

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082725\
 Data File : FG016425.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 17:37
 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: Aug 28 04:24:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.191	4983235	52.304 ug/ml
Target Compounds			
1) N-OCTANE	2.110	5419902	51.074 ug/ml
2) N-DECANE	4.658	5650602	52.289 ug/ml
3) N-DODECANE	6.841	5705707	52.501 ug/ml
4) N-TETRADECANE	8.683	5750207	52.590 ug/ml
5) N-HEXADECANE	10.302	5716705	52.593 ug/ml
6) N-OCTADECANE	11.757	5810607	52.530 ug/ml
7) N-EICOSANE	13.077	5912033	52.307 ug/ml
8) N-DOCOSANE	14.285	5712646	52.000 ug/ml
10) N-TETRACOSANE	15.396	5674724	51.790 ug/ml
11) N-HEXACOSANE	16.425	5496848	51.397 ug/ml
12) N-OCTACOSANE	17.382	5516562	51.206 ug/ml
13) N-TRIACONTANE	18.275	5564712	51.072 ug/ml
14) N-DOTRIACONTANE	19.114	5412655	51.387 ug/ml
15) N-TETRATRIACONTANE	19.901	4905450	51.481 ug/ml
16) N-HEXATRIACONTANE	20.645	2497603	33.426 ug/ml
17) N-OCTATRIACONTANE	21.433	1937564	32.315 ug/ml
18) N-TETRACONTANE	22.435	3018009	71.803 ug/ml

(f)=RT Delta > 1/2 Window

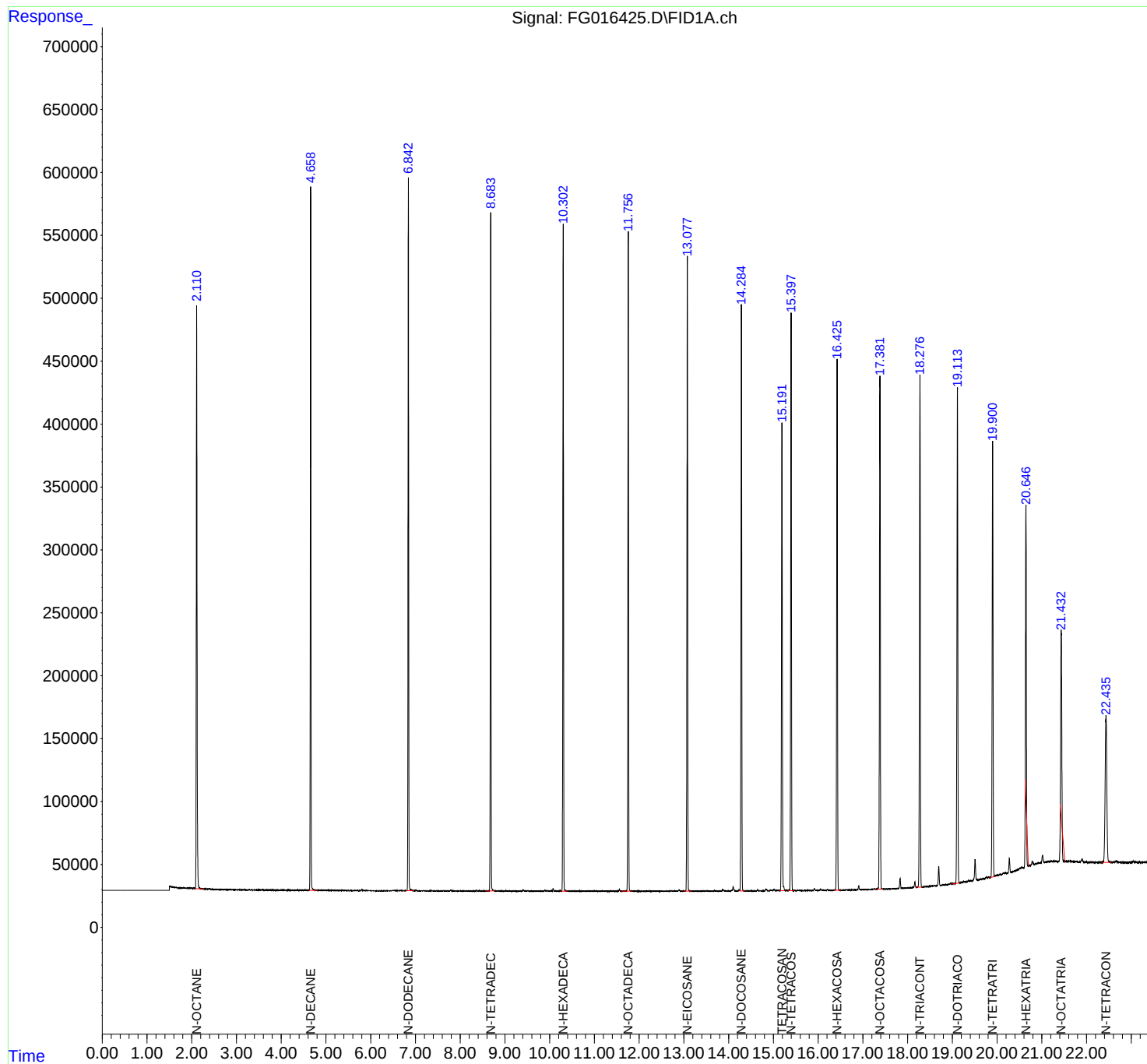
(m)=manual int.

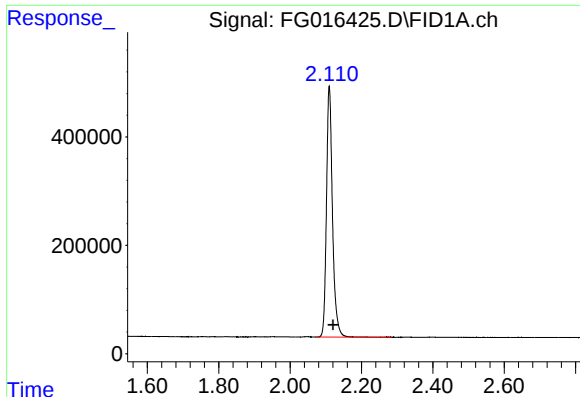
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

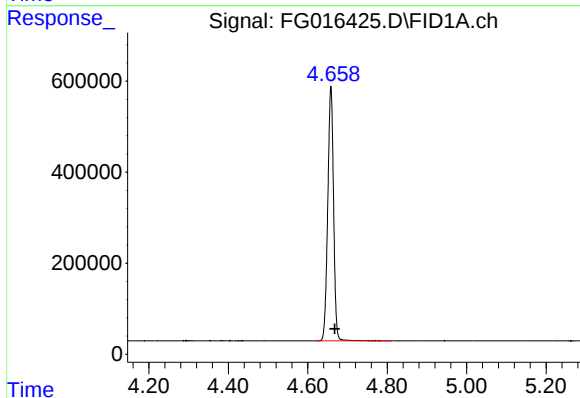




#1 N-OCTANE

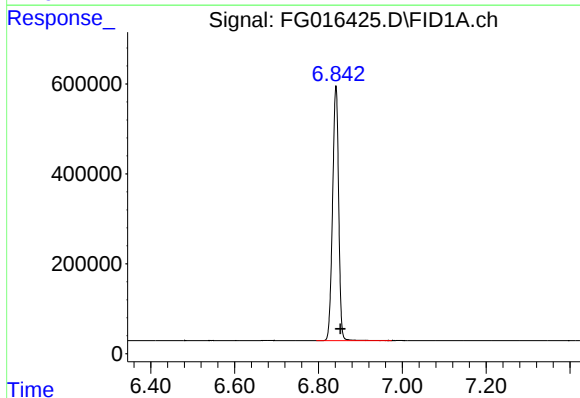
R.T.: 2.110 min
Delta R.T.: -0.010 min
Response: 5419902
Conc: 51.07 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



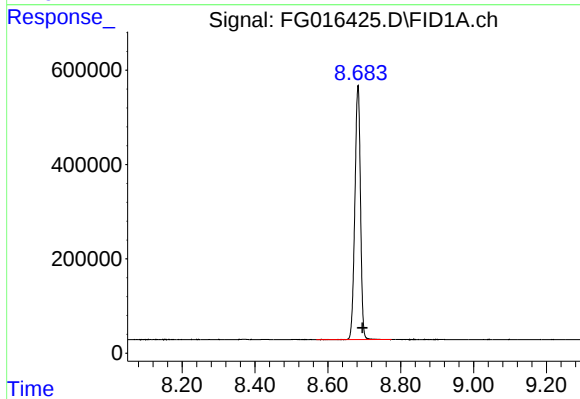
#2 N-DECANE

R.T.: 4.658 min
Delta R.T.: -0.010 min
Response: 5650602
Conc: 52.29 ug/ml



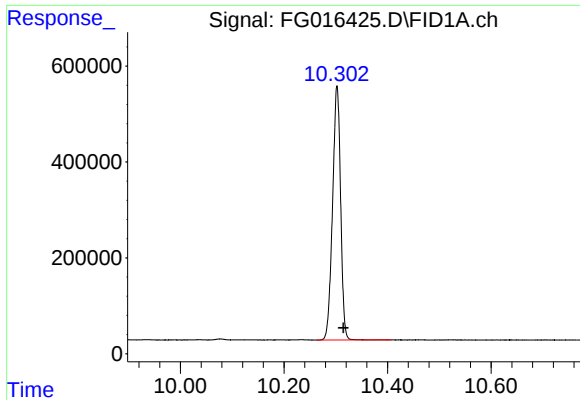
#3 N-DODECANE

R.T.: 6.841 min
Delta R.T.: -0.011 min
Response: 5705707
Conc: 52.50 ug/ml



#4 N-TETRADECANE

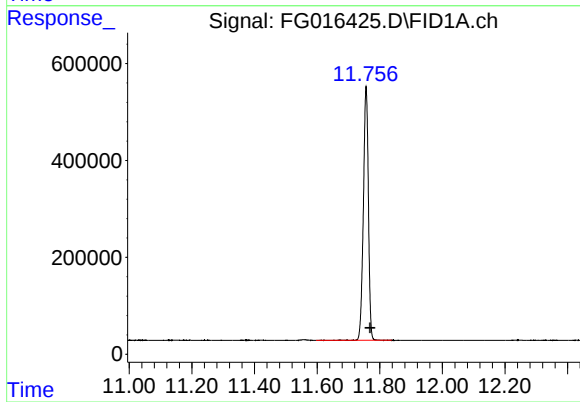
R.T.: 8.683 min
Delta R.T.: -0.012 min
Response: 5750207
Conc: 52.59 ug/ml



#5 N-HEXADECANE

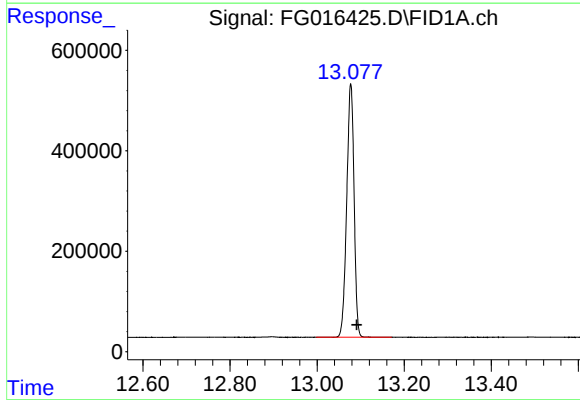
R.T.: 10.302 min
Delta R.T.: -0.012 min
Response: 5716705
Conc: 52.59 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



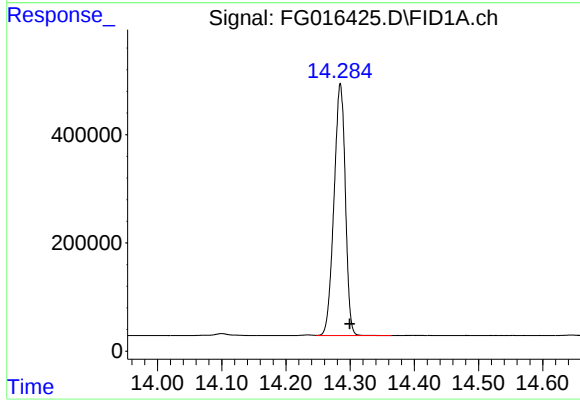
#6 N-OCTADECANE

R.T.: 11.757 min
Delta R.T.: -0.013 min
Response: 5810607
Conc: 52.53 ug/ml



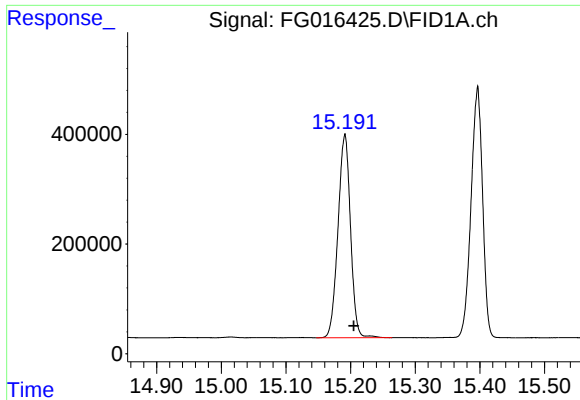
#7 N-EICOSANE

R.T.: 13.077 min
Delta R.T.: -0.013 min
Response: 5912033
Conc: 52.31 ug/ml



#8 N-DOCOSANE

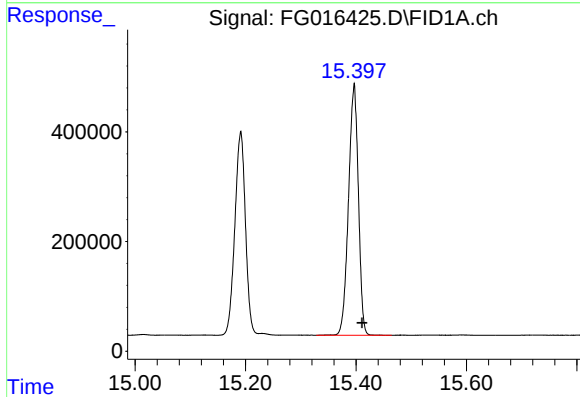
R.T.: 14.285 min
Delta R.T.: -0.015 min
Response: 5712646
Conc: 52.00 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

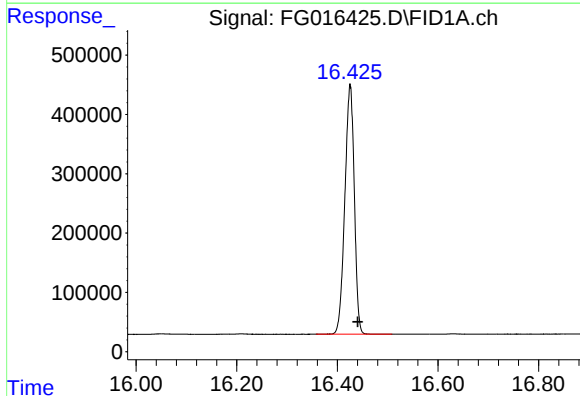
R.T.: 15.191 min
Delta R.T.: -0.014 min
Response: 4983235
Conc: 52.30 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



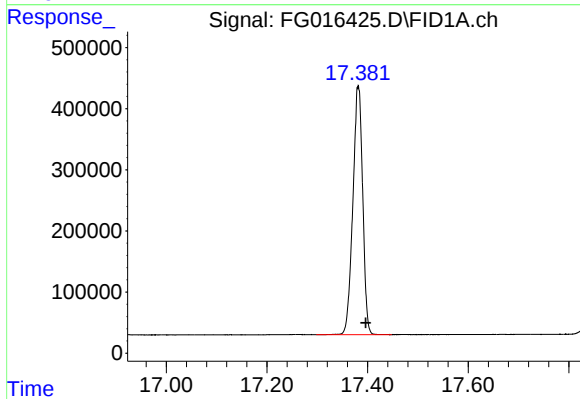
#10 N-TETRACOSANE

R.T.: 15.396 min
Delta R.T.: -0.015 min
Response: 5674724
Conc: 51.79 ug/ml



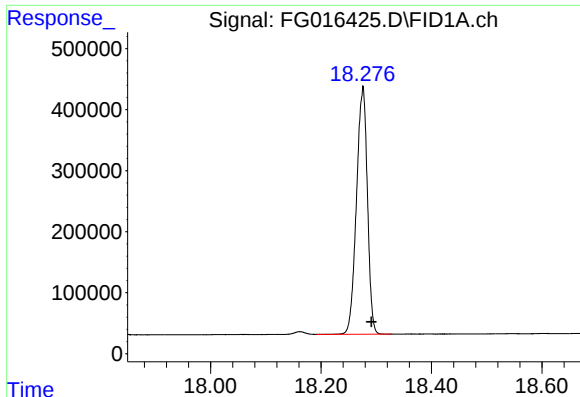
#11 N-HEXACOSANE

R.T.: 16.425 min
Delta R.T.: -0.015 min
Response: 5496848
Conc: 51.40 ug/ml



#12 N-OCTACOSANE

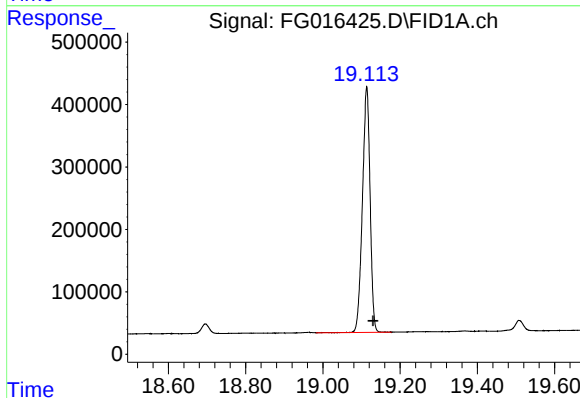
R.T.: 17.382 min
Delta R.T.: -0.015 min
Response: 5516562
Conc: 51.21 ug/ml



#13 N-TRIACONTANE

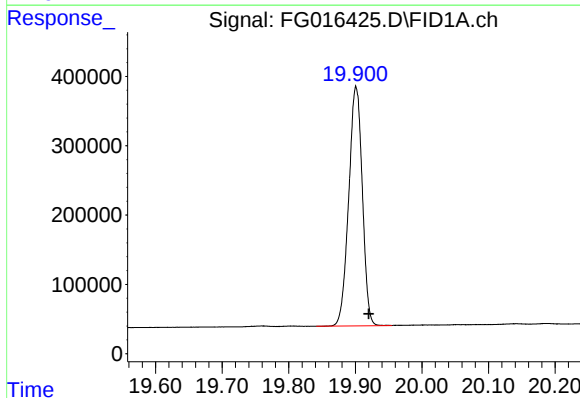
R.T.: 18.275 min
Delta R.T.: -0.016 min
Response: 5564712
Conc: 51.07 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



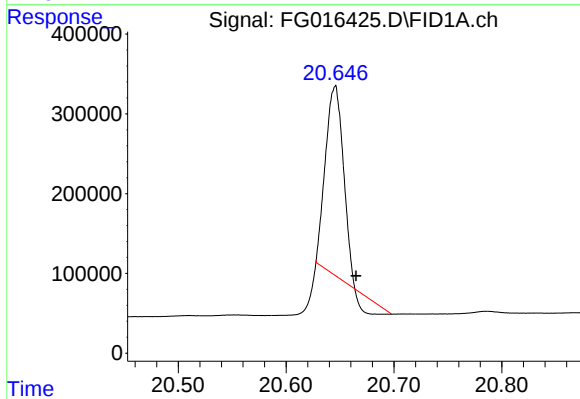
#14 N-DOTRIACONTANE

R.T.: 19.114 min
Delta R.T.: -0.017 min
Response: 5412655
Conc: 51.39 ug/ml



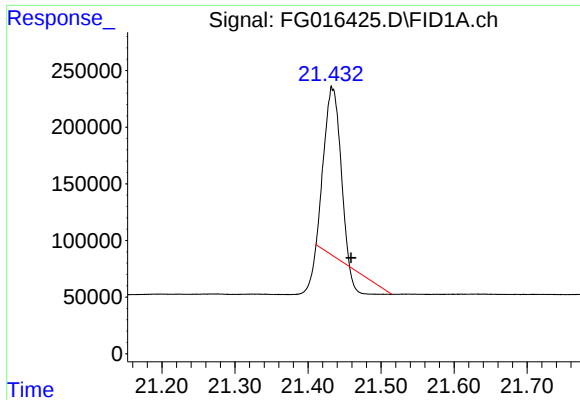
#15 N-TETRATRIACONTANE

R.T.: 19.901 min
Delta R.T.: -0.019 min
Response: 4905450
Conc: 51.48 ug/ml



#16 N-HEXATRIACONTANE

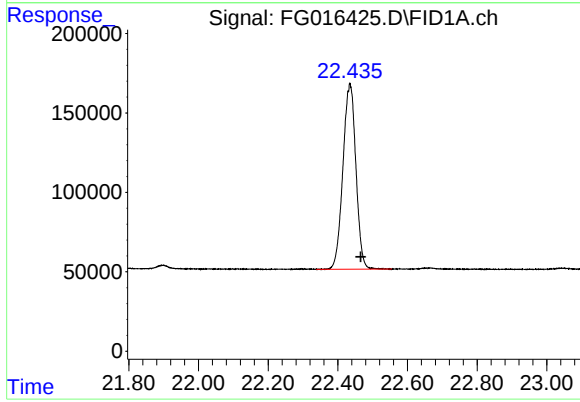
R.T.: 20.645 min
Delta R.T.: -0.020 min
Response: 2497603
Conc: 33.43 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.433 min
Delta R.T.: -0.026 min
Response: 1937564
Conc: 32.32 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.435 min
Delta R.T.: -0.031 min
Response: 3018009
Conc: 71.80 ug/ml