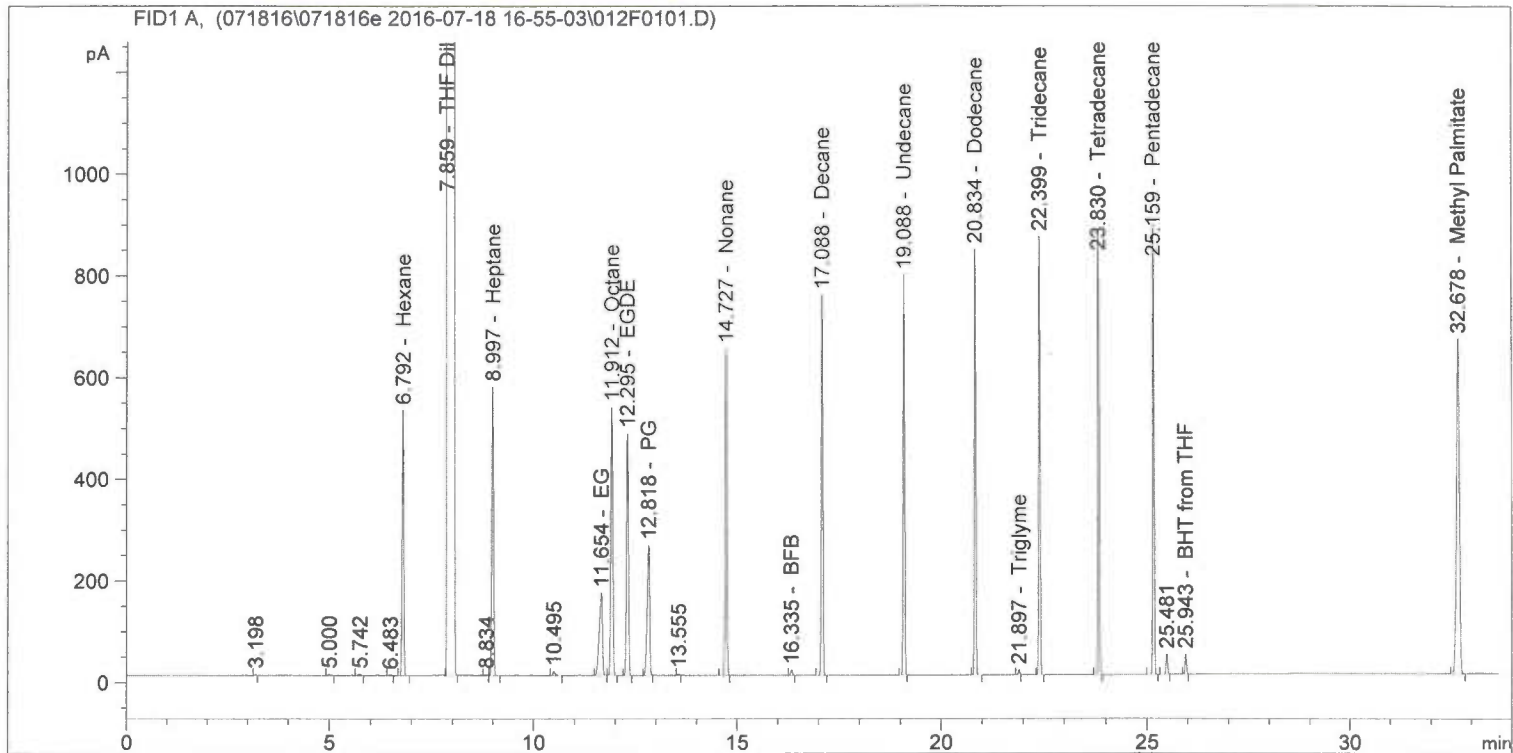


Sample Name: IOM Mix

```
=====
Acq. Operator   : SYSTEM                      Seq. Line :    1
Acq. Instrument : GC-2                        Location  :   12 (F)
Injection Date  : 7/18/2016 4:57:06 PM      Inj       :    1
                                           Inj Volume: 1 µl
Acq. Method     : C:\Chem32\2\Data\071816\071816e 2016-07-18 16-55-03\SCAQMD M311.M
Last changed    : 7/18/2016 4:55:03 PM by SYSTEM
Analysis Method : C:\CHEM32\2\METHODS\SCAQMD M311.M
Last changed    : 7/18/2016 4:52:09 PM by SYSTEM
Method Info     : VOC Method SCAQMD M311, Dave Nevison 7-15-16
=====
```



Area Percent Report

```
Sorted By           : Signal
Calib. Data Modified : 7/18/2016 4:51:43 PM
Multiplier          : 1.0000
Dilution            : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Area %	Name
1	6.792	BB	0.0441	1474.98694	0.41588	Hexane
2	7.859	BB S	0.0716	3.28336e5	92.57504	THF Dil
3	8.997	VB	0.0466	1684.06335	0.47483	Heptane
4	11.654	BB	0.0771	878.92798	0.24782	EG
5	11.912	BB	0.0538	1820.87500	0.51340	Octane
6	12.295	BB +	0.0518	1593.53760	0.44930	EGDE
7	12.818	BB	0.0637	1098.27808	0.30966	PG

Sample Name: IOM Mix

Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Area %	Name
8	14.727	BB	0.0466	1905.98560	0.53740	Nonane
9	16.335	BB	0.0480	29.99862	0.00846	BFB
10	17.088	BB	0.0412	1976.06567	0.55716	Decane
11	19.088	BB	0.0401	2000.39380	0.56402	Undecane
12	20.834	BB	0.0390	2053.27612	0.57893	Dodecane
13	21.897	BB	0.0369	23.24837	0.00655	Triglyme
14	22.399	BB	0.0373	2051.93384	0.57855	Tridecane
15	23.830	BB	0.0377	2099.65576	0.59200	Tetradecane
16	25.159	BB	0.0361	2070.39990	0.58375	Pentadecane
17	25.943	BB	0.0404	100.47309	0.02833	BHT from THF
18	32.678	BB	0.0752	3295.09229	0.92906	Methyl Palmitate

Totals : 3.54493e5 99.9501

=====
Retention Time Adjustments for Peak Identification
=====

Reference Peak: EGDE

Expected Time : 12.299 min

Measured Time : 12.295 min

Deviation : -0.033 % (used to adjust time windows of other peaks)

=====
*** End of Report ***

method: C:\CHEM32\2\METHODS\SCAQMD M311.M
Modified on: 7/18/2016 at 4:52:09 PM

Method Information

Method: C:\CHEM32\2\METHODS\SCAQMD M311.M
Modified: 7/18/2016 at 4:52:09 PM

VOC Method SCAQMD M311, Dave Nevison 7-15-16

Method Audit Trail

Operator : SYSTEM
Date : 7/18/2016 4:52:02 PM
Change Info: This method was created at 7/18/2016 4:52:02 PM and based on
method C:\CHEM32\2\METHODS\SCAQMD M311.M, the original method was
overwritten.

Operator : SYSTEM
Date : 7/18/2016 4:52:09 PM
Change Info: Method saved. User comment: "New Calib Table"

Run Time Checklist

Pre-Run Cmd/Macro: off
Data Acquisition: on
Standard Data Analysis: on
Customized Data Analysis: off
Save GLP Data: off
Post-Run Cmd/Macro: off
Save Method with Data: off

Injection Source and Location

Injection Source: GC Injector
Injection Location: Front

=====

6890 GC METHOD

=====

OVEN

Equilibration time: 1.00 min
Maximum temp: 280 C
Initial temp: 40 C (On)
Initial time: 2.00 min
Ramps:
Rate Final temp Final time
1 10.00 100 3.00
2 10.00 250 8.00
3 0 (Off)
Post temp: 50 C
Post time: 0.00 min
Run time: 34.00 min

FRONT INLET (SPLIT/SPLITLESS)

Mode: Split
Initial temp: 250 C (On)
Pressure: 5.3 psi (On)
Split ratio: 25:1
Split flow: 25.0 mL/min
Total flow: 29.1 mL/min
Gas saver: On
Saver flow: 20.0 mL/min
Saver time: 2.00 min
Gas type: Helium

BACK INLET (PURGED PACKED)

Initial temp: 50 C (Off)
Flow: 0.7 mL/min (Off)
Gas type: Helium

COLUMN 1

Capillary Column
Manufacturer: Agilent
Model Number: Restek 13870
Description: Restek Rxi-624SIL MS Fo
Max temperature: 320 C
Nominal length: 30.0 m
Nominal diameter: 320.00 um
Nominal film thickness: 1.80 um
Mode: constant flow
Initial flow: 1.0 mL/min
Nominal init pressure: 5.3 psi
Average velocity: 19 cm/sec
Inlet: Front Inlet
Outlet: Front Detector
Outlet pressure: ambient

COLUMN 2

(not installed)

FRONT DETECTOR (FID)

Temperature: 250 C (On)
Hydrogen flow: 40.0 mL/min (On)
Air flow: 450.0 mL/min (On)

method: C:\CHEM32\2\METHODS\SCAQMD M311.M

Modified on: 7/18/2016 at 4:52:09 PM

Mode: Constant makeup flow
Makeup flow: 25.0 mL/min (On)
Makeup Gas Type: Helium
Flame: On
Electrometer: On
Lit offset: 2.0

BACK DETECTOR (FID)

Temperature: 270 C (Off)
Hydrogen flow: 40.0 mL/min (Off)
Air flow: 450.0 mL/min (Off)
Mode: Constant makeup flow
Makeup flow: 25.0 mL/min (Off)
Makeup Gas Type: Helium
Flame: Off
Electrometer: Off
Lit offset: 2.0

SIGNAL 1

Data rate: 50 Hz
Type: front detector
Save Data: On

SIGNAL 2

Save Data: Off

POST RUN

Post Time: 0.00 min

INJECTOR 1

Sample pre-washes: 3
Sample pumps: 3
Sample Volume (uL): 1.000
Syringe size (uL): 10.0
Pre washes from bottle A: 4
Pre washes from bottle B: 0
Post washes from bottle A: 4
Post washes from bottle B: 0
Viscosity delay (seconds): 2
Pre injection dwell (min): 0.00
Post injection dwell (min): 0.00
Sample skim depth (mm): 0.0 (Off)
Plunger Speed: Fast
Solvent saver: Off
Solvent Wash Mode: A, B
Waste Bottle Use: A Only

ALS ERRORS:

On missing vial: pause

TIME TABLE

Time(min)	Parameter & Setpoint
-----------	----------------------