

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052225\
 Data File : FG015886.D
 Signal(s) : FID1A.ch
 Acq On : 21 May 2025 21:33
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 TRPH STD

Integration File: autoint1.e
 Quant Time: May 22 06:10:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:09:12 2025
 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...	14.990	11919038	97.577 ug/ml
Target Compounds			
1) N-OCTANE	1.963	11906150	101.600 ug/ml
2) N-DECANE	4.490	12352750	101.301 ug/ml
3) N-DODECANE	6.674	12697043	100.054 ug/ml
4) N-TETRADECANE	8.511	13035559	98.776 ug/ml
5) N-HEXADECANE	10.125	13303413	98.361 ug/ml
6) N-OCTADECANE	11.573	13656406	98.075 ug/ml
7) N-EICOSANE	12.887	13879006	97.914 ug/ml
8) N-DOCOSANE	14.089	13489260	97.828 ug/ml
10) N-TETRACOSANE	15.197	13450019	97.685 ug/ml
11) N-HEXACOSANE	16.220	13306481	97.489 ug/ml
12) N-OCTACOSANE	17.172	13020729	96.984 ug/ml
13) N-TRIACONTANE	18.062	12996186	96.827 ug/ml
14) N-DOTRIACONTANE	18.895	12323836	95.495 ug/ml
15) N-TETRATRIACONTANE	19.680	11062672	94.107 ug/ml
16) N-HEXATRIACONTANE	20.419	9311398	91.624 ug/ml
17) N-OCTATRIACONTANE	21.155	8040260	87.960 ug/ml
18) N-TETRACONTANE	22.069	7192252	85.029 ug/ml

(f)=RT Delta > 1/2 Window

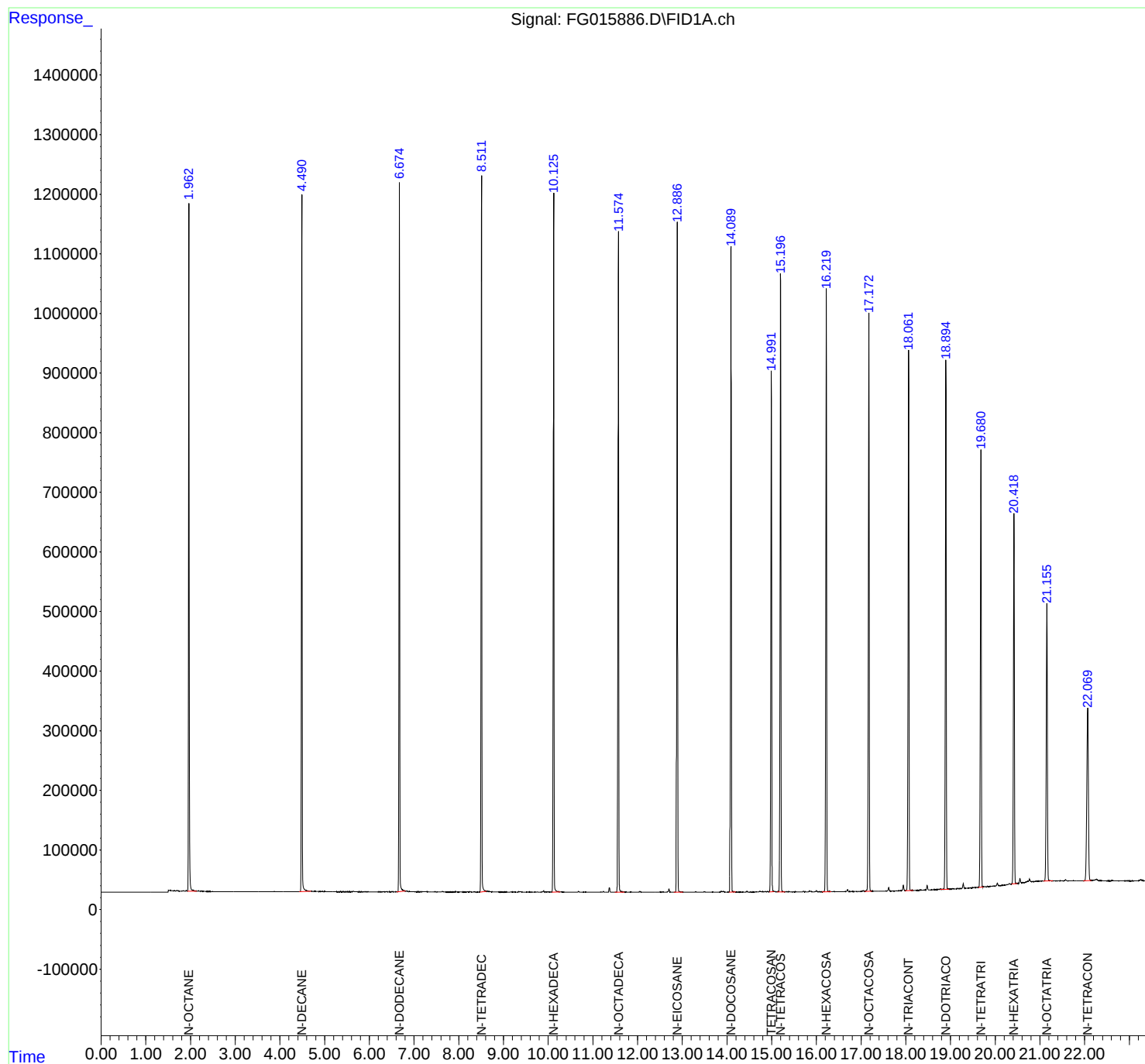
(m)=manual int.

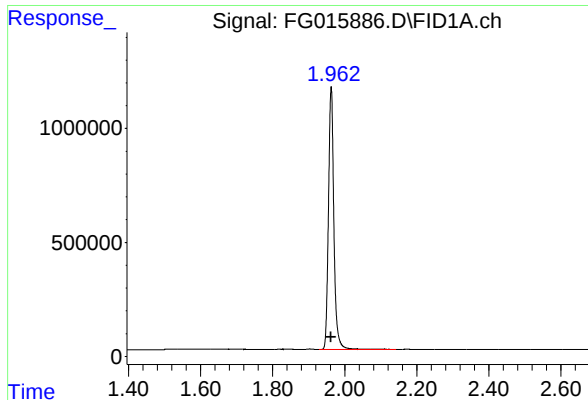
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

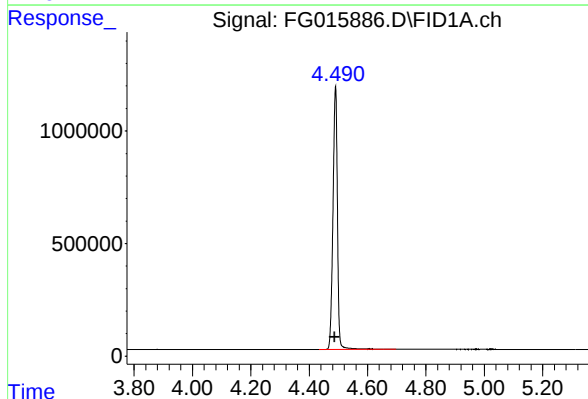




#1 N-OCTANE

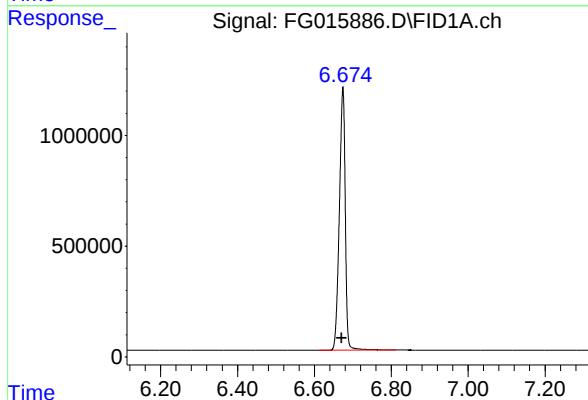
R.T.: 1.963 min
Delta R.T.: 0.000 min
Response: 11906150
Conc: 101.60 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



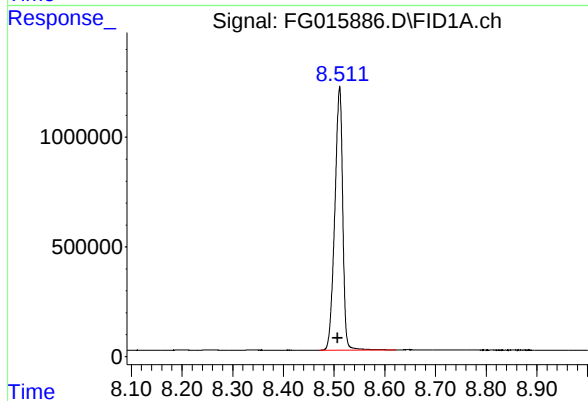
#2 N-DECANE

R.T.: 4.490 min
Delta R.T.: 0.003 min
Response: 12352750
Conc: 101.30 ug/ml



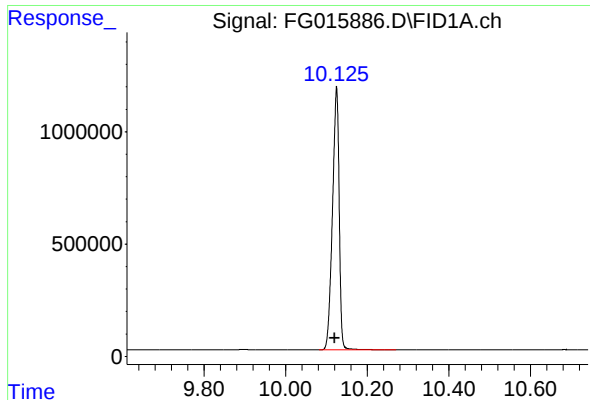
#3 N-DODECANE

R.T.: 6.674 min
Delta R.T.: 0.004 min
Response: 12697043
Conc: 100.05 ug/ml



#4 N-TETRADECANE

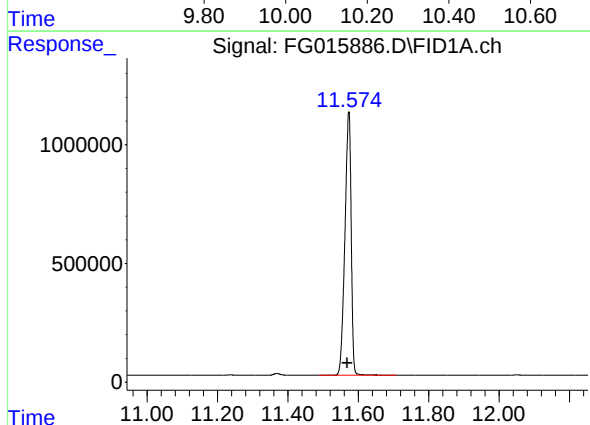
R.T.: 8.511 min
Delta R.T.: 0.004 min
Response: 13035559
Conc: 98.78 ug/ml



#5 N-HEXADECANE

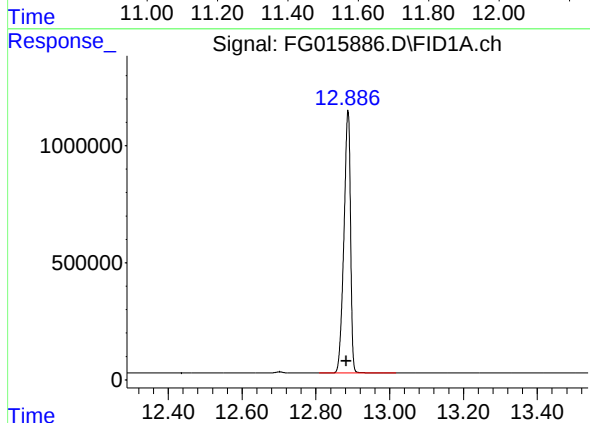
R.T.: 10.125 min
Delta R.T.: 0.005 min
Response: 13303413
Conc: 98.36 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



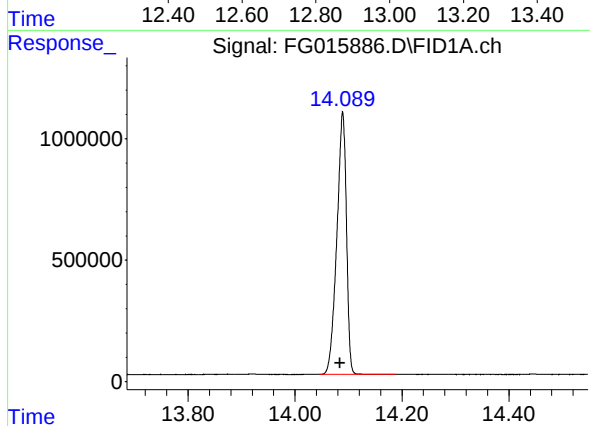
#6 N-OCTADECANE

R.T.: 11.573 min
Delta R.T.: 0.005 min
Response: 13656406
Conc: 98.07 ug/ml



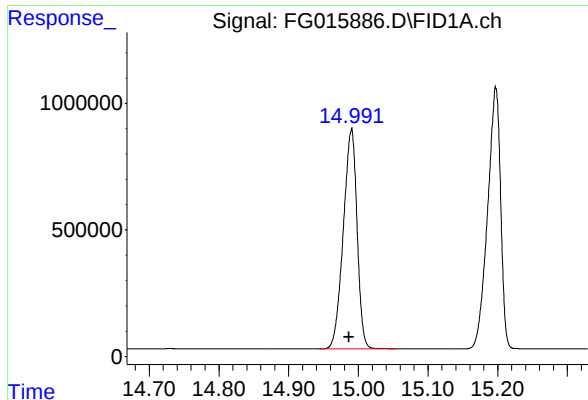
#7 N-EICOSANE

R.T.: 12.887 min
Delta R.T.: 0.005 min
Response: 13879006
Conc: 97.91 ug/ml



#8 N-DOCOSANE

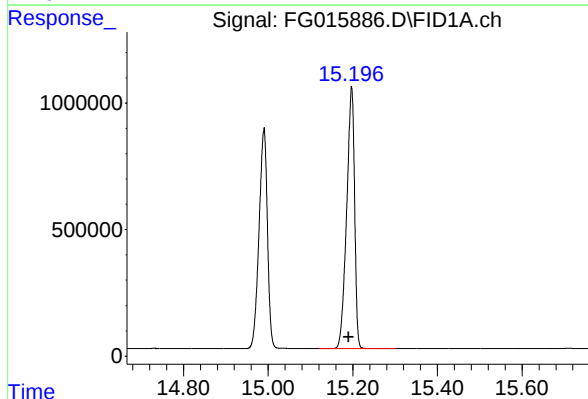
R.T.: 14.089 min
Delta R.T.: 0.005 min
Response: 13489260
Conc: 97.83 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

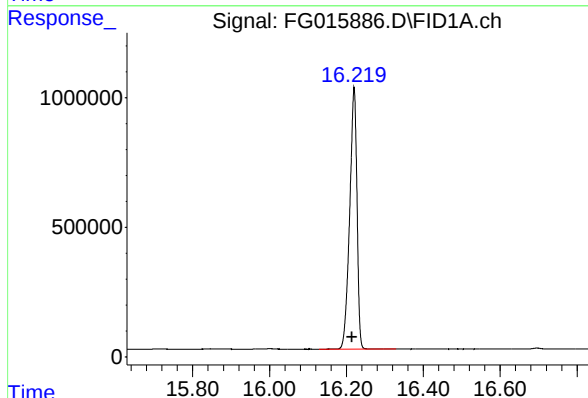
R.T.: 14.990 min
Delta R.T.: 0.004 min
Response: 11919038
Conc: 97.58 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



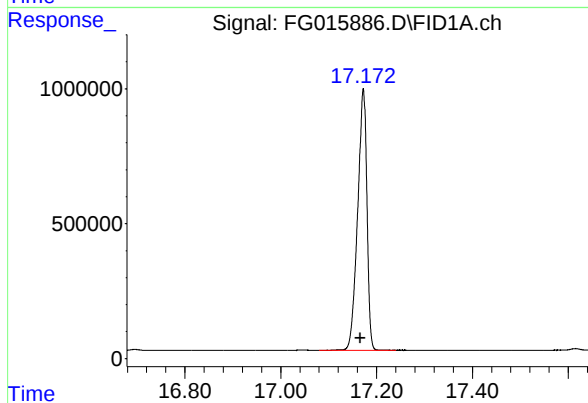
#10 N-TETRACOSANE

R.T.: 15.197 min
Delta R.T.: 0.007 min
Response: 13450019
Conc: 97.69 ug/ml



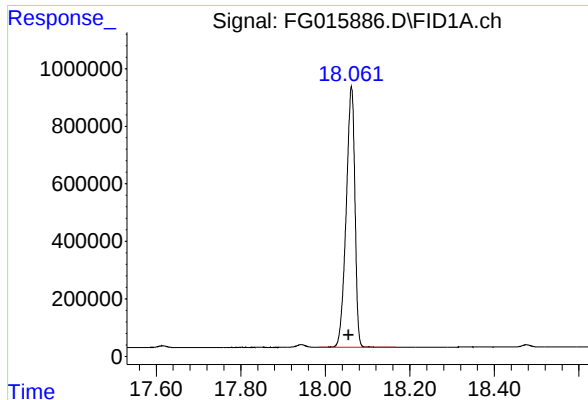
#11 N-HEXACOSANE

R.T.: 16.220 min
Delta R.T.: 0.005 min
Response: 13306481
Conc: 97.49 ug/ml



#12 N-OCTACOSANE

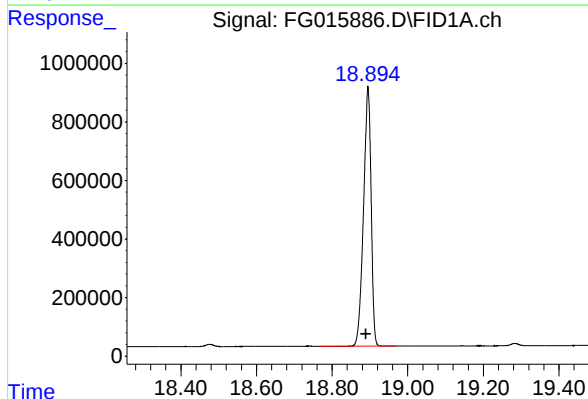
R.T.: 17.172 min
Delta R.T.: 0.006 min
Response: 13020729
Conc: 96.98 ug/ml



#13 N-TRIACONTANE

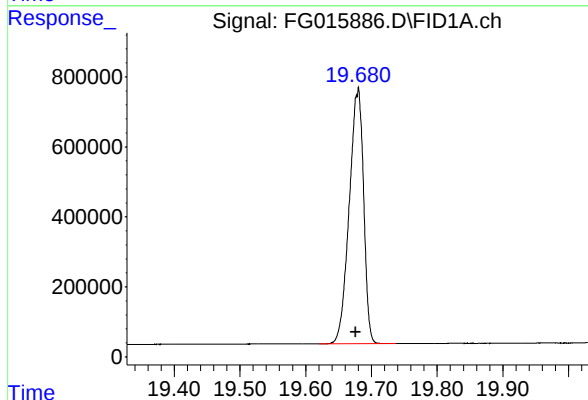
R.T.: 18.062 min
Delta R.T.: 0.007 min
Response: 12996186
Conc: 96.83 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



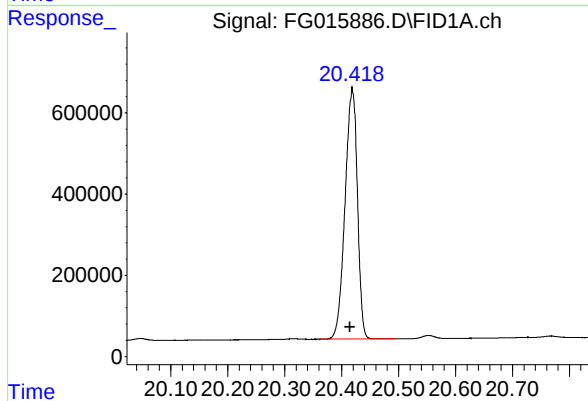
#14 N-DOTRIACONTANE

R.T.: 18.895 min
Delta R.T.: 0.005 min
Response: 12323836
Conc: 95.49 ug/ml



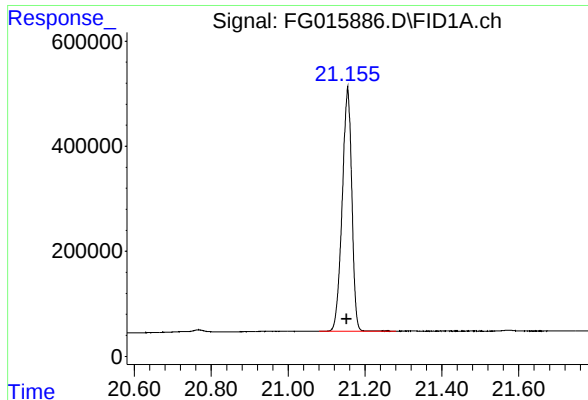
#15 N-TETRATRIACONTANE

R.T.: 19.680 min
Delta R.T.: 0.004 min
Response: 11062672
Conc: 94.11 ug/ml



#16 N-HEXATRIACONTANE

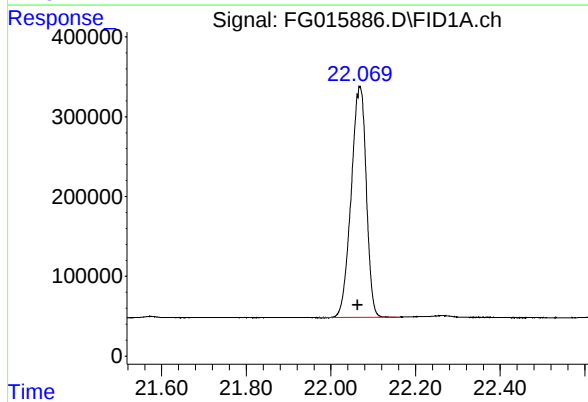
R.T.: 20.419 min
Delta R.T.: 0.004 min
Response: 9311398
Conc: 91.62 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.155 min
Delta R.T.: 0.003 min
Response: 8040260
Conc: 87.96 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.069 min
Delta R.T.: 0.005 min
Response: 7192252
Conc: 85.03 ug/ml