

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
 Data File : FG016395.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 12:36
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 27 04:15:53 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...	15.197	4705388	49.388 ug/ml
Target Compounds			
1) N-OCTANE	2.113	5117680	48.226 ug/ml
2) N-DECANE	4.663	5304031	49.082 ug/ml
3) N-DODECANE	6.846	5358238	49.304 ug/ml
4) N-TETRADECANE	8.688	5410753	49.486 ug/ml
5) N-HEXADECANE	10.307	5380122	49.496 ug/ml
6) N-OCTADECANE	11.762	5476740	49.511 ug/ml
7) N-EICOSANE	13.084	5579530	49.365 ug/ml
8) N-DOCOSANE	14.291	5409839	49.243 ug/ml
10) N-TETRACOSANE	15.403	5390475	49.196 ug/ml
11) N-HEXACOSANE	16.431	5231363	48.915 ug/ml
12) N-OCTACOSANE	17.387	5249981	48.732 ug/ml
13) N-TRIACONTANE	18.283	5290530	48.555 ug/ml
14) N-DOTRIACONTANE	19.122	5132745	48.730 ug/ml
15) N-TETRATRIACONTANE	19.911	4637838	48.673 ug/ml
16) N-HEXATRIACONTANE	20.655	3766980	50.415 ug/ml
17) N-OCTATRIACONTANE	21.446	3144736	52.449 ug/ml
18) N-TETRACONTANE	22.453	2965922	70.563 ug/ml

(f)=RT Delta > 1/2 Window

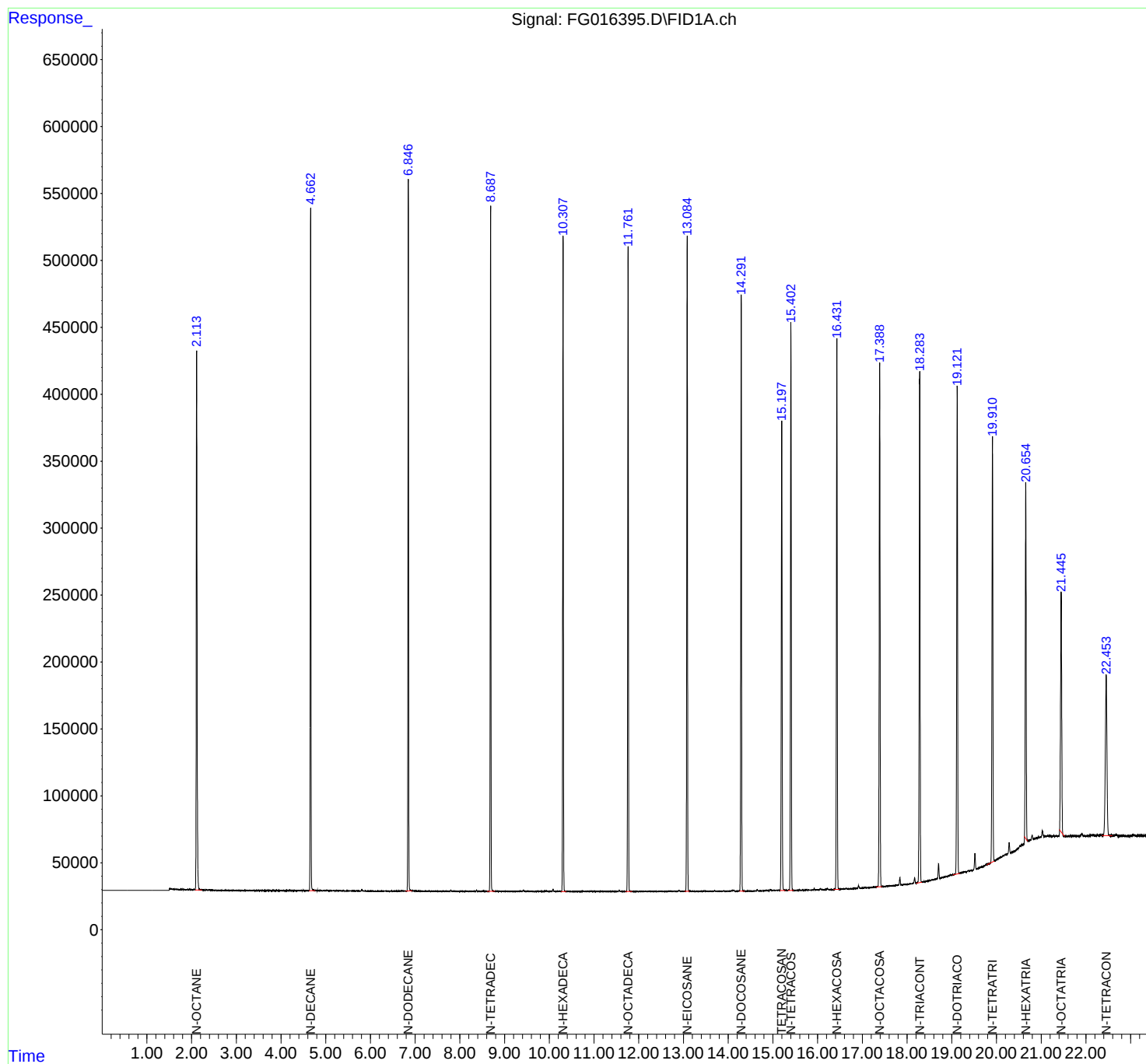
(m)=manual int.

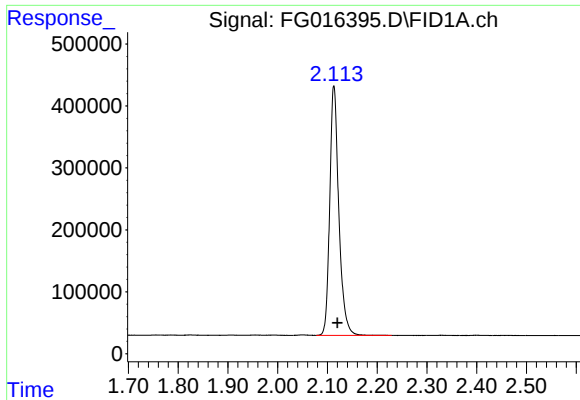
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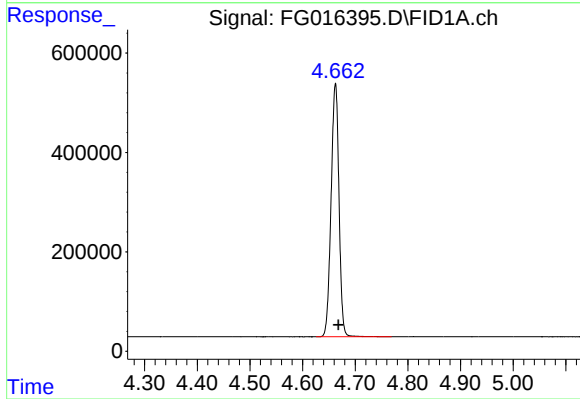




#1 N-OCTANE

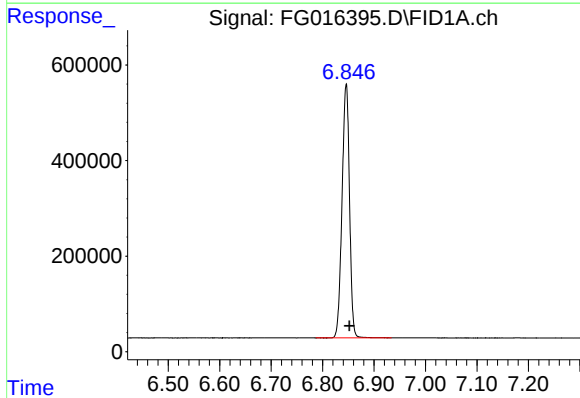
R.T.: 2.113 min
Delta R.T.: -0.007 min
Response: 5117680
Conc: 48.23 ug/ml

Instrument :
FID_G
ClientSampleId :



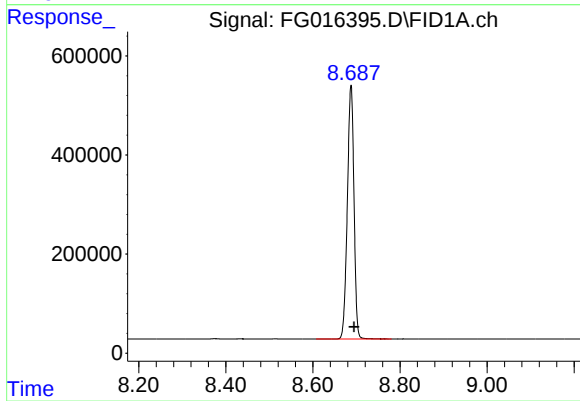
#2 N-DECANE

R.T.: 4.663 min
Delta R.T.: -0.006 min
Response: 5304031
Conc: 49.08 ug/ml



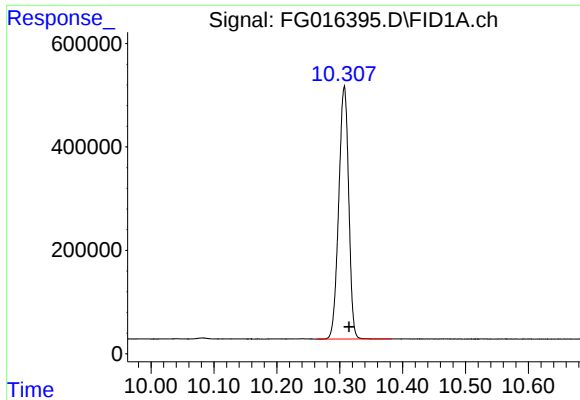
#3 N-DODECANE

R.T.: 6.846 min
Delta R.T.: -0.006 min
Response: 5358238
Conc: 49.30 ug/ml



#4 N-TETRADECANE

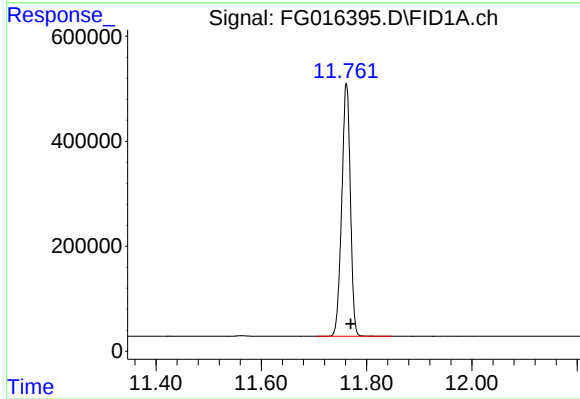
R.T.: 8.688 min
Delta R.T.: -0.007 min
Response: 5410753
Conc: 49.49 ug/ml



#5 N-HEXADECANE

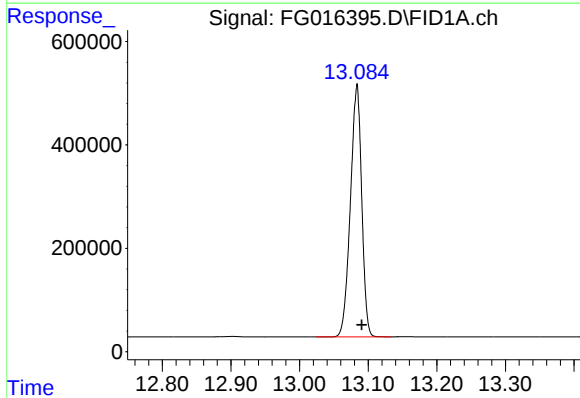
R.T.: 10.307 min
Delta R.T.: -0.007 min
Response: 5380122
Conc: 49.50 ug/ml

Instrument :
FID_G
ClientSampleId :



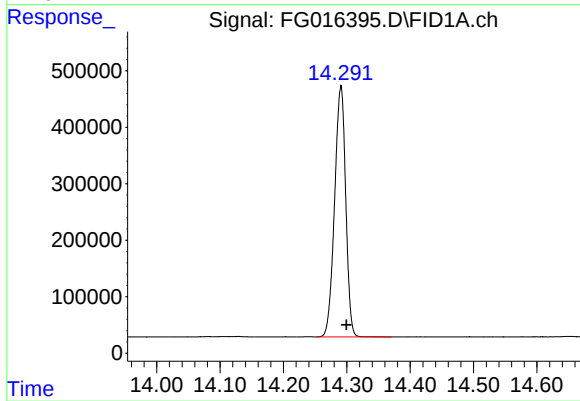
#6 N-OCTADECANE

R.T.: 11.762 min
Delta R.T.: -0.008 min
Response: 5476740
Conc: 49.51 ug/ml



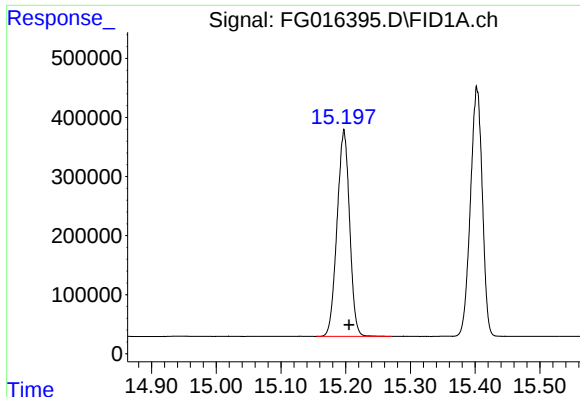
#7 N-EICOSANE

R.T.: 13.084 min
Delta R.T.: -0.007 min
Response: 5579530
Conc: 49.37 ug/ml



#8 N-DOCOSANE

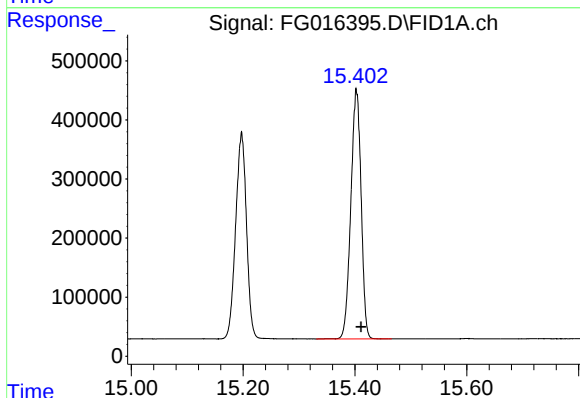
R.T.: 14.291 min
Delta R.T.: -0.008 min
Response: 5409839
Conc: 49.24 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

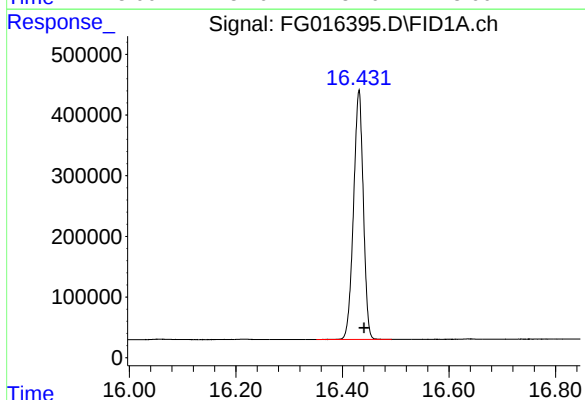
R.T.: 15.197 min
Delta R.T.: -0.008 min
Response: 4705388
Conc: 49.39 ug/ml

Instrument :
FID_G
ClientSampleId :



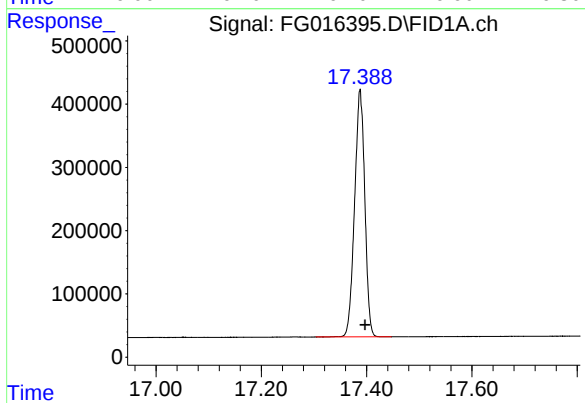
#10 N-TETRACOSANE

R.T.: 15.403 min
Delta R.T.: -0.008 min
Response: 5390475
Conc: 49.20 ug/ml



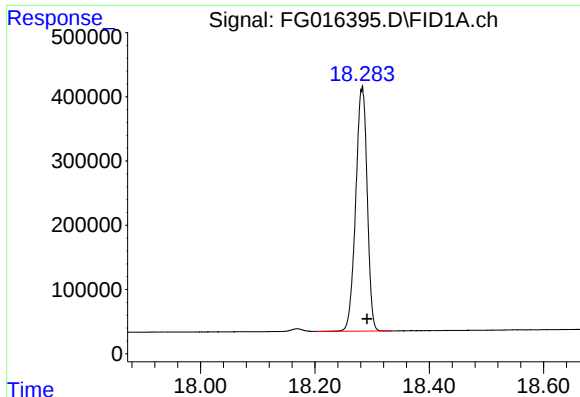
#11 N-HEXACOSANE

R.T.: 16.431 min
Delta R.T.: -0.009 min
Response: 5231363
Conc: 48.91 ug/ml



#12 N-OCTACOSANE

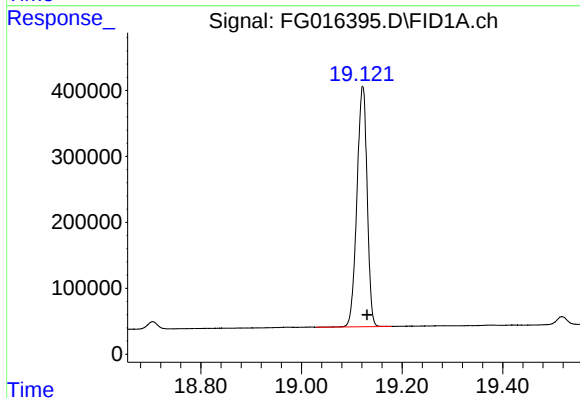
R.T.: 17.387 min
Delta R.T.: -0.009 min
Response: 5249981
Conc: 48.73 ug/ml



#13 N-TRIACONTANE

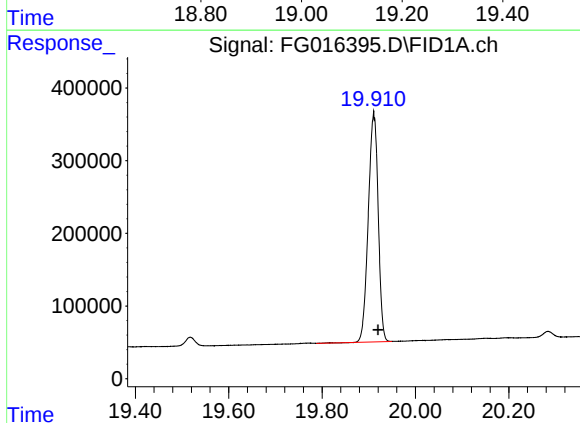
R.T.: 18.283 min
Delta R.T.: -0.008 min
Response: 5290530
Conc: 48.56 ug/ml

Instrument :
FID_G
ClientSampleId :



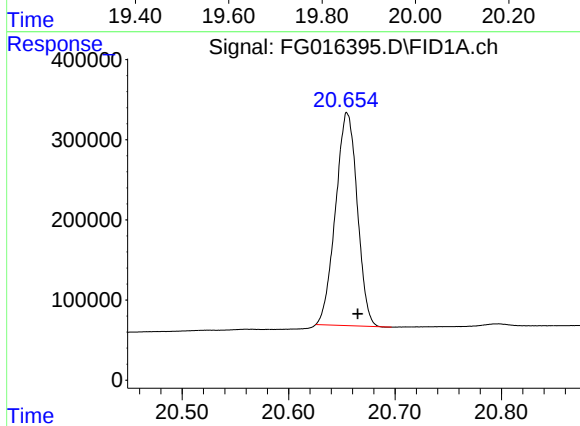
#14 N-DOTRIACONTANE

R.T.: 19.122 min
Delta R.T.: -0.008 min
Response: 5132745
Conc: 48.73 ug/ml



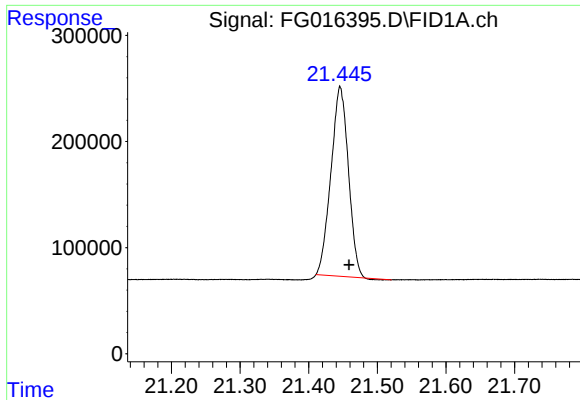
#15 N-TETRATRIACONTANE

R.T.: 19.911 min
Delta R.T.: -0.009 min
Response: 4637838
Conc: 48.67 ug/ml



#16 N-HEXATRIACONTANE

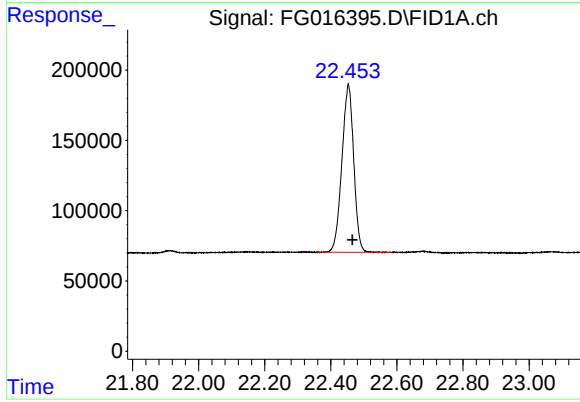
R.T.: 20.655 min
Delta R.T.: -0.010 min
Response: 3766980
Conc: 50.41 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.446 min
Delta R.T.: -0.013 min
Response: 3144736
Conc: 52.45 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.453 min
Delta R.T.: -0.013 min
Response: 2965922
Conc: 70.56 ug/ml