

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051721\
 Data File : FG008112.D
 Signal(s) : FID1A.ch
 Acq On : 17 May 2021 20:41
 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: May 18 02:43:48 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...	14.796	6306806	47.374 ug/ml
Target Compounds			
1) N-OCTANE	2.370	8214820	55.391 ug/ml
2) N-DECANE	4.488	8601083	56.898 ug/ml
3) N-DODECANE	6.519	8523667	55.712 ug/ml
4) N-TETRADECANE	8.322	8419866	53.943 ug/ml
5) N-HEXADECANE	9.929	8089028	52.208 ug/ml
6) N-OCTADECANE	11.377	7962658	50.642 ug/ml
7) N-EICOSANE	12.691	7630099	49.239 ug/ml
8) N-DOCOSANE	13.894	7427003	48.332 ug/ml
10) N-TETRACOSANE	15.002	7306991	48.022 ug/ml
11) N-HEXACOSANE	16.026	7165891	48.109 ug/ml
12) N-OCTACOSANE	16.979	7201596	49.177 ug/ml
13) N-TRIACONTANE	17.870	7313492	51.166 ug/ml
14) N-DOTRIACONTANE	18.705	7300469	53.514 ug/ml
15) N-TETRATRIACONTANE	19.490	7274028	56.591 ug/ml
16) N-HEXATRIACONTANE	20.231	7083256	60.528 ug/ml
17) N-OCTATRIACONTANE	20.997	7789065	71.931 ug/ml
18) N-TETRACONTANE	21.964	7170846	65.461 ug/ml

(f)=RT Delta > 1/2 Window

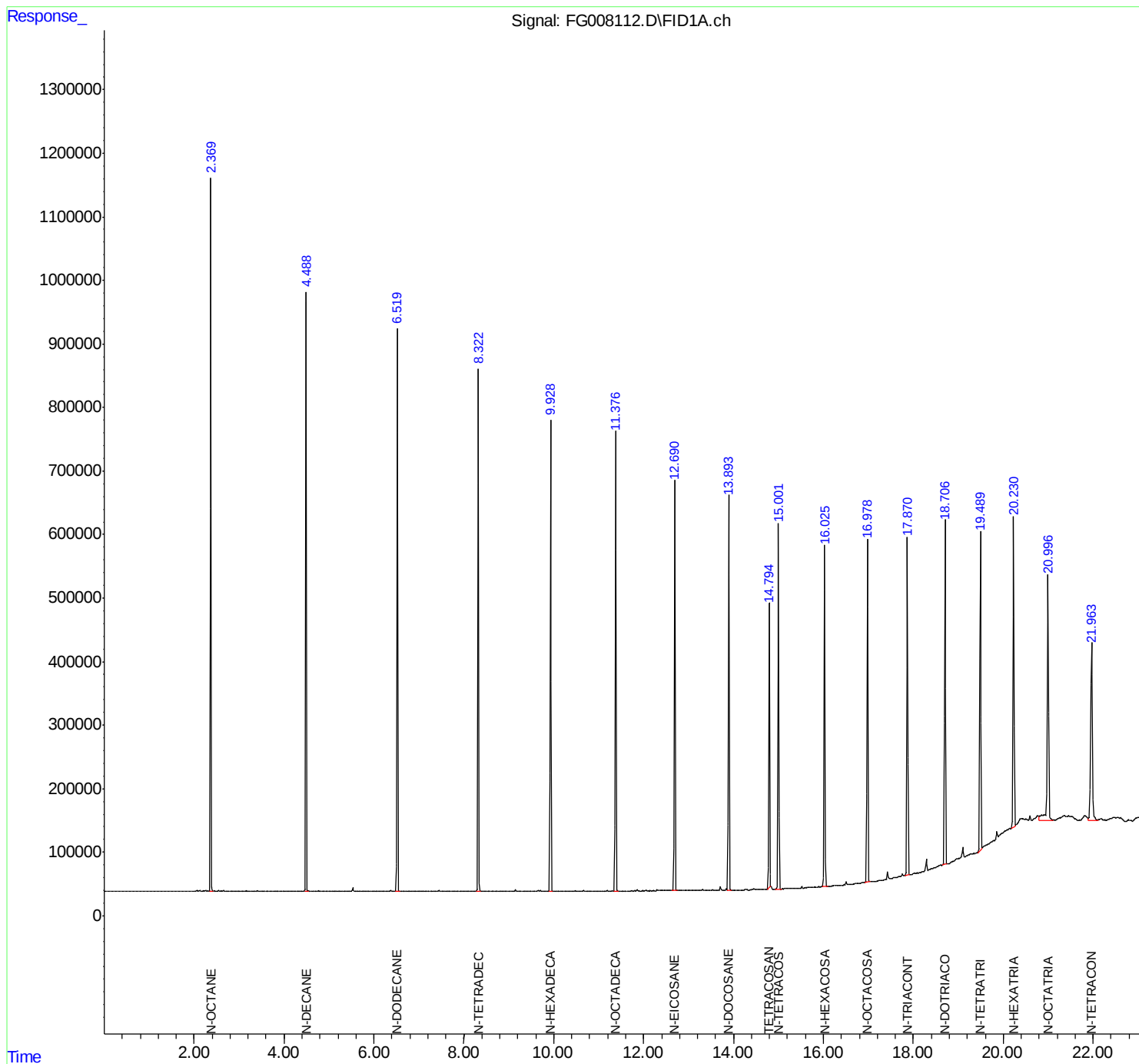
(m)=manual int.

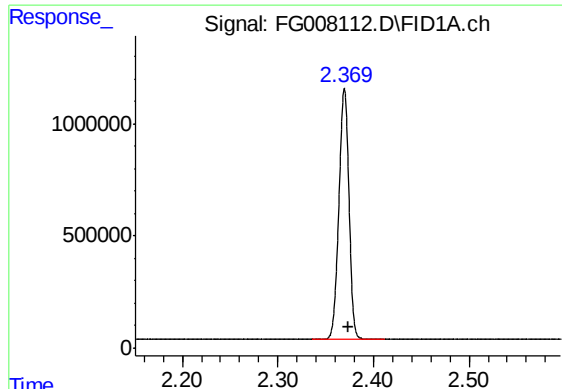
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Signal Info : 20mx0.18mmx0.18um

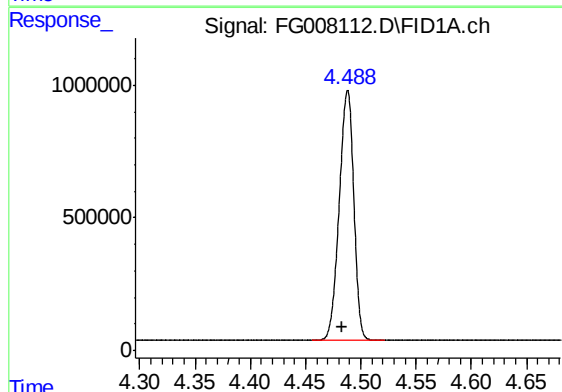




#1 N-OCTANE

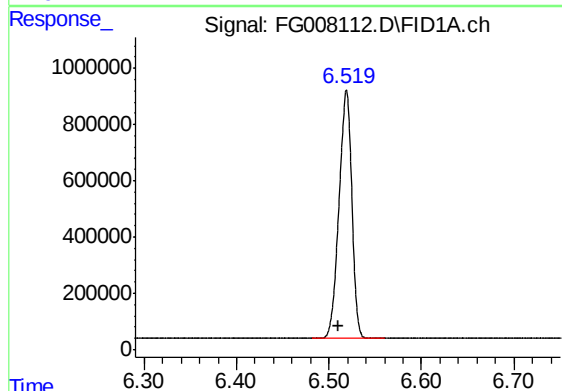
R.T.: 2.370 min
Delta R.T.: -0.004 min
Response: 8214820
Conc: 55.39 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



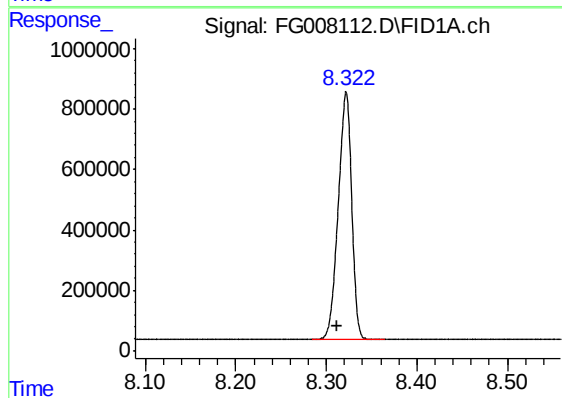
#2 N-DECANE

R.T.: 4.488 min
Delta R.T.: 0.005 min
Response: 8601083
Conc: 56.90 ug/ml



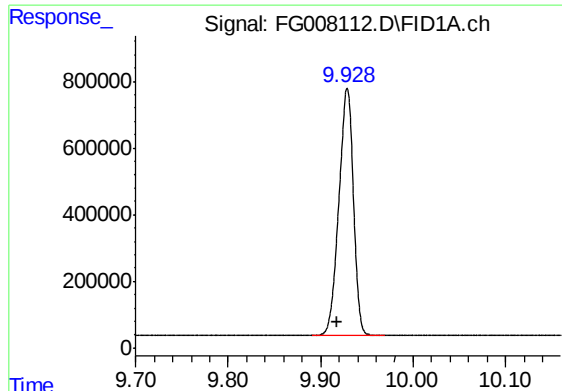
#3 N-DODECANE

R.T.: 6.519 min
Delta R.T.: 0.009 min
Response: 8523667
Conc: 55.71 ug/ml



#4 N-TETRADECANE

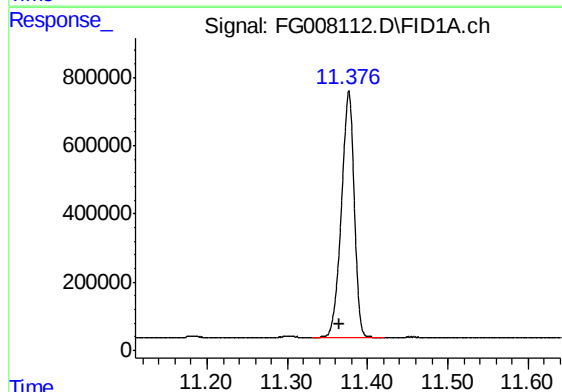
R.T.: 8.322 min
Delta R.T.: 0.010 min
Response: 8419866
Conc: 53.94 ug/ml



#5 N-HEXADECANE

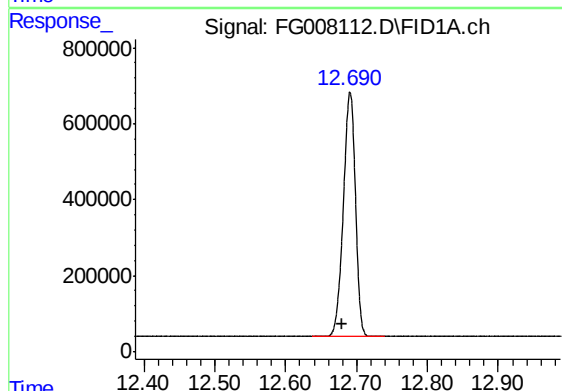
R.T.: 9.929 min
Delta R.T.: 0.011 min
Response: 8089028
Conc: 52.21 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



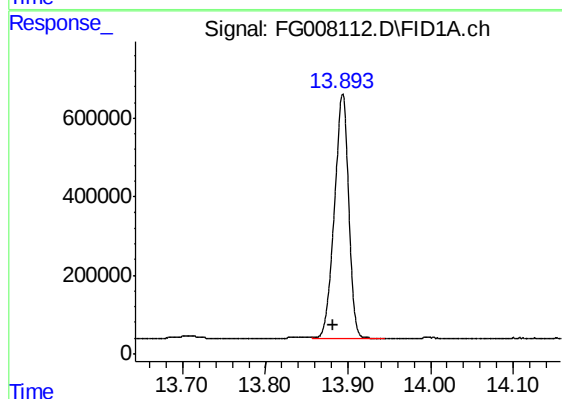
#6 N-OCTADECANE

R.T.: 11.377 min
Delta R.T.: 0.012 min
Response: 7962658
Conc: 50.64 ug/ml



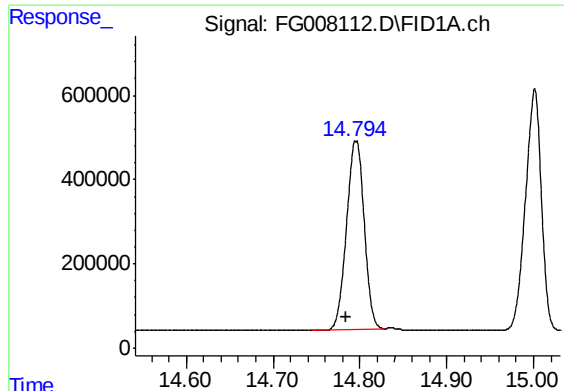
#7 N-EICOSANE

R.T.: 12.691 min
Delta R.T.: 0.011 min
Response: 7630099
Conc: 49.24 ug/ml



#8 N-DOCOSANE

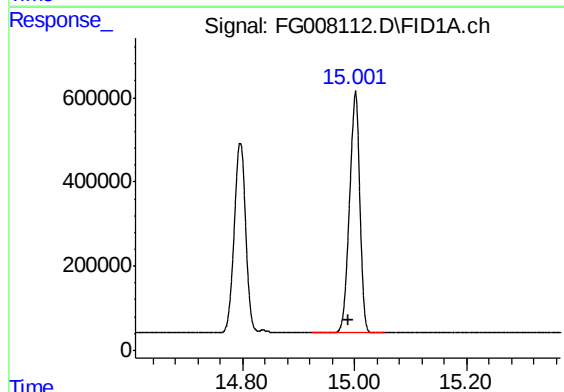
R.T.: 13.894 min
Delta R.T.: 0.012 min
Response: 7427003
Conc: 48.33 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

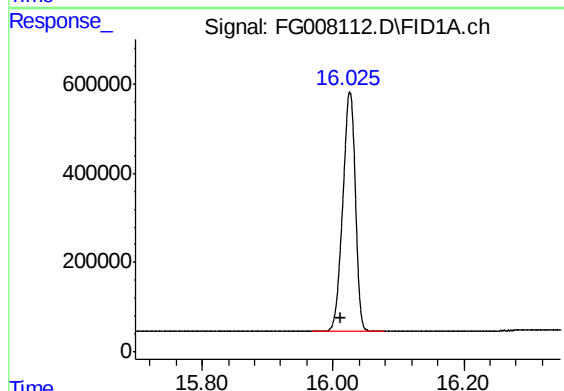
R.T.: 14.796 min
Delta R.T.: 0.011 min
Response: 6306806
Conc: 47.37 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



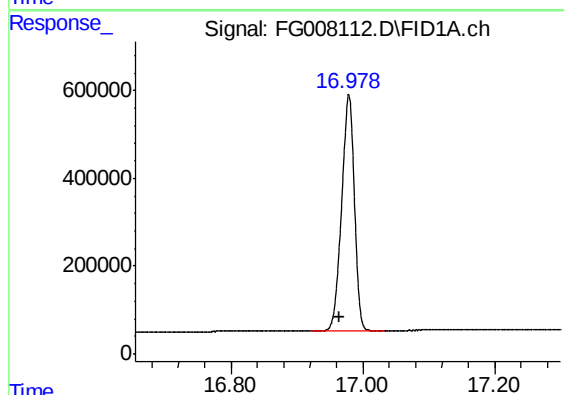
#10 N-TETRACOSANE

R.T.: 15.002 min
Delta R.T.: 0.014 min
Response: 7306991
Conc: 48.02 ug/ml



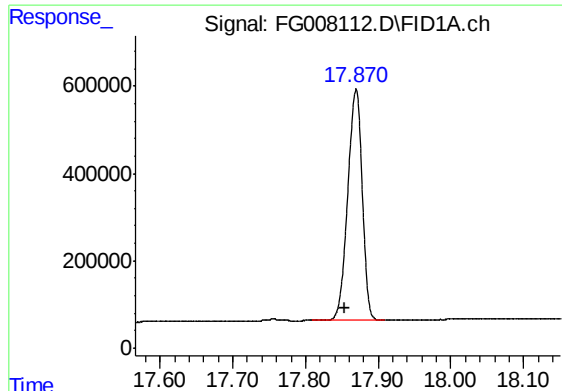
#11 N-HEXACOSANE

R.T.: 16.026 min
Delta R.T.: 0.014 min
Response: 7165891
Conc: 48.11 ug/ml



#12 N-OCTACOSANE

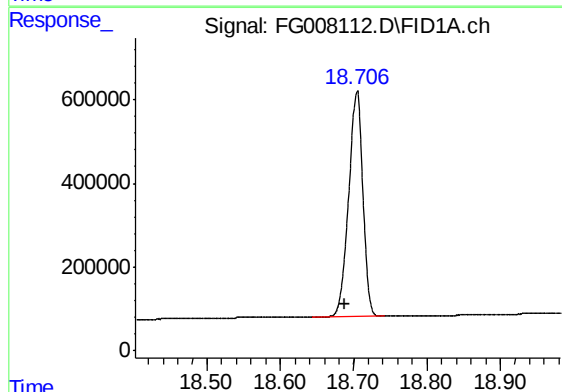
R.T.: 16.979 min
Delta R.T.: 0.014 min
Response: 7201596
Conc: 49.18 ug/ml



#13 N-TRIACONTANE

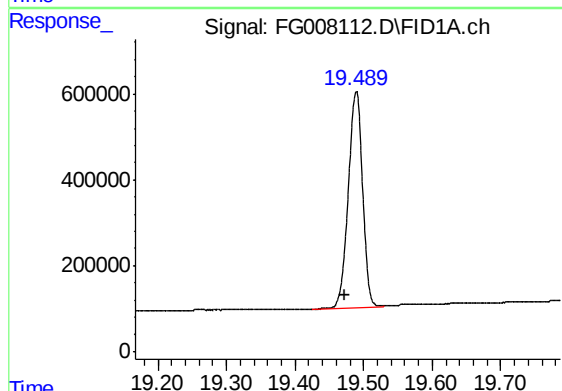
R.T.: 17.870 min
Delta R.T.: 0.016 min
Response: 7313492
Conc: 51.17 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



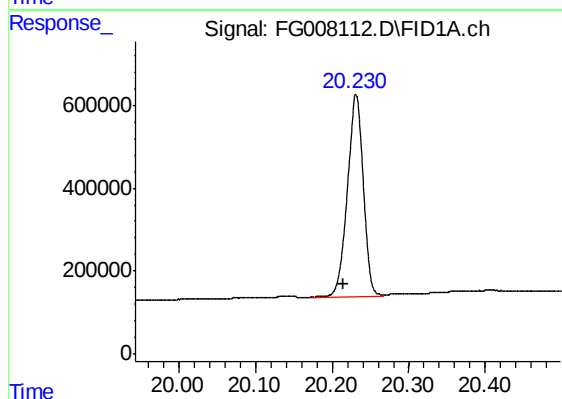
#14 N-DOTRIACONTANE

R.T.: 18.705 min
Delta R.T.: 0.018 min
Response: 7300469
Conc: 53.51 ug/ml



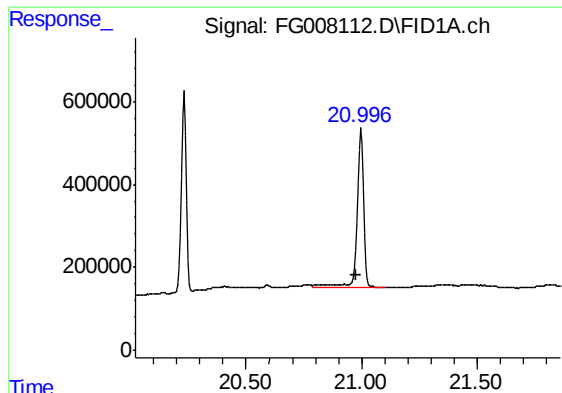
#15 N-TETRATRIACONTANE

R.T.: 19.490 min
Delta R.T.: 0.017 min
Response: 7274028
Conc: 56.59 ug/ml



#16 N-HEXATRIACONTANE

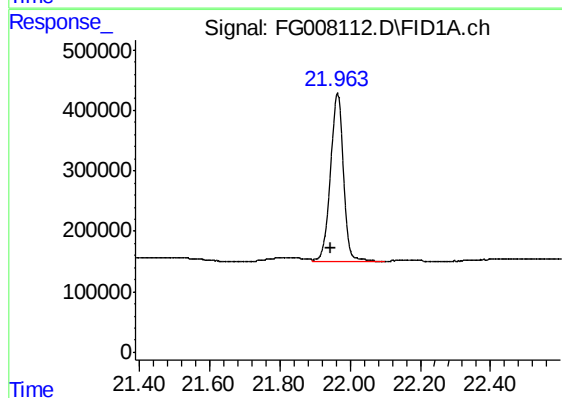
R.T.: 20.231 min
Delta R.T.: 0.017 min
Response: 7083256
Conc: 60.53 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.997 min
Delta R.T.: 0.017 min
Response: 7789065
Conc: 71.93 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.964 min
Delta R.T.: 0.020 min
Response: 7170846
Conc: 65.46 ug/ml