64.603
Acetone	1.565	5.859
n-Propanol	2.464	200.511

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05101903	Vial: 3
Description: 0.200 calibrator	Sequence: 06Apr21
Method: ethanol quant.M	Injection date: 4/6/2021 4:07:55 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>JA</i>
Data file: C:\Chem32\1\Data\06Apr21\3.D	

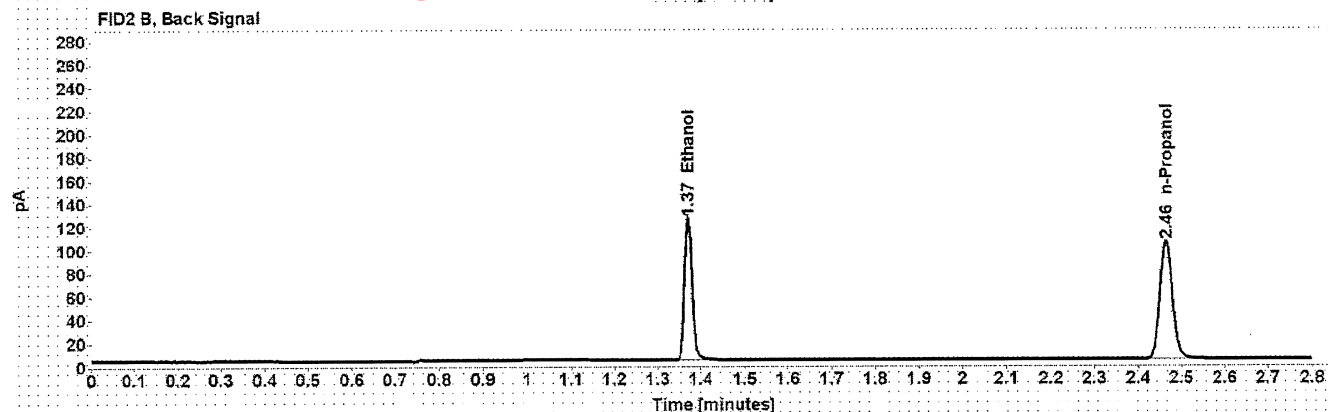
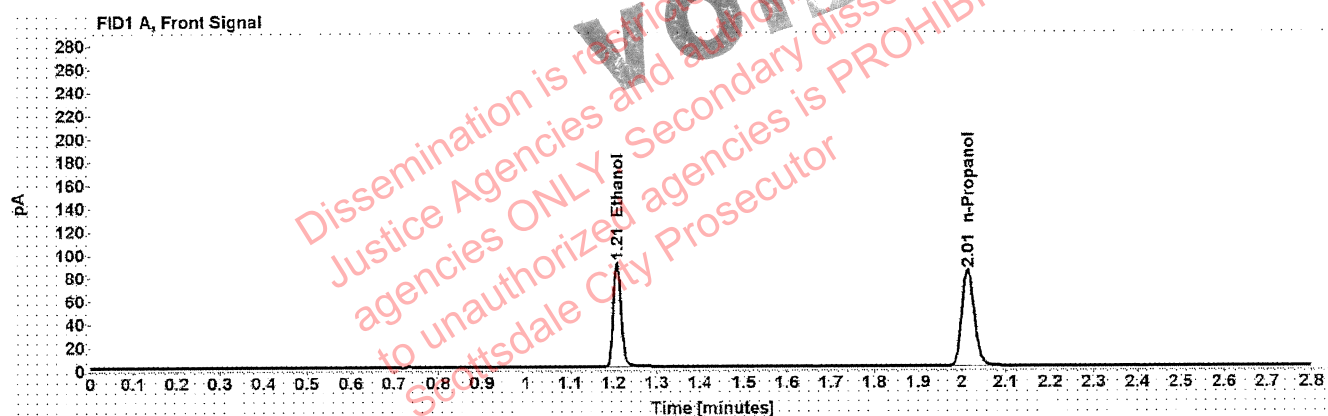


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	115.280
n-Propanol	2.014	166.856

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

Compound	Time (min)	Peak Area
Ethanol	1.370	150.876
n-Propanol	2.464	205.644

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 06Apr21
Method: ethanol quant.M	Injection date: 4/6/2021 4:11:55 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>JA</i>
Data file: C:\Chem32\1\Data\06Apr21\4.D	

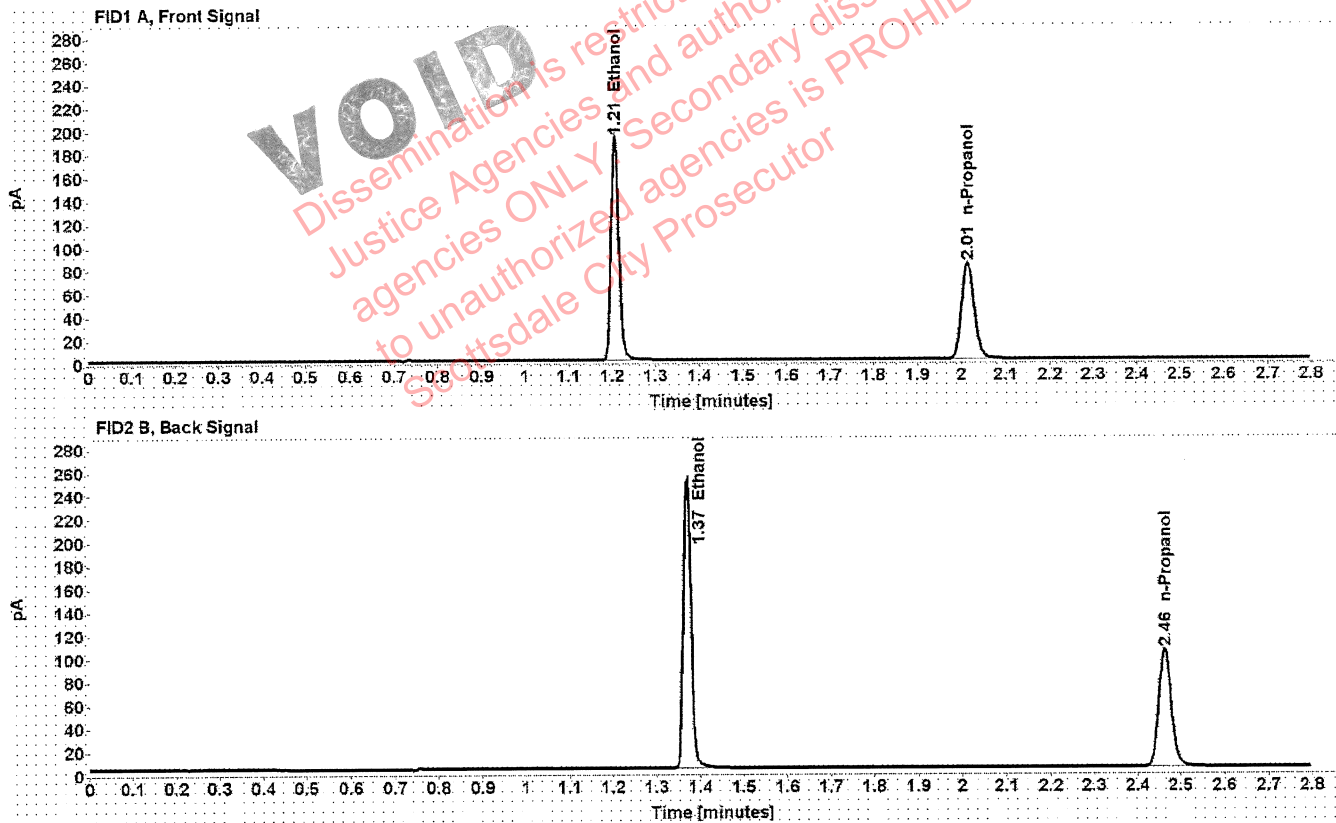


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	244.944
n-Propanol	2.014	166.775

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

Compound	Time (min)	Peak Area
Ethanol	1.370	306.122
n-Propanol	2.463	206.003

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 031021AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 4:15:54 PM
Data file: C:\Chem32\1\Data\06Apr21\5.D	Analyst: Abbott <i>JA</i>

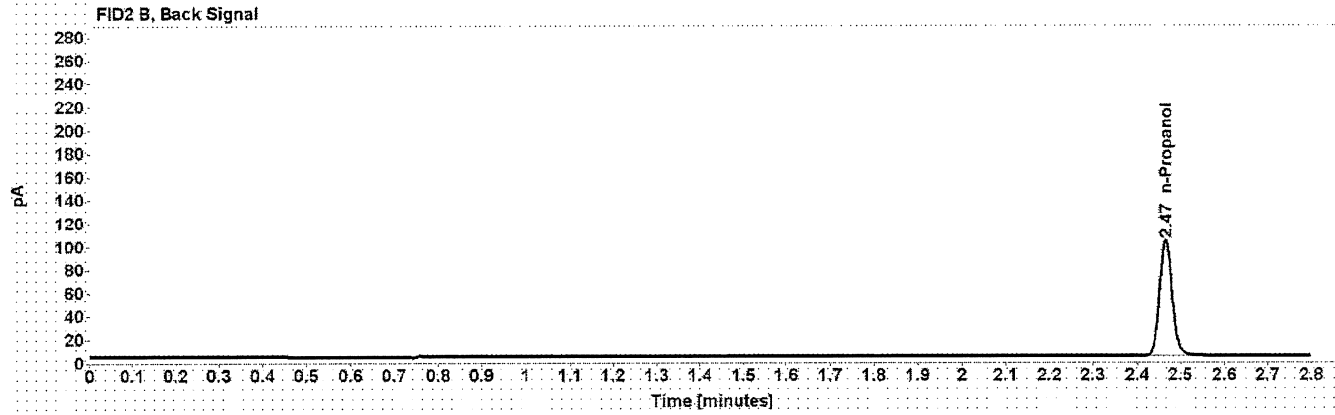
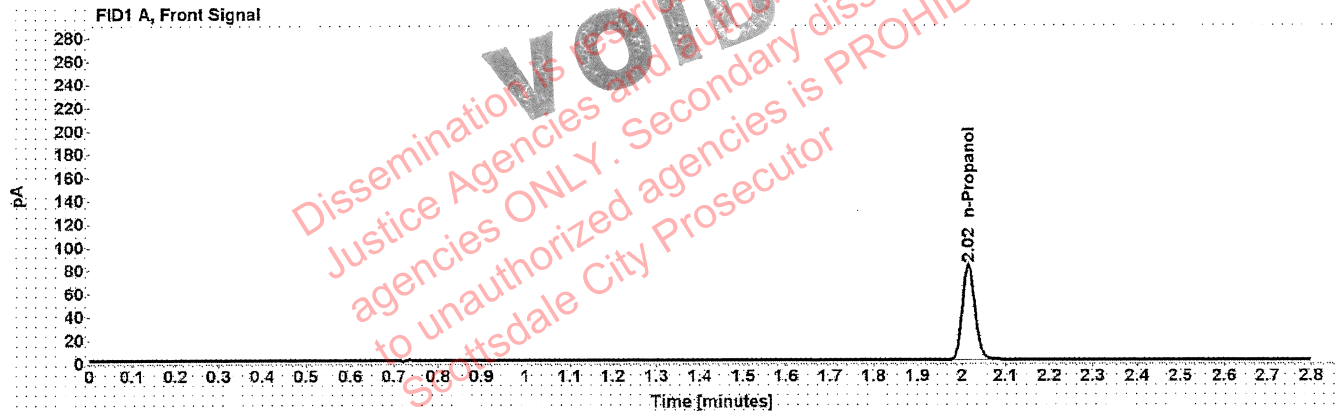


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	164.356

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

Compound	Time (min)	Peak Area
n-Propanol	2.465	202.410

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 070819MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 4:19:54 PM
Data file: C:\Chem3211\Data\06Apr21\6.D	Analyst: Abbott <i>JA</i>

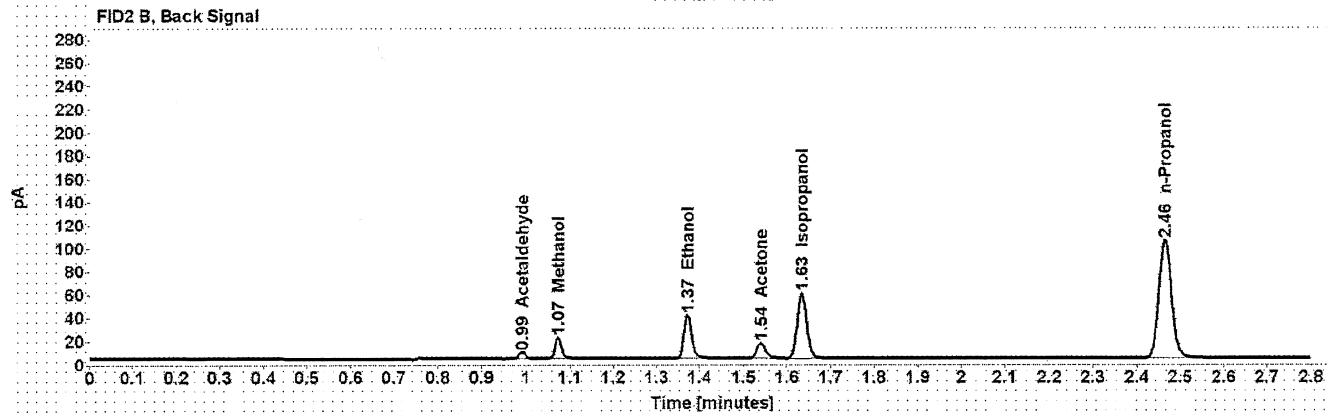
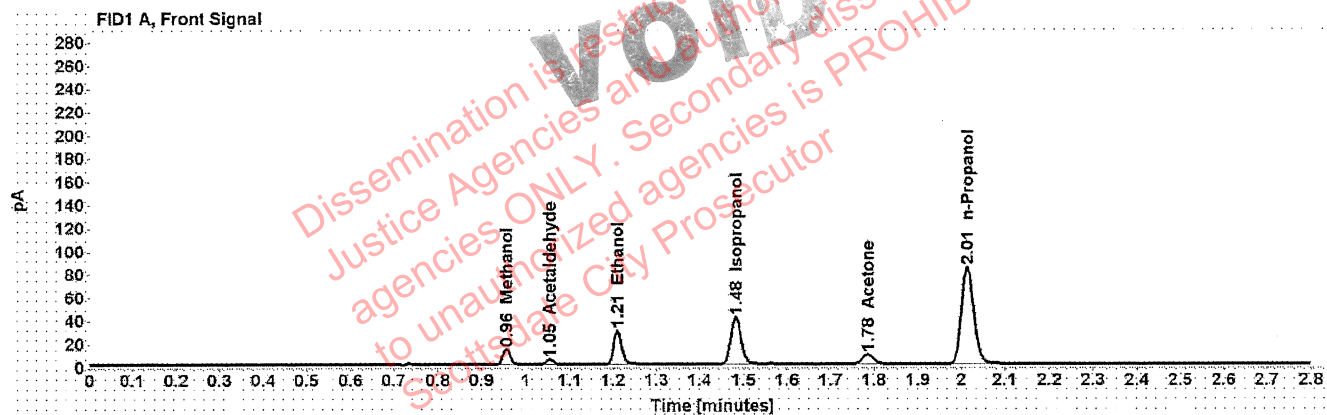


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	15.093
Acetaldehyde	-----	1.055	4.347
>Ethanol	0.0667	1.210	37.650
Isopropanol	-----	1.483	66.684
Acetone	-----	1.785	14.151
n-Propanol	-----	2.015	167.811

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.991	5.708
Methanol	1.073	19.301
Ethanol	1.372	46.855
Acetone	1.540	19.481
Isopropanol	1.634	86.845
n-Propanol	2.465	206.837

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 4:24:09 PM
Data file: C:\Chem32\1\Data\06Apr21\7.D	Analyst: Abbott <i>[Signature]</i>

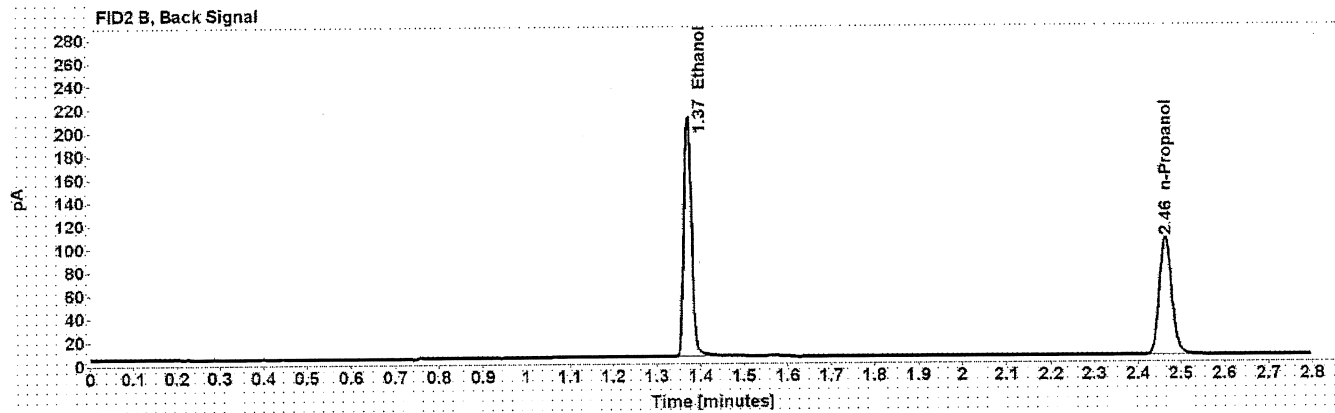
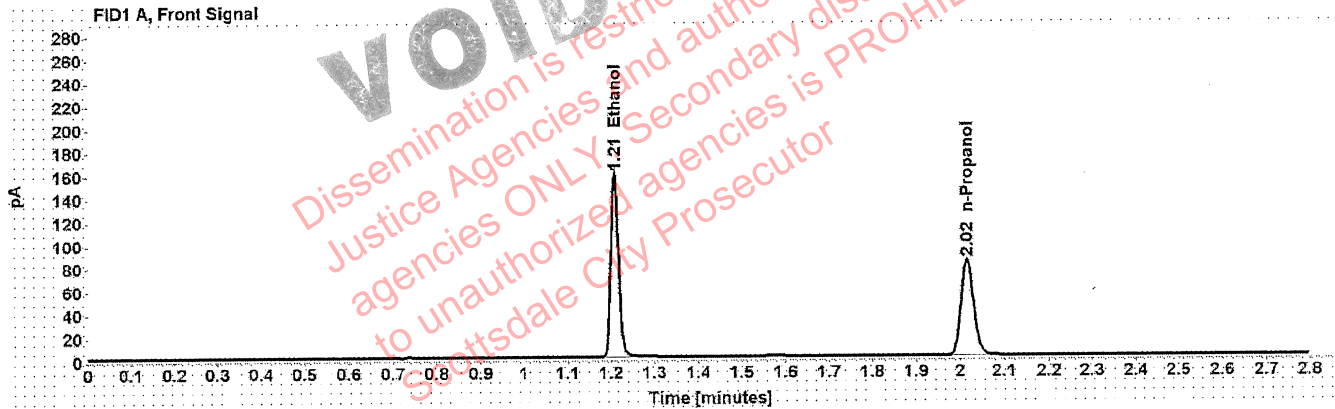


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3354	1.209	201.433
n-Propanol	-----	2.015	165.617

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

Compound	Time (min)	Peak Area
Ethanol	1.371	251.308
n-Propanol	2.464	203.916

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 4:28:09 PM
Data file: C:\Chem32\1\Data\06Apr21\8.D	Analyst: Abbott <i>AA</i>

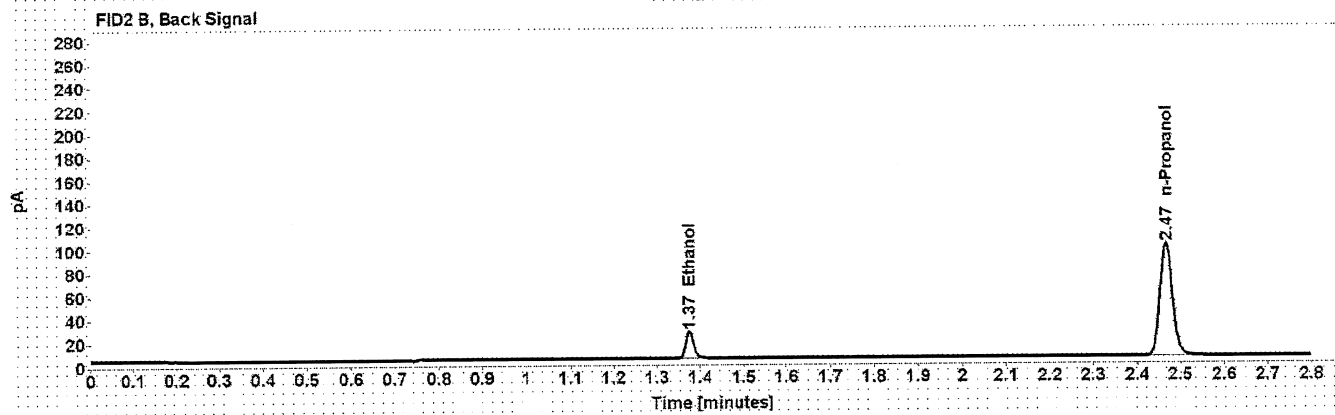
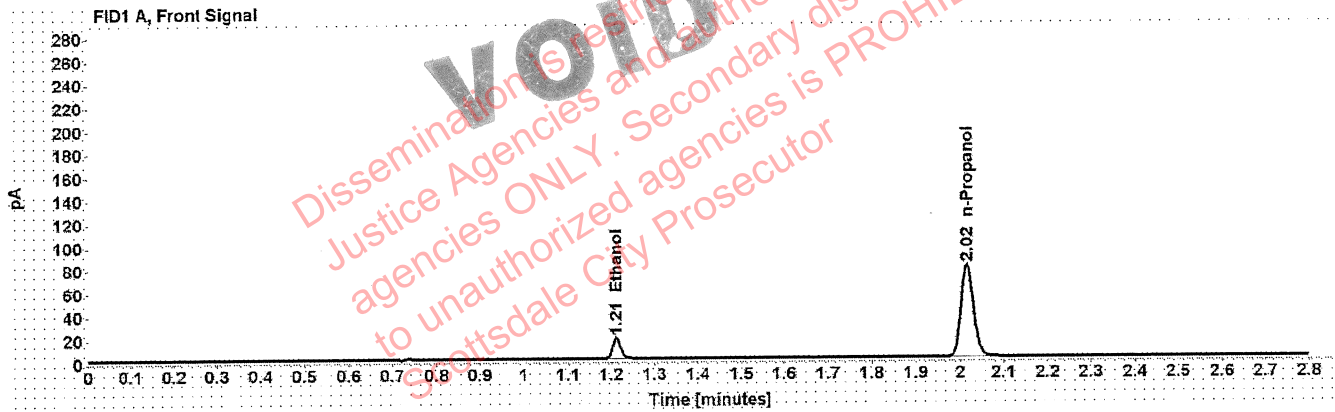


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0455	1.212	23.272
n-Propanol	-----	2.016	159.228

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

Compound	Time (min)	Peak Area
Ethanol	1.375	28.870
n-Propanol	2.467	195.834

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 9
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 4:32:10 PM
Data file: C:\Chem32\1\Data\06Apr21\9.D	Analyst: Abbott <i>dh</i>

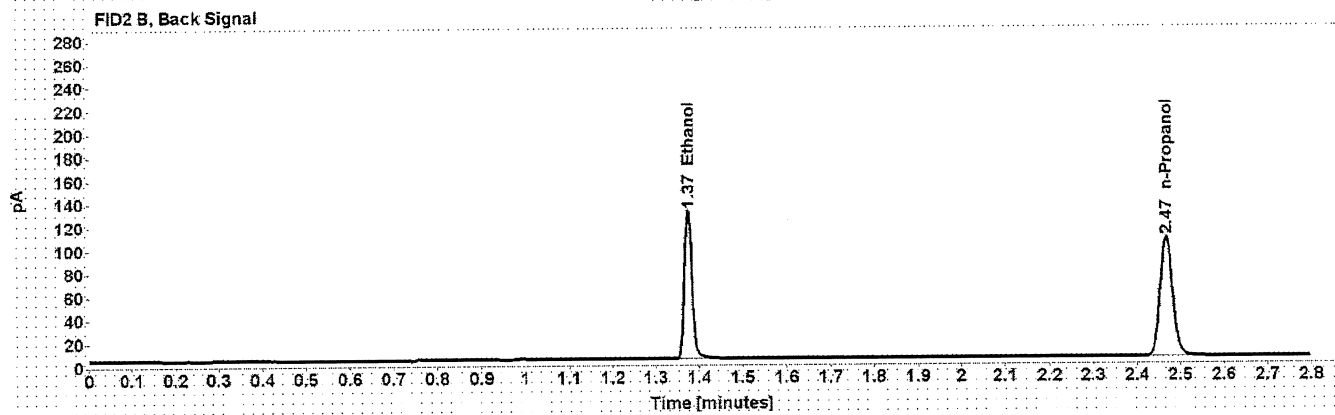
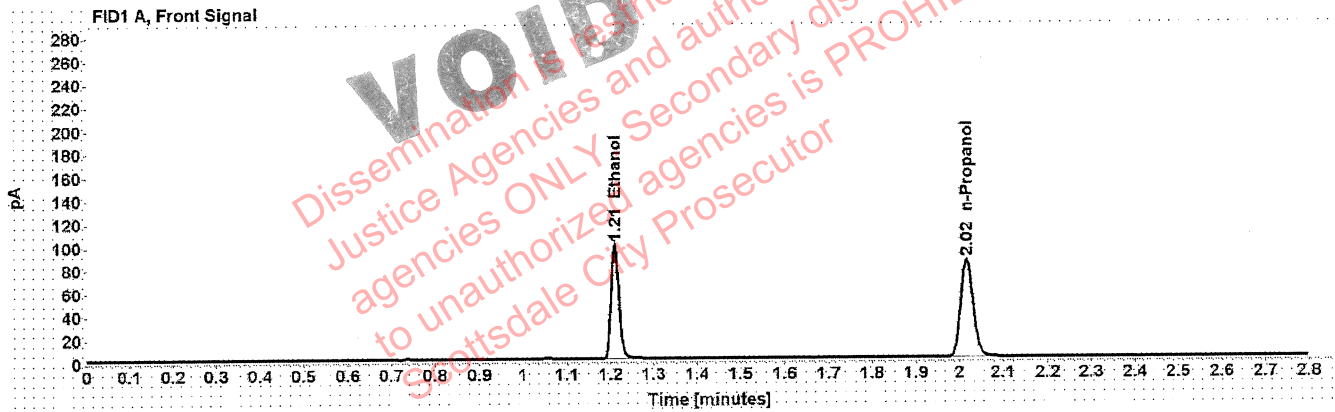


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2087	1.210	126.554
n-Propanol	-----	2.016	169.051

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.360
n-Propanol	2.467	208.603

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 5:16:39 PM
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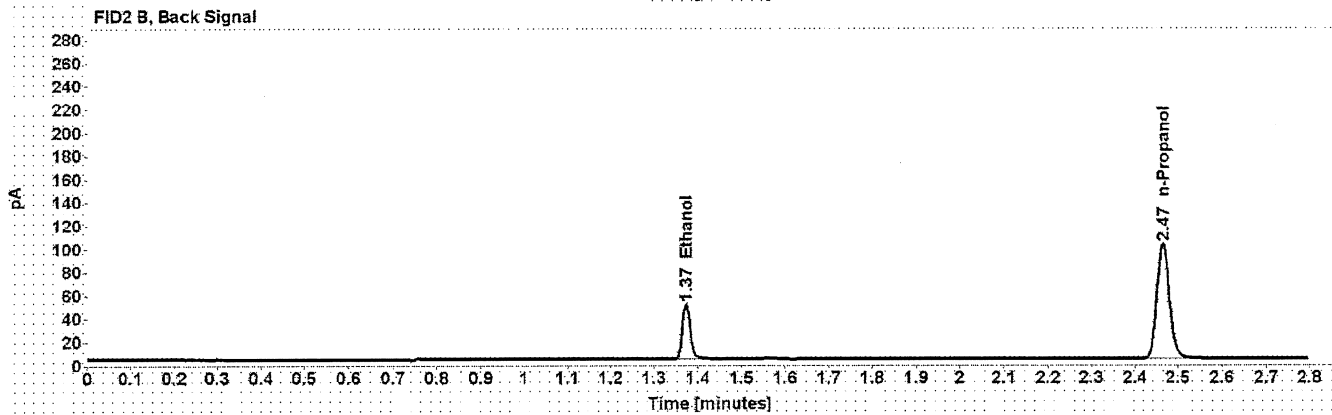
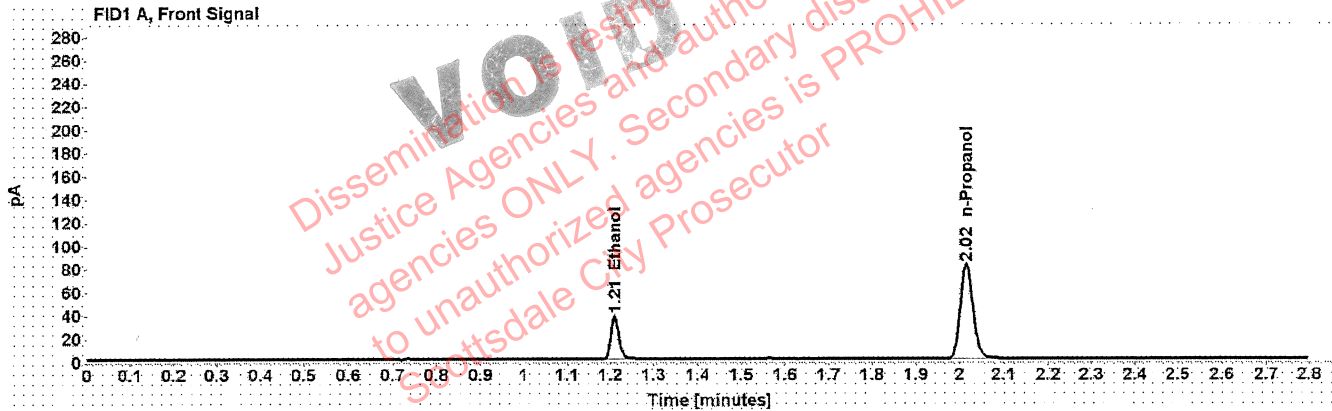


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0853	1.210	47.936
n-Propanol	-----	2.015	163.464

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

Compound	Time (min)	Peak Area
Ethanol	1.373	59.055
n-Propanol	2.465	201.348

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 6:01:11 PM
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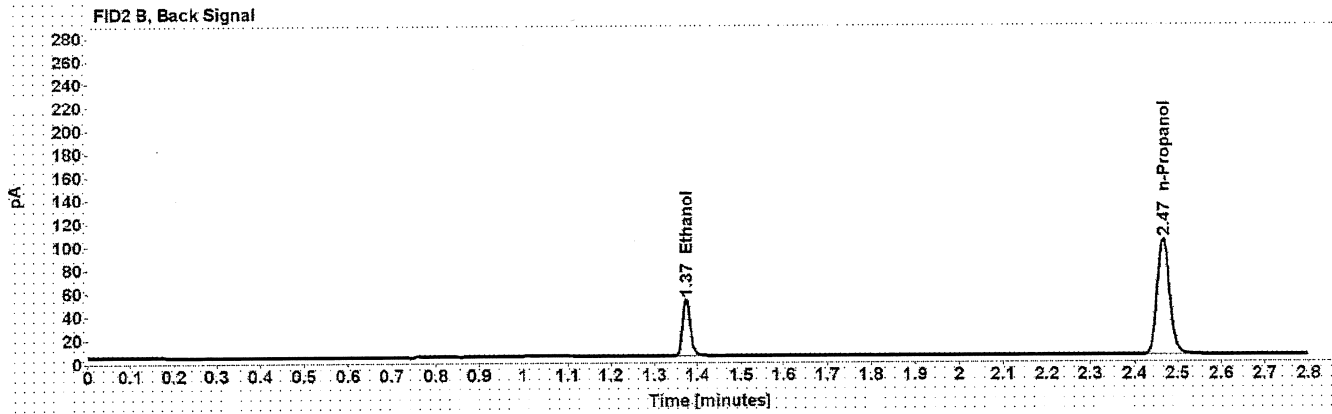
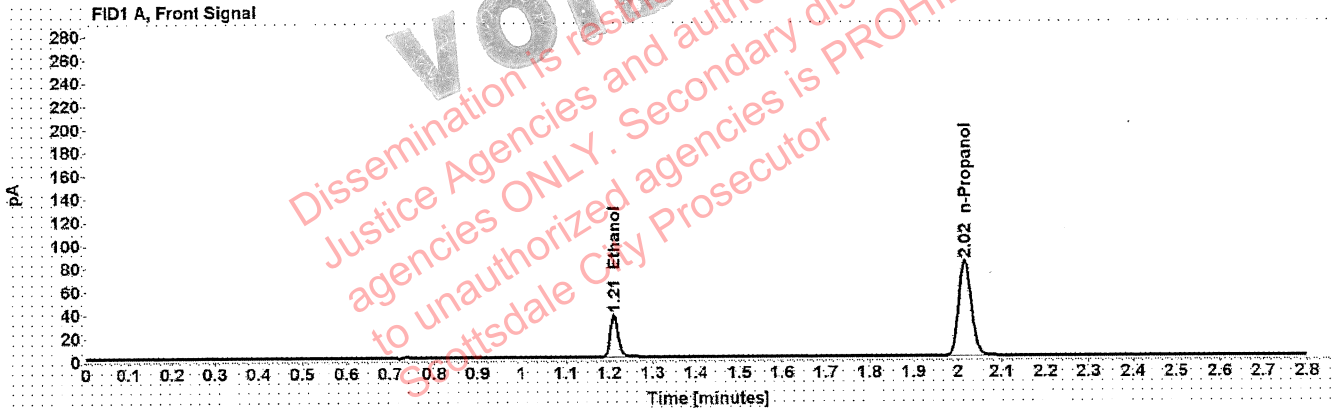


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0827	1.211	46.540
n-Propanol	-----	2.016	164.196

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

Compound	Time (min)	Peak Area
Ethanol	1.374	60.108
n-Propanol	2.467	202.188

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 42
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 6:45:25 PM
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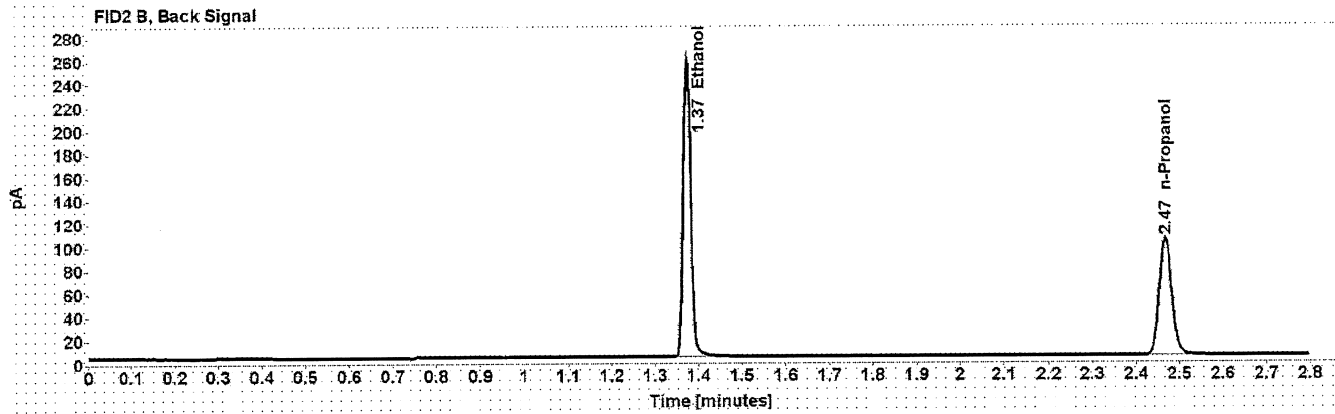
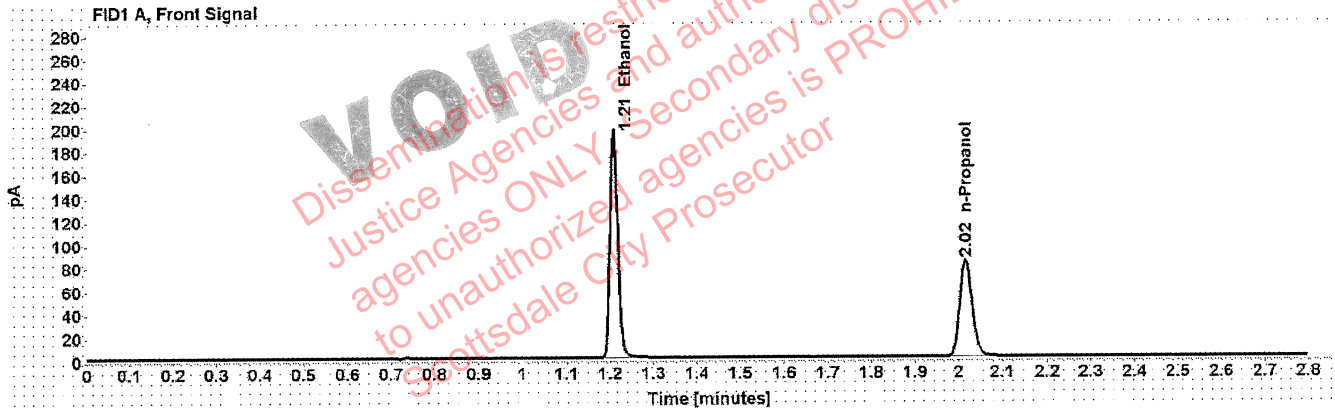


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4147	1.209	250.816
n-Propanol	-----	2.016	166.189

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

Compound	Time (min)	Peak Area
Ethanol	1.374	313.586
n-Propanol	2.467	205.320

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 6:49:41 PM
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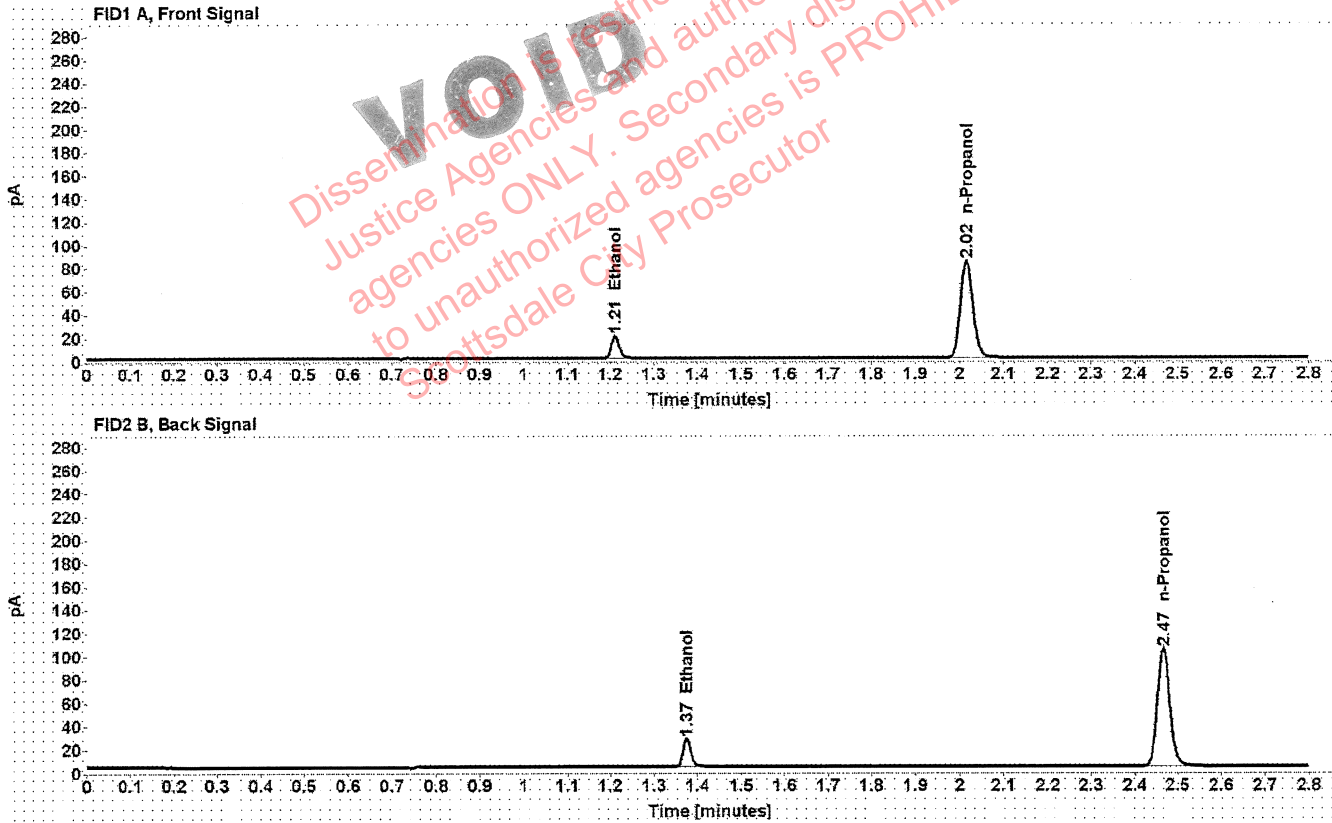


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0457	1.211	24.530
n-Propanol	-----	2.016	167.005

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.420
n-Propanol	2.467	205.732

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 44
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 6:53:40 PM
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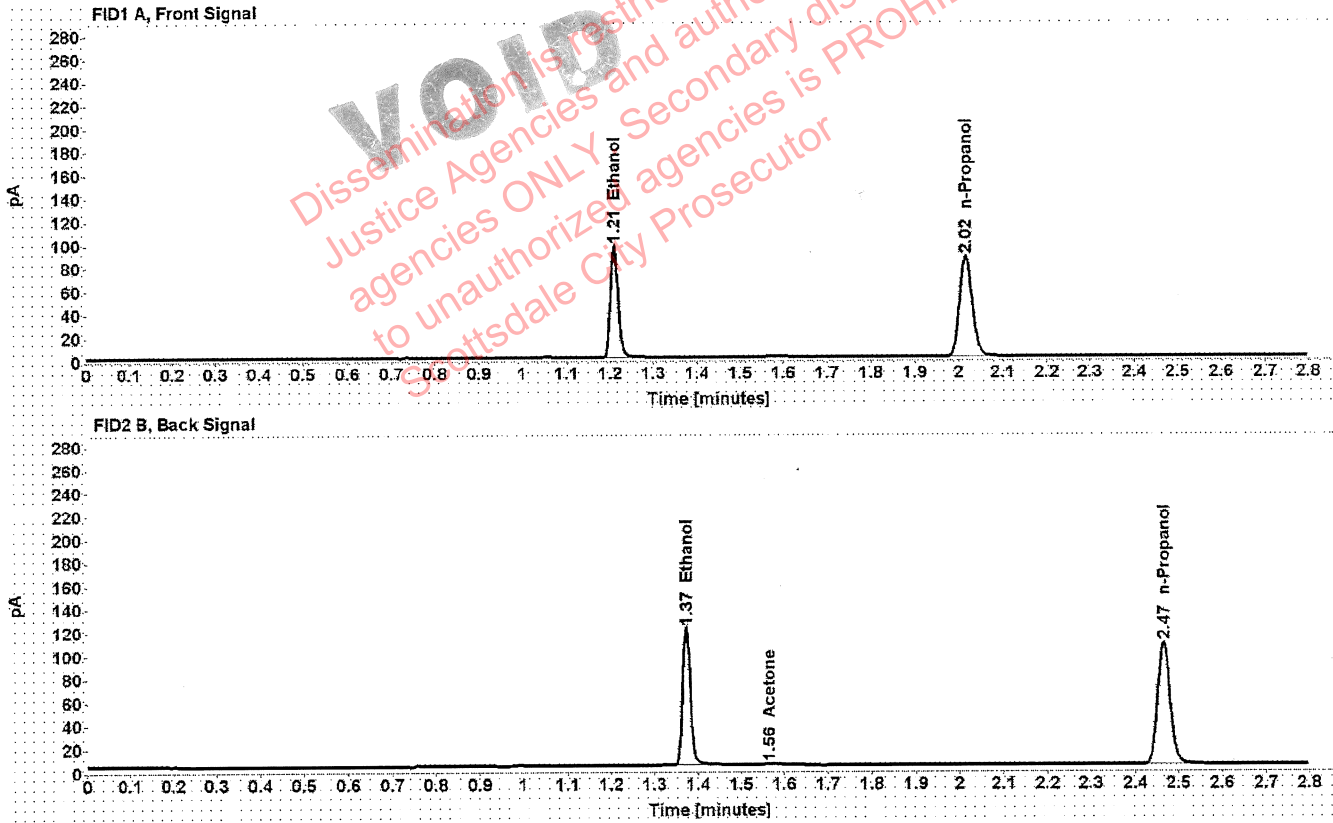


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1984	1.210	122.813
n-Propanol	-----	2.016	172.781

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

Compound	Time (min)	Peak Area
Ethanol	1.373	144.481
Acetone	1.564	5.281
n-Propanol	2.466	212.741

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 111020WB	Vial: 45
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 6:57:40 PM
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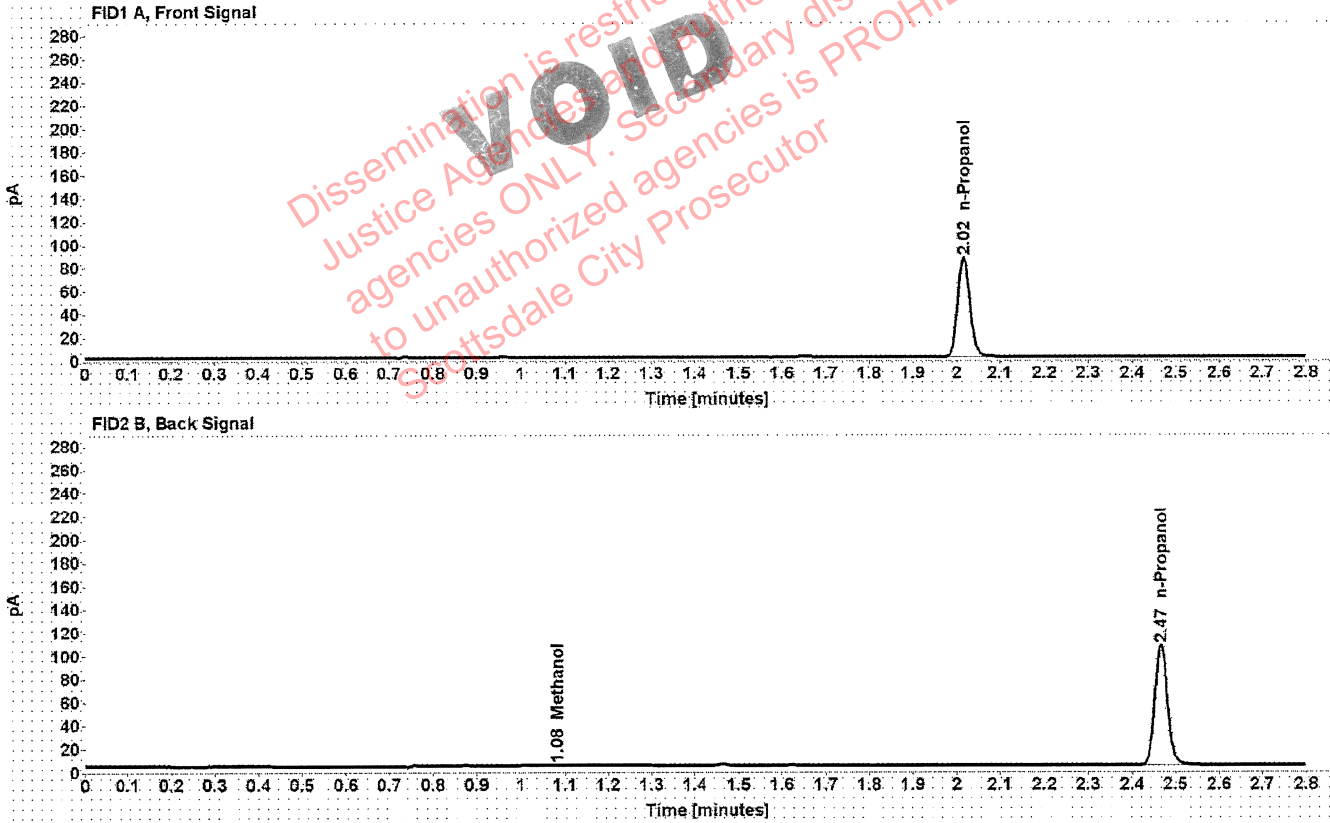


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	170.367

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

Compound	Time (min)	Peak Area
Methanol	1.083	3.785
n-Propanol	2.466	210.473

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ANALYTICAL WORKLIST

ANALYST: Lori Abbott

Print Date: 4/6/2021



X5ZBKYG70EBGW

VOID

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

Individual	Evid #	Evid Type	Row Number
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	35301SP	Blood	10 11
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	1337131	Blood	12 13
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	1365962	Blood	14 15
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	1366237	Blood	16 17
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	1366361	Blood	18 19
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	1365306	Blood	21 22
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	1365824	Blood	23 24
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	1365294	Blood	25 26

Handwritten initials/signature in the top right corner.

Individual	Evid #	Evid Type	Row Number
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	1366756	Blood	27
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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	1366759	Blood	29
[REDACTED]	[REDACTED]	[REDACTED]	30
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	1365299	Blood	32
[REDACTED]	[REDACTED]	[REDACTED]	33
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	1366766	Blood	34
[REDACTED]	[REDACTED]	[REDACTED]	35
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	1367036	Blood	36
[REDACTED]	[REDACTED]	[REDACTED]	37
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	1366888	Blood	38
[REDACTED]	[REDACTED]	[REDACTED]	39
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	1366760	Blood	40
[REDACTED]	[REDACTED]	[REDACTED]	41

15

VOID

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Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 35301SP	Vial: 10
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 4:36:09 PM
Data file: C:\Chem32\1\Data\06Apr21\10.D	Analyst: Abbott <i>ph</i>

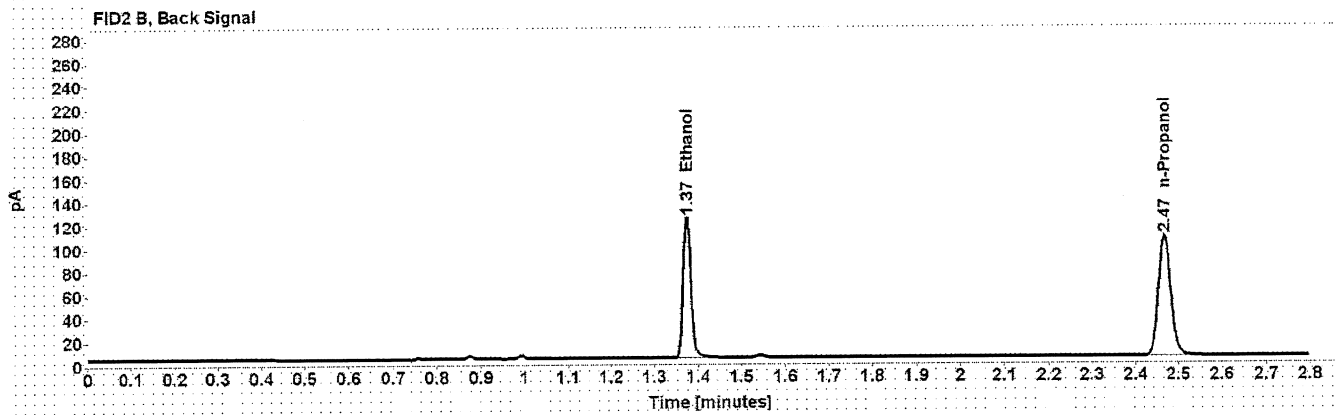
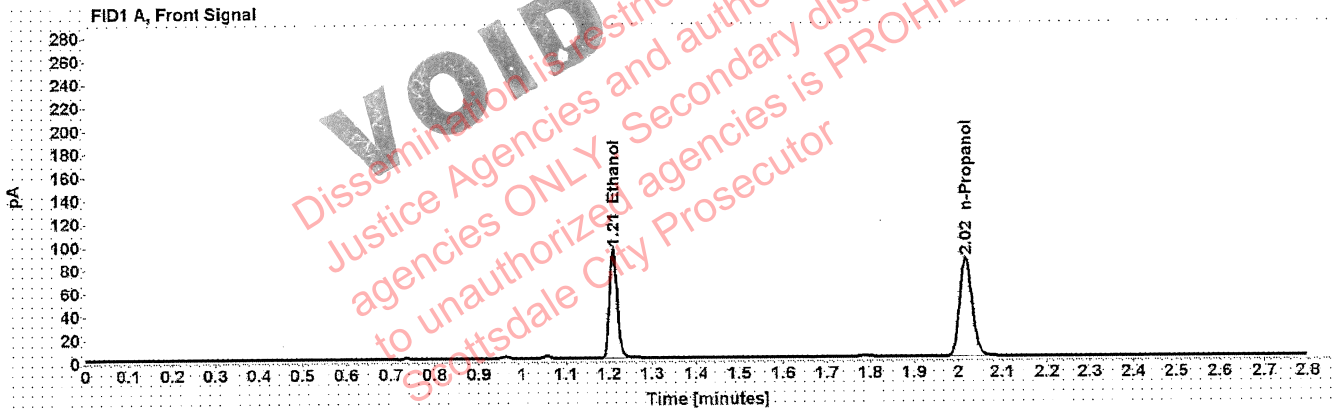


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1977	1.210	120.344
n-Propanol	-----	2.016	169.959

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

Compound	Time (min)	Peak Area
Ethanol	1.374	149.581
n-Propanol	2.467	209.507

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 35301SP	Vial: 11
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 4:40:09 PM
Data file: C:\Chem32\11\Data\06Apr21\11.D	Analyst: Abbott <i>JA</i>

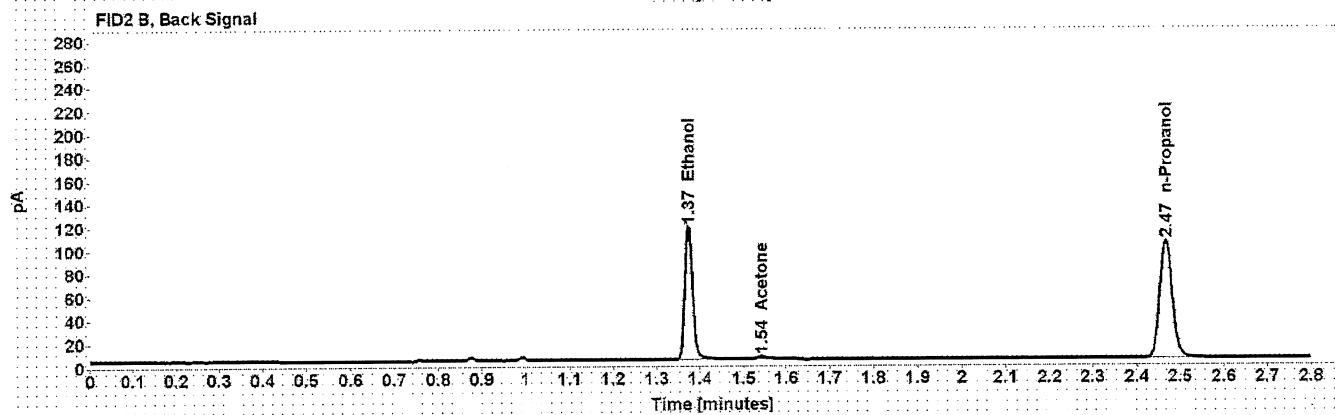
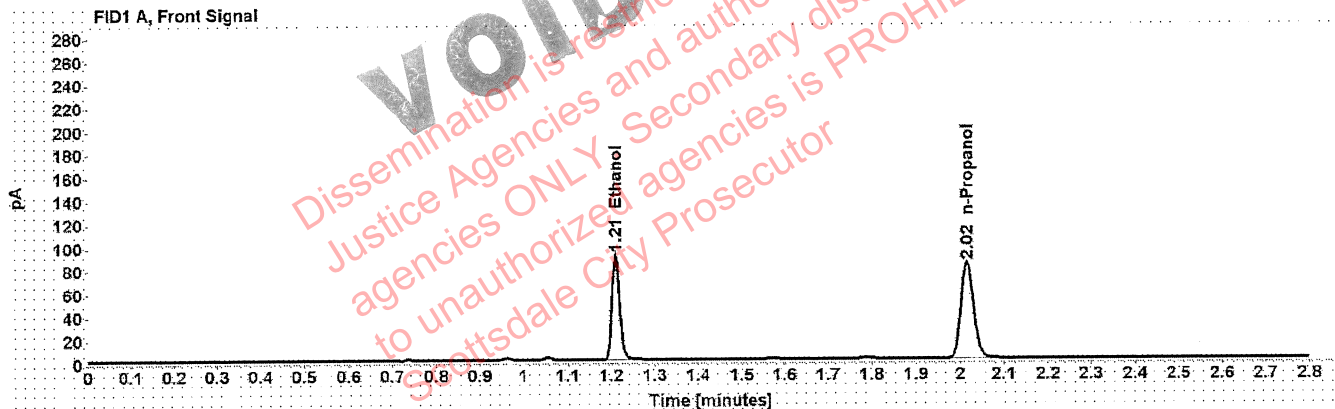


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1957	1.210	116.312
n-Propanol	-----	2.016	165.957

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

Compound	Time (min)	Peak Area
Ethanol	1.374	140.855
Acetone	1.542	4.161
n-Propanol	2.467	204.314

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1337131	Vial: 12
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 4:44:10 PM
Data file: C:\Chem32\1\Data\06Apr21\12.D	Analyst: Abbott <i>g</i>

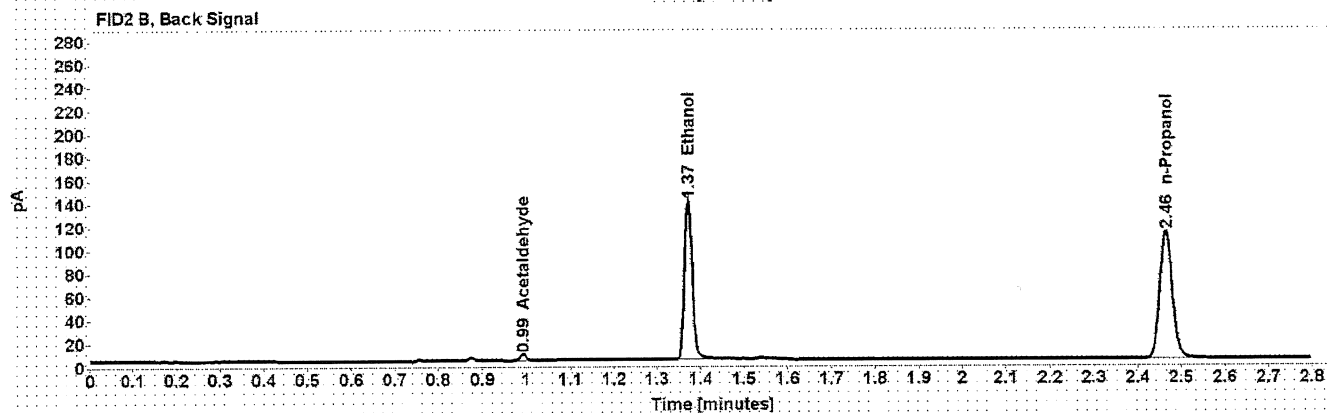
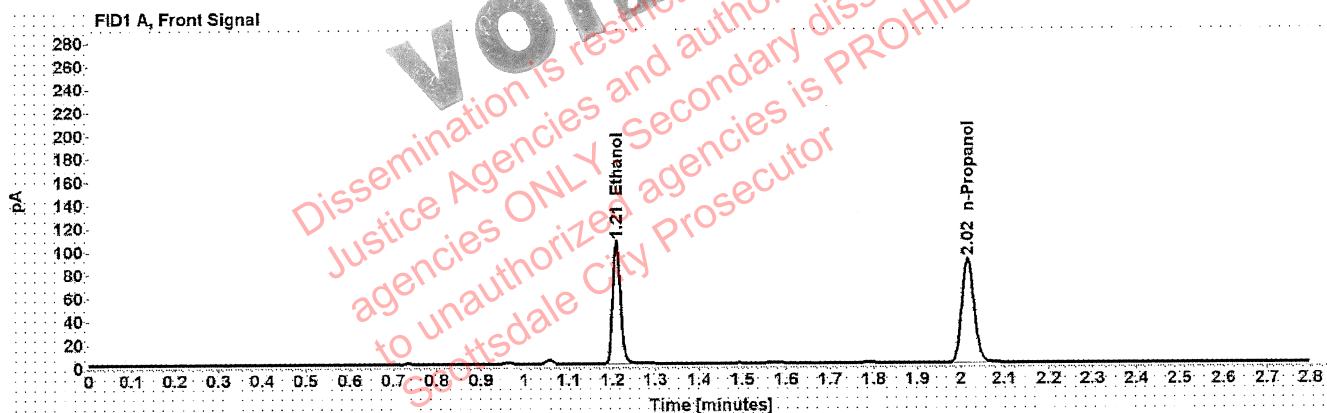


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2092	1.209	134.387
n-Propanol	-----	2.016	179.037

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.949
Ethanol	1.372	166.603
n-Propanol	2.465	220.713

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1337131	Vial: 13
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 4:48:24 PM
Data file: C:\Chem321\Data\06Apr21\13.D	Analyst: Abbott

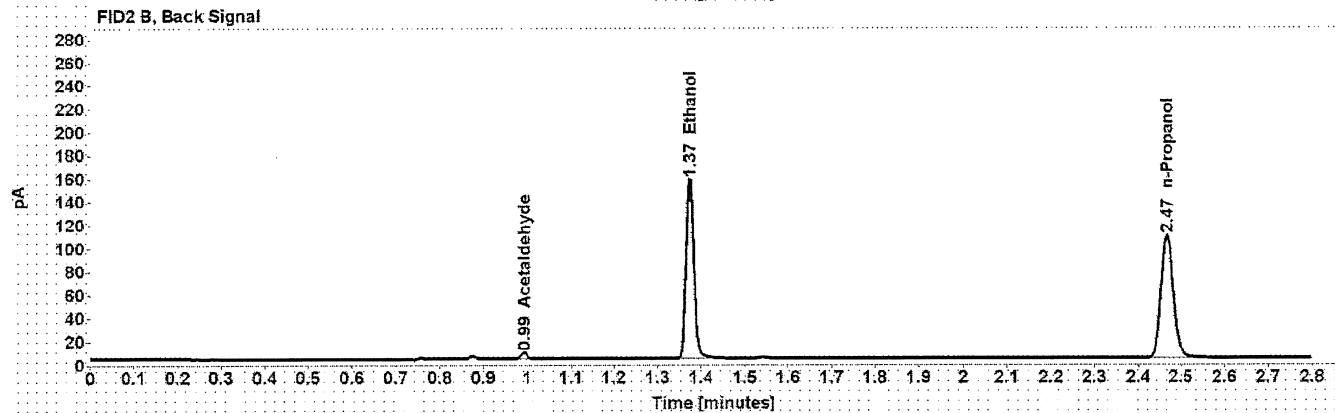
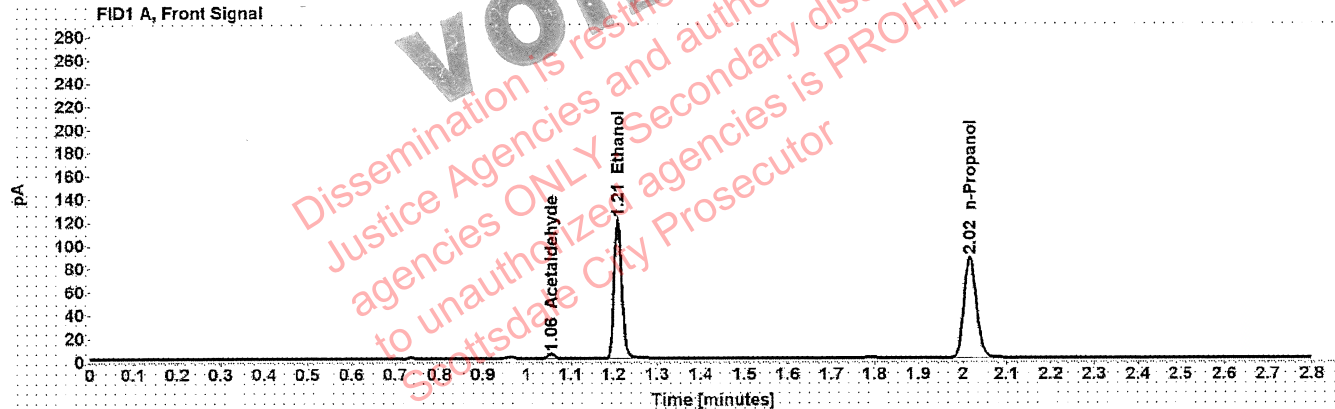


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.944
>Ethanol	0.2455	1.210	153.097
n-Propanol	-----	2.016	173.096

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.208
Ethanol	1.374	190.629
n-Propanol	2.467	213.531

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1365962	Vial: 14
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 4:52:25 PM
Data file: C:\Chem32\1\Data\06Apr21\14.D	Analyst: Abbott

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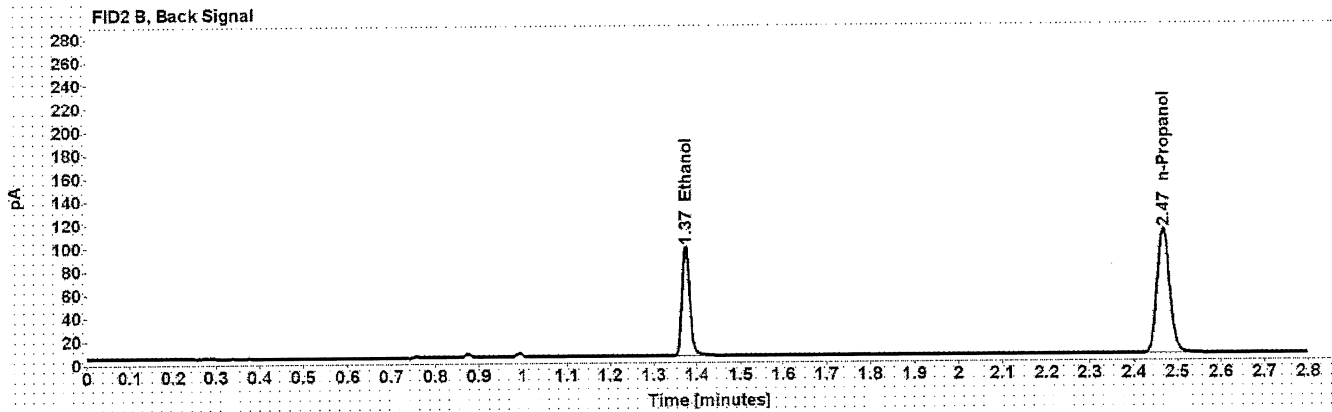
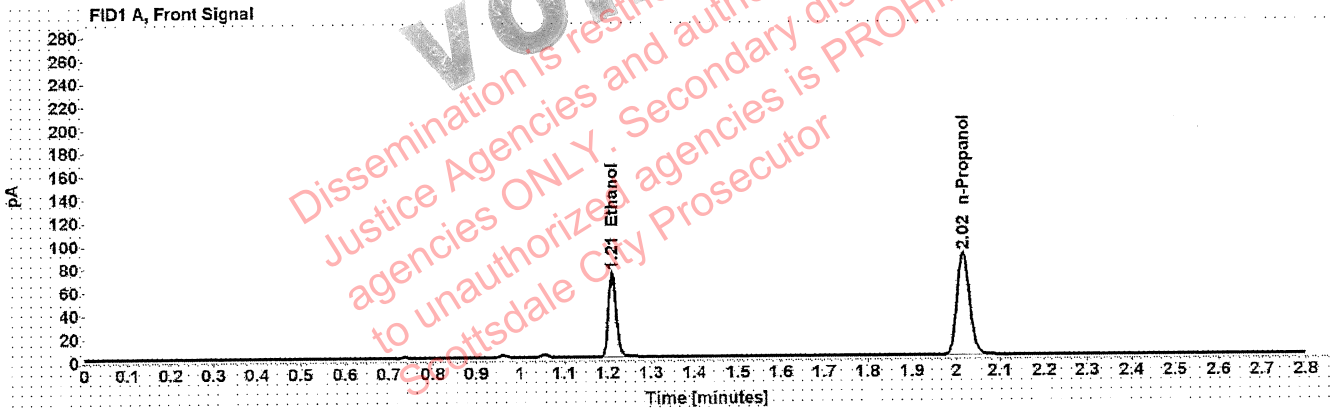


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1494	1.210	93.345
n-Propanol	-----	2.016	176.176

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

Compound	Time (min)	Peak Area
Ethanol	1.374	115.900
n-Propanol	2.467	216.928

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1365962	Vial: 15
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 4:56:25 PM
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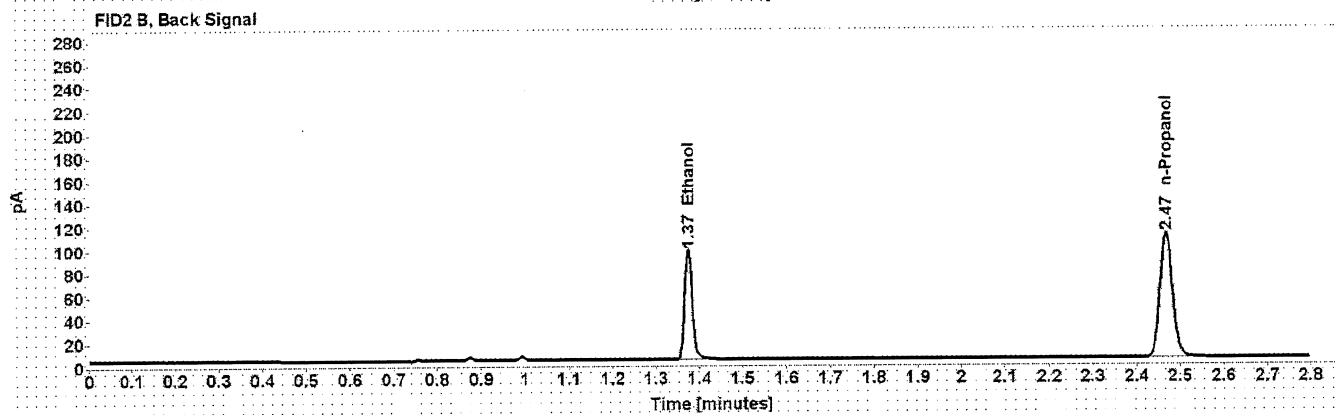
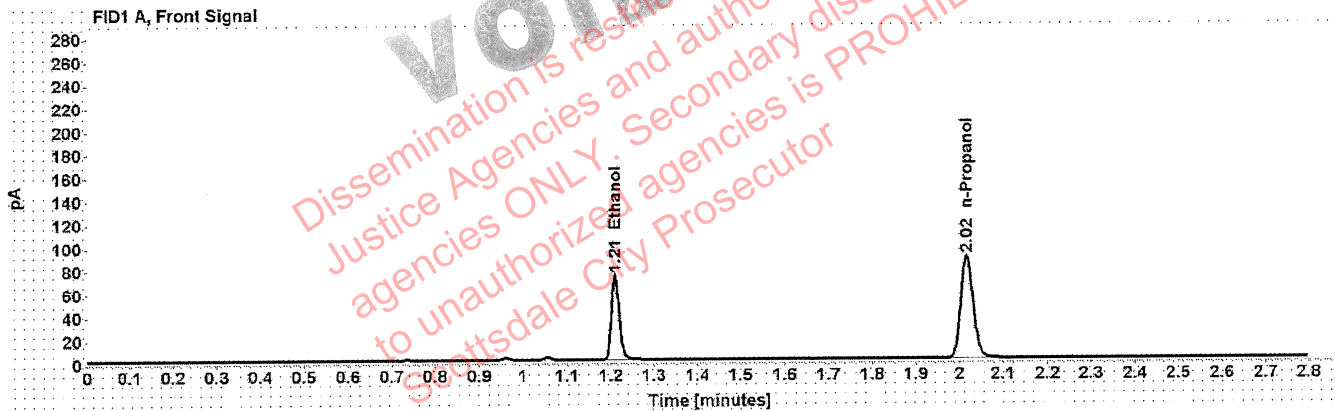


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1501	1.210	93.879
n-Propanol	-----	2.017	176.344

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

Compound	Time (min)	Peak Area
Ethanol	1.374	116.531
n-Propanol	2.468	216.971

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1366237	Vial: 16
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 5:00:24 PM
Data file: C:\Chem32\1\Data\06Apr21\16.D	Analyst: Abbott <i>DA</i>

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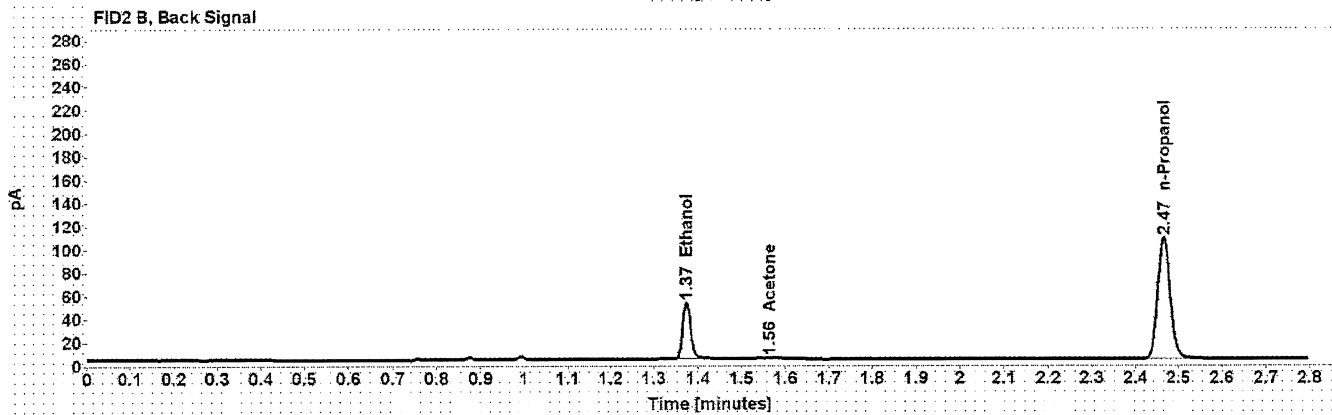
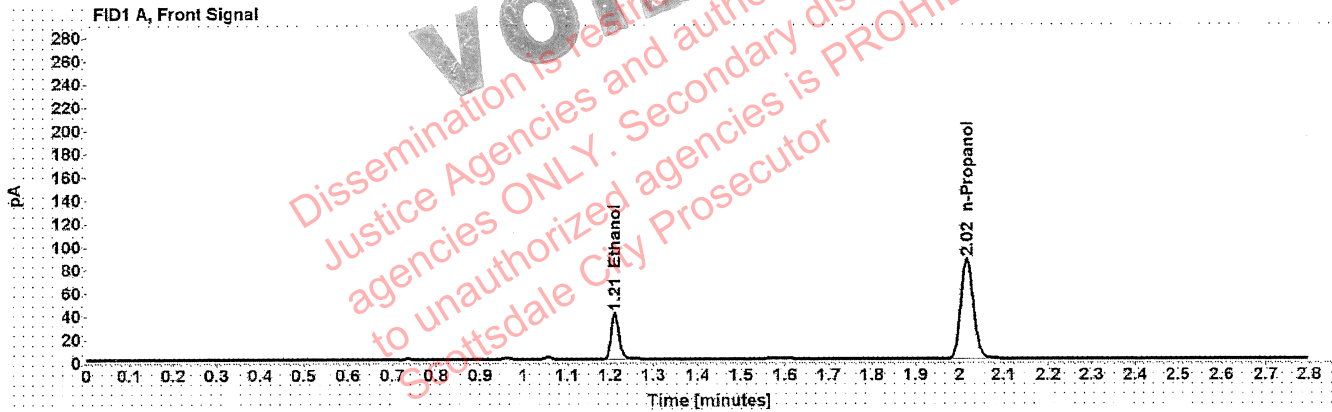


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0866	1.211	51.201
n-Propanol	-----	2.016	171.829

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

Compound	Time (min)	Peak Area
Ethanol	1.374	60.053
Acetone	1.564	5.479
n-Propanol	2.466	211.697

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1366237	Vial: 17
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 5:04:24 PM
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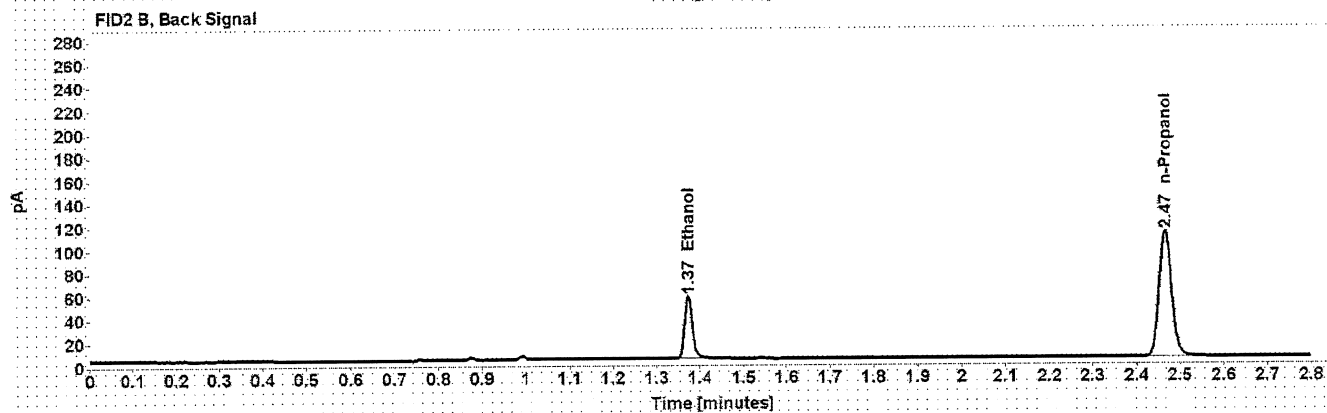
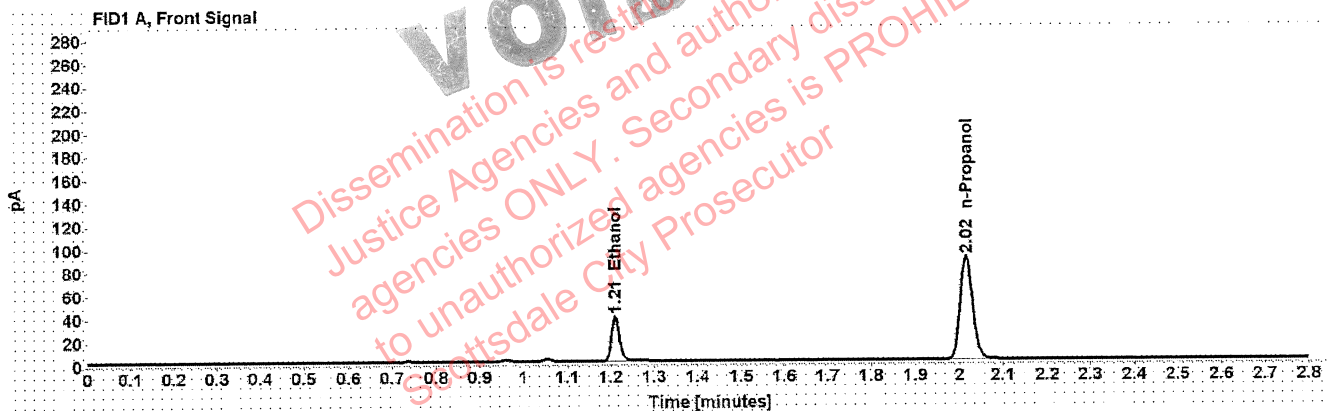


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0814	1.210	49.646
n-Propanol	-----	2.016	178.023

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

Compound	Time (min)	Peak Area
Ethanol	1.373	66.593
n-Propanol	2.466	219.416

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1366361	Vial: 18
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 5:08:25 PM
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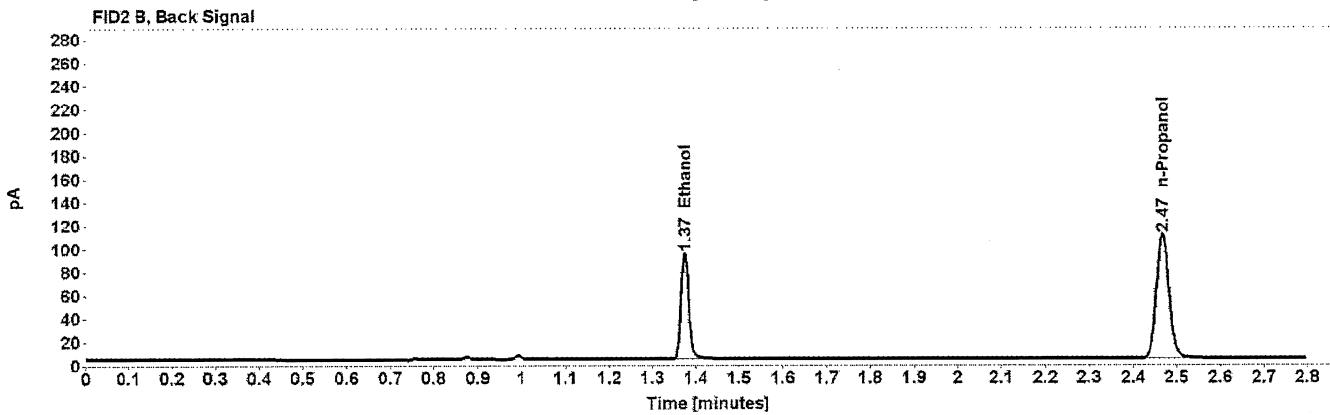
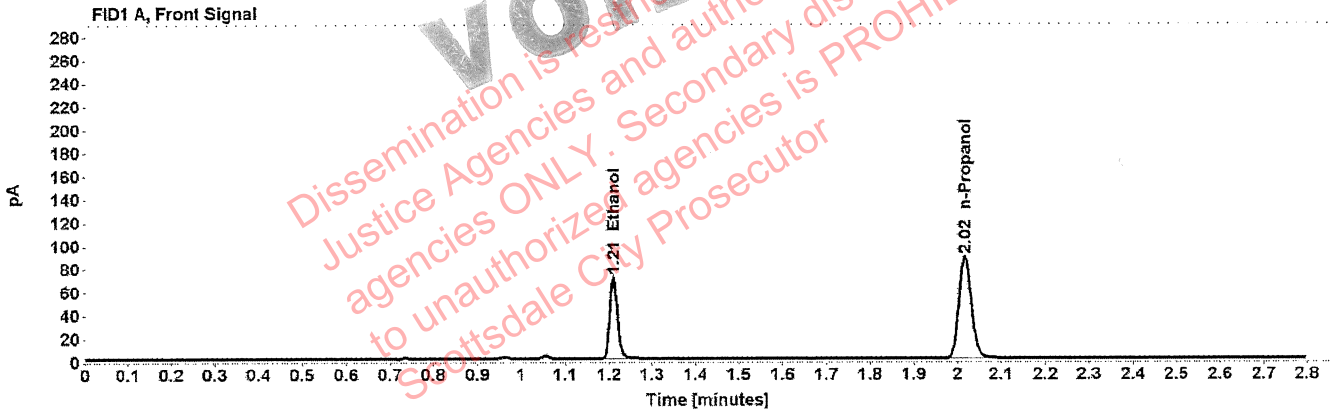


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1463	1.210	90.841
n-Propanol	-----	2.016	175.312

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

Compound	Time (min)	Peak Area
Ethanol	1.374	112.692
n-Propanol	2.467	216.141

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1366361	Vial: 19
Description: XXXXXXXXXX	LIMS ID: XXXXXXXXXX
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 5:12:39 PM
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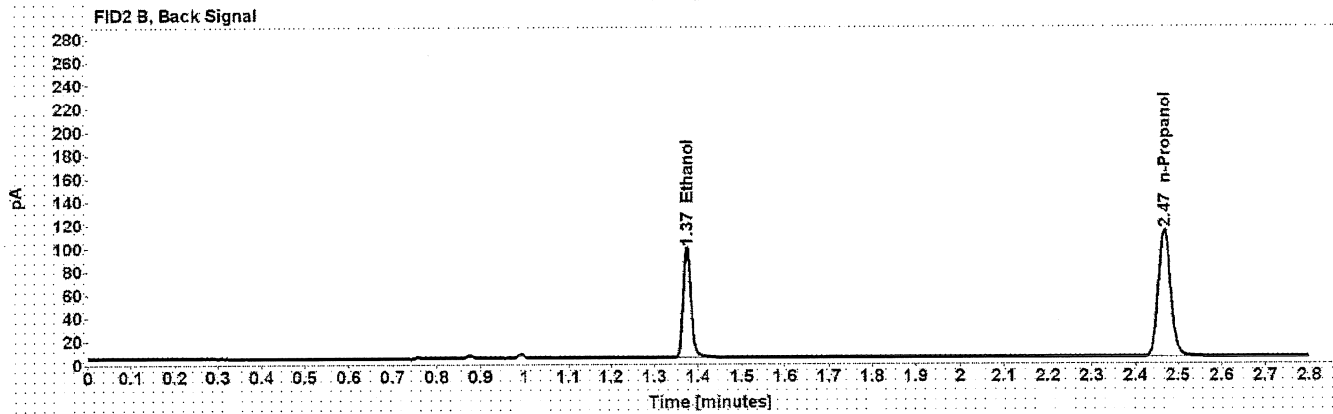
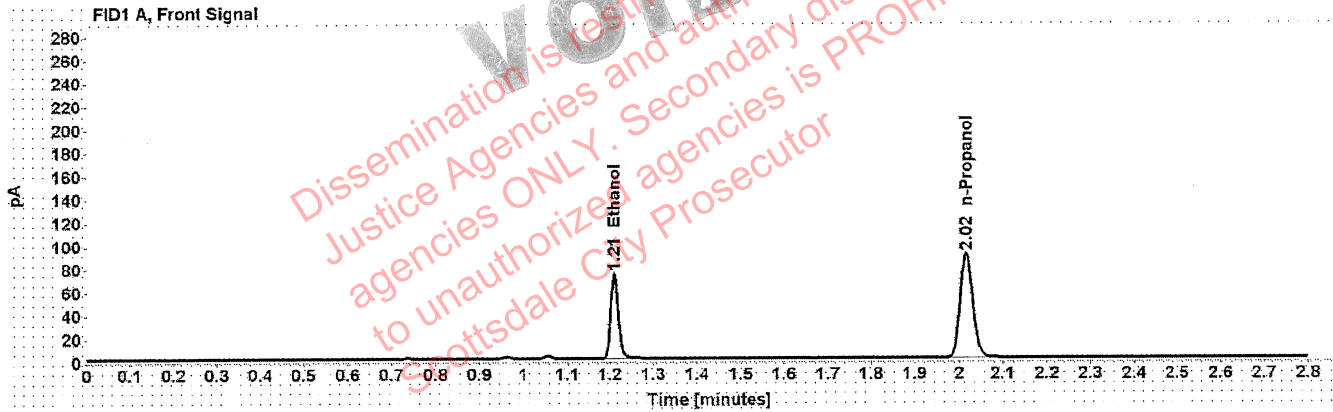


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1481	1.210	94.435
n-Propanol	-----	2.016	179.886

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

Compound	Time (min)	Peak Area
Ethanol	1.374	117.221
n-Propanol	2.467	221.626

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1365306	Vial: 21
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 5:20:39 PM
Data file: C:\Chem32\1\Data\06Apr21\21.D	Analyst: Abbott

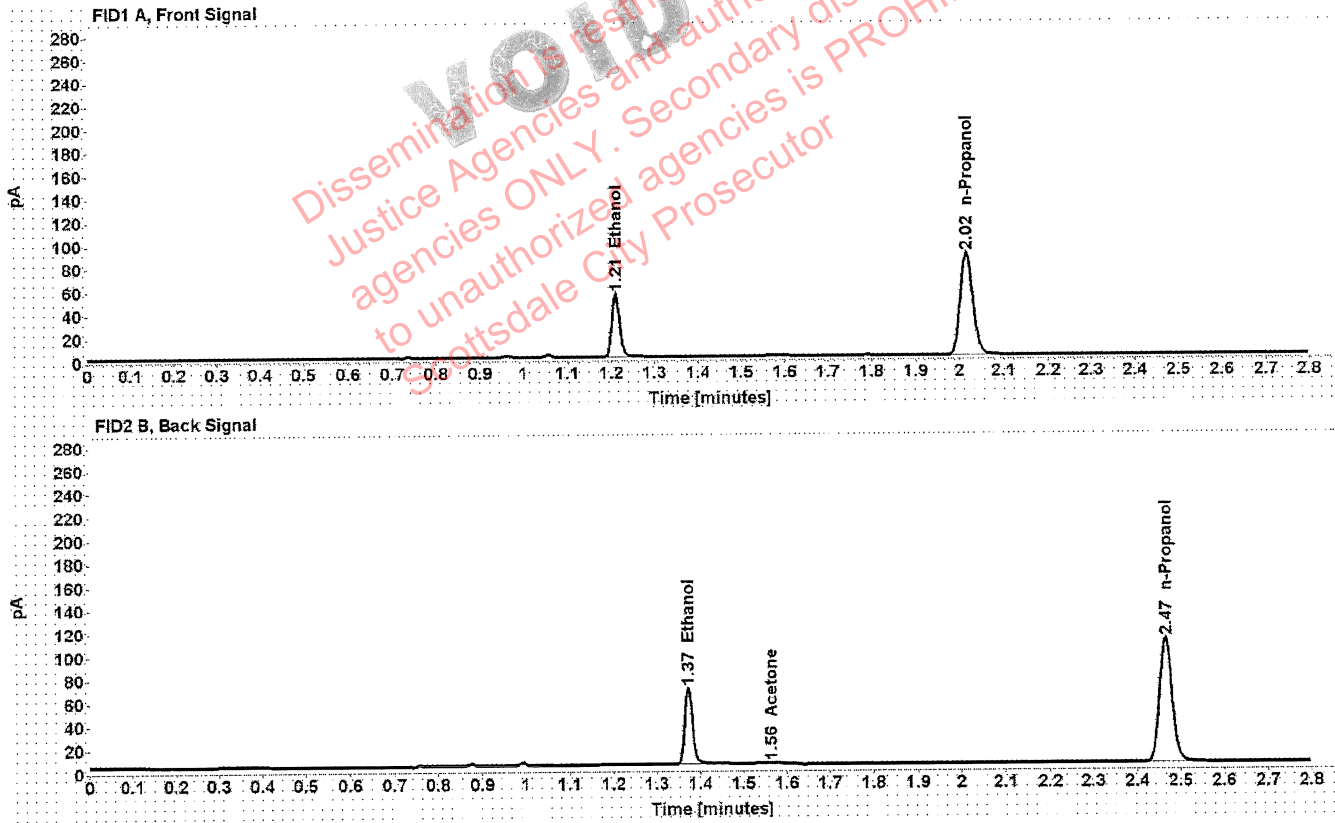


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1129	1.210	69.561
n-Propanol	-----	2.016	176.019

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

Compound	Time (min)	Peak Area
Ethanol	1.372	80.427
Acetone	1.563	4.535
n-Propanol	2.465	216.569

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1365306	Vial: 22
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 5:24:40 PM
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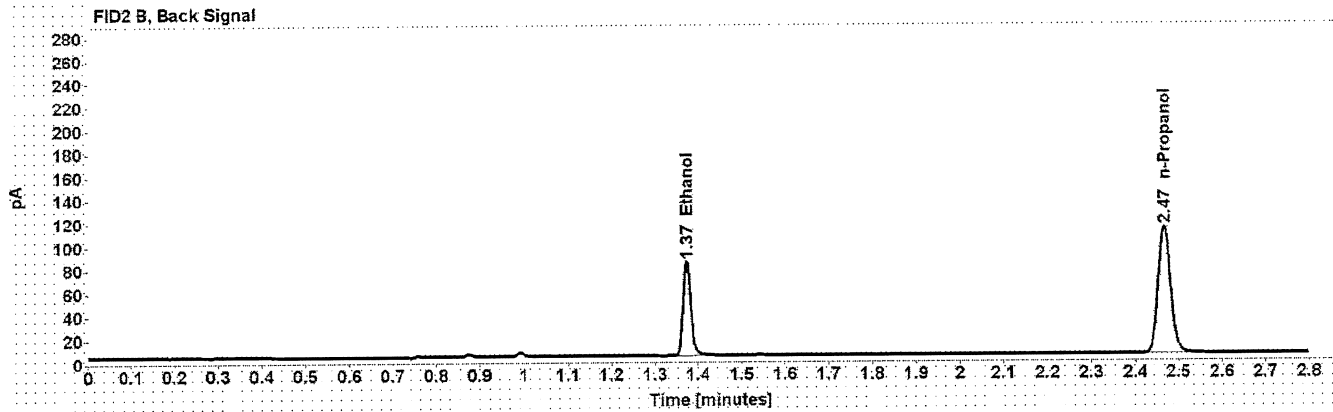
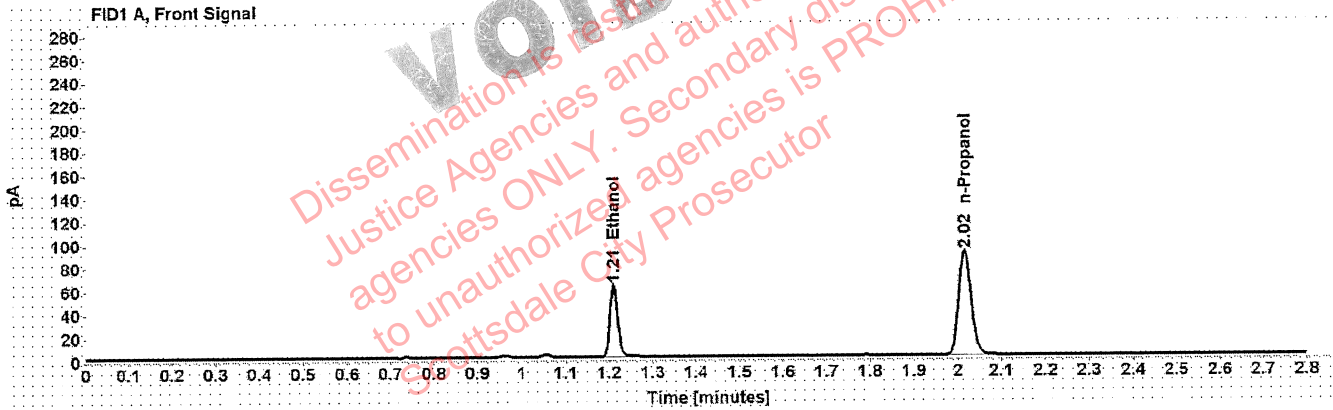


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1260	1.210	79.361
n-Propanol	-----	2.016	179.019

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

Compound	Time (min)	Peak Area
Ethanol	1.374	100.700
n-Propanol	2.467	220.809

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1365824	Vial: 23
Description: XXXXXXXXXX	LIMS ID: XXXXXXXXXX
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 5:28:40 PM
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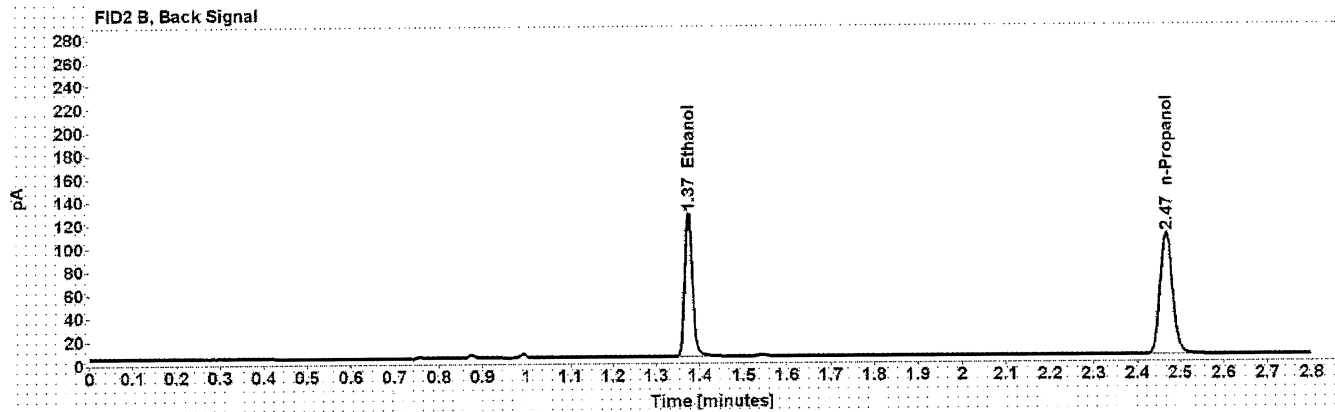
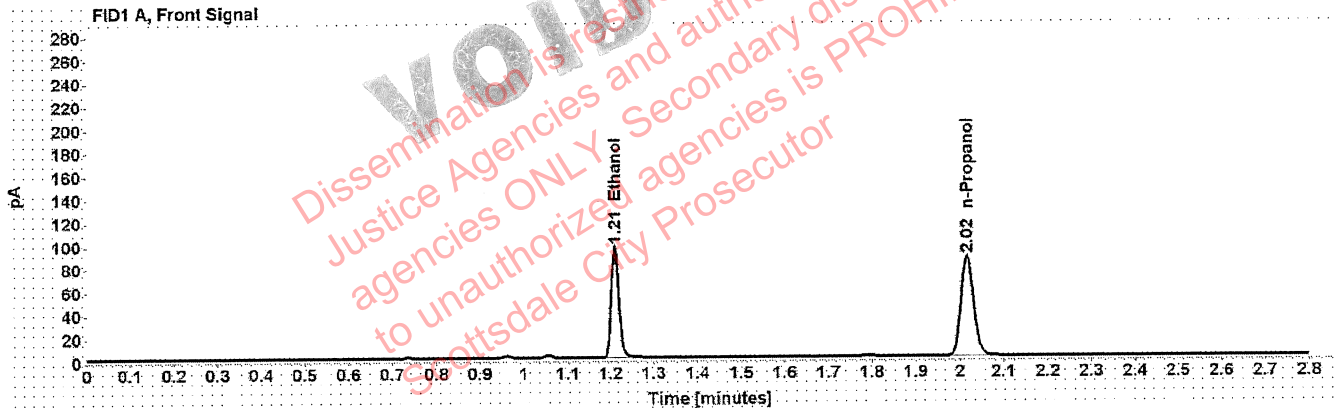


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1991	1.210	122.464
n-Propanol	-----	2.016	171.741

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

Compound	Time (min)	Peak Area
Ethanol	1.374	152.729
n-Propanol	2.467	211.575

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1365824	Vial: 24
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 5:32:39 PM
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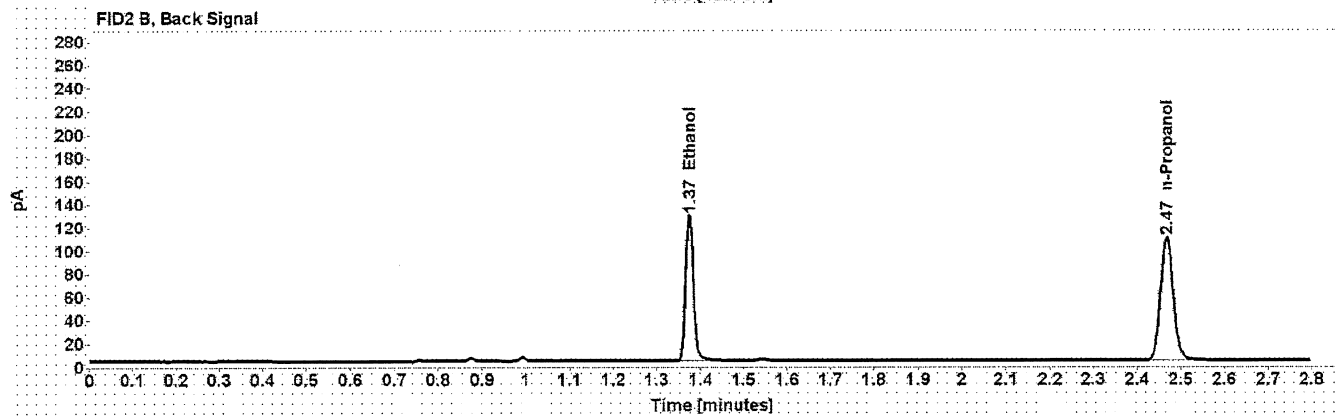
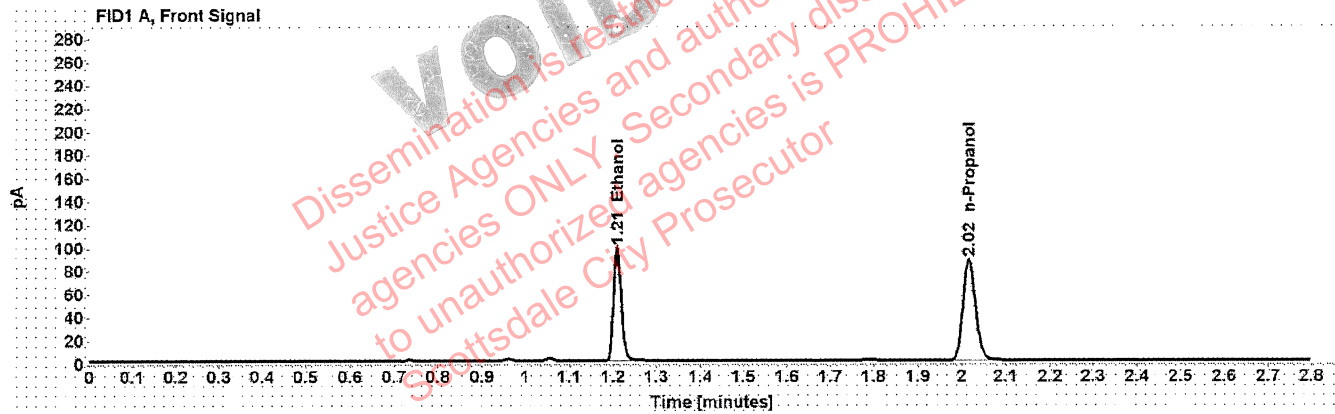


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2001	1.210	124.959
n-Propanol	-----	2.016	174.258

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

Compound	Time (min)	Peak Area
Ethanol	1.374	155.769
n-Propanol	2.467	214.774

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1365294	Vial: 25
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 5:36:54 PM
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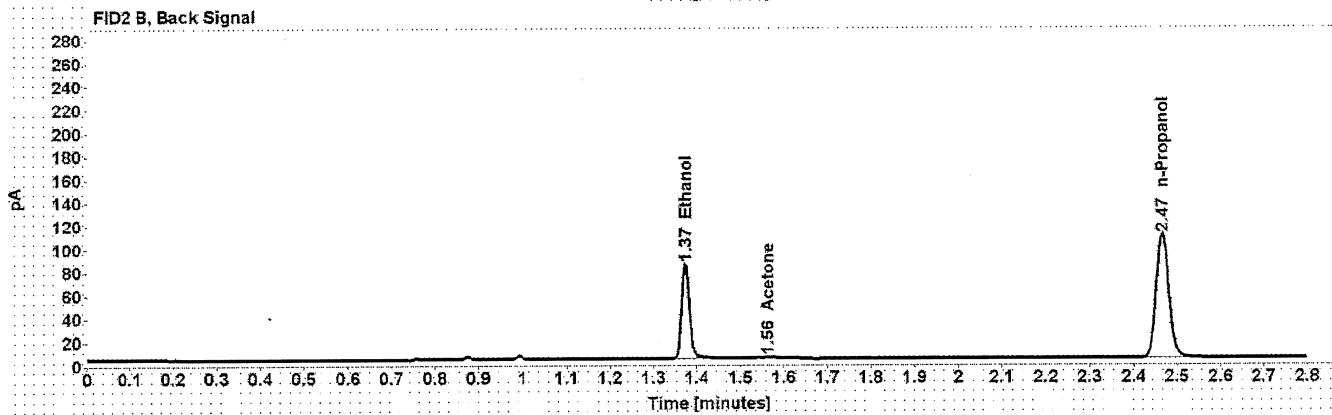
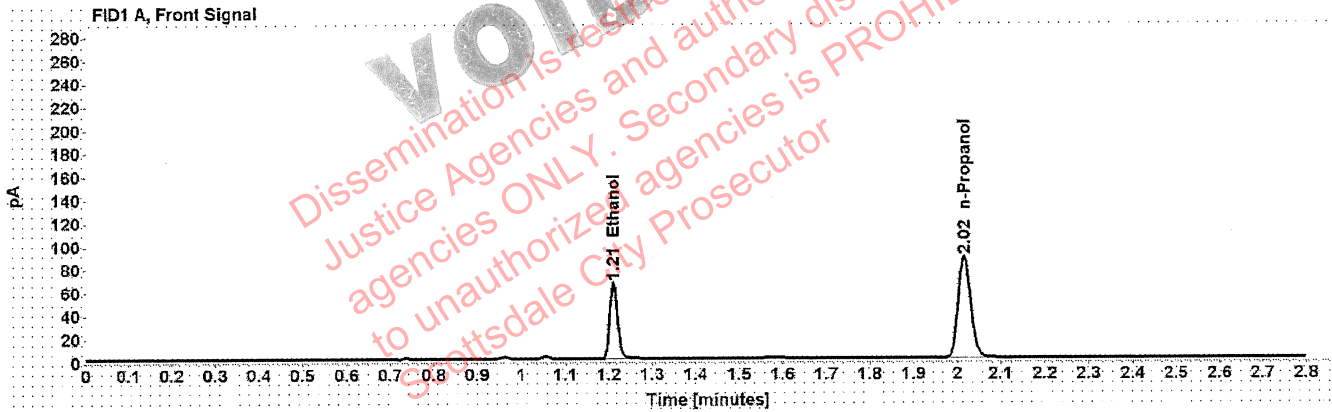


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1364	1.210	84.282
n-Propanol	-----	2.016	174.938

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

Compound	Time (min)	Peak Area
Ethanol	1.374	99.719
Acetone	1.563	4.726
n-Propanol	2.466	215.607

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1365294	Vial: 26
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 5:40:56 PM
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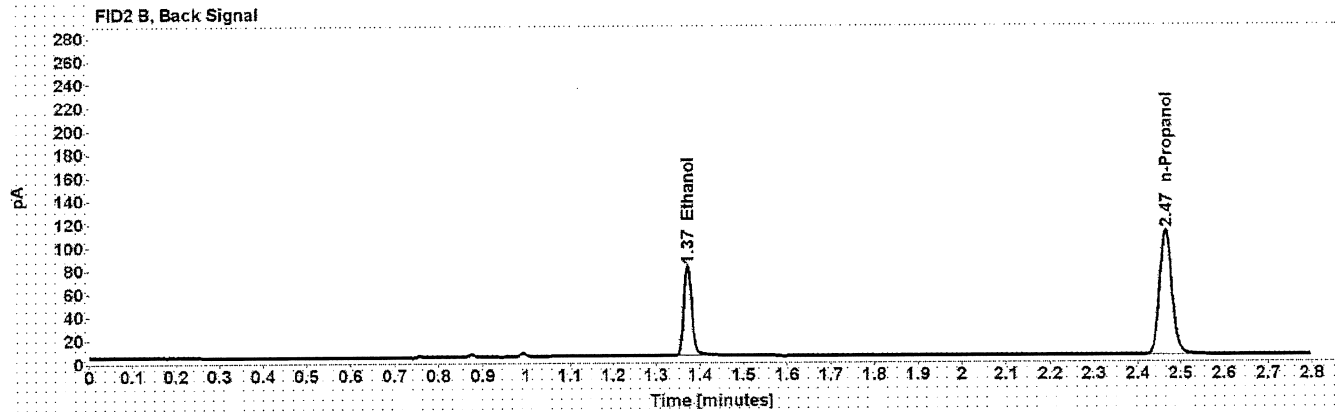
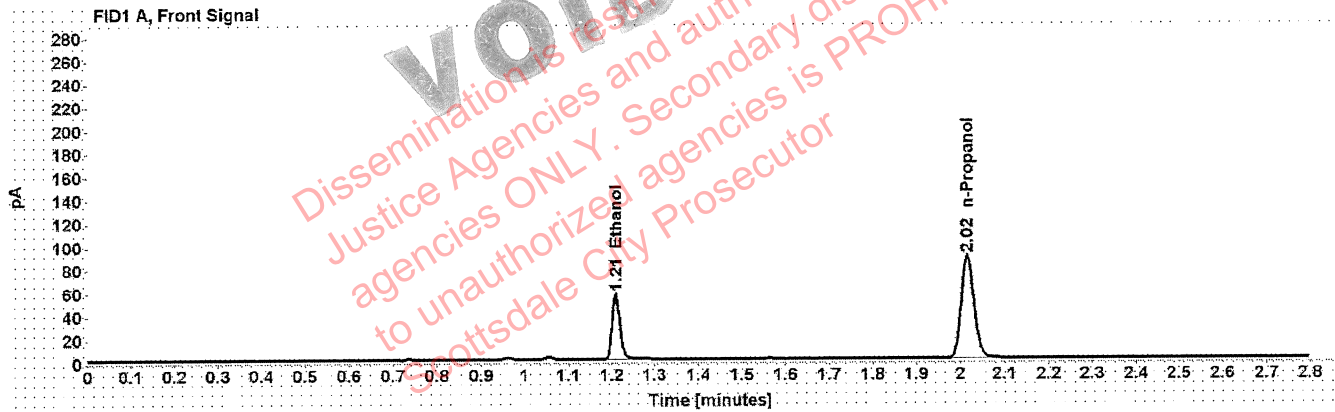


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1163	1.210	71.804
n-Propanol	-----	2.016	176.247

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

Compound	Time (min)	Peak Area
Ethanol	1.372	95.102
n-Propanol	2.465	217.117

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1366756	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Apr21
Instrument:	US14173023 CN14160045	Injection date:	4/6/2021 5:44:56 PM
Data file:	C:\Chem32\1\Data\06Apr21\27.D	Analyst:	Abbott <i>DA</i>

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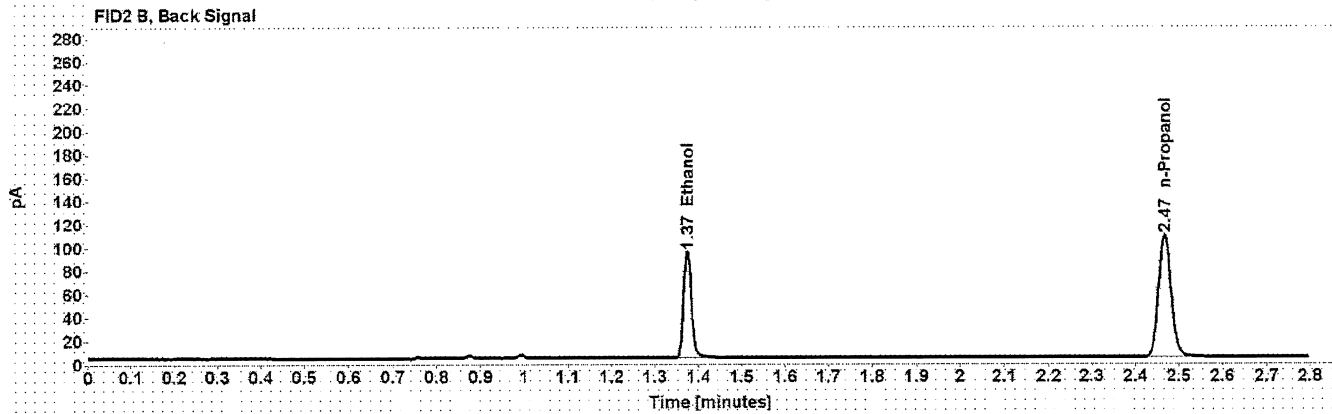
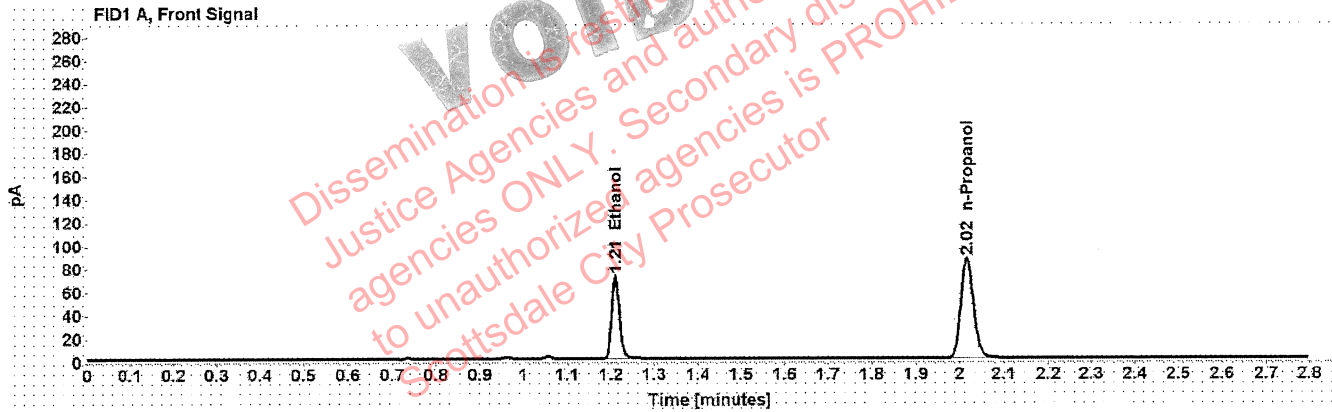


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1501	1.210	91.501
n-Propanol	-----	2.016	171.914

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

Compound	Time (min)	Peak Area
Ethanol	1.374	113.409
n-Propanol	2.467	212.081

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1366756	Vial: 28
Description: XXXXXXXXXX	LIMS ID: XXXXXXXXXX
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 5:48:54 PM
Data file: C:\Chem32\1\Data\06Apr21\28.D	Analyst: Abbott <i>JA</i>

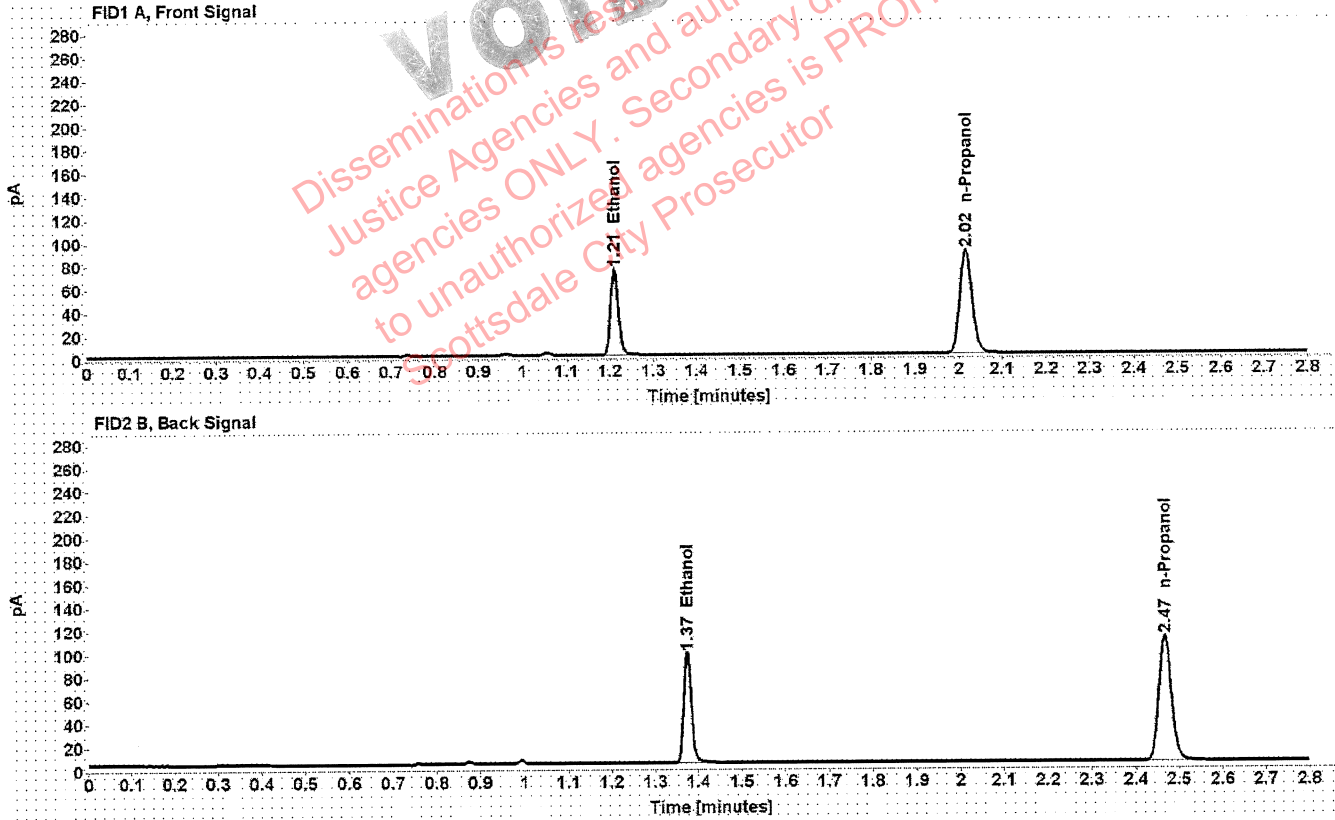


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1509	1.210	94.945
n-Propanol	-----	2.016	177.372

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

Compound	Time (min)	Peak Area
Ethanol	1.374	117.911
n-Propanol	2.467	218.932

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1366759	Vial: 29
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 5:52:55 PM
Data file: C:\Chem32\1\Data\06Apr21\29.D	Analyst: Abbott <i>JA</i>

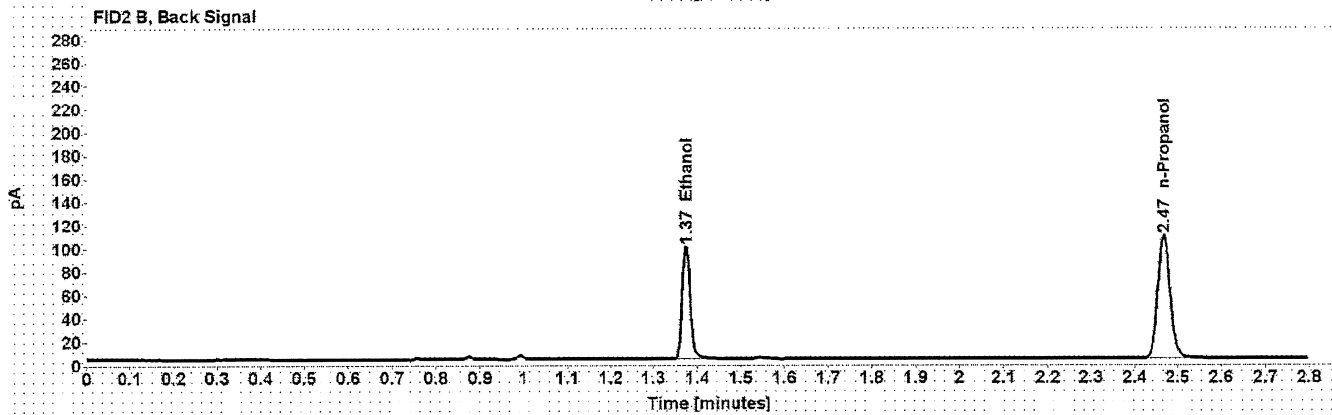
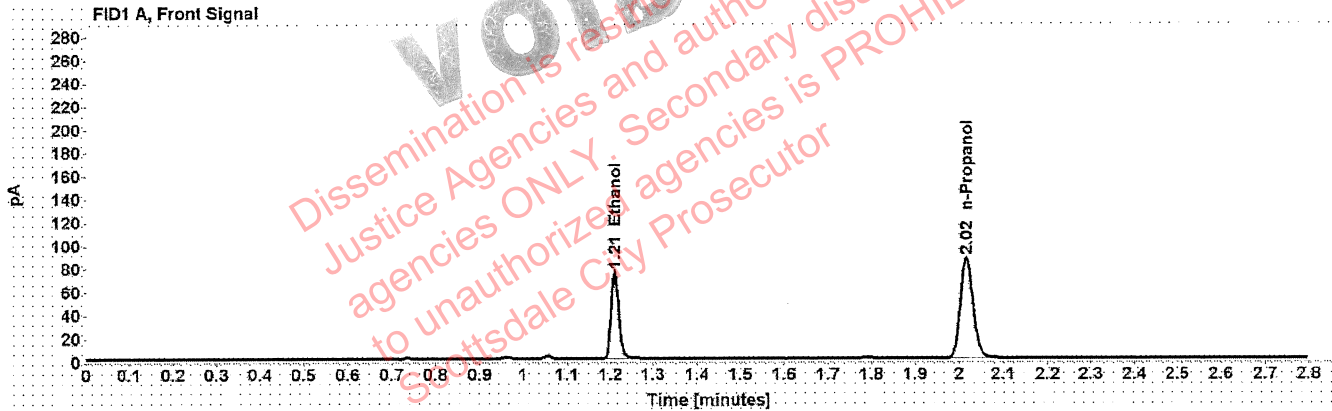


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1569	1.210	96.457
n-Propanol	-----	2.016	173.004

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

Compound	Time (min)	Peak Area
Ethanol	1.374	119.843
n-Propanol	2.467	213.095

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1366759	Vial: 30
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 5:56:54 PM
Data file: C:\Chem32\1\Data\06Apr21\30.D	Analyst: Abbott <i>JA</i>

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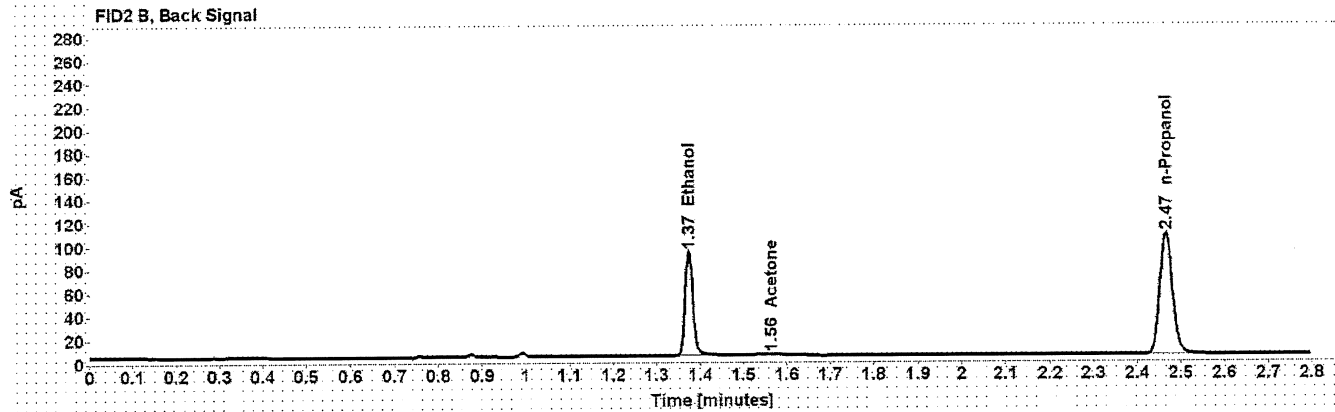
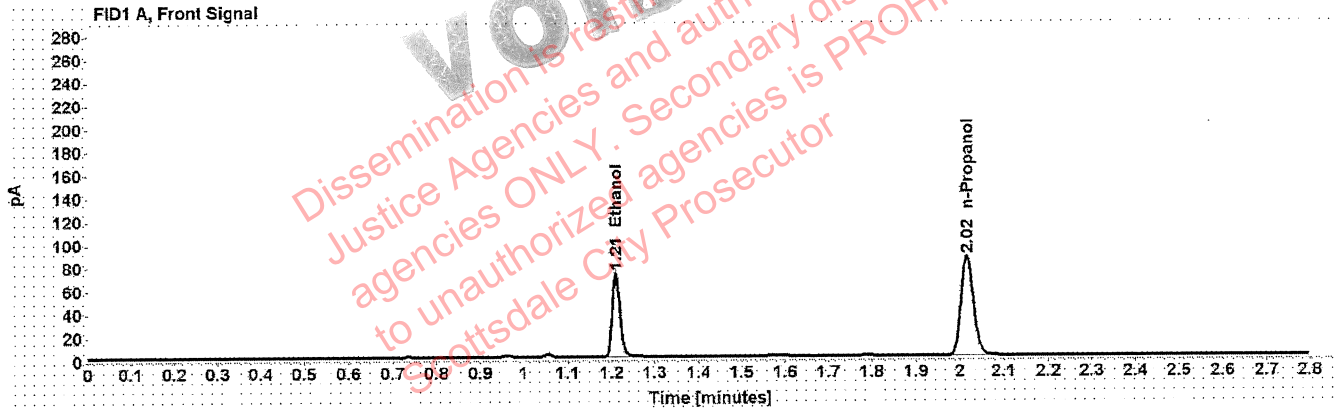


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1525	1.210	92.796
n-Propanol	-----	2.016	171.491

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

Compound	Time (min)	Peak Area
Ethanol	1.374	109.477
Acetone	1.563	5.037
n-Propanol	2.466	210.962

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1365299	Vial: 32
Description: XXXXXXXXXX	LIMS ID: XXXXXXXXXX
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 6:05:09 PM
Data file: C:\Chem32\1\Data\06Apr21\32.D	Analyst: Abbott <i>JA</i>

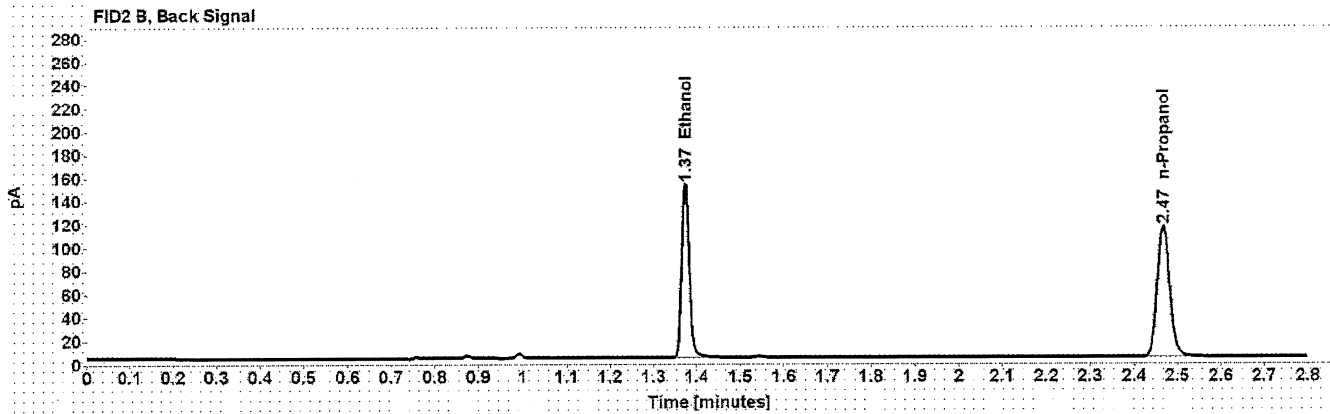
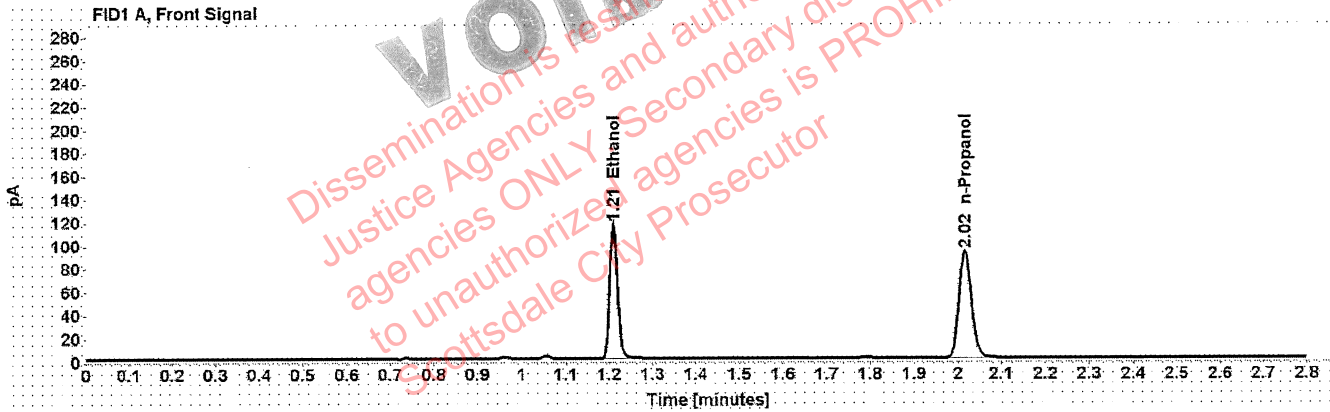


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2242	1.210	148.536
n-Propanol	-----	2.016	184.279

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

Compound	Time (min)	Peak Area
Ethanol	1.374	184.417
n-Propanol	2.467	227.449

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1365299	Vial: 33
Description: XXXXXXXXXX	LIMS ID: XXXXXXXXXX
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 6:09:10 PM
Data file: C:\Chem32\1\Data\06Apr21\33.D	Analyst: Abbott <i>JA</i>

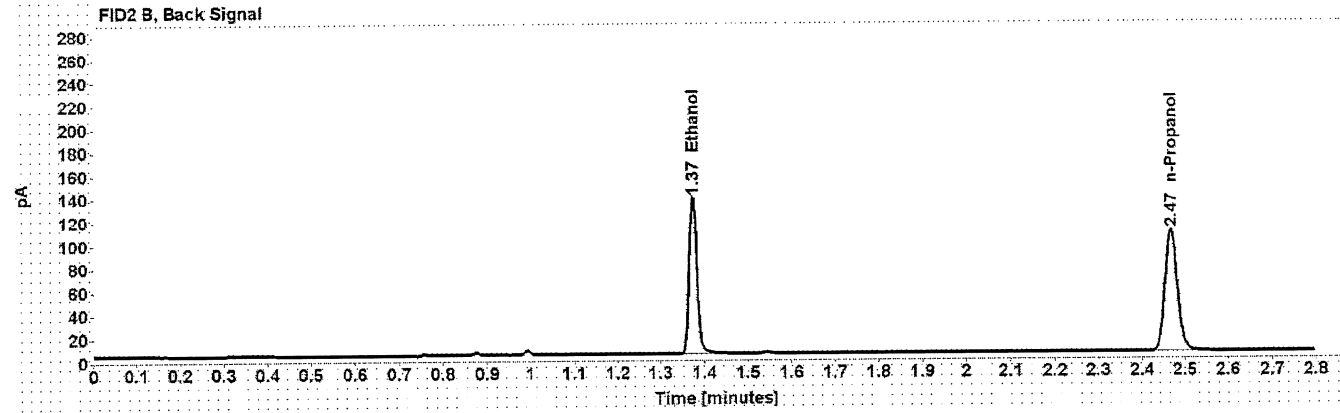
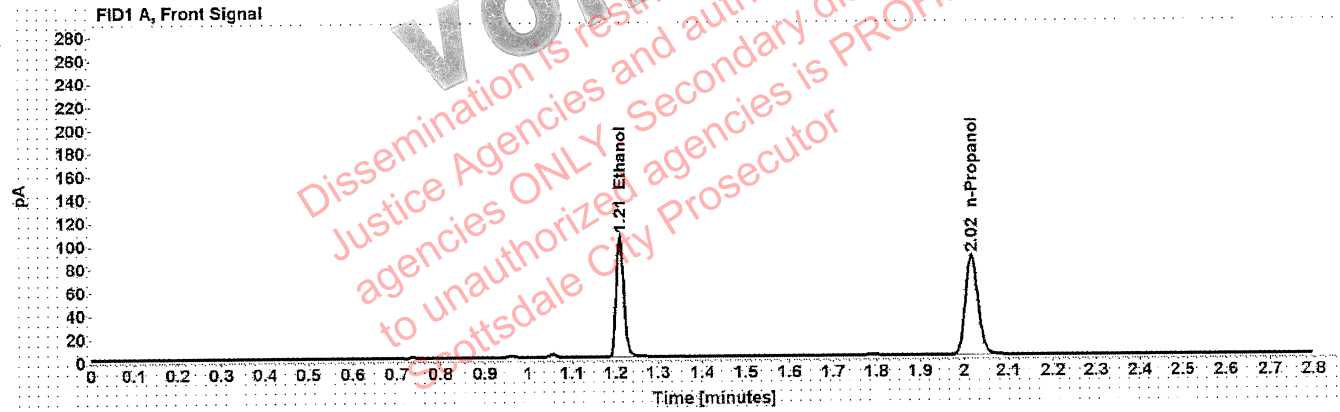


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2167	1.210	133.789
n-Propanol	-----	2.016	171.879

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

Compound	Time (min)	Peak Area
Ethanol	1.374	166.356
n-Propanol	2.467	211.881

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1366766	Vial: 34
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 6:13:10 PM
Data file: C:\Chem32\11\Data\06Apr21\34.D	Analyst: Abbott <i>JA</i>

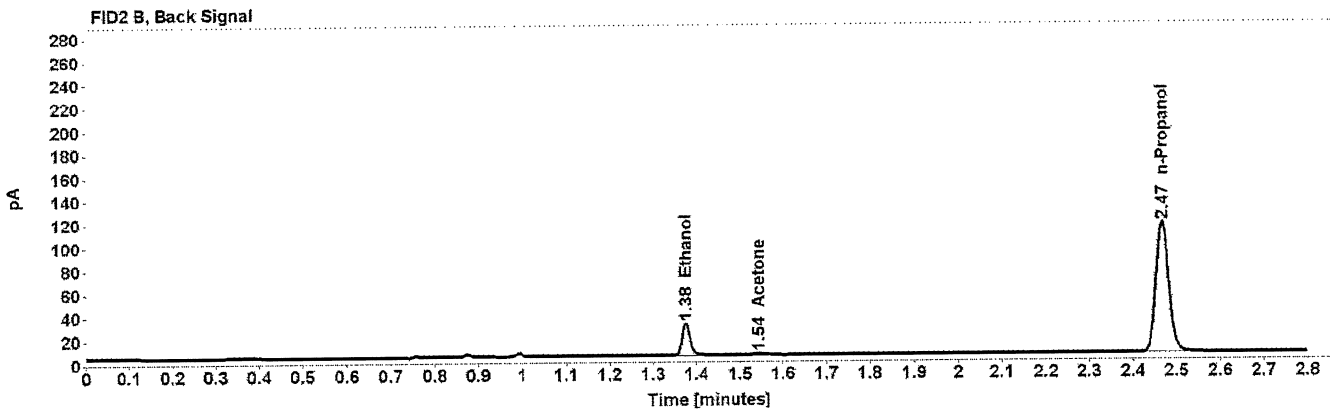
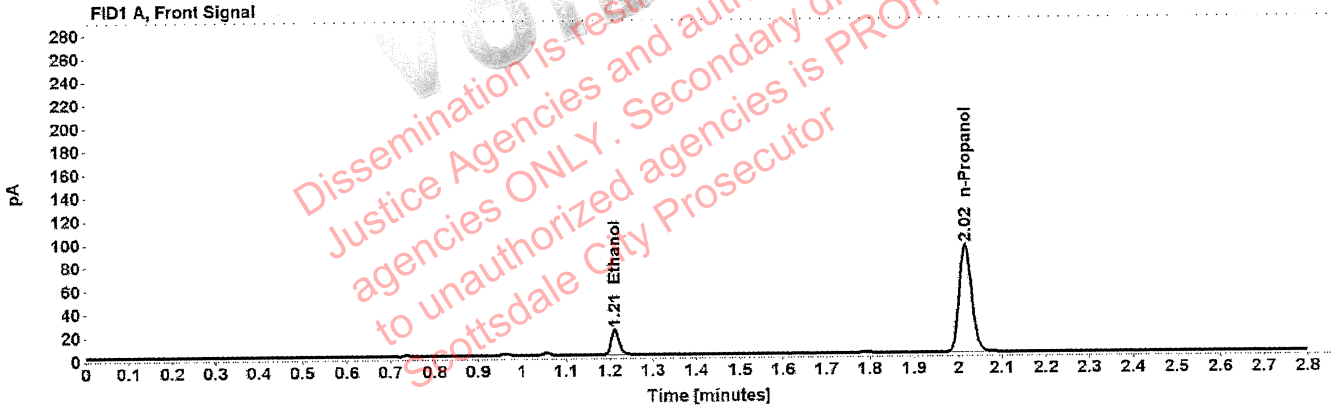


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0469	1.212	27.930
n-Propanol	-----	2.016	184.411

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

Compound	Time (min)	Peak Area
Ethanol	1.375	36.014
Acetone	1.543	5.483
n-Propanol	2.467	227.298

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1366766	Vial: 35
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 6:17:10 PM
Data file: C:\Chem32\1\Data\06Apr21\35.D	Analyst: Abbott <i>[Signature]</i>

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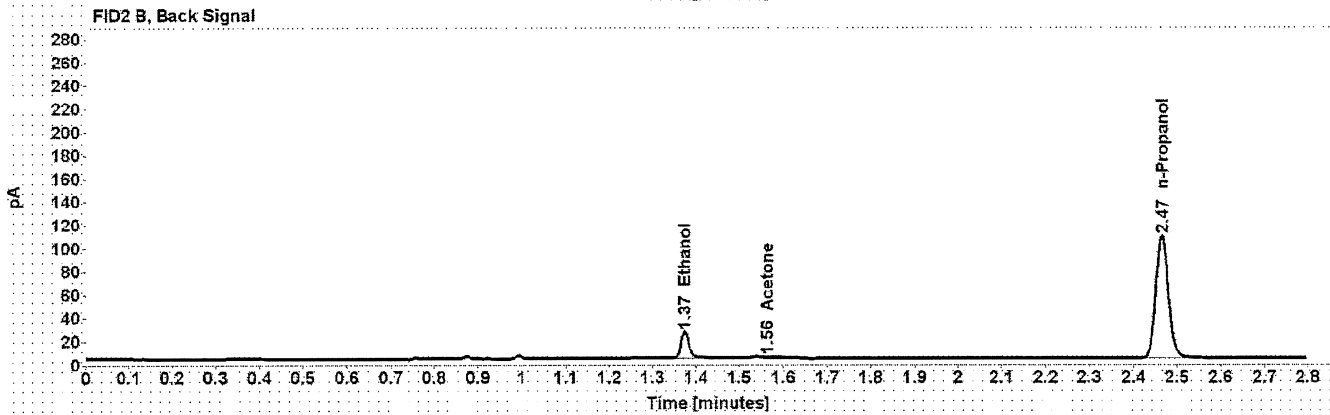
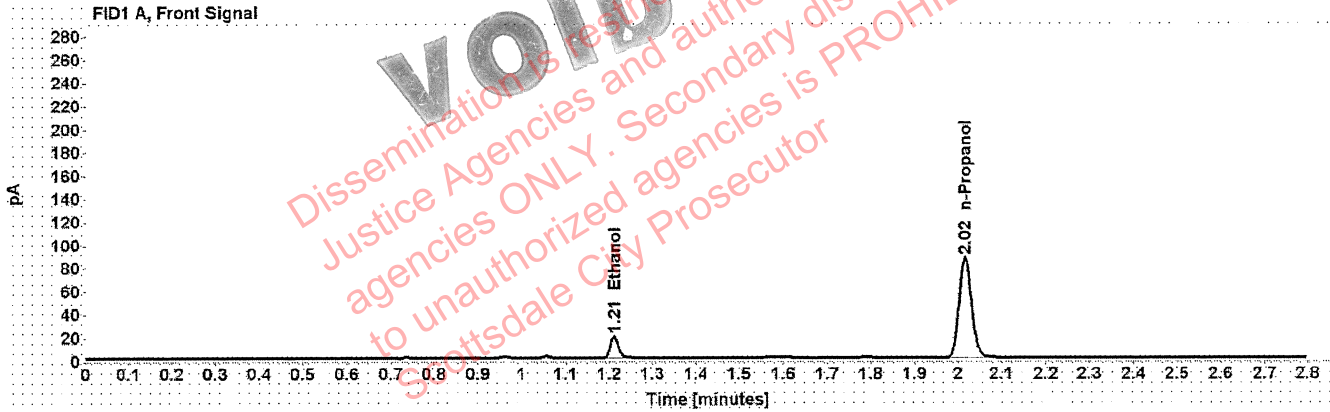


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0437	1.212	24.209
n-Propanol	-----	2.016	173.639

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.278
Acetone	1.563	7.484
n-Propanol	2.465	213.748

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1367036	Vial: 36
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 6:21:10 PM
Data file: C:\Chem32\1\Data\06Apr21\36.D	Analyst: Abbott <i>DA</i>

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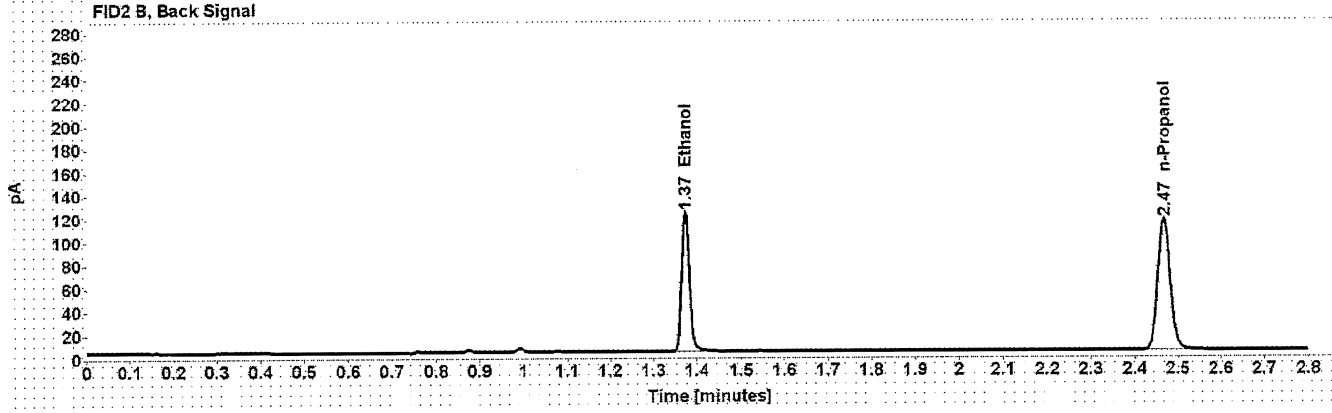
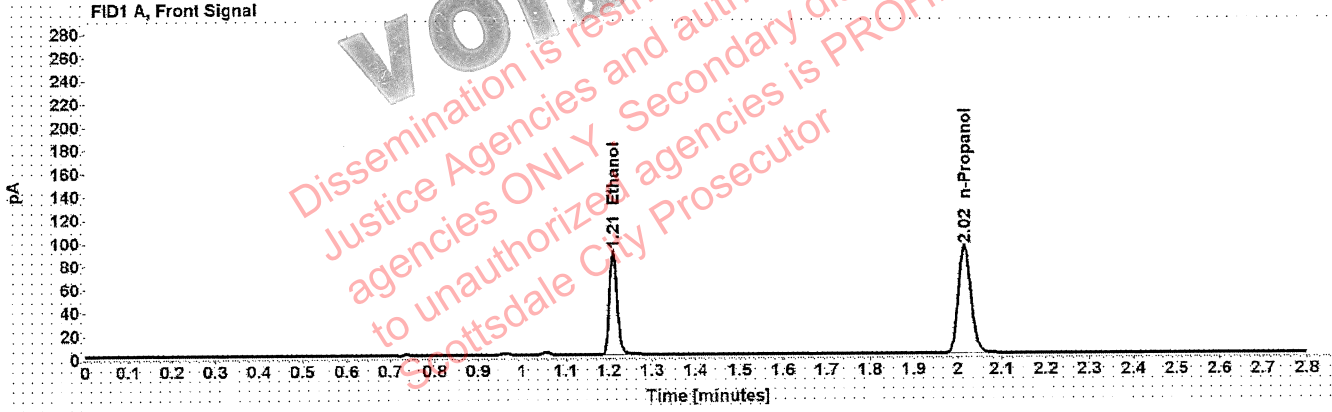


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1735	1.210	114.398
n-Propanol	-----	2.016	184.936

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

Compound	Time (min)	Peak Area
Ethanol	1.373	148.436
n-Propanol	2.467	228.207

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1367036	Vial: 37
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 6:25:24 PM
Data file: C:\Chem32\1\Data\06Apr21\37.D	Analyst: Abbott J.A.

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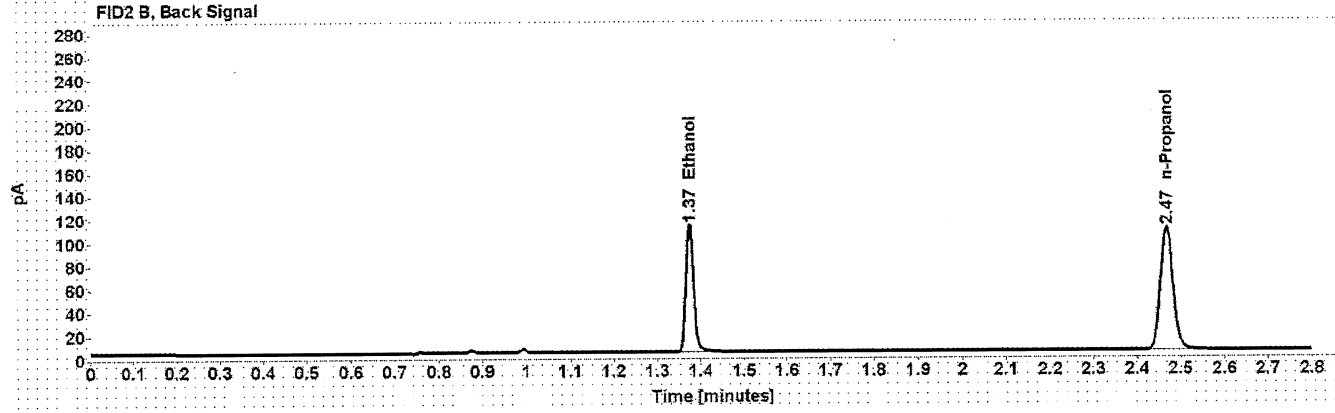
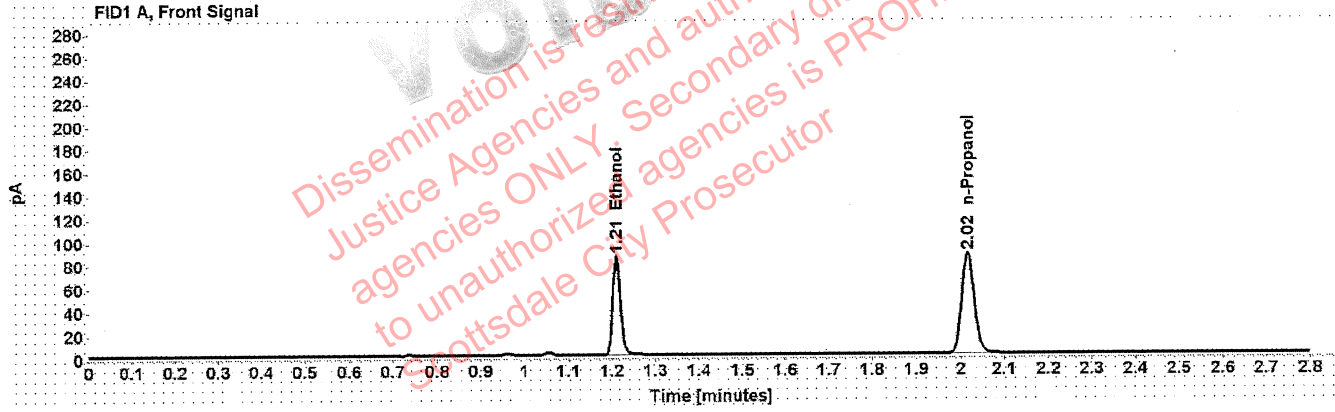


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1760	1.210	108.956
n-Propanol	-----	2.016	173.493

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

Compound	Time (min)	Peak Area
Ethanol	1.374	135.119
n-Propanol	2.467	213.748

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1366888	Vial: 38
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 6:29:25 PM
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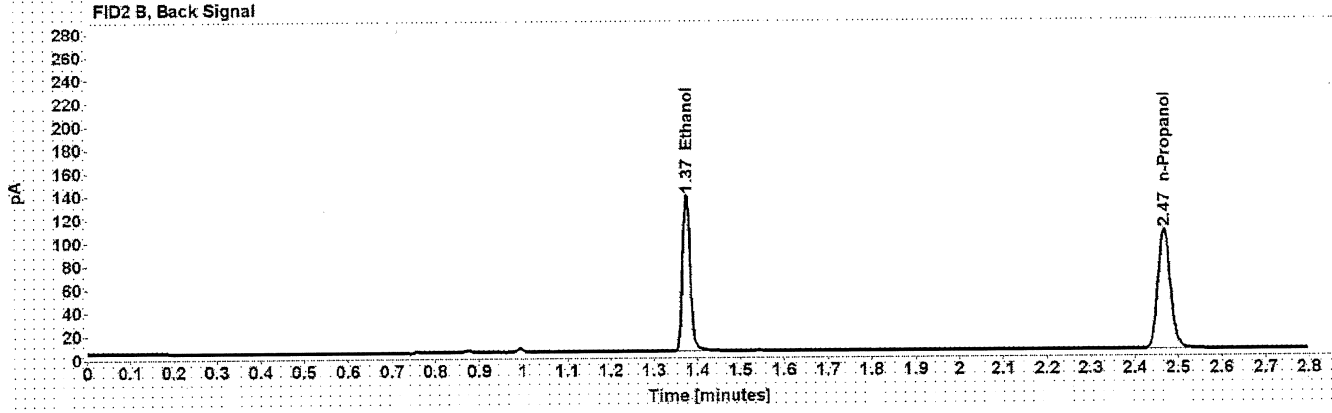
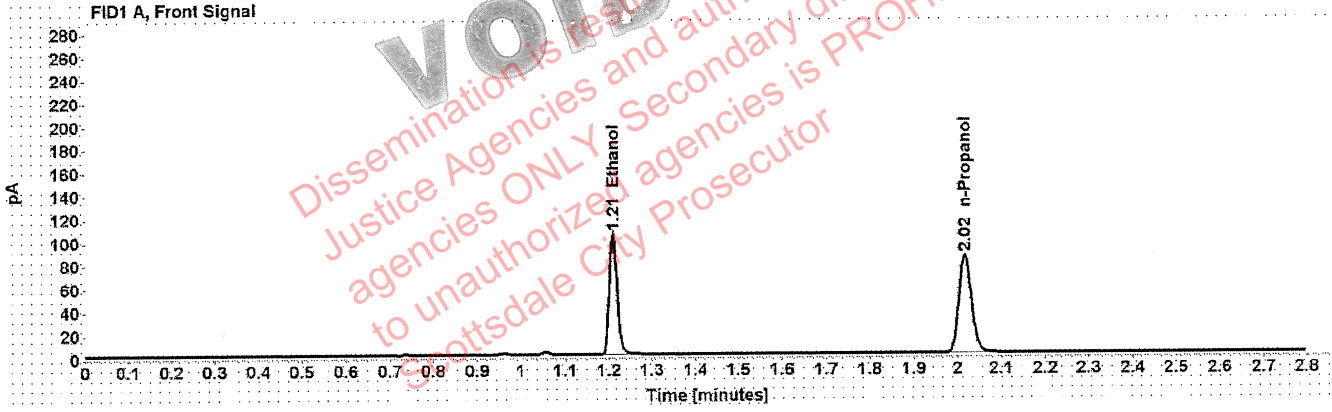


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2194	1.210	133.444
n-Propanol	-----	2.017	169.292

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

Compound	Time (min)	Peak Area
Ethanol	1.374	166.152
n-Propanol	2.467	208.439

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1366888	Vial: 39
Description: XXXXXXXXXX	LIMS ID: XXXXXXXXXX
Method: ethanol quant.M	Sequence: 06Apr21
Instrument: US14173023 CN14160045	Injection date: 4/6/2021 6:33:24 PM
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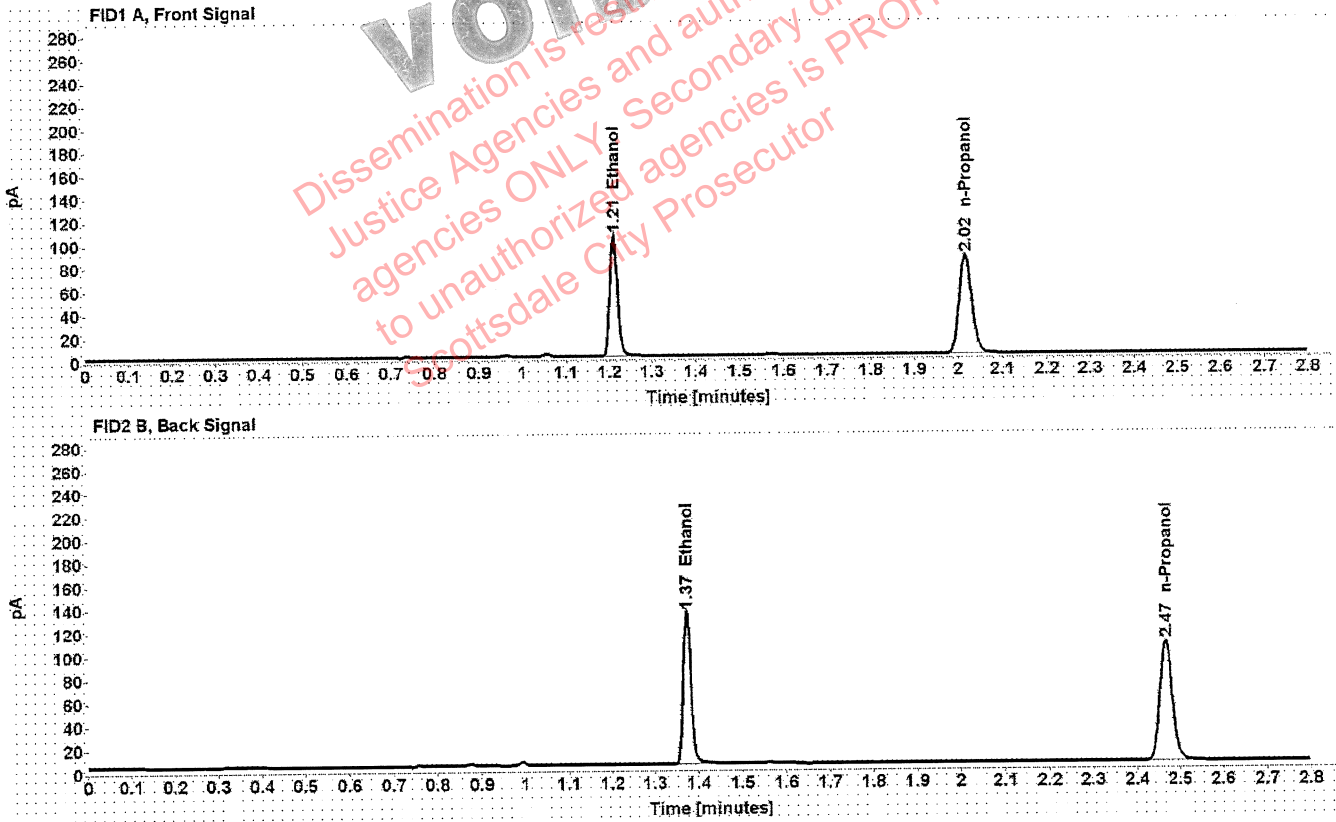


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2185	1.210	133.433
n-Propanol	-----	2.016	169.978

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

Compound	Time (min)	Peak Area
Ethanol	1.374	160.623
n-Propanol	2.467	209.195

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1366760	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Apr21
Instrument:	US14173023 CN14160045	Injection date:	4/6/2021 6:37:25 PM
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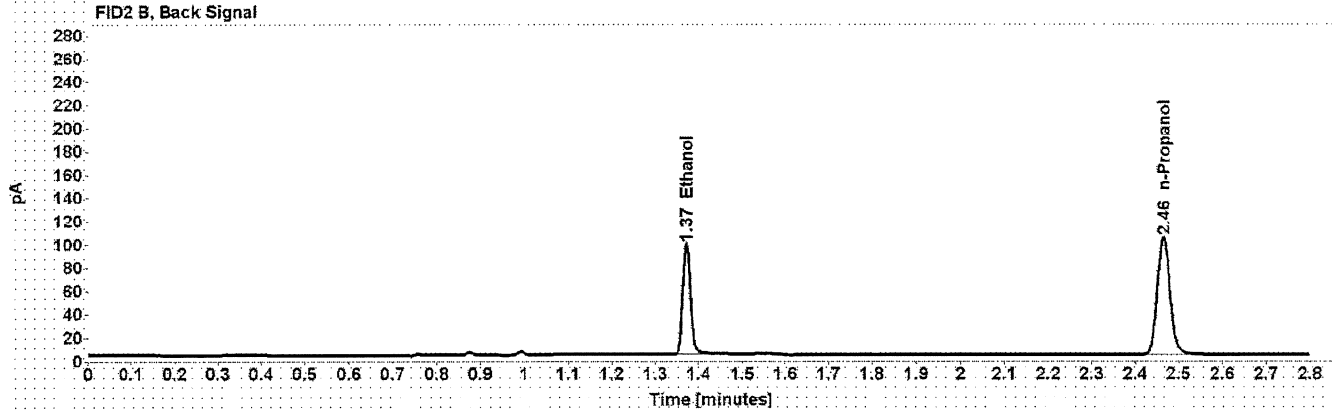
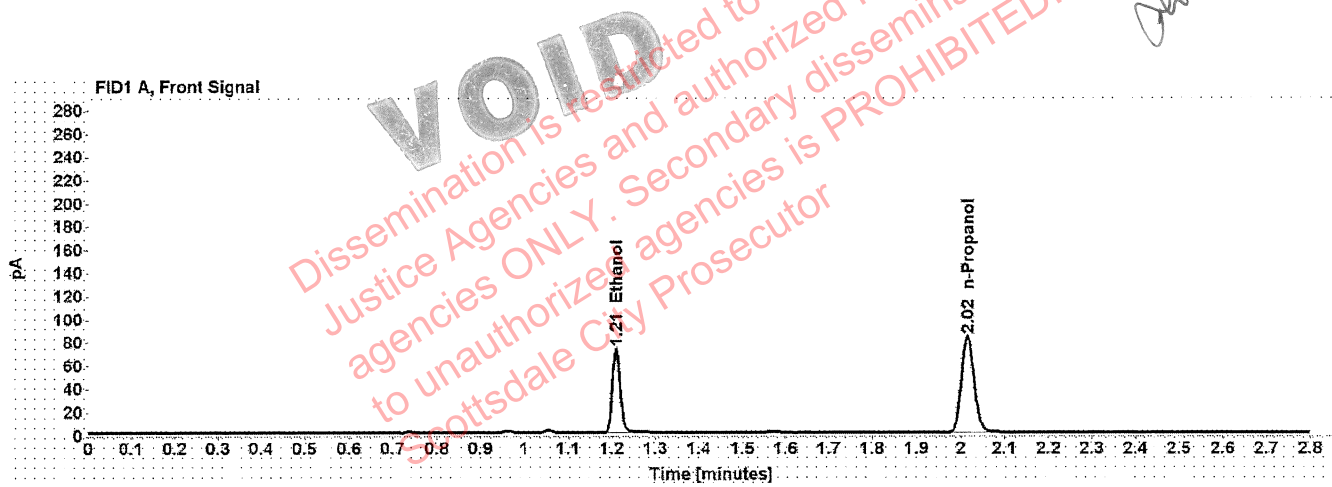


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1559	1.210	92.156
n-Propanol	-----	2.016	166.455

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

Compound	Time (min)	Peak Area
Ethanol	1.372	116.175
n-Propanol	2.465	205.144

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1366760	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Apr21
Instrument:	US14173023 CN14160045	Injection date:	4/6/2021 6:41:24 PM
Data file:	C:\Chem32\1\Data\06Apr21\41.D	Analyst:	Abbott <i>JA</i>

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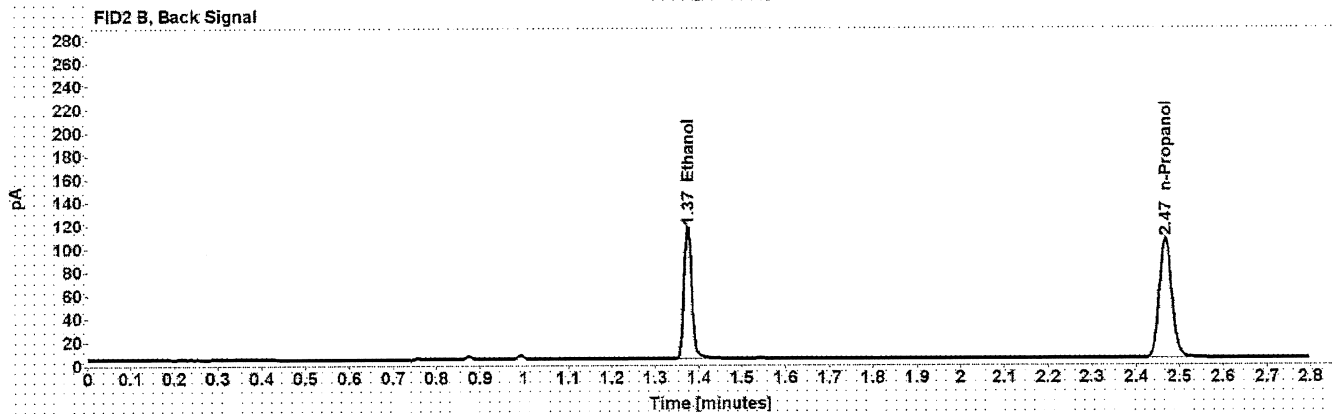
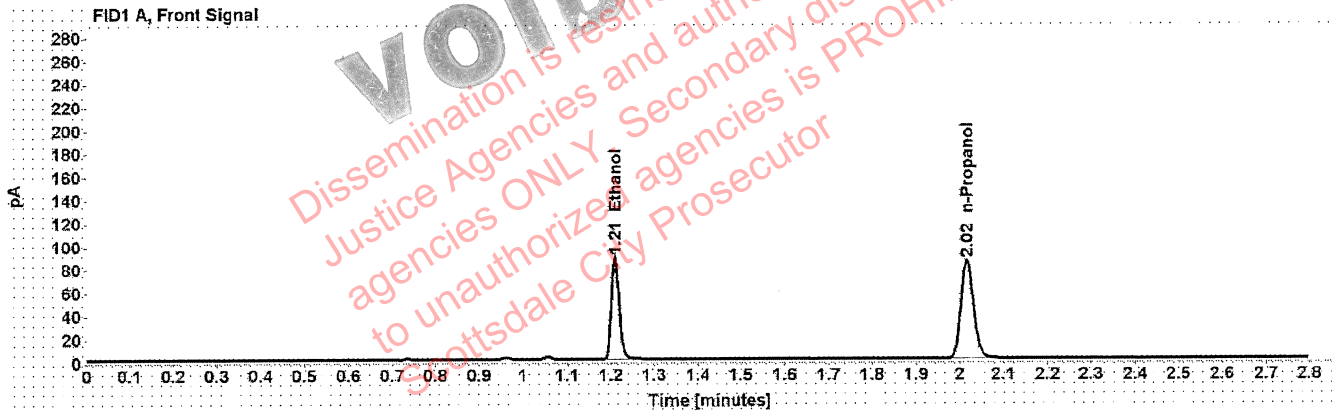


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1862	1.210	112.766
n-Propanol	-----	2.016	169.392

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

Compound	Time (min)	Peak Area
Ethanol	1.374	139.785
n-Propanol	2.467	208.976