

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042721\
 Data File : FG007923.D
 Signal(s) : FID1A.ch
 Acq On : 27 Apr 2021 20:15
 Operator : DD\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Apr 28 06:41:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042121.M
 Quant Title :
 QLast Update : Thu Apr 22 01:54:01 2021
 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...	14.794	5275888	39.630 ug/ml
Target Compounds			
1) N-OCTANE	2.367	6329117	42.676 ug/ml
2) N-DECANE	4.486	6568371	43.451 ug/ml
3) N-DODECANE	6.517	6620789	43.275 ug/ml
4) N-TETRADECANE	8.320	6688077	42.848 ug/ml
5) N-HEXADECANE	9.926	6577494	42.452 ug/ml
6) N-OCTADECANE	11.374	6599309	41.971 ug/ml
7) N-EICOSANE	12.689	6398646	41.292 ug/ml
8) N-DOCOSANE	13.891	6203518	40.370 ug/ml
10) N-TETRACOSANE	15.000	5996761	39.411 ug/ml
11) N-HEXACOSANE	16.023	5739628	38.534 ug/ml
12) N-OCTACOSANE	16.977	5585796	38.143 ug/ml
13) N-TRIACONTANE	17.867	5488610	38.399 ug/ml
14) N-DOTRIACONTANE	18.702	5379476	39.433 ug/ml
15) N-TETRATRIACONTANE	19.490	5325079	41.428 ug/ml
16) N-HEXATRIACONTANE	20.229	5800558	49.567 ug/ml
17) N-OCTATRIACONTANE	20.998	5037908	46.524 ug/ml
18) N-TETRACONTANE	21.967	5231742	47.759 ug/ml

(f)=RT Delta > 1/2 Window

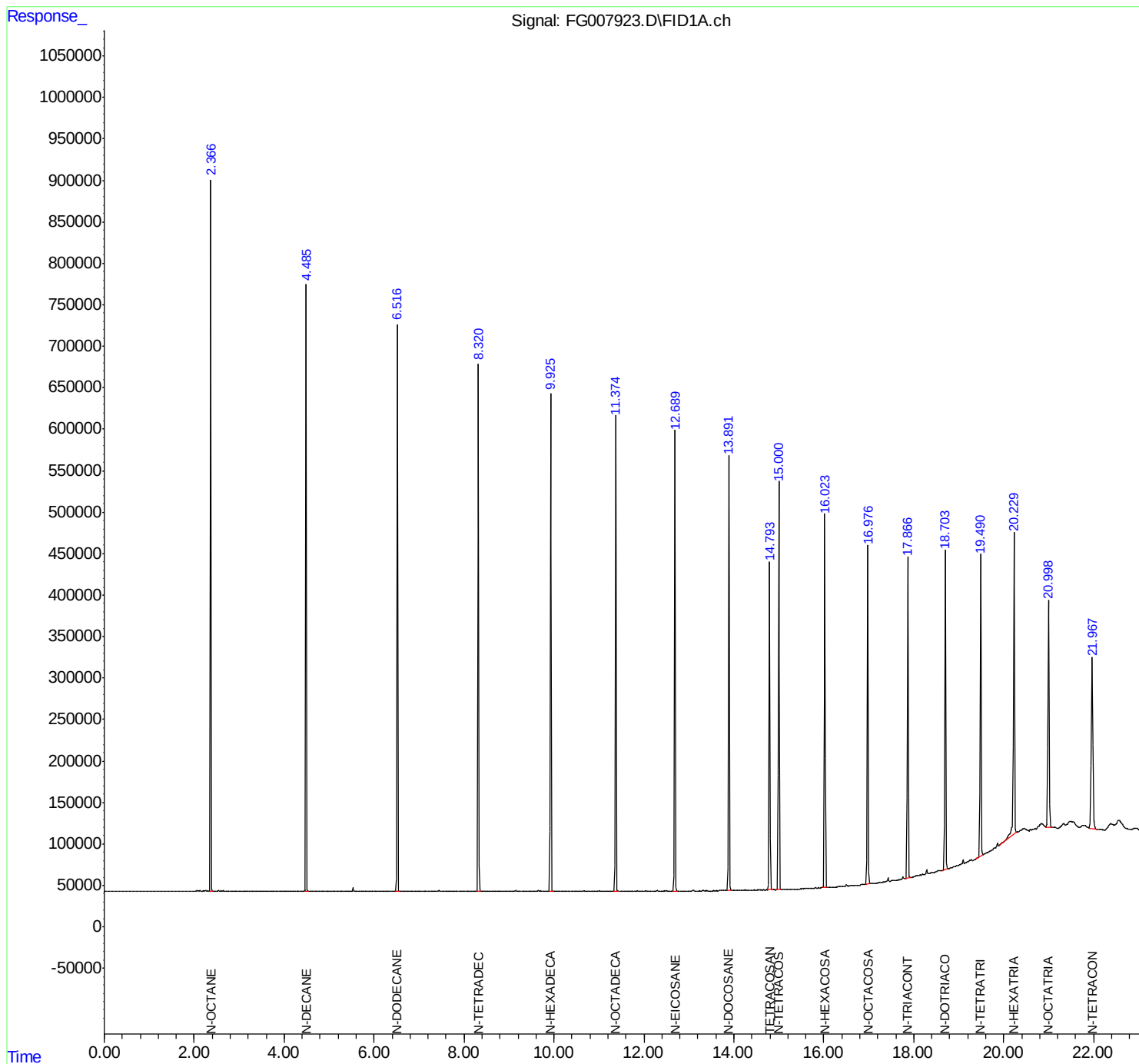
(m)=manual int.

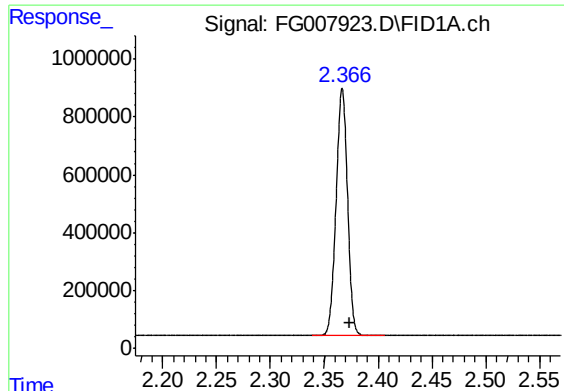
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Signal Info : 20mx0.18mmx0.18um

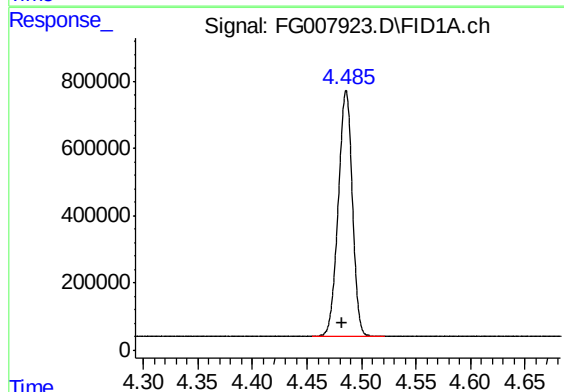




#1 N-OCTANE

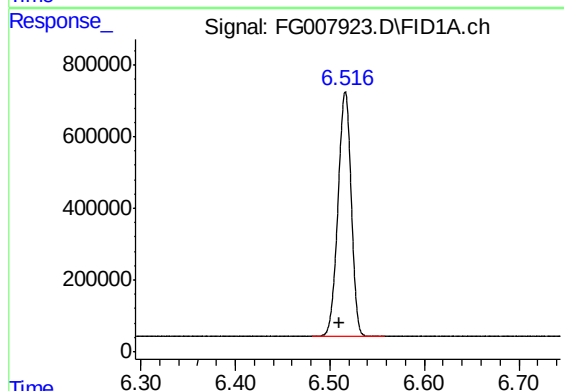
R.T.: 2.367 min
Delta R.T.: -0.007 min
Response: 6329117
Conc: 42.68 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



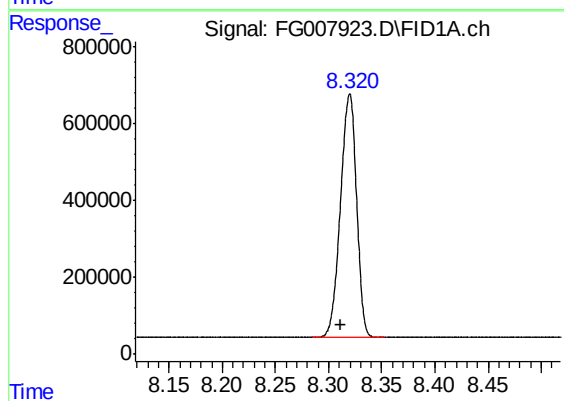
#2 N-DECANE

R.T.: 4.486 min
Delta R.T.: 0.003 min
Response: 6568371
Conc: 43.45 ug/ml



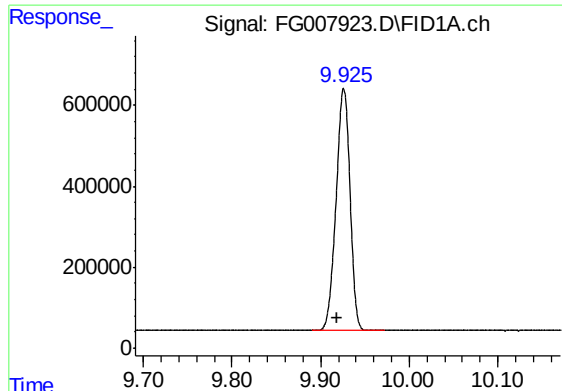
#3 N-DODECANE

R.T.: 6.517 min
Delta R.T.: 0.006 min
Response: 6620789
Conc: 43.27 ug/ml



#4 N-TETRADECANE

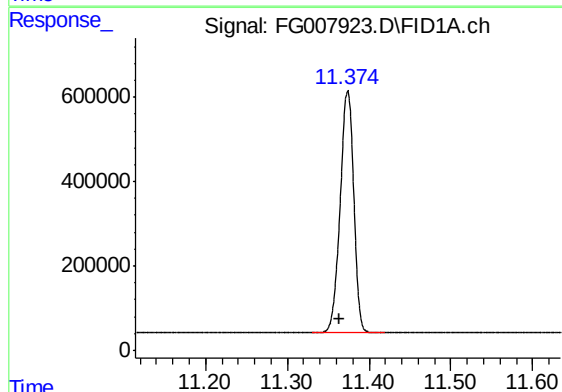
R.T.: 8.320 min
Delta R.T.: 0.008 min
Response: 6688077
Conc: 42.85 ug/ml



#5 N-HEXADECANE

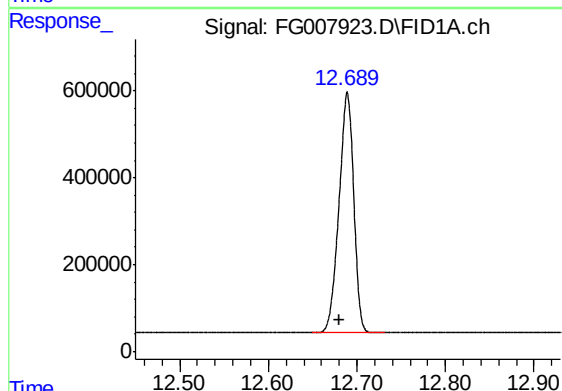
R.T.: 9.926 min
Delta R.T.: 0.008 min
Response: 6577494
Conc: 42.45 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



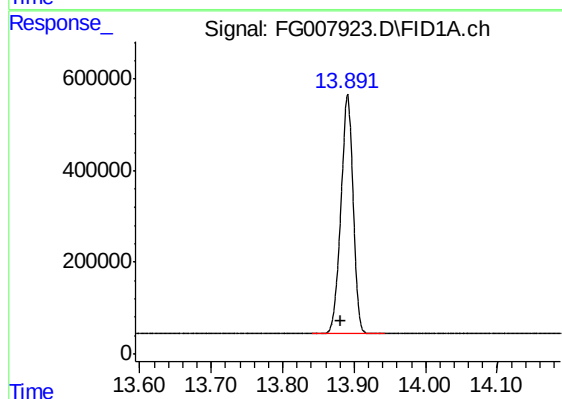
#6 N-OCTADECANE

R.T.: 11.374 min
Delta R.T.: 0.009 min
Response: 6599309
Conc: 41.97 ug/ml



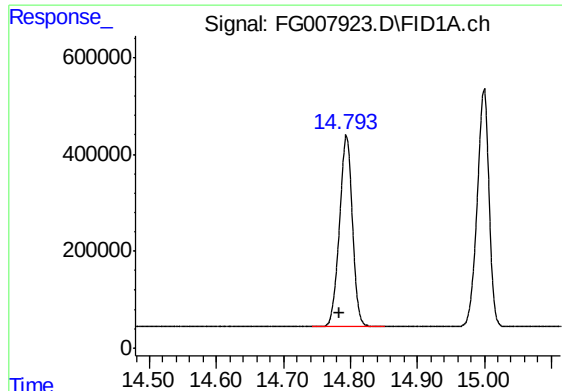
#7 N-EICOSANE

R.T.: 12.689 min
Delta R.T.: 0.009 min
Response: 6398646
Conc: 41.29 ug/ml



#8 N-DOCOSANE

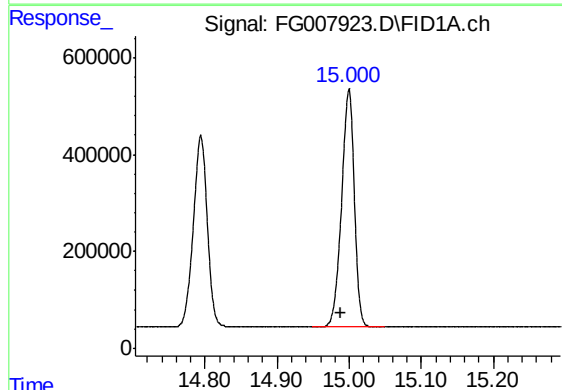
R.T.: 13.891 min
Delta R.T.: 0.009 min
Response: 6203518
Conc: 40.37 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

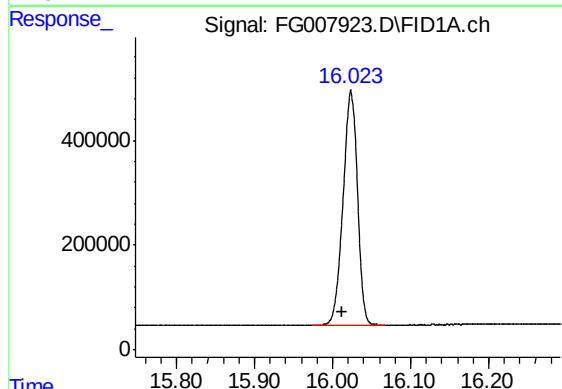
R.T.: 14.794 min
Delta R.T.: 0.010 min
Response: 5275888
Conc: 39.63 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



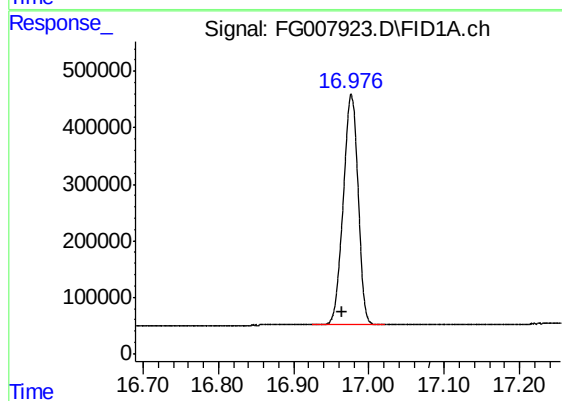
#10 N-TETRACOSANE

R.T.: 15.000 min
Delta R.T.: 0.012 min
Response: 5996761
Conc: 39.41 ug/ml



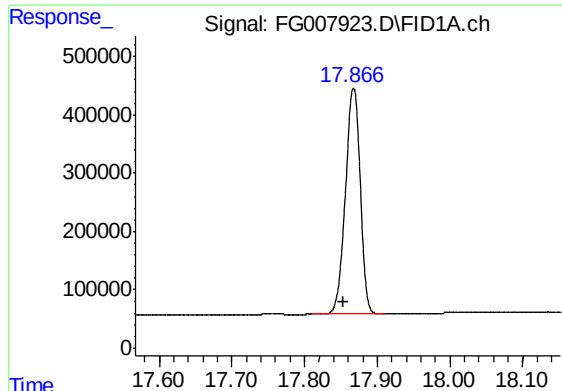
#11 N-HEXACOSANE

R.T.: 16.023 min
Delta R.T.: 0.012 min
Response: 5739628
Conc: 38.53 ug/ml



#12 N-OCTACOSANE

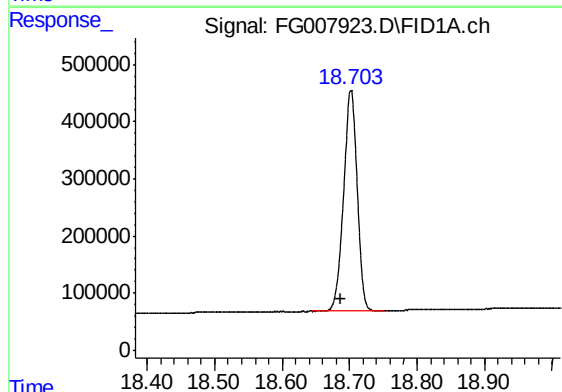
R.T.: 16.977 min
Delta R.T.: 0.012 min
Response: 5585796
Conc: 38.14 ug/ml



#13 N-TRIACONTANE

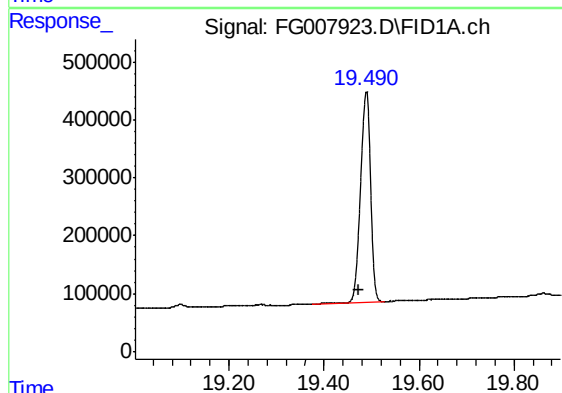
R.T.: 17.867 min
Delta R.T.: 0.014 min
Response: 5488610
Conc: 38.40 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



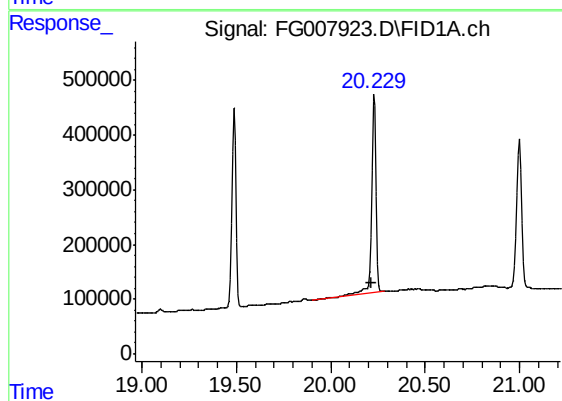
#14 N-DOTRIACONTANE

R.T.: 18.702 min
Delta R.T.: 0.015 min
Response: 5379476
Conc: 39.43 ug/ml



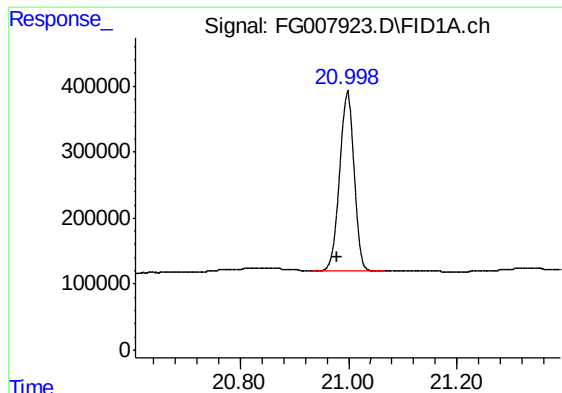
#15 N-TETRATRIACONTANE

R.T.: 19.490 min
Delta R.T.: 0.017 min
Response: 5325079
Conc: 41.43 ug/ml



#16 N-HEXATRIACONTANE

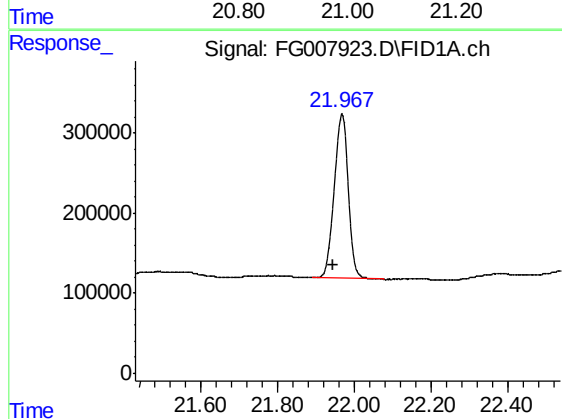
R.T.: 20.229 min
Delta R.T.: 0.015 min
Response: 5800558
Conc: 49.57 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.998 min
Delta R.T.: 0.019 min
Response: 5037908
Conc: 46.52 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.967 min
Delta R.T.: 0.023 min
Response: 5231742
Conc: 47.76 ug/ml