

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070125\
 Data File : FG016193.D
 Signal(s) : FID1A.ch
 Acq On : 01 Jul 2025 08:58
 Operator : YP\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: Jul 02 01:17:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
 Quant Title :
 QLast Update : Fri Jun 13 12:34:28 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...	15.202	5809102	49.523 ug/ml
Target Compounds			
1) N-OCTANE	2.126	6234763	50.567 ug/ml
2) N-DECANE	4.674	6422957	51.194 ug/ml
3) N-DODECANE	6.856	6529436	51.170 ug/ml
4) N-TETRADECANE	8.697	6543687	50.706 ug/ml
5) N-HEXADECANE	10.316	6575185	50.376 ug/ml
6) N-OCTADECANE	11.769	6713388	50.129 ug/ml
7) N-EICOSANE	13.089	6742602	49.842 ug/ml
8) N-DOCOSANE	14.297	6550656	49.687 ug/ml
10) N-TETRACOSANE	15.407	6510118	49.420 ug/ml
11) N-HEXACOSANE	16.434	6400919	48.897 ug/ml
12) N-OCTACOSANE	17.391	6252987	48.403 ug/ml
13) N-TRIACONTANE	18.283	6175179	47.771 ug/ml
14) N-DOTRIACONTANE	19.121	5867264	47.233 ug/ml
15) N-TETRATRIACONTANE	19.908	5365251	48.804 ug/ml
16) N-HEXATRIACONTANE	20.651	4792711	51.961 ug/ml
17) N-OCTATRIACONTANE	21.441	4444247	56.458 ug/ml
18) N-TETRACONTANE	22.444	4189448	59.603 ug/ml

(f)=RT Delta > 1/2 Window

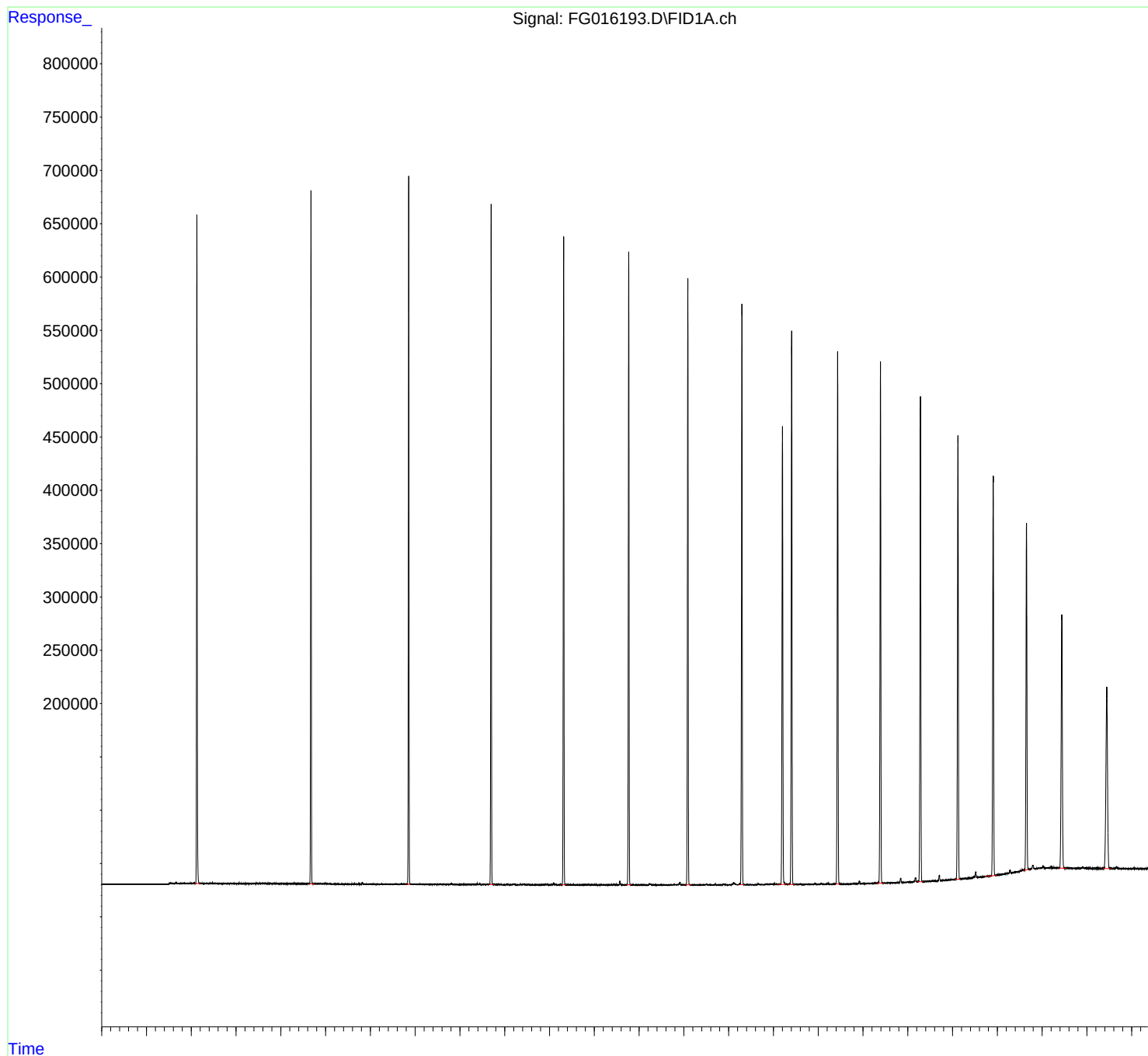
(m)=manual int.

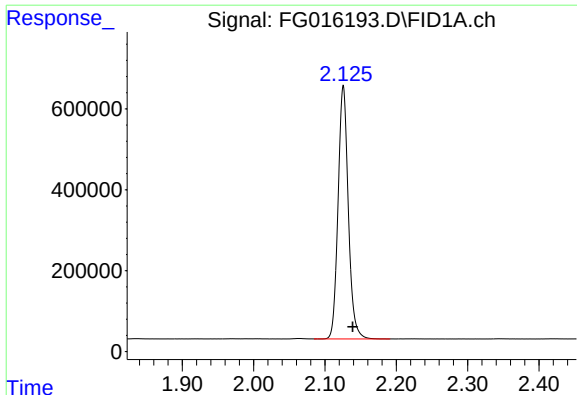
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Signal Info : 20mx0.18mmx0.18um

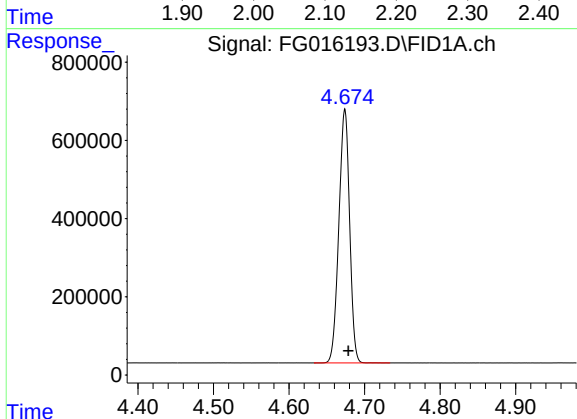




#1 N-OCTANE

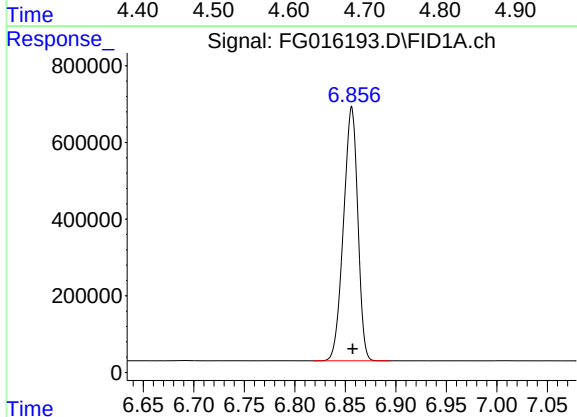
R.T.: 2.126 min
Delta R.T.: -0.013 min
Response: 6234763
Conc: 50.57 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



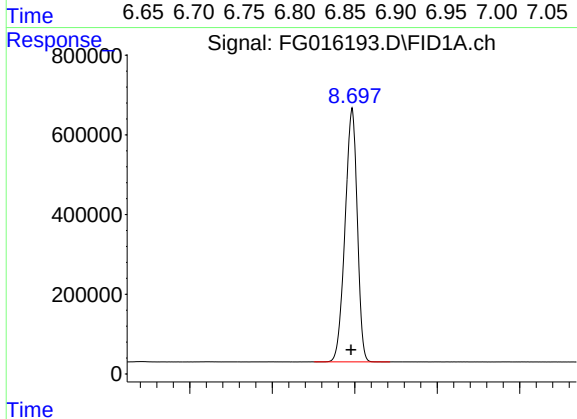
#2 N-DECANE

R.T.: 4.674 min
Delta R.T.: -0.005 min
Response: 6422957
Conc: 51.19 ug/ml



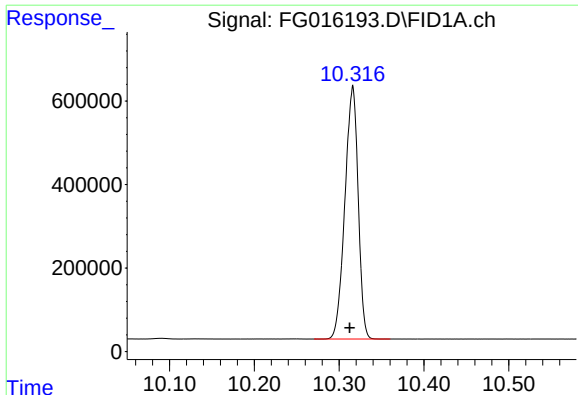
#3 N-DODECANE

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 6529436
Conc: 51.17 ug/ml



#4 N-TETRADECANE

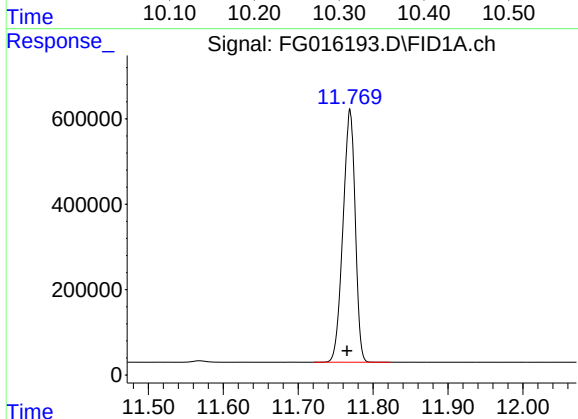
R.T.: 8.697 min
Delta R.T.: 0.001 min
Response: 6543687
Conc: 50.71 ug/ml



#5 N-HEXADECANE

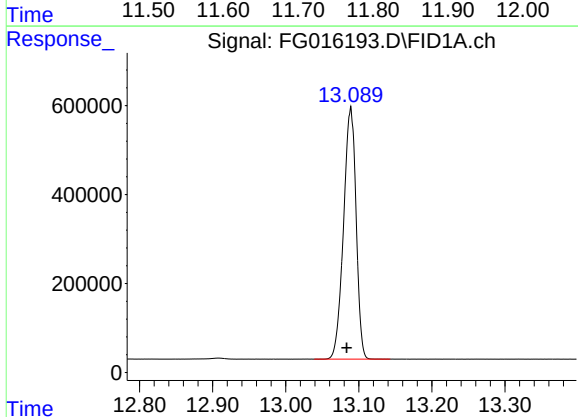
R.T.: 10.316 min
Delta R.T.: 0.004 min
Response: 6575185
Conc: 50.38 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



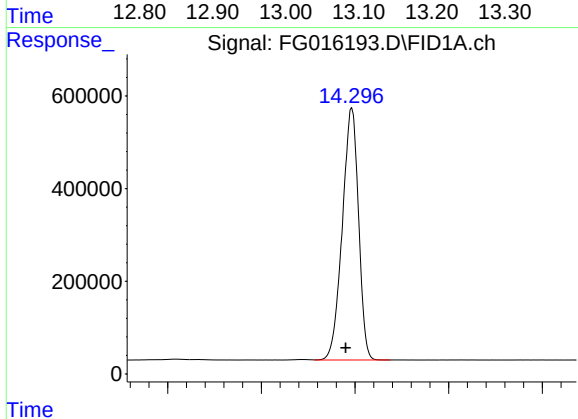
#6 N-OCTADECANE

R.T.: 11.769 min
Delta R.T.: 0.004 min
Response: 6713388
Conc: 50.13 ug/ml



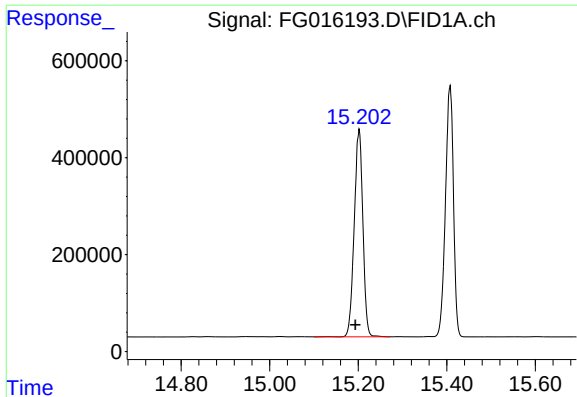
#7 N-EICOSANE

R.T.: 13.089 min
Delta R.T.: 0.006 min
Response: 6742602
Conc: 49.84 ug/ml



#8 N-DOCOSANE

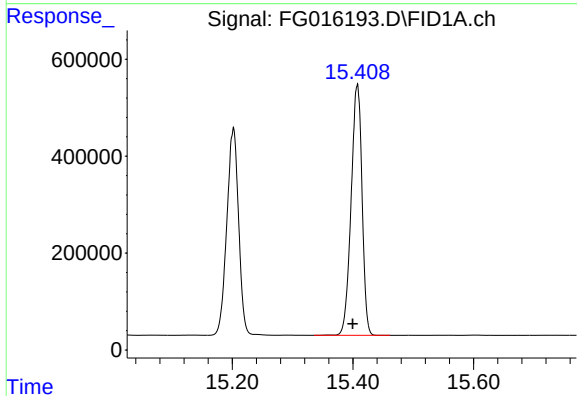
R.T.: 14.297 min
Delta R.T.: 0.006 min
Response: 6550656
Conc: 49.69 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

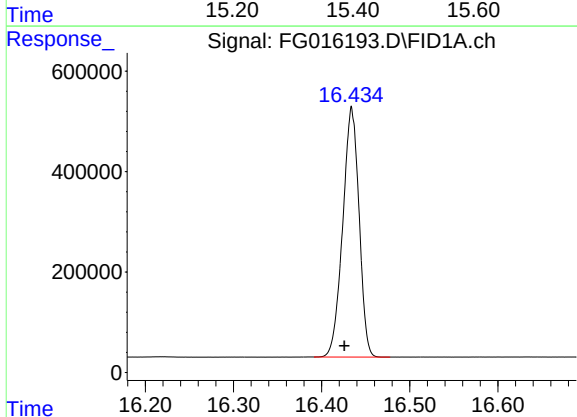
R.T.: 15.202 min
Delta R.T.: 0.008 min
Response: 5809102
Conc: 49.52 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



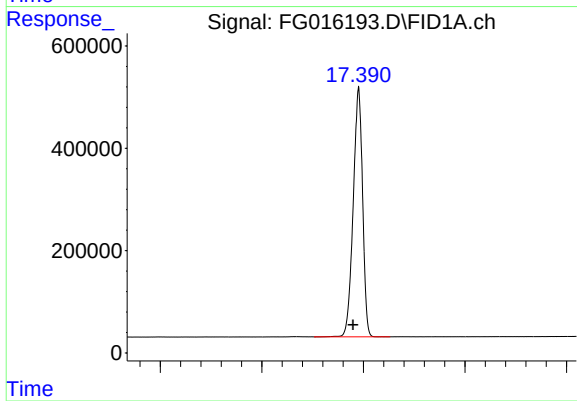
#10 N-TETRACOSANE

R.T.: 15.407 min
Delta R.T.: 0.008 min
Response: 6510118
Conc: 49.42 ug/ml



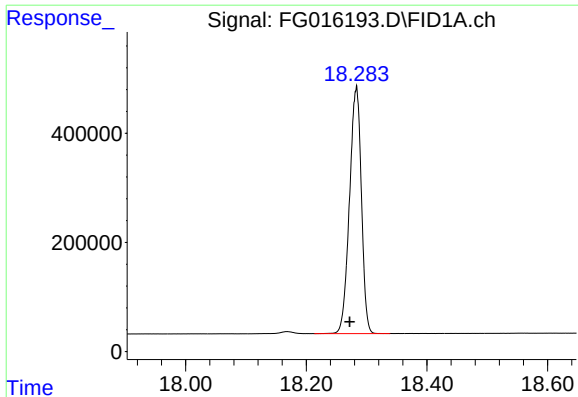
#11 N-HEXACOSANE

R.T.: 16.434 min
Delta R.T.: 0.008 min
Response: 6400919
Conc: 48.90 ug/ml



#12 N-OCTACOSANE

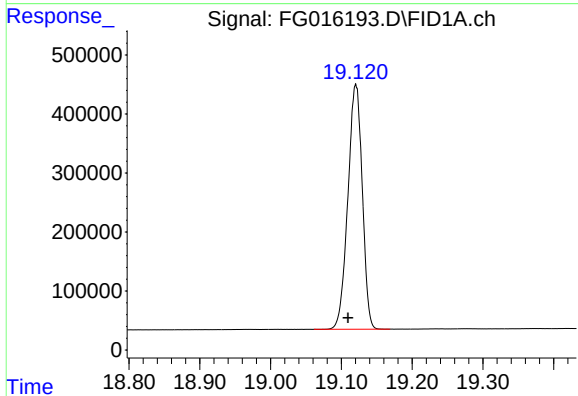
R.T.: 17.391 min
Delta R.T.: 0.011 min
Response: 6252987
Conc: 48.40 ug/ml



#13 N-TRIACONTANE

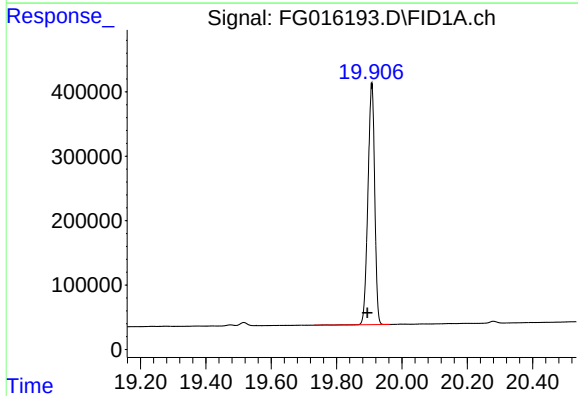
R.T.: 18.283 min
Delta R.T.: 0.011 min
Response: 6175179
Conc: 47.77 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



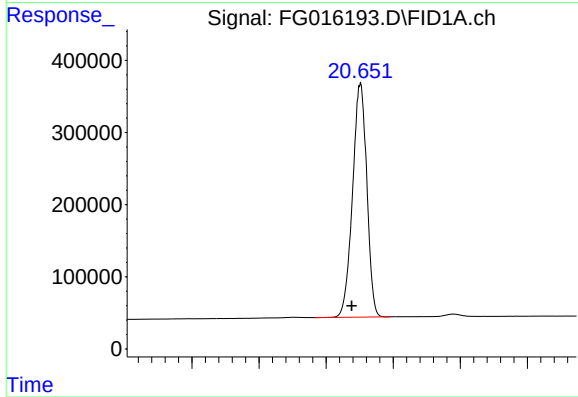
#14 N-DOTRIACONTANE

R.T.: 19.121 min
Delta R.T.: 0.011 min
Response: 5867264
Conc: 47.23 ug/ml



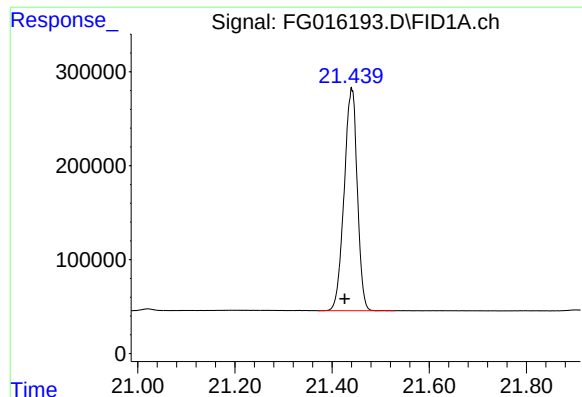
#15 N-TETRATRIACONTANE

R.T.: 19.908 min
Delta R.T.: 0.013 min
Response: 5365251
Conc: 48.80 ug/ml



#16 N-HEXATRIACONTANE

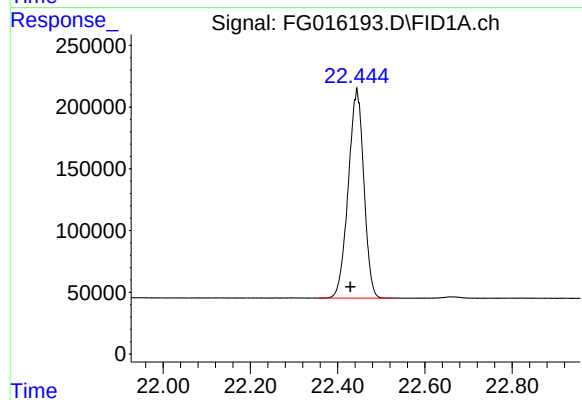
R.T.: 20.651 min
Delta R.T.: 0.013 min
Response: 4792711
Conc: 51.96 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.441 min
Delta R.T.: 0.014 min
Response: 4444247
Conc: 56.46 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.444 min
Delta R.T.: 0.015 min
Response: 4189448
Conc: 59.60 ug/ml