

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032725\
 Data File : FG015564.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 08:56
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 TRPH STD

Integration File: autoint1.e
 Quant Time: Mar 27 10:11:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 10:10:17 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...	15.028	11585120	100.977 ug/ml
Target Compounds			
1) N-OCTANE	1.989	11663185	98.288 ug/ml
2) N-DECANE	4.524	12021702	98.491 ug/ml
3) N-DODECANE	6.707	12455066	98.356 ug/ml
4) N-TETRADECANE	8.545	12767816	98.423 ug/ml
5) N-HEXADECANE	10.159	12974788	99.025 ug/ml
6) N-OCTADECANE	11.609	13298309	99.535 ug/ml
7) N-EICOSANE	12.923	13509187	100.208 ug/ml
8) N-DOCOSANE	14.127	13132063	100.755 ug/ml
10) N-TETRACOSANE	15.234	13093665	101.506 ug/ml
11) N-HEXACOSANE	16.256	12954998	102.301 ug/ml
12) N-OCTACOSANE	17.209	12682958	102.902 ug/ml
13) N-TRIACONTANE	18.099	12604784	103.340 ug/ml
14) N-DOTRIACONTANE	18.932	11983496	105.353 ug/ml
15) N-TETRATRIACONTANE	19.718	10989910	110.987 ug/ml
16) N-HEXATRIACONTANE	20.458	9695272	119.457 ug/ml
17) N-OCTATRIACONTANE	21.201	8711743	127.927 ug/ml
18) N-TETRACONTANE	22.131	7971160	135.353 ug/ml

(f)=RT Delta > 1/2 Window

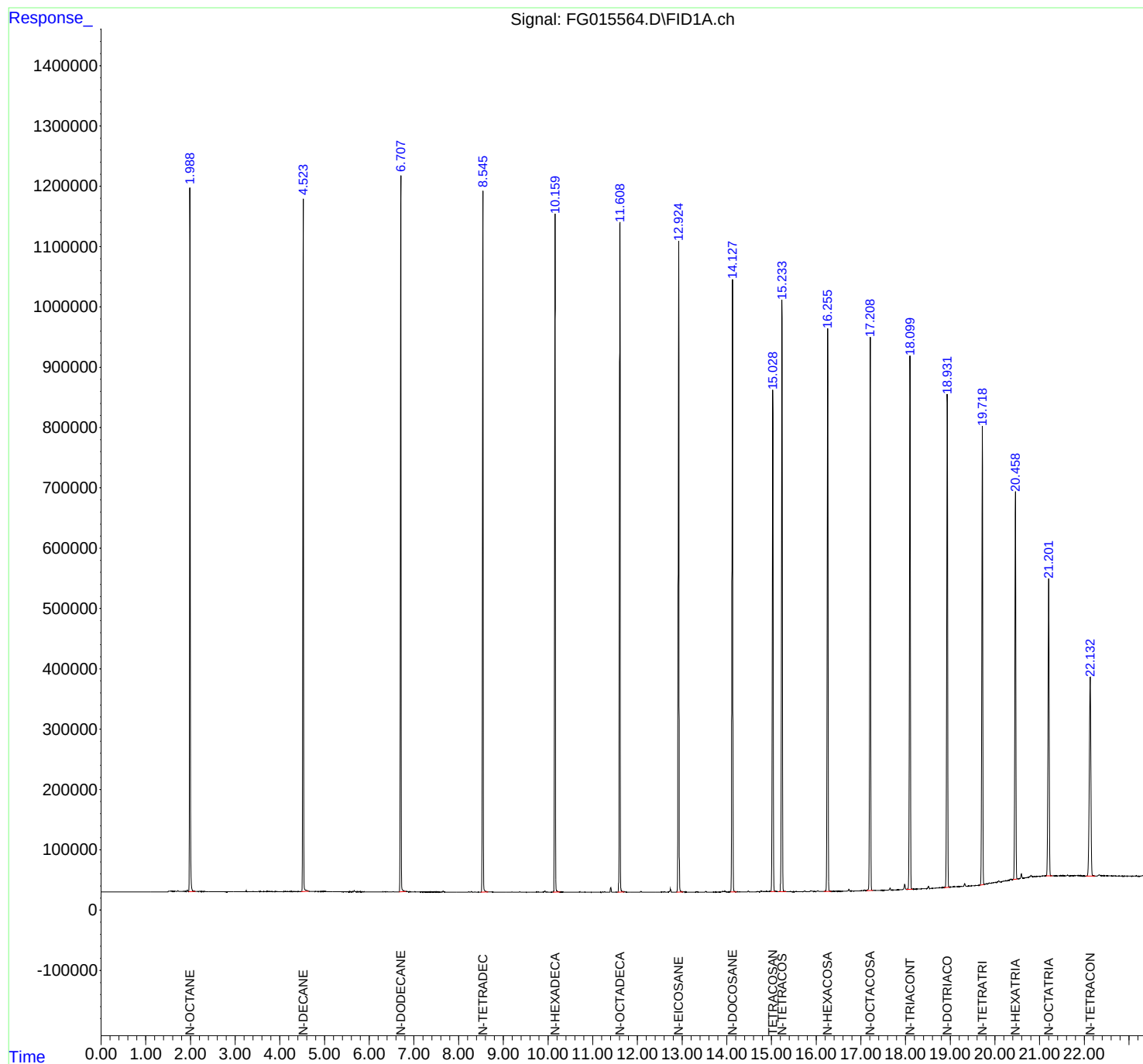
(m)=manual int.

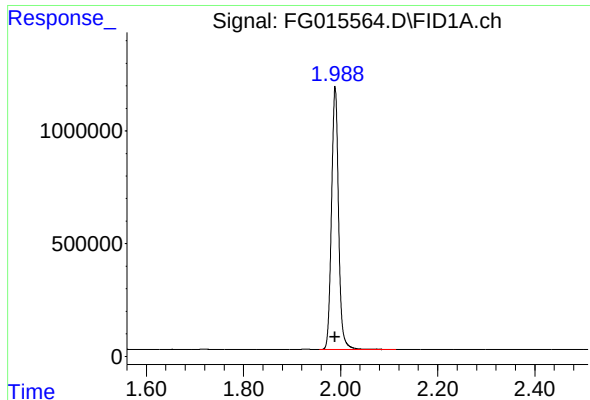
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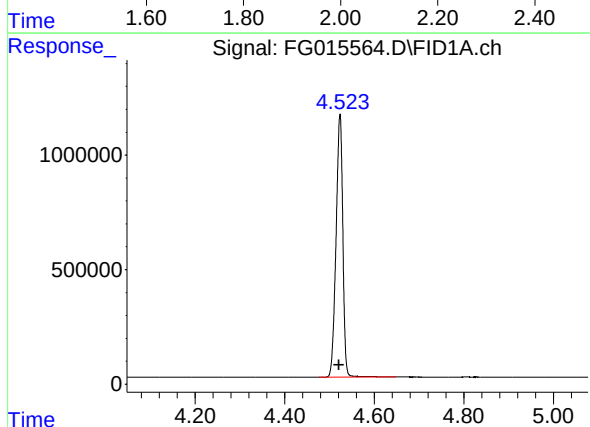




#1 N-OCTANE

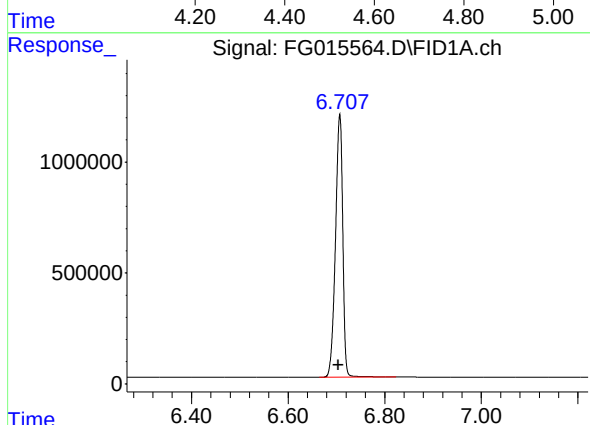
R.T.: 1.989 min
Delta R.T.: 0.000 min
Response: 11663185
Conc: 98.29 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



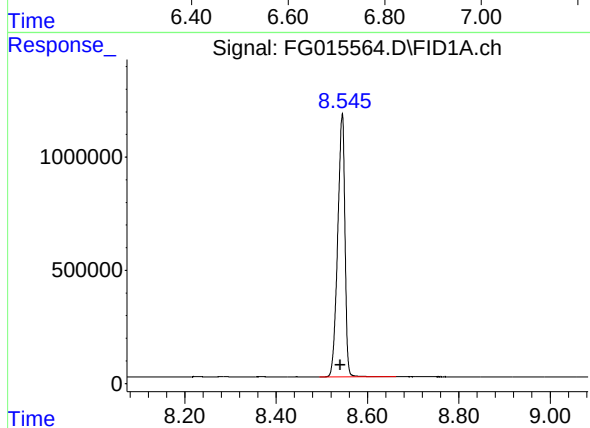
#2 N-DECANE

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 12021702
Conc: 98.49 ug/ml



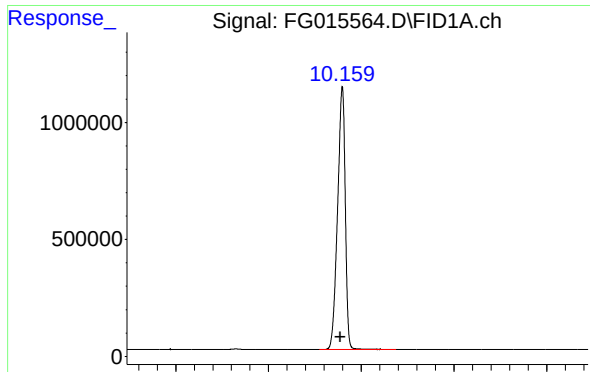
#3 N-DODECANE

R.T.: 6.707 min
Delta R.T.: 0.003 min
Response: 12455066
Conc: 98.36 ug/ml



#4 N-TETRADECANE

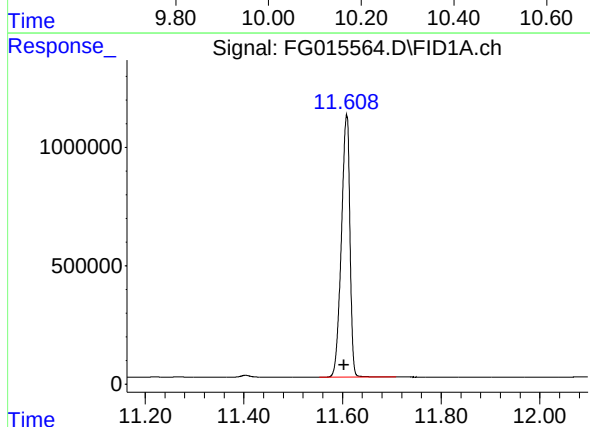
R.T.: 8.545 min
Delta R.T.: 0.005 min
Response: 12767816
Conc: 98.42 ug/ml



#5 N-HEXADECANE

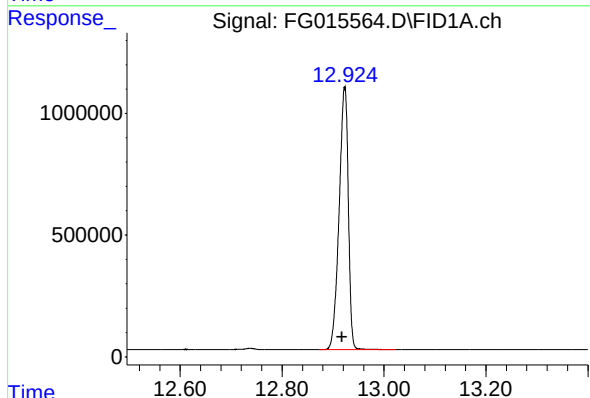
R.T.: 10.159 min
Delta R.T.: 0.004 min
Response: 12974788
Conc: 99.02 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



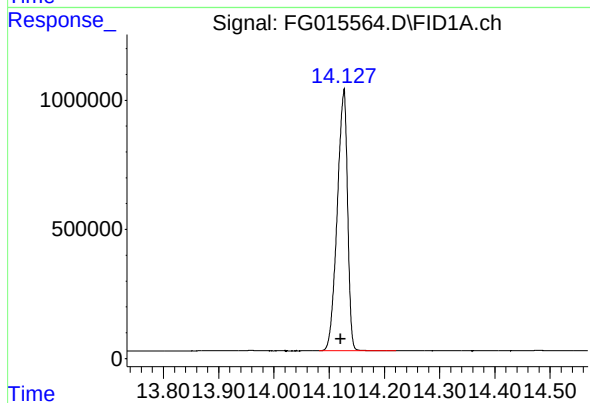
#6 N-OCTADECANE

R.T.: 11.609 min
Delta R.T.: 0.006 min
Response: 13298309
Conc: 99.53 ug/ml



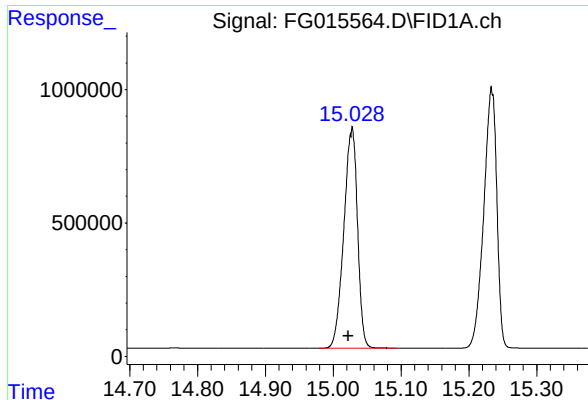
#7 N-EICOSANE

R.T.: 12.923 min
Delta R.T.: 0.005 min
Response: 13509187
Conc: 100.21 ug/ml



#8 N-DOCOSANE

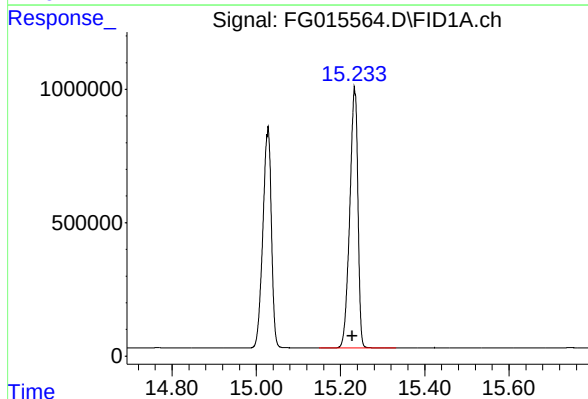
R.T.: 14.127 min
Delta R.T.: 0.006 min
Response: 13132063
Conc: 100.76 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

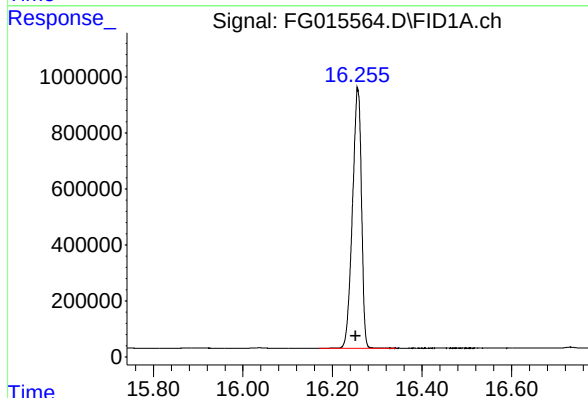
R.T.: 15.028 min
Delta R.T.: 0.006 min
Response: 11585120
Conc: 100.98 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



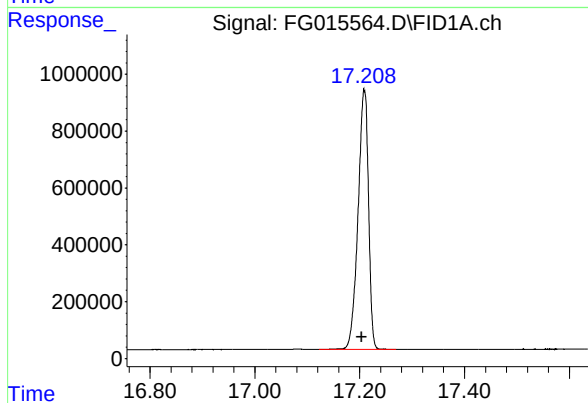
#10 N-TETRACOSANE

R.T.: 15.234 min
Delta R.T.: 0.006 min
Response: 13093665
Conc: 101.51 ug/ml



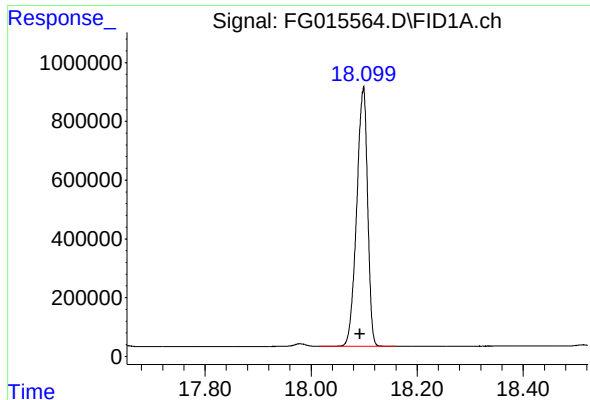
#11 N-HEXACOSANE

R.T.: 16.256 min
Delta R.T.: 0.005 min
Response: 12954998
Conc: 102.30 ug/ml



#12 N-OCTACOSANE

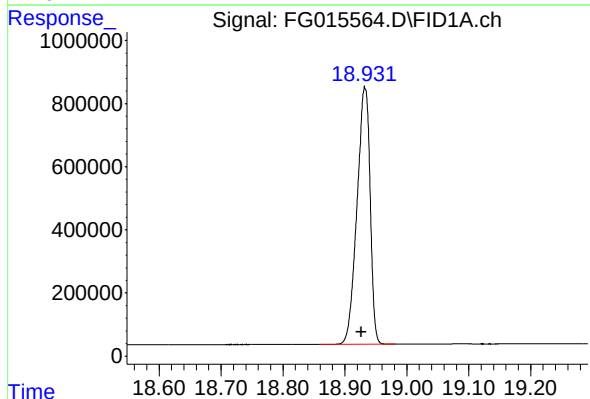
R.T.: 17.209 min
Delta R.T.: 0.005 min
Response: 12682958
Conc: 102.90 ug/ml



#13 N-TRIACONTANE

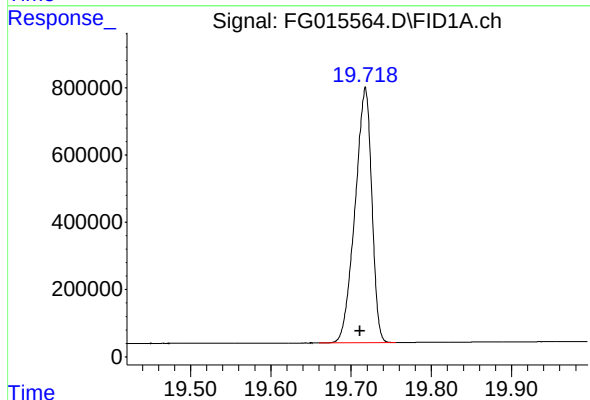
R.T.: 18.099 min
Delta R.T.: 0.006 min
Response: 12604784
Conc: 103.34 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



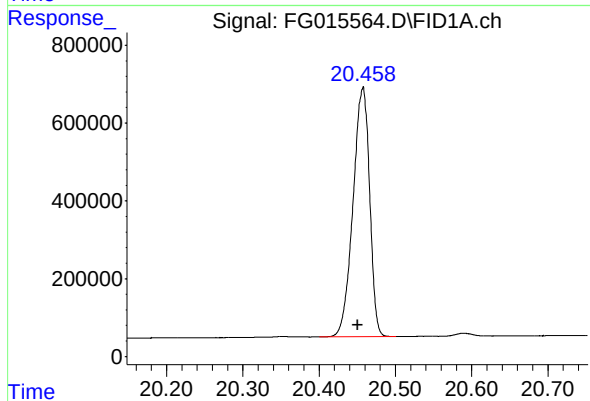
#14 N-DOTRIACONTANE

R.T.: 18.932 min
Delta R.T.: 0.006 min
Response: 11983496
Conc: 105.35 ug/ml



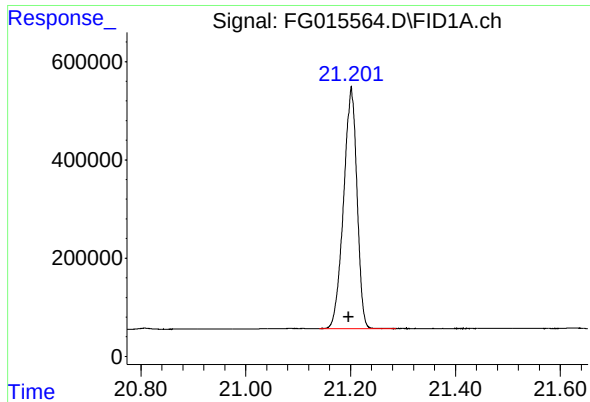
#15 N-TETRATRIACONTANE

R.T.: 19.718 min
Delta R.T.: 0.007 min
Response: 10989910
Conc: 110.99 ug/ml



#16 N-HEXATRIACONTANE

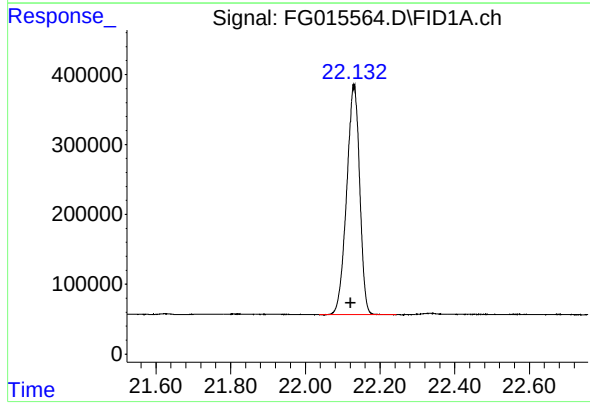
R.T.: 20.458 min
Delta R.T.: 0.007 min
Response: 9695272
Conc: 119.46 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.201 min
Delta R.T.: 0.005 min
Response: 8711743
Conc: 127.93 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.131 min
Delta R.T.: 0.009 min
Response: 7971160
Conc: 135.35 ug/ml