

Houston Forensic Science Center  
Comparative and Analytical Division - Toxicology

Headspace GC Maintenance Log

Instrument: Headspace 2

Date	N <sub>2</sub> Tank Pressure	H <sub>2</sub> Tank Pressure	Air Tank Pressure	He Tank Pressure	Air Control	SS	Comments	Signature
					Pass/Fail	Pass/Fail		
08/20/18	70 1700	70 600	70 1100	70 1700	<del>Pass/Fail</del>	<del>Pass/Fail</del>	Installed RTX-BAC Plus 2 column (SN1394553). Bake at 60°C overnight.	eur
8/27/18	70 1600	70 550	70 1000	70 1600	Pass	Pass	verification run see comment on SS chromatogram, 08/23/18	Ray

Form Complete Date/Signature: Bruce Mendenhall 8/27/18

BAM  
8/27/18

-----  
SEQUENCE PARAMETERS  
-----

Sequence : C:\CHEM32\1\SEQUENCE\2018\08\_AUGUST\ALC\_20180822\_TEST.S  
Operator : Ashley Ann Johnson, M.S.  
Data File Naming : Auto  
Data Directory : C:\Chem32\1\Data\  
Data Subdirectory : ALC\_20180822\_TEST  
Barcode Reader : not used  
Shutdown Cmd/Macro : macro "shutdowncm.mac",go  
Sequence Comment : I.S. Lot: 180801-IS Pipette: Hamilton 7903  
Part of Methods to run: According to Runtime Checklist  
Update Master Method (Data Analysis parameters): No

SEQUENCE TABLE:  
=====

Line : 1F  
Location : 1  
Sample Information :  
Sample Name : Air Control  
Method Name : VOLATILES  
Sample Type : Sample  
-----

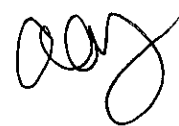
=====

Line : 2F  
Location : 2  
Sample Information :  
Sample Name : Air Control  
Method Name : VOLATILES  
Sample Type : Sample  
-----

=====

Line : 3F  
Location : 3  
Sample Information : Lot: FN03251502  
Sample Name : SS  
Method Name : VOLATILES  
Sample Type : Sample  
-----

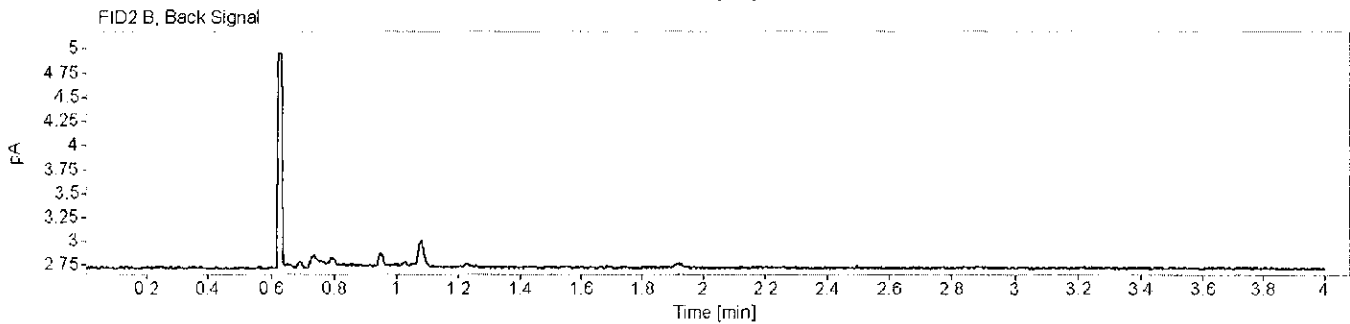
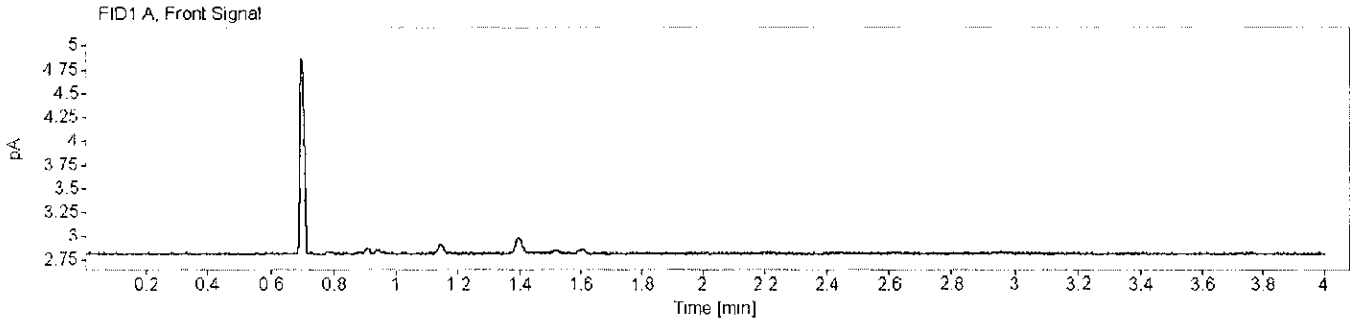
=====



**Houston Forensic Science Center, Inc.**  
**Forensic Analysis Division**  
**Toxicology - Volatile Analysis Chromatograms**



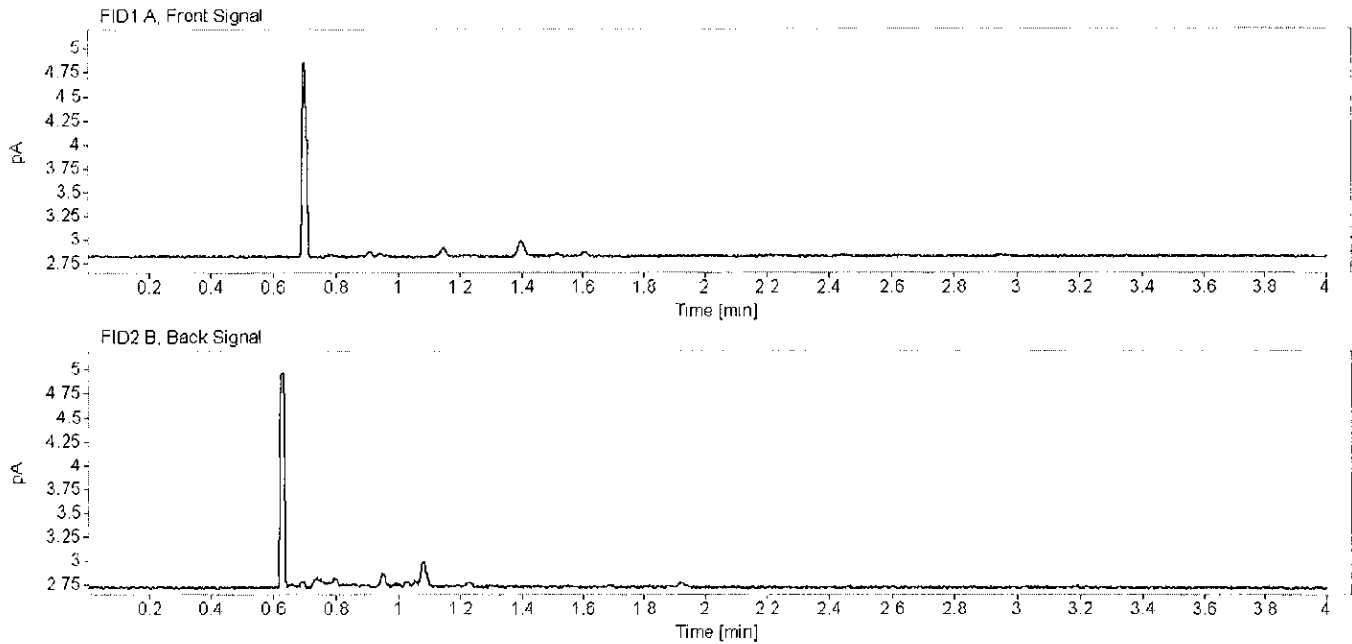
Sample name: Air Control Description: Vial Number: 1  
Instrument: Headspace 2 Acq. method: VOLATILES.M Injection date: 8/22/2018 11:08:00 AM  
Data file: C:\Chem32\1\Data\ALC\_20180822\_TEST\ALC\_20180822\_TEST 2018-08-22 10-58-57\001F0101.D



**Houston Forensic Science Center, Inc.**  
**Forensic Analysis Division**  
**Toxicology - Volatile Analysis Chromatograms**



Sample name: Air Control Description: Vial Number: 2  
Instrument: Headspace 2 Acq. method: VOLATILES.M Injection date: 8/22/2018 11:12:29 AM  
Data file: C:\Chem32\1\Data\ALC\_20180822\_TEST\ALC\_20180822\_TEST 2018-08-22 10-58-57\002F0201.D

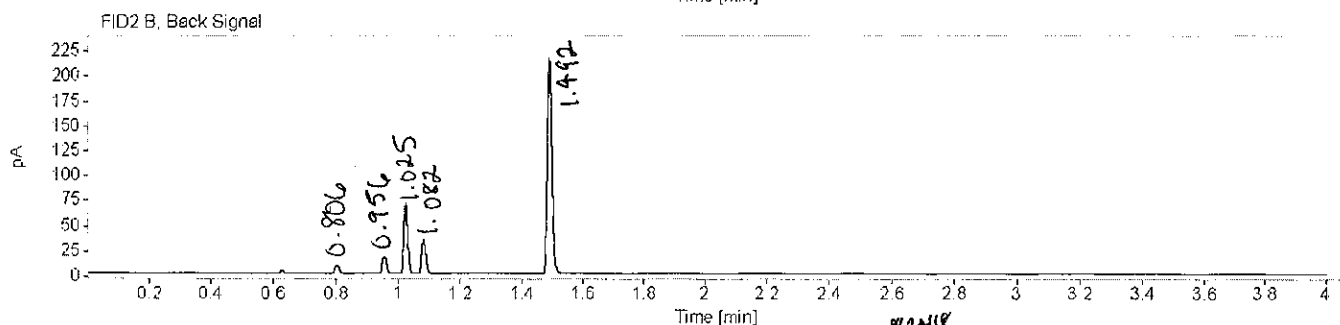
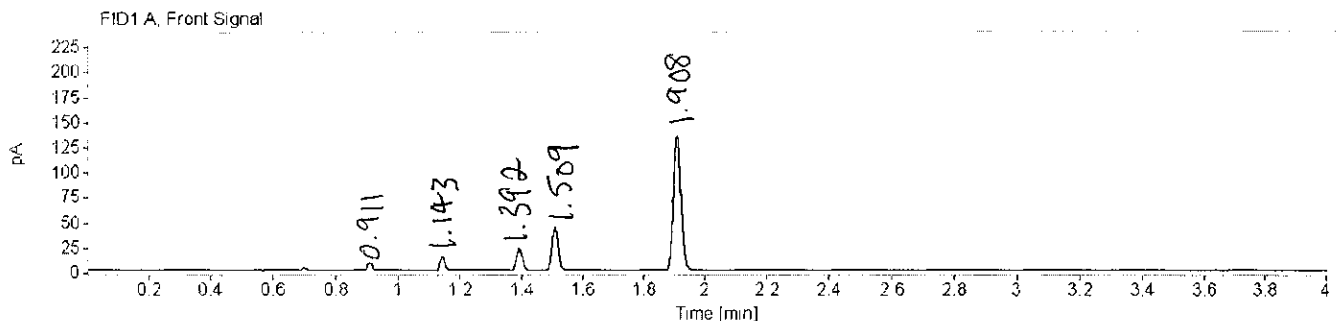


A handwritten signature in black ink, appearing to read "Ray".

Houston Forensic Science Center, Inc.  
Forensic Analysis Division  
Toxicology - Volatile Analysis Chromatograms



Sample name: SS Description: Lot: FN03251502 Vial Number: 3  
Instrument: Headspace 2 Acq. method: VOLATILES.M Injection date: 8/22/2018 11:18:23 AM  
Data file: C:\Chem32\1\Data\ALC\_20180822\_TEST\ALC\_20180822\_TEST 2018-08-22 10-58-57\003F0301.D



Peaks were not identified on FID1A <sup>08/22/2018</sup> due or FID2B due to changes in the retention times following both columns being changed. The front column retention times were evaluated in ALC-20180816-AA52. Retention times for the back column will be evaluated and updated in the second verification run. All retention times will be updated in the master method following completion of the verification.   
08/22/18