

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041921\
 Data File : FG007874.D
 Signal(s) : FID1A.ch
 Acq On : 19 Apr 2021 15:16
 Operator : DD\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 20 01:53:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG040521.M
 Quant Title :
 QLast Update : Tue Apr 06 03:05:53 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...	14.792	6815454	45.639 ug/ml
Target Compounds			
1) N-OCTANE	2.372	8225105	51.390 ug/ml
2) N-DECANE	4.488	8861866	53.450 ug/ml
3) N-DODECANE	6.518	8881911	52.933 ug/ml
4) N-TETRADECANE	8.320	8940675	51.953 ug/ml
5) N-HEXADECANE	9.927	8722363	50.754 ug/ml
6) N-OCTADECANE	11.374	8604112	49.281 ug/ml
7) N-EICOSANE	12.688	8289403	47.821 ug/ml
8) N-DOCOSANE	13.890	7972665	46.320 ug/ml
10) N-TETRACOSANE	14.997	7676478	44.913 ug/ml
11) N-HEXACOSANE	16.021	7362123	44.234 ug/ml
12) N-OCTACOSANE	16.973	7244581	44.542 ug/ml
13) N-TRIACONTANE	17.863	7215831	45.923 ug/ml
14) N-DOTRIACONTANE	18.697	7085480	46.416 ug/ml
15) N-TETRATRIACONTANE	19.484	6733799	50.654 ug/ml
16) N-HEXATRIACONTANE	20.223	6896022	59.250 ug/ml
17) N-OCTATRIACONTANE	20.991	5783633	55.220 ug/ml
18) N-TETRACONTANE	21.961f	6228416	62.827 ug/ml

(f)=RT Delta > 1/2 Window

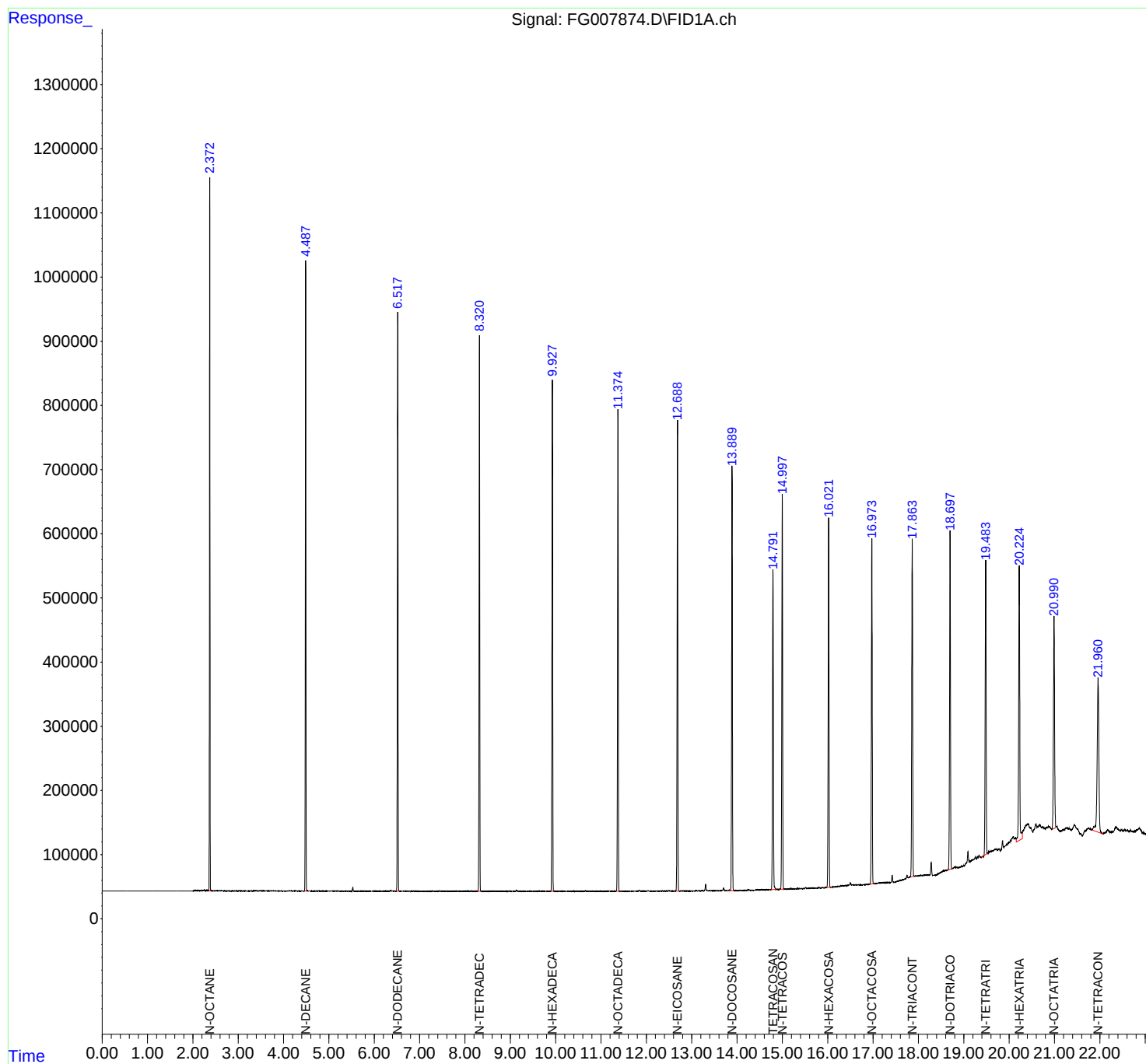
(m)=manual int.

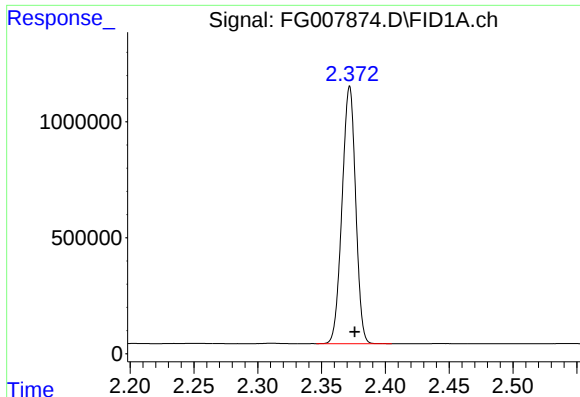
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

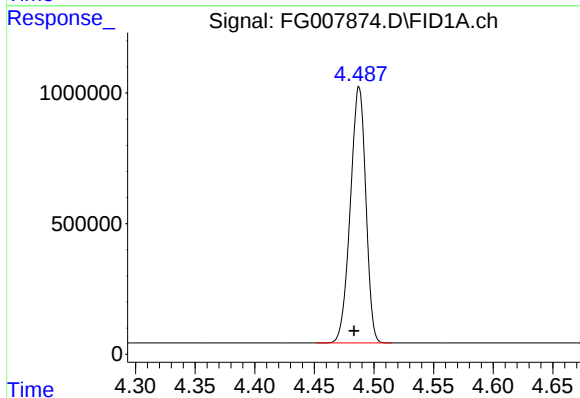




#1 N-OCTANE

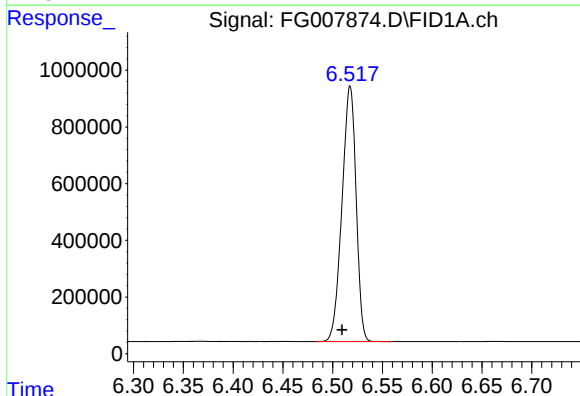
R.T.: 2.372 min
Delta R.T.: -0.004 min
Response: 8225105
Conc: 51.39 ug/ml

Instrument :
FID_G
ClientSampleId :



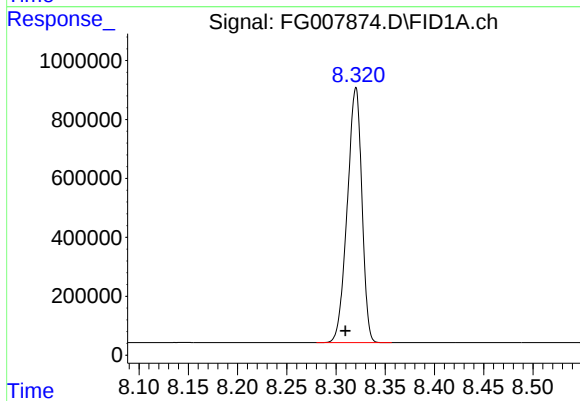
#2 N-DECANE

R.T.: 4.488 min
Delta R.T.: 0.004 min
Response: 8861866
Conc: 53.45 ug/ml



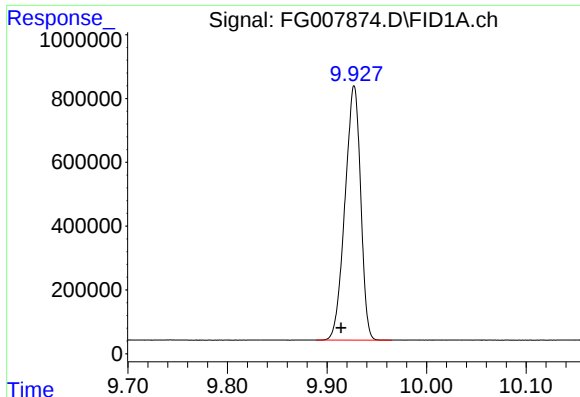
#3 N-DODECANE

R.T.: 6.518 min
Delta R.T.: 0.008 min
Response: 8881911
Conc: 52.93 ug/ml



#4 N-TETRADECANE

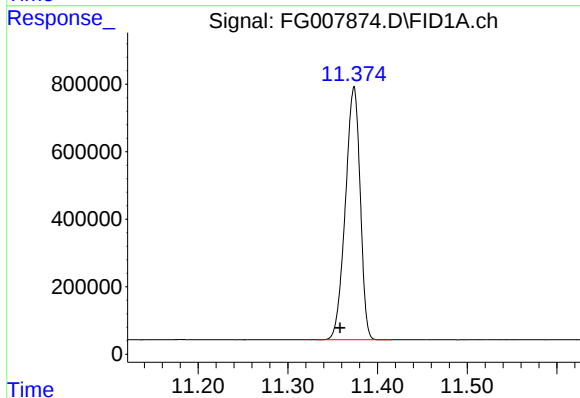
R.T.: 8.320 min
Delta R.T.: 0.011 min
Response: 8940675
Conc: 51.95 ug/ml



#5 N-HEXADECANE

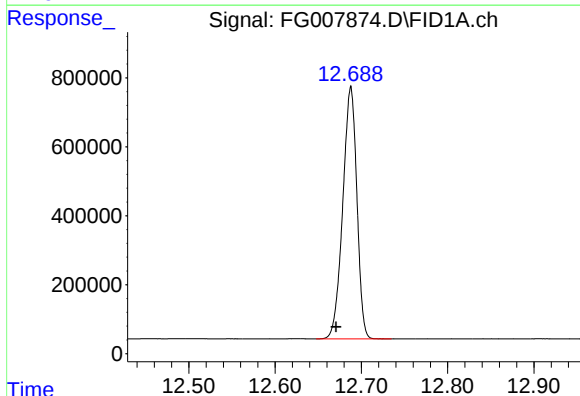
R.T.: 9.927 min
Delta R.T.: 0.013 min
Response: 8722363
Conc: 50.75 ug/ml

Instrument :
FID_G
ClientSampleId :



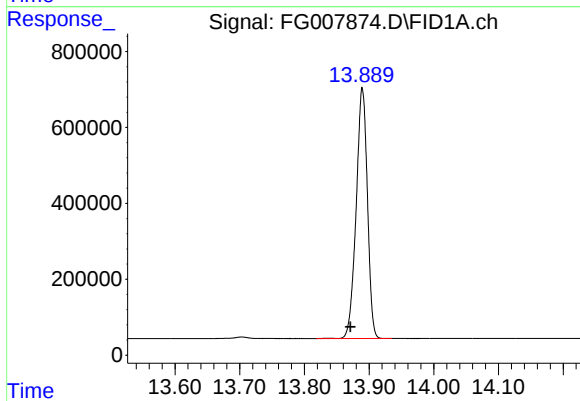
#6 N-OCTADECANE

R.T.: 11.374 min
Delta R.T.: 0.016 min
Response: 8604112
Conc: 49.28 ug/ml



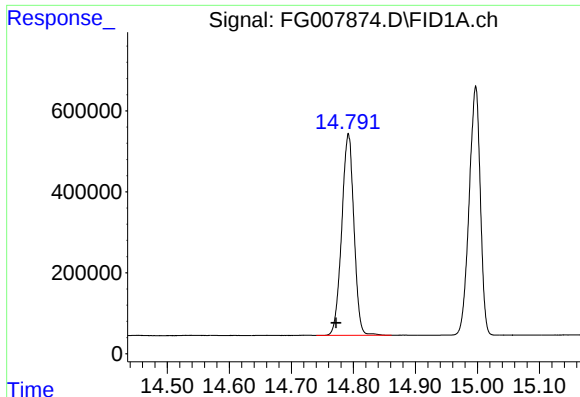
#7 N-EICOSANE

R.T.: 12.688 min
Delta R.T.: 0.017 min
Response: 8289403
Conc: 47.82 ug/ml



#8 N-DOCOSANE

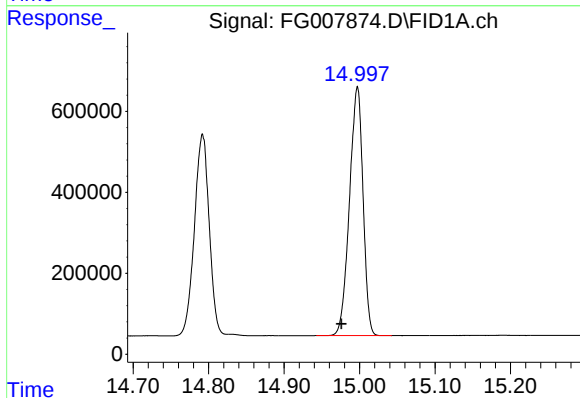
R.T.: 13.890 min
Delta R.T.: 0.018 min
Response: 7972665
Conc: 46.32 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

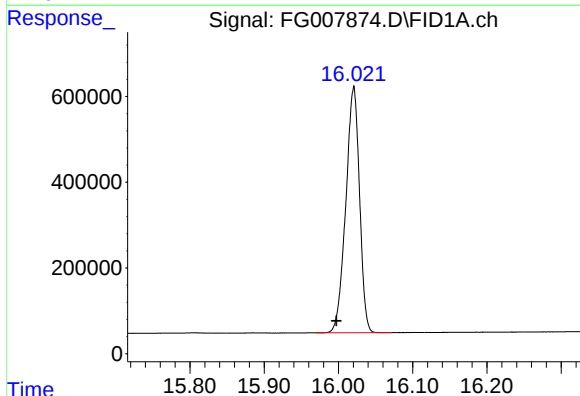
R.T.: 14.792 min
Delta R.T.: 0.020 min
Response: 6815454
Conc: 45.64 ug/ml

Instrument :
FID_G
ClientSampleId :



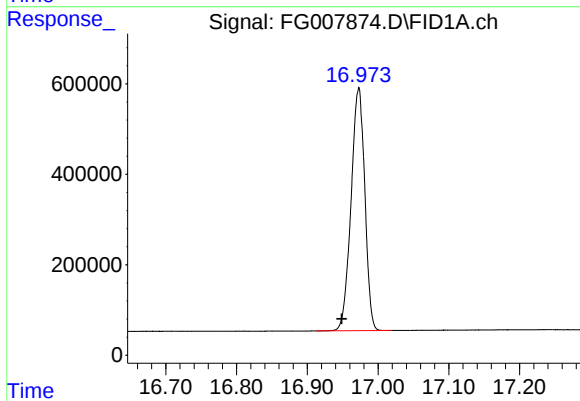
#10 N-TETRACOSANE

R.T.: 14.997 min
Delta R.T.: 0.021 min
Response: 7676478
Conc: 44.91 ug/ml



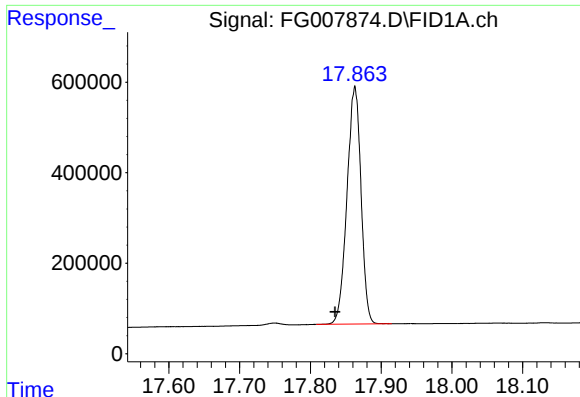
#11 N-HEXACOSANE

R.T.: 16.021 min
Delta R.T.: 0.023 min
Response: 7362123
Conc: 44.23 ug/ml



#12 N-OCTACOSANE

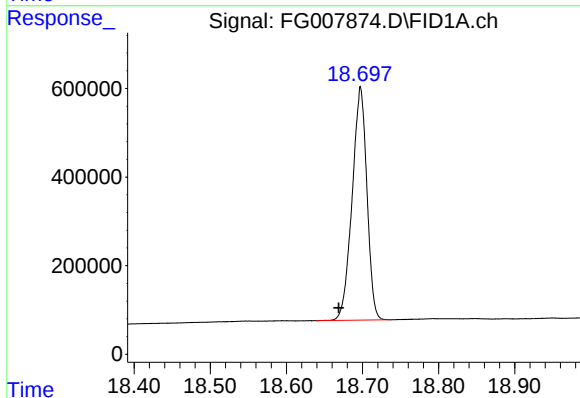
R.T.: 16.973 min
Delta R.T.: 0.024 min
Response: 7244581
Conc: 44.54 ug/ml



#13 N-TRIACONTANE

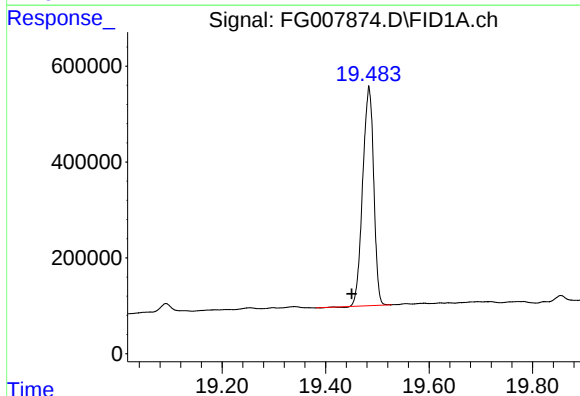
R.T.: 17.863 min
Delta R.T.: 0.028 min
Response: 7215831
Conc: 45.92 ug/ml

Instrument :
FID_G
ClientSampleId :



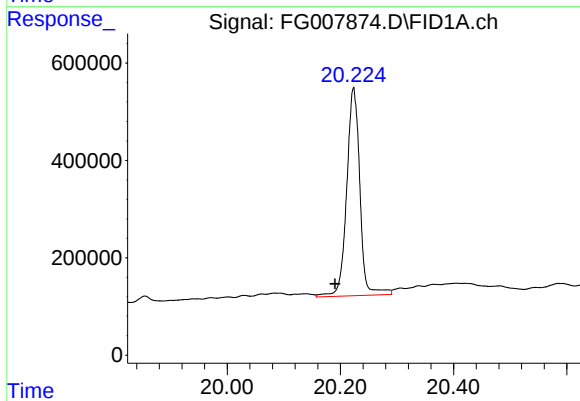
#14 N-DOTRIACONTANE

R.T.: 18.697 min
Delta R.T.: 0.029 min
Response: 7085480
Conc: 46.42 ug/ml



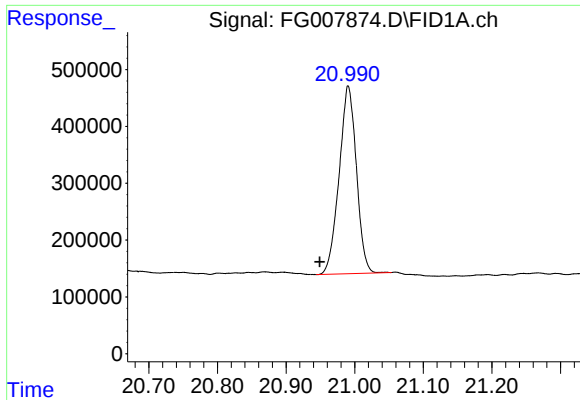
#15 N-TETRATRIACONTANE

R.T.: 19.484 min
Delta R.T.: 0.034 min
Response: 6733799
Conc: 50.65 ug/ml



#16 N-HEXATRIACONTANE

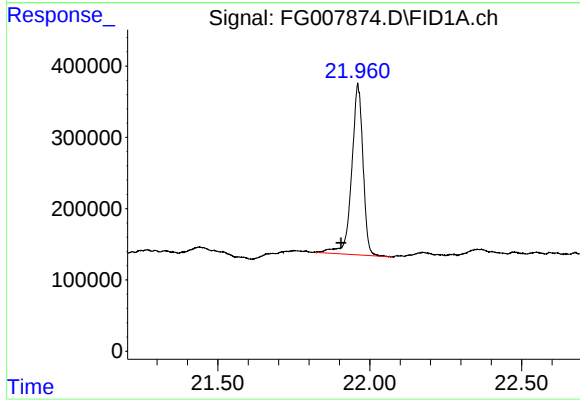
R.T.: 20.223 min
Delta R.T.: 0.033 min
Response: 6896022
Conc: 59.25 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.991 min
Delta R.T.: 0.042 min
Response: 5783633
Conc: 55.22 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 21.961 min
Delta R.T.: 0.054 min
Response: 6228416
Conc: 62.83 ug/ml