

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050721\
 Data File : FG008025.D
 Signal(s) : FID1A.ch
 Acq On : 07 May 2021 19:28
 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 07 23:10:06 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...	14.787	6495070	48.788 ug/ml
Target Compounds			
1) N-OCTANE	2.367	8124867	54.785 ug/ml
2) N-DECANE	4.483	8743462	57.840 ug/ml
3) N-DODECANE	6.513	8690976	56.806 ug/ml
4) N-TETRADECANE	8.315	8649816	55.416 ug/ml
5) N-HEXADECANE	9.921	8367757	54.007 ug/ml
6) N-OCTADECANE	11.368	8264000	52.558 ug/ml
7) N-EICOSANE	12.683	7918457	51.100 ug/ml
8) N-DOCOSANE	13.885	7640948	49.724 ug/ml
10) N-TETRACOSANE	14.992	7418795	48.757 ug/ml
11) N-HEXACOSANE	16.017	7138969	47.928 ug/ml
12) N-OCTACOSANE	16.971	7071456	48.288 ug/ml
13) N-TRIACONTANE	17.861	7158891	50.084 ug/ml
14) N-DOTRIACONTANE	18.695	7140730	52.343 ug/ml
15) N-TETRATRIACONTANE	19.481	7022033	54.630 ug/ml
16) N-HEXATRIACONTANE	20.222	6804386	58.145 ug/ml
17) N-OCTATRIACONTANE	20.986	6514664	60.162 ug/ml
18) N-TETRACONTANE	21.950	6623830	60.468 ug/ml

(f)=RT Delta > 1/2 Window

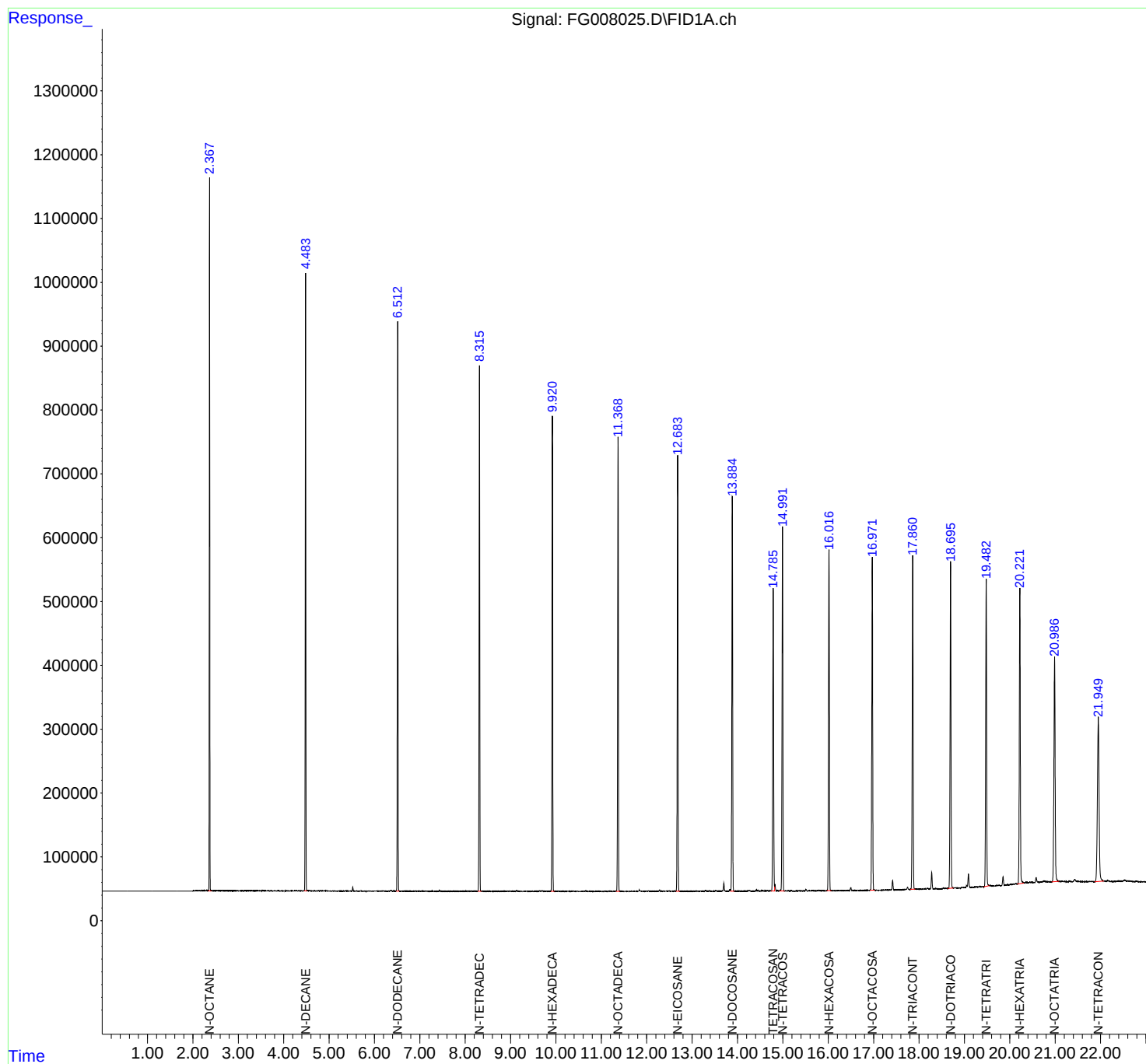
(m)=manual int.

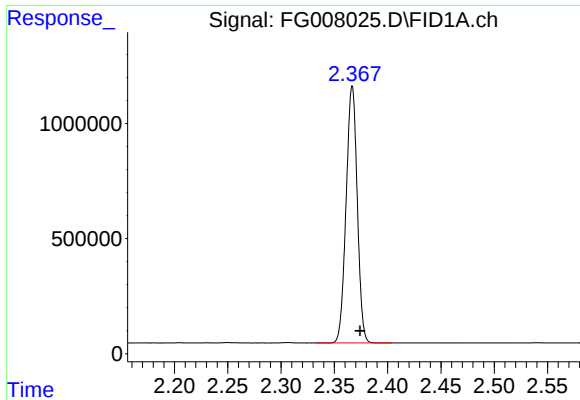
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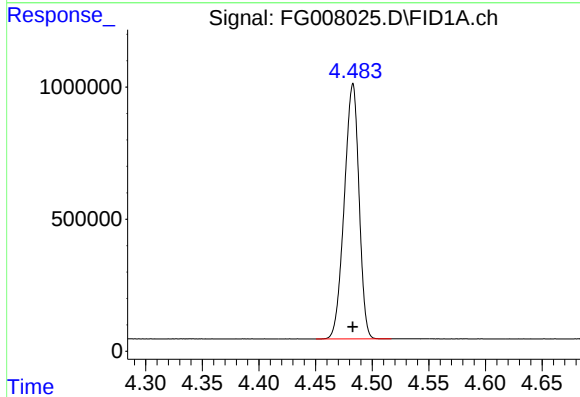




#1 N-OCTANE

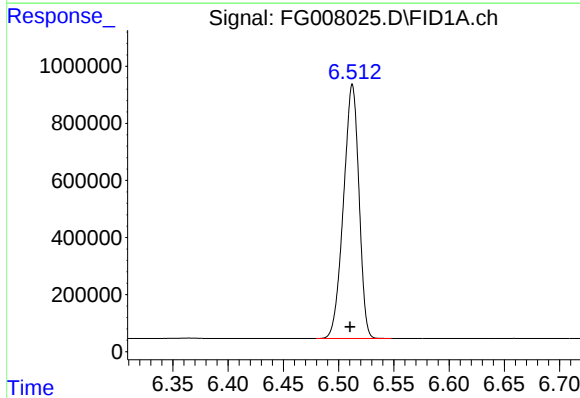
R.T.: 2.367 min
Delta R.T.: -0.007 min
Response: 8124867
Conc: 54.78 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



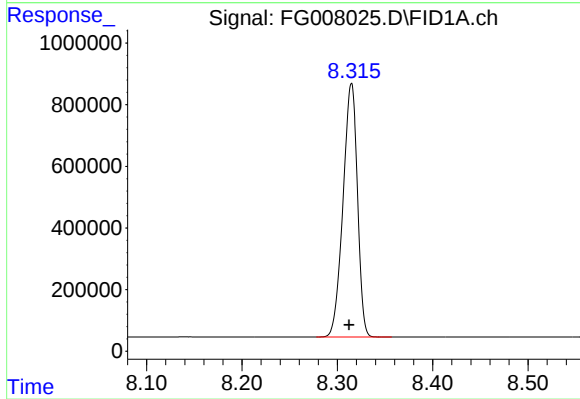
#2 N-DECANE

R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 8743462
Conc: 57.84 ug/ml



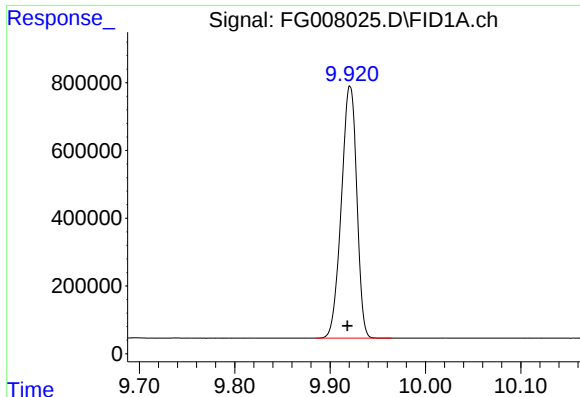
#3 N-DODECANE

R.T.: 6.513 min
Delta R.T.: 0.002 min
Response: 8690976
Conc: 56.81 ug/ml



#4 N-TETRADECANE

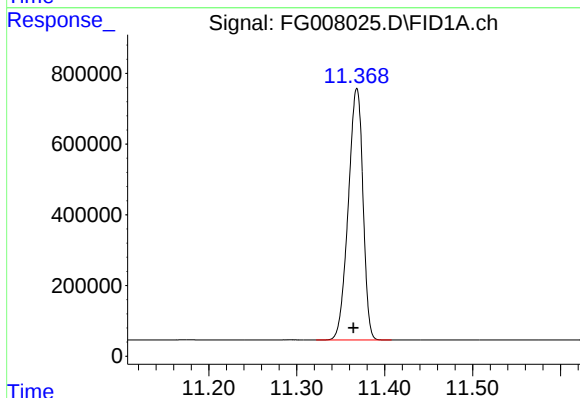
R.T.: 8.315 min
Delta R.T.: 0.003 min
Response: 8649816
Conc: 55.42 ug/ml



#5 N-HEXADECANE

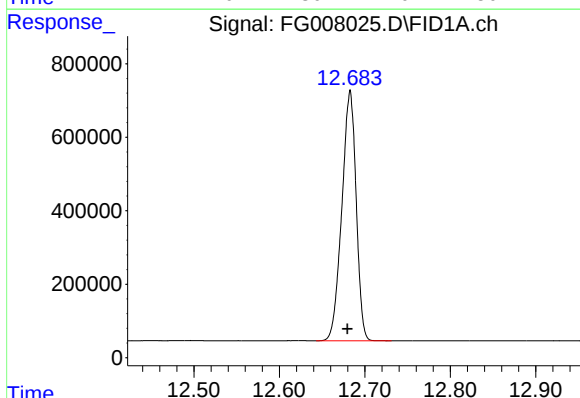
R.T.: 9.921 min
Delta R.T.: 0.003 min
Response: 8367757
Conc: 54.01 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



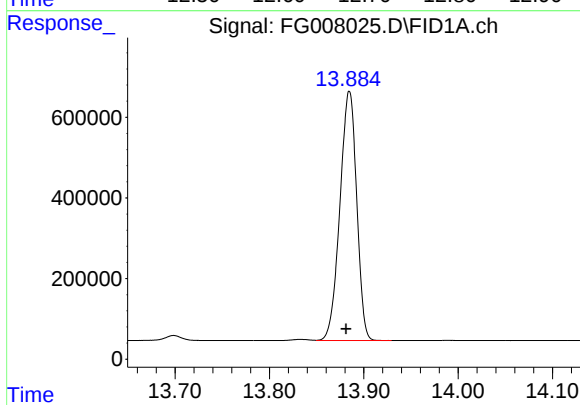
#6 N-OCTADECANE

R.T.: 11.368 min
Delta R.T.: 0.004 min
Response: 8264000
Conc: 52.56 ug/ml



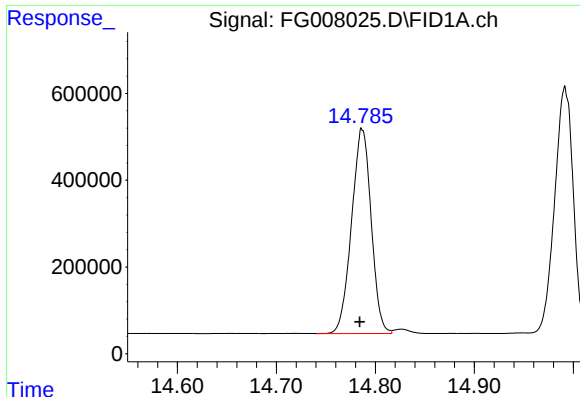
#7 N-EICOSANE

R.T.: 12.683 min
Delta R.T.: 0.003 min
Response: 7918457
Conc: 51.10 ug/ml



#8 N-DOCOSANE

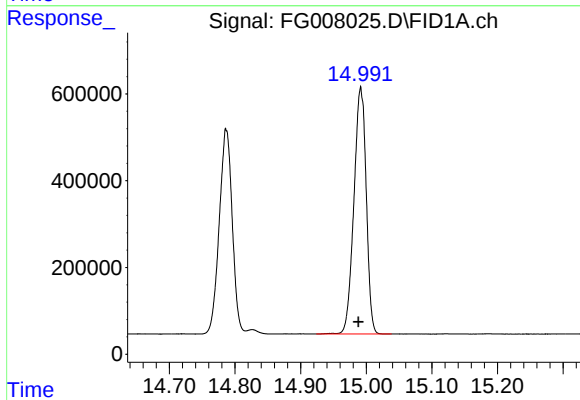
R.T.: 13.885 min
Delta R.T.: 0.003 min
Response: 7640948
Conc: 49.72 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

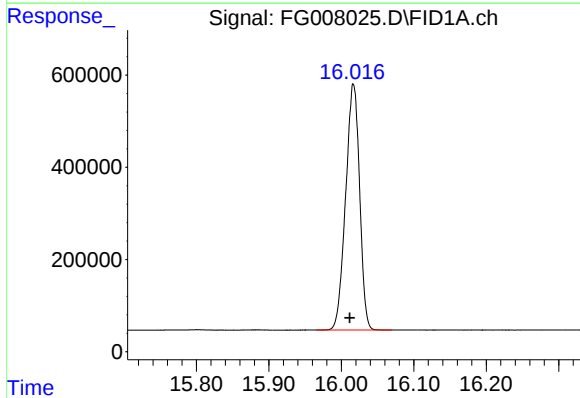
R.T.: 14.787 min
Delta R.T.: 0.002 min
Response: 6495070
Conc: 48.79 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



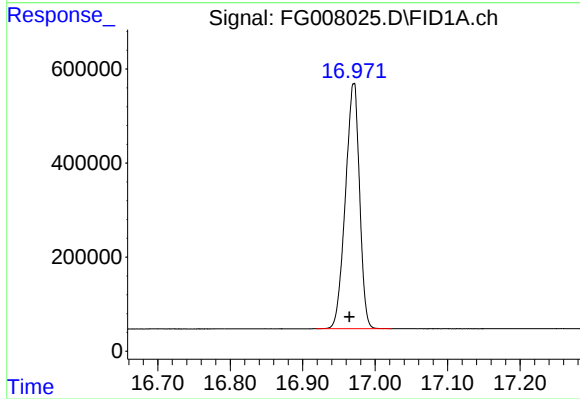
#10 N-TETRACOSANE

R.T.: 14.992 min
Delta R.T.: 0.004 min
Response: 7418795
Conc: 48.76 ug/ml



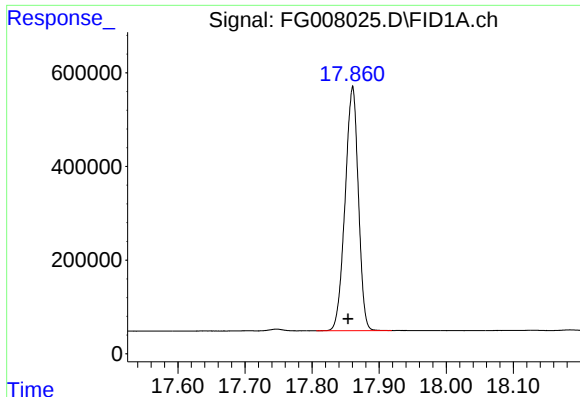
#11 N-HEXACOSANE

R.T.: 16.017 min
Delta R.T.: 0.005 min
Response: 7138969
Conc: 47.93 ug/ml



#12 N-OCTACOSANE

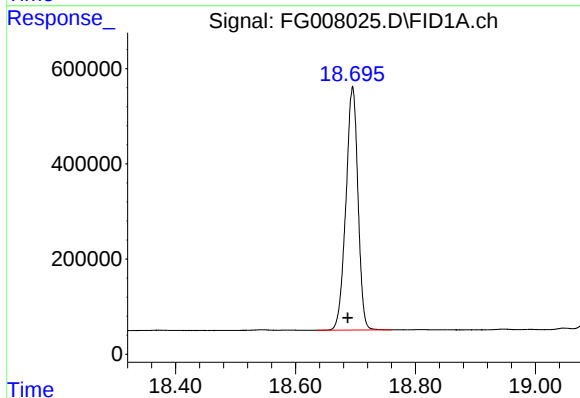
R.T.: 16.971 min
Delta R.T.: 0.006 min
Response: 7071456
Conc: 48.29 ug/ml



#13 N-TRIACONTANE

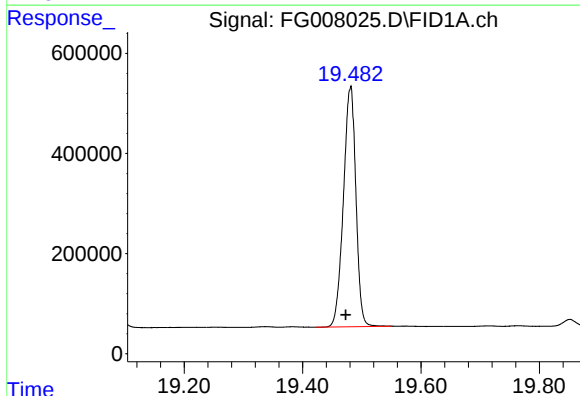
R.T.: 17.861 min
Delta R.T.: 0.007 min
Response: 7158891
Conc: 50.08 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



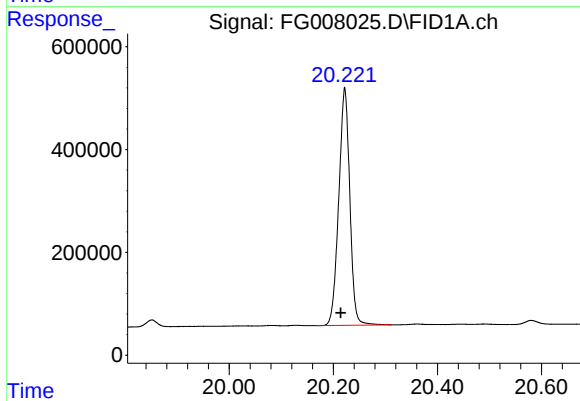
#14 N-DOTRIACONTANE

R.T.: 18.695 min
Delta R.T.: 0.008 min
Response: 7140730
Conc: 52.34 ug/ml



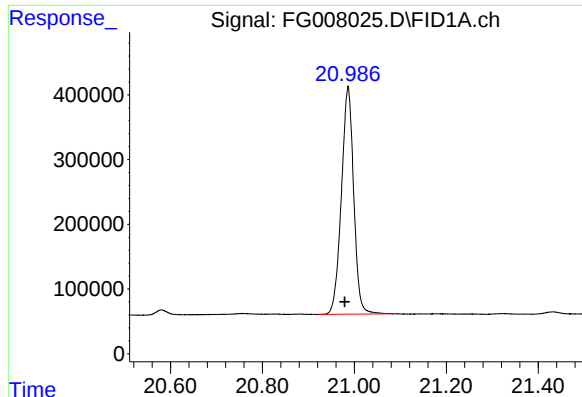
#15 N-TETRATRIACONTANE

R.T.: 19.481 min
Delta R.T.: 0.008 min
Response: 7022033
Conc: 54.63 ug/ml



#16 N-HEXATRIACONTANE

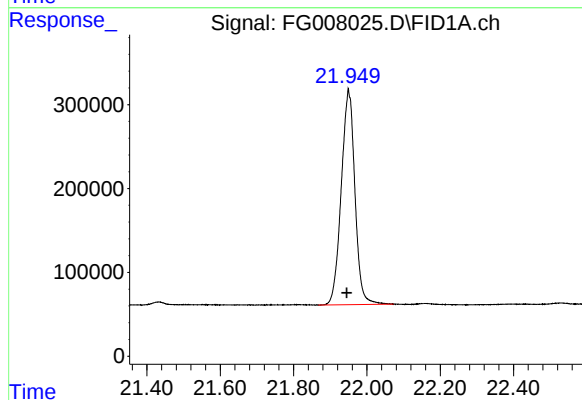
R.T.: 20.222 min
Delta R.T.: 0.008 min
Response: 6804386
Conc: 58.15 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.986 min
Delta R.T.: 0.007 min
Response: 6514664
Conc: 60.16 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.950 min
Delta R.T.: 0.005 min
Response: 6623830
Conc: 60.47 ug/ml