

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070219\
 Data File : FG005349.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2019 04:27
 Operator : DD\AJ
 Sample : K3532-05MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 TRIANGLE-AREA-SOIL-AMS

Manual Integrations
 APPROVED

Ankita
 7/3/2019 1:56:19 PM

Integration File: autoint1.e
 Quant Time: Jul 03 12:45:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060719.M
 Quant Title :
 QLast Update : Mon Jun 10 08:32:25 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	14.795	3064717	23.253 ug/mlm
Target Compounds			
1) N-OCTANE	2.344	1781990	12.683 ug/ml
2) N-DECANE	4.471	3152713	21.780 ug/ml
3) N-DODECANE	6.504	3477227	23.400 ug/ml
4) N-TETRADECANE	8.309	3665120	24.445 ug/ml
5) N-HEXADECANE	9.917	3028590	19.909 ug/mlm
6) N-OCTADECANE	11.369	3722224	24.624 ug/mlm
7) N-EICOSANE	12.674	8064877	52.928 ug/mlm
8) N-DOCOSANE	13.884	1317474	8.748 ug/mlm
10) N-TETRACOSANE	14.996	47375089	318.385 ug/ml
11) N-HEXACOSANE	16.018	6651807	45.667 ug/ml
12) N-OCTACOSANE	16.971	2424102	17.042 ug/ml
13) N-TRIACONTANE	17.861	5334257	38.112 ug/mlm
14) N-DOTRIACONTANE	18.695	5074842	37.726 ug/mlm
15) N-TETRATRIACONTANE	19.484	2828569	22.064 ug/ml
16) N-HEXATRIACONTANE	20.226	2510192	21.072 ug/mlm
17) N-OCTATRIACONTANE	20.998	2193654	20.689 ug/mlm
18) N-TETRACONTANE	21.967	2569513	24.594 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070219\
Data File : FG005349.D
Signal(s) : FID1A.ch
Acq On : 03 Jul 2019 04:27
Operator : DD\AJ
Sample : K3532-05MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

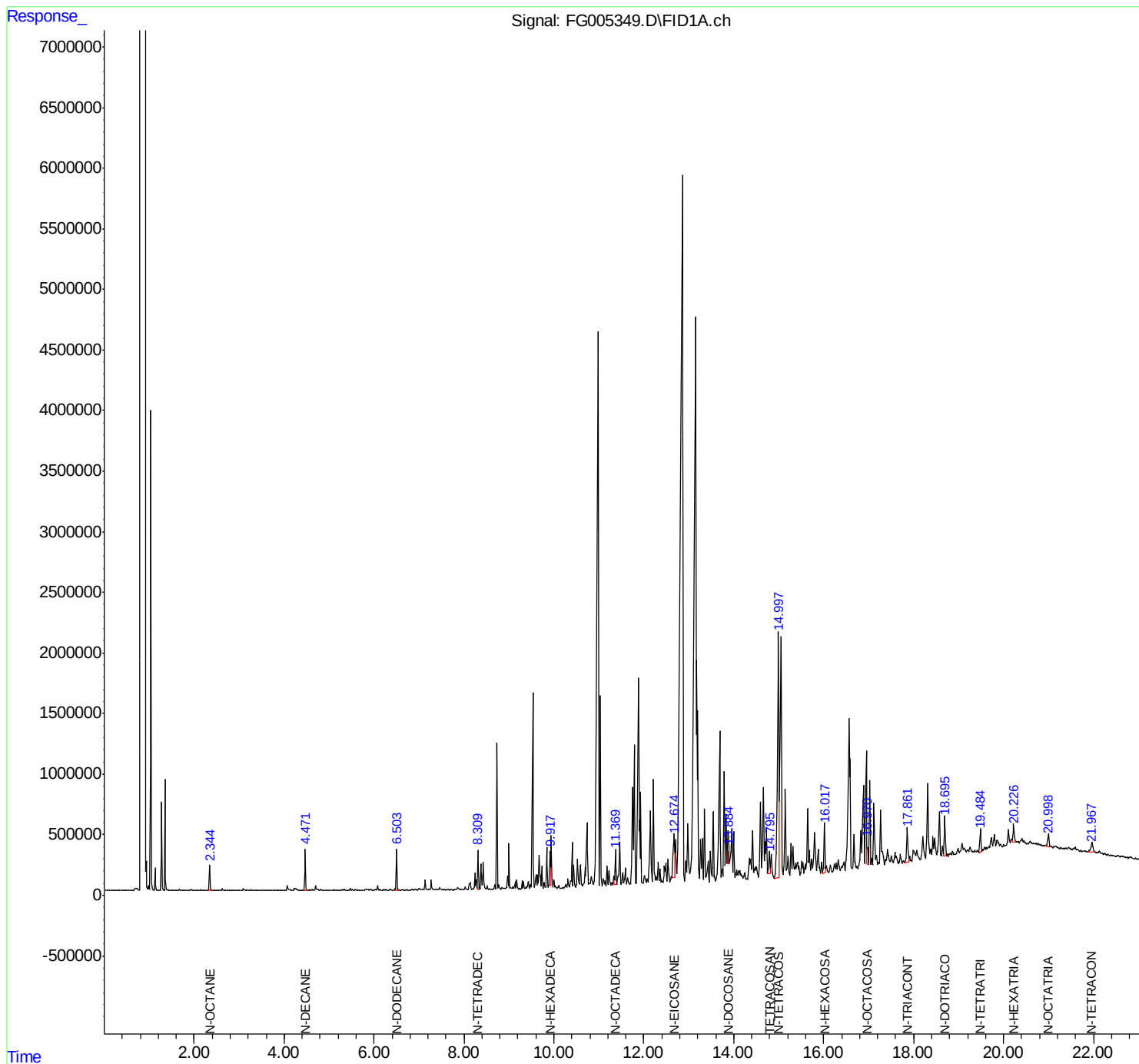
Instrument :
FID_G
ClientSampleId :
TRIANGLE-AREA-SOIL-AMS

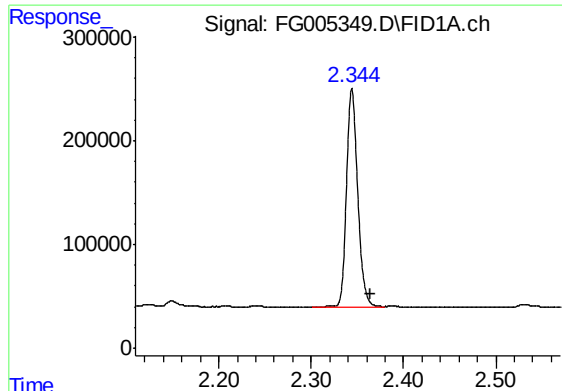
Manual Integrations
APPROVED

Ankita
7/3/2019 1:56:19 PM

Integration File: autoint1.e
Quant Time: Jul 03 12:45:15 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060719.M
Quant Title :
QLast Update : Mon Jun 10 08:32:25 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





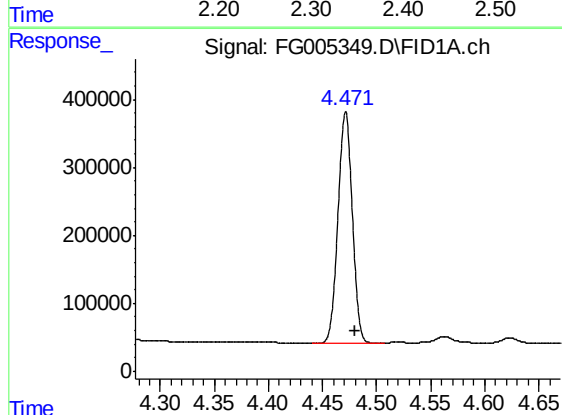
#1 N-OCTANE

R.T.: 2.344 min
Delta R.T.: -0.020 min
Response: 1781990
Conc: 12.68 ug/ml

Instrument :
FID_G
ClientSampleId :
TRIANGLE-AREA-SOIL-AMS

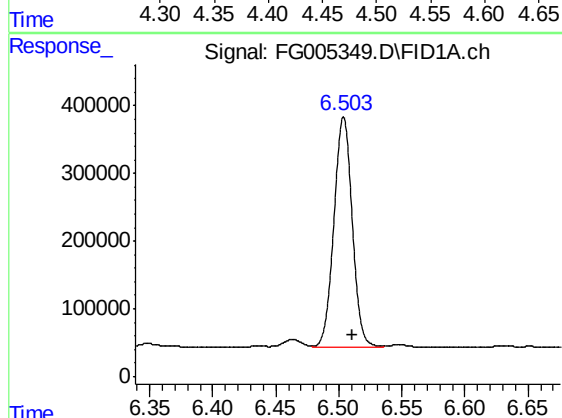
Manual Integrations
APPROVED

Ankita
7/3/2019 1:56:19 PM



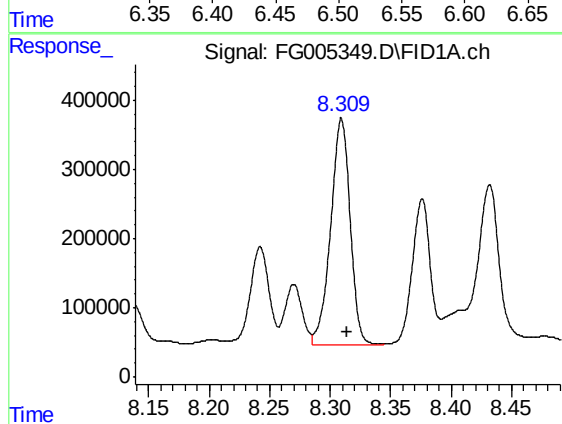
#2 N-DECANE

R.T.: 4.471 min
Delta R.T.: -0.009 min
Response: 3152713
Conc: 21.78 ug/ml



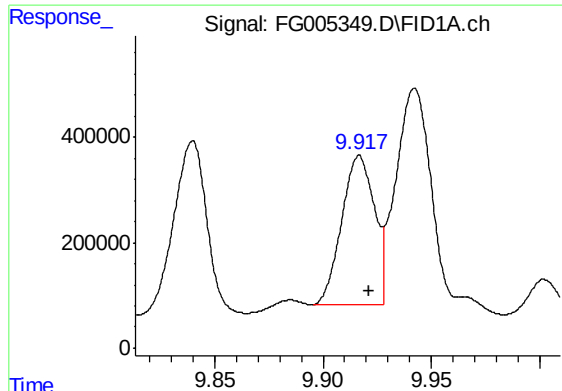
#3 N-DODECANE

R.T.: 6.504 min
Delta R.T.: -0.007 min
Response: 3477227
Conc: 23.40 ug/ml



#4 N-TETRADECANE

R.T.: 8.309 min
Delta R.T.: -0.005 min
Response: 3665120
Conc: 24.45 ug/ml



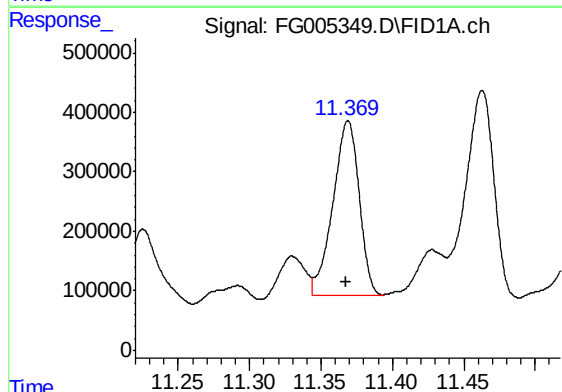
#5 N-HEXADECANE

R.T.: 9.917 min
Delta R.T.: -0.004 min
Response: 3028590
Conc: 19.91 ug/ml m

Instrument :
FID_G
ClientSampleId :
TRIANGLE-AREA-SOIL-AMS

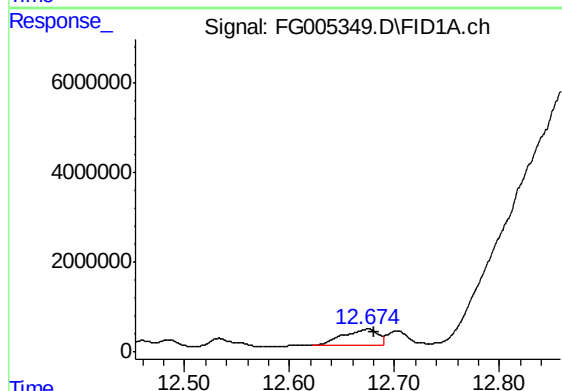
Manual Integrations
APPROVED

Ankita
7/3/2019 1:56:19 PM



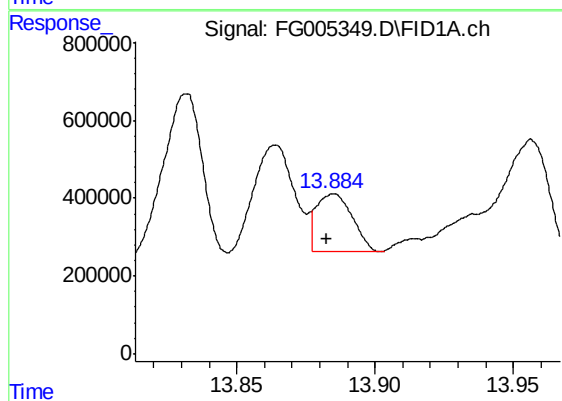
#6 N-OCTADECANE

R.T.: 11.369 min
Delta R.T.: 0.001 min
Response: 3722224
Conc: 24.62 ug/ml m



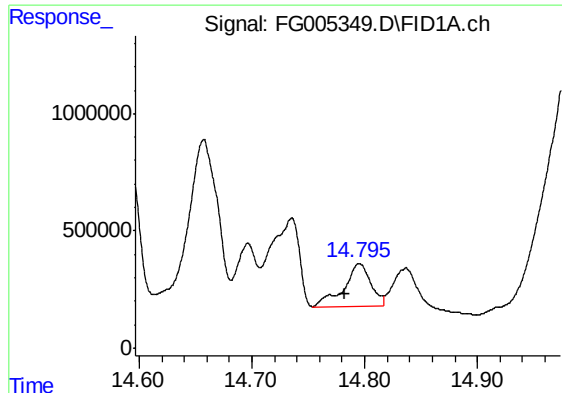
#7 N-EICOSANE

R.T.: 12.674 min
Delta R.T.: -0.006 min
Response: 8064877
Conc: 52.93 ug/ml m



#8 N-DOCOSANE

R.T.: 13.884 min
Delta R.T.: 0.002 min
Response: 1317474
Conc: 8.75 ug/ml m



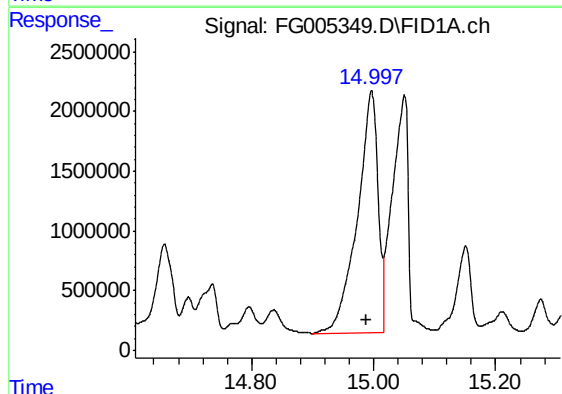
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.795 min
Delta R.T.: 0.013 min
Response: 3064717
Conc: 23.25 ug/ml m

Instrument :
FID_G
ClientSampleId :
TRIANGLE-AREA-SOIL-AMS

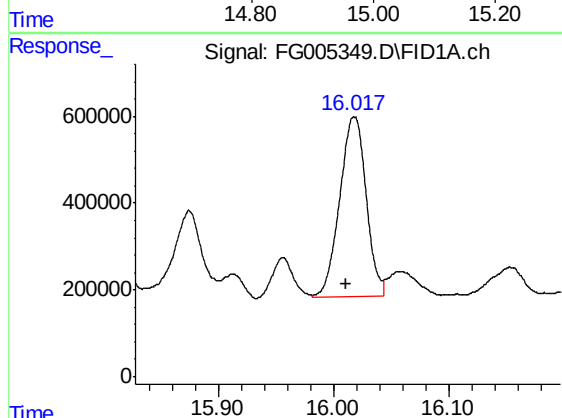
Manual Integrations
APPROVED

Ankita
7/3/2019 1:56:19 PM



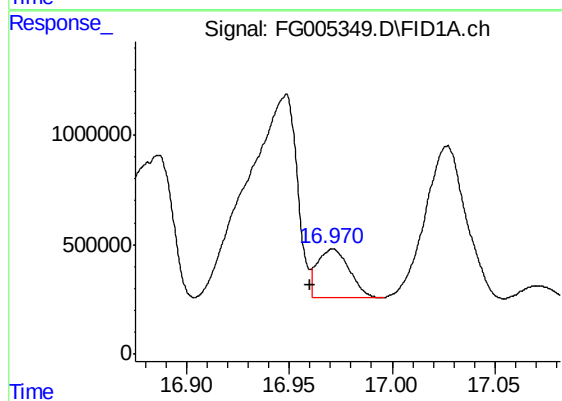
#10 N-TETRACOSANE

R.T.: 14.996 min
Delta R.T.: 0.009 min
Response: 47375089
Conc: 318.39 ug/ml



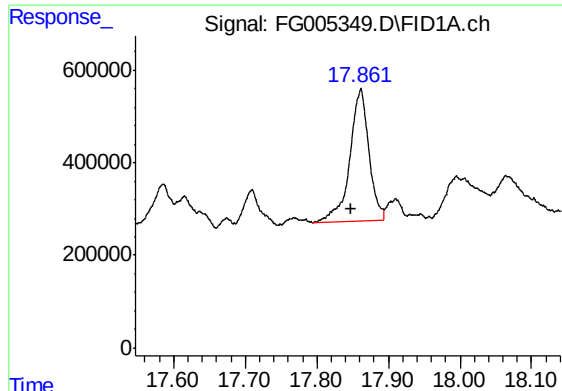
#11 N-HEXACOSANE

R.T.: 16.018 min
Delta R.T.: 0.007 min
Response: 6651807
Conc: 45.67 ug/ml



#12 N-OCTACOSANE

R.T.: 16.971 min
Delta R.T.: 0.011 min
Response: 2424102
Conc: 17.04 ug/ml



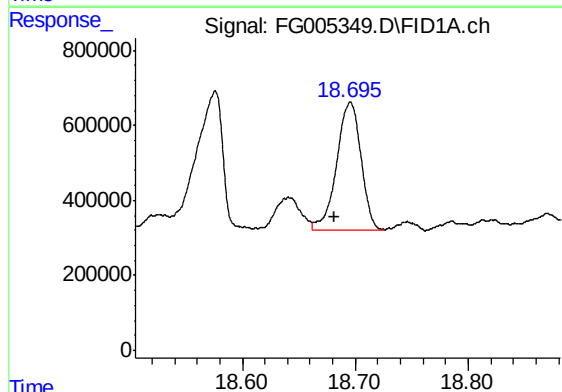
#13 N-TRIACONTANE

R.T.: 17.861 min
Delta R.T.: 0.013 min
Response: 5334257
Conc: 38.11 ug/ml m

Instrument :
FID_G
ClientSampleId :
TRIANGLE-AREA-SOIL-AMS

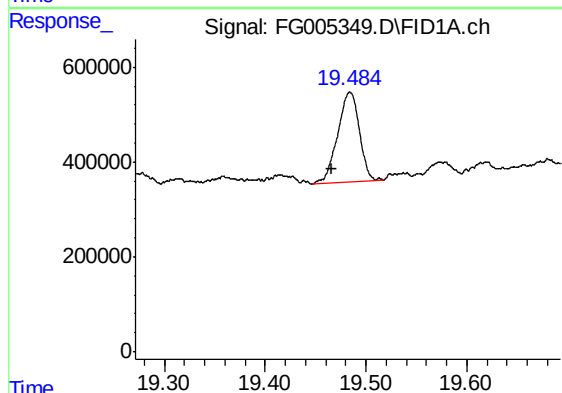
Manual Integrations
APPROVED

Ankita
7/3/2019 1:56:19 PM



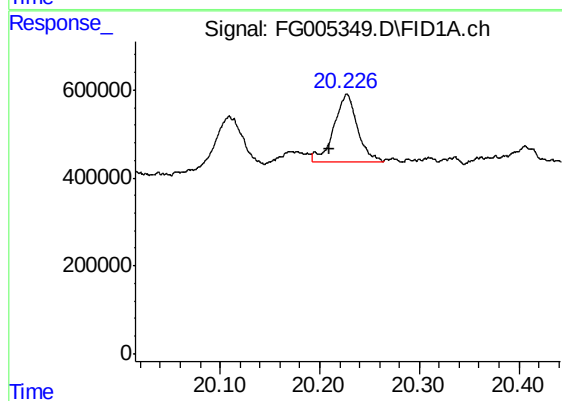
#14 N-DOTRIACONTANE

R.T.: 18.695 min
Delta R.T.: 0.013 min
Response: 5074842
Conc: 37.73 ug/ml m



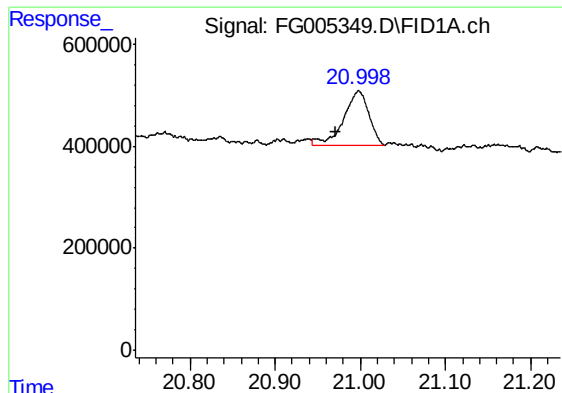
#15 N-TETRATRIACONTANE

R.T.: 19.484 min
Delta R.T.: 0.018 min
Response: 2828569
Conc: 22.06 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.226 min
Delta R.T.: 0.017 min
Response: 2510192
Conc: 21.07 ug/ml m



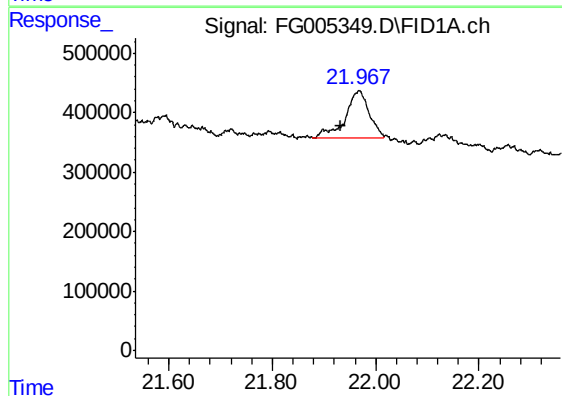
#17 N-OCTATRIACONTANE

R.T.: 20.998 min
Delta R.T.: 0.027 min
Response: 2193654
Conc: 20.69 ug/ml m

Instrument :
FID_G
ClientSampleId :
TRIANGLE-AREA-SOIL-AMS

Manual Integrations
APPROVED

Ankita
7/3/2019 1:56:19 PM



#18 N-TETRACONTANE

R.T.: 21.967 min
Delta R.T.: 0.034 min
Response: 2569513
Conc: 24.59 ug/ml m