

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
 Data File : FG016406.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 20:25
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 27 04:19:26 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...	15.195	4824552	50.639 ug/ml
Target Compounds			
1) N-OCTANE	2.113	4798401	45.217 ug/ml
2) N-DECANE	4.661	5235063	48.443 ug/ml
3) N-DODECANE	6.845	5343942	49.172 ug/ml
4) N-TETRADECANE	8.686	5404010	49.424 ug/ml
5) N-HEXADECANE	10.305	5474484	50.364 ug/ml
6) N-OCTADECANE	11.760	5604470	50.666 ug/ml
7) N-EICOSANE	13.081	5632046	49.830 ug/ml
8) N-DOCOSANE	14.288	5485464	49.932 ug/ml
10) N-TETRACOSANE	15.400	5476041	49.977 ug/ml
11) N-HEXACOSANE	16.429	5424159	50.718 ug/ml
12) N-OCTACOSANE	17.387	5417617	50.288 ug/ml
13) N-TRIACONTANE	18.280	5657520	51.923 ug/ml
14) N-DOTRIACONTANE	19.119	5644900	53.592 ug/ml
15) N-TETRATRIACONTANE	19.907	5035696	52.848 ug/ml
16) N-HEXATRIACONTANE	20.652	3844766	51.456 ug/ml
17) N-OCTATRIACONTANE	21.441	3045734	50.798 ug/ml
18) N-TETRACONTANE	22.443	3212000	76.418 ug/ml

(f)=RT Delta > 1/2 Window

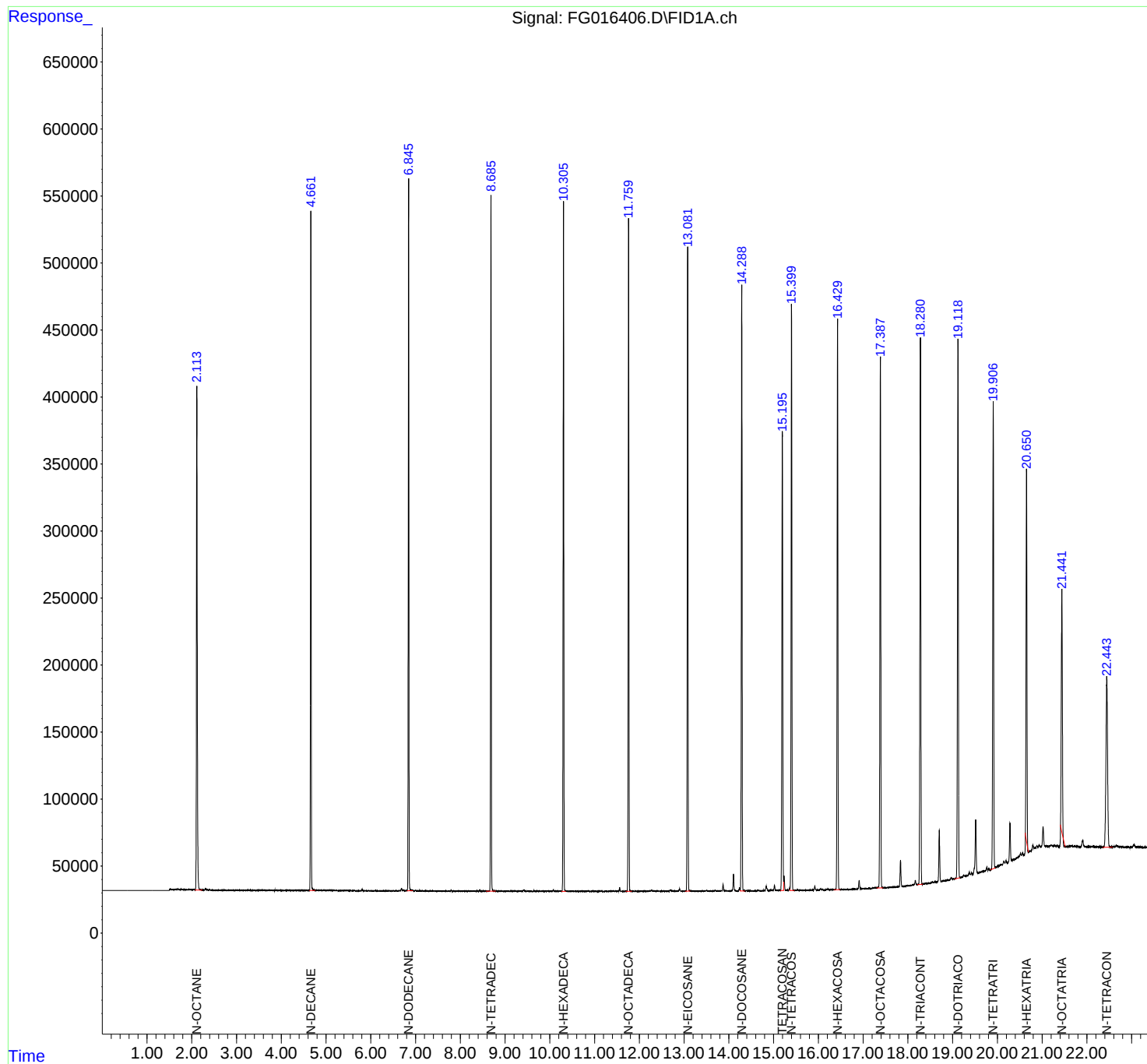
(m)=manual int.

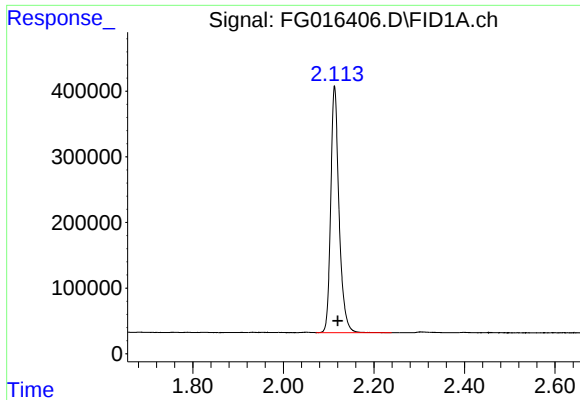
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Signal Info : 20mx0.18mmx0.18um

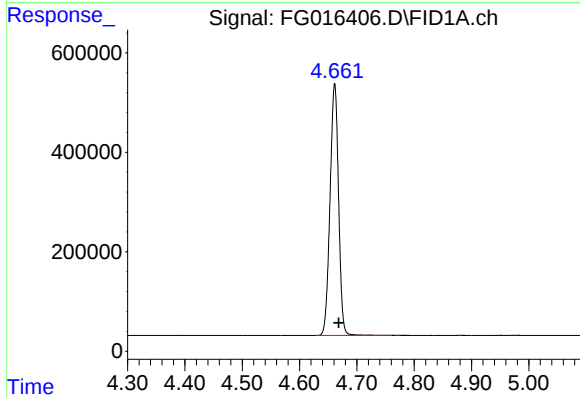




#1 N-OCTANE

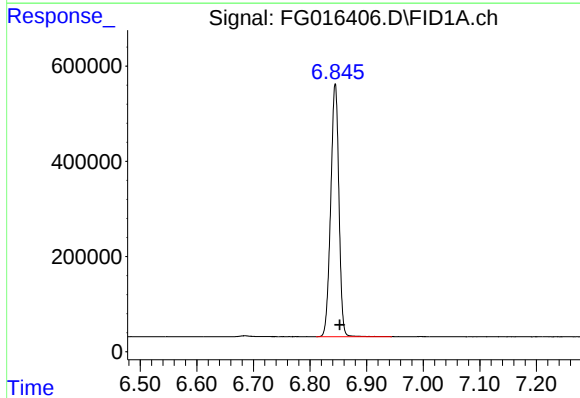
R.T.: 2.113 min
Delta R.T.: -0.007 min
Response: 4798401
Conc: 45.22 ug/ml

Instrument :
FID_G
ClientSampleId :



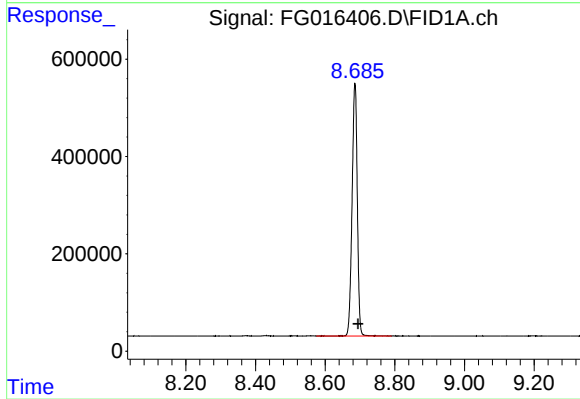
#2 N-DECANE

R.T.: 4.661 min
Delta R.T.: -0.007 min
Response: 5235063
Conc: 48.44 ug/ml



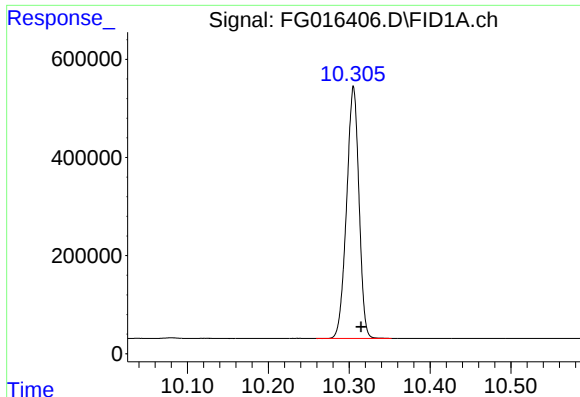
#3 N-DODECANE

R.T.: 6.845 min
Delta R.T.: -0.008 min
Response: 5343942
Conc: 49.17 ug/ml



#4 N-TETRADECANE

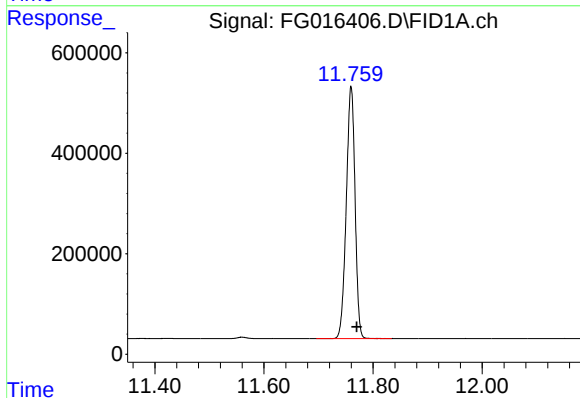
R.T.: 8.686 min
Delta R.T.: -0.009 min
Response: 5404010
Conc: 49.42 ug/ml



#5 N-HEXADECANE

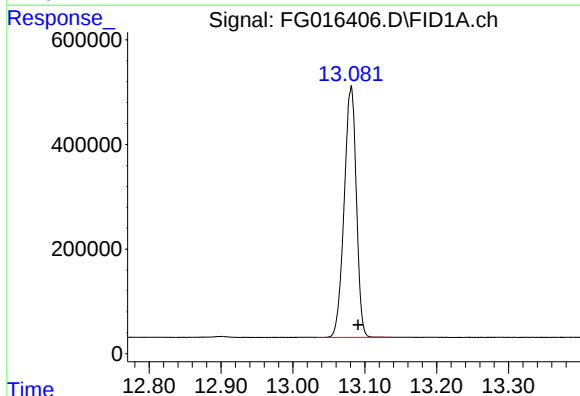
R.T.: 10.305 min
Delta R.T.: -0.009 min
Response: 5474484
Conc: 50.36 ug/ml

Instrument :
FID_G
ClientSampleId :



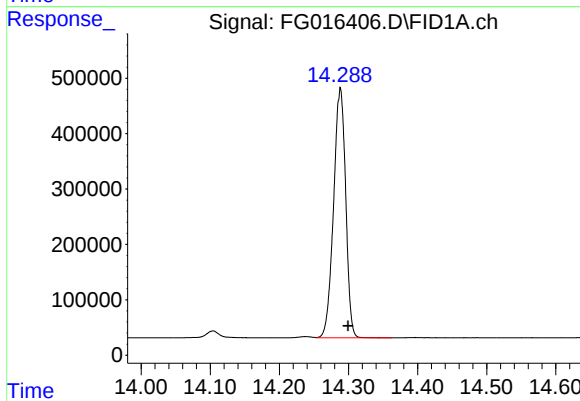
#6 N-OCTADECANE

R.T.: 11.760 min
Delta R.T.: -0.010 min
Response: 5604470
Conc: 50.67 ug/ml



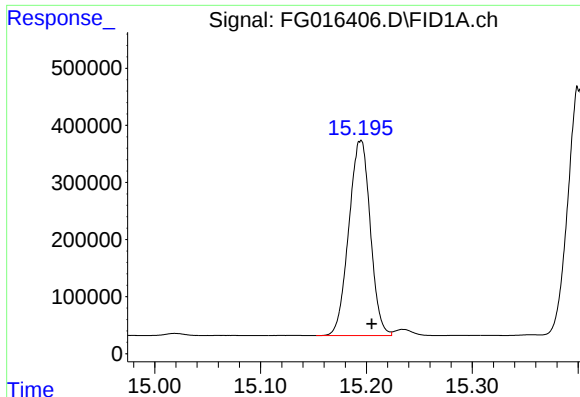
#7 N-EICOSANE

R.T.: 13.081 min
Delta R.T.: -0.010 min
Response: 5632046
Conc: 49.83 ug/ml



#8 N-DOCOSANE

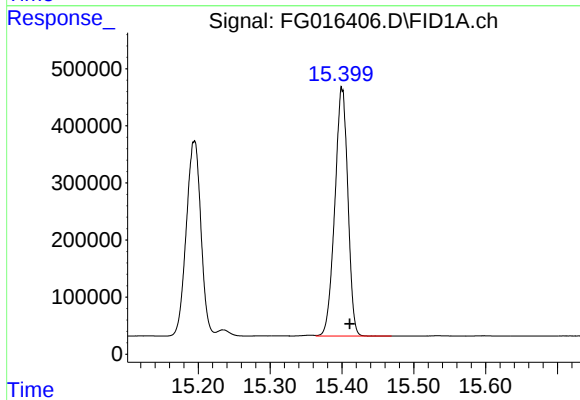
R.T.: 14.288 min
Delta R.T.: -0.011 min
Response: 5485464
Conc: 49.93 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

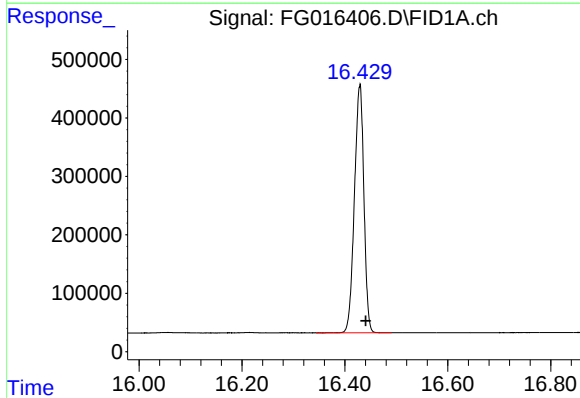
R.T.: 15.195 min
Delta R.T.: -0.010 min
Response: 4824552
Conc: 50.64 ug/ml

Instrument :
FID_G
ClientSampleId :



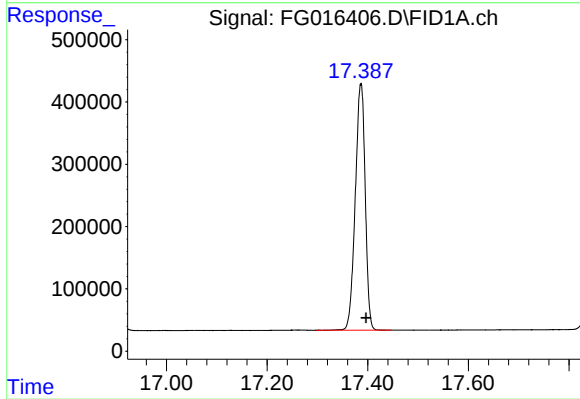
#10 N-TETRACOSANE

R.T.: 15.400 min
Delta R.T.: -0.011 min
Response: 5476041
Conc: 49.98 ug/ml



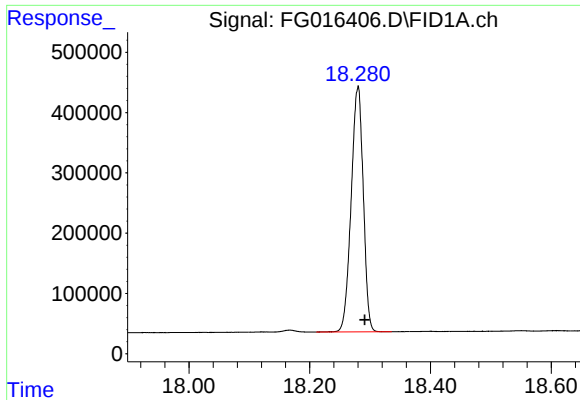
#11 N-HEXACOSANE

R.T.: 16.429 min
Delta R.T.: -0.011 min
Response: 5424159
Conc: 50.72 ug/ml



#12 N-OCTACOSANE

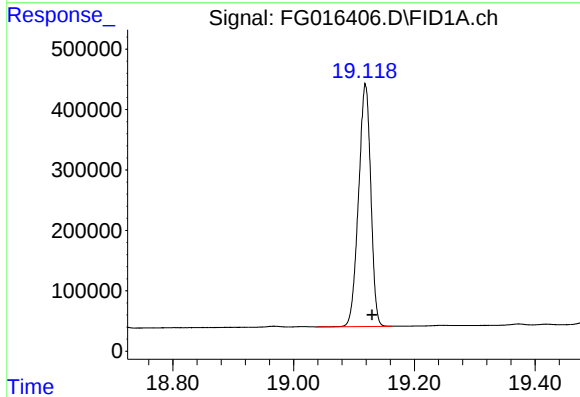
R.T.: 17.387 min
Delta R.T.: -0.010 min
Response: 5417617
Conc: 50.29 ug/ml



#13 N-TRIACONTANE

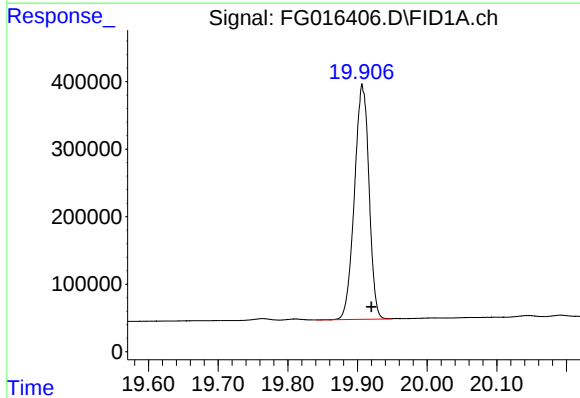
R.T.: 18.280 min
Delta R.T.: -0.011 min
Response: 5657520
Conc: 51.92 ug/ml

Instrument :
FID_G
ClientSampleId :



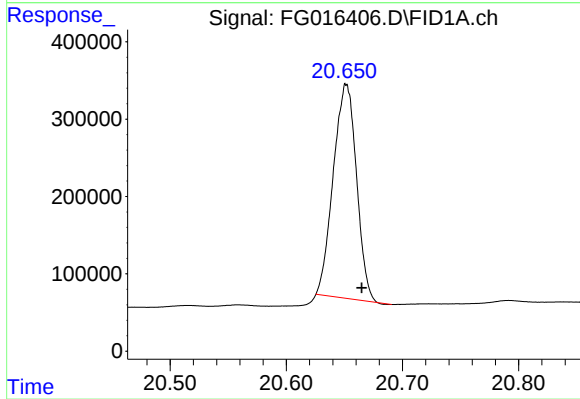
#14 N-DOTRIACONTANE

R.T.: 19.119 min
Delta R.T.: -0.011 min
Response: 5644900
Conc: 53.59 ug/ml



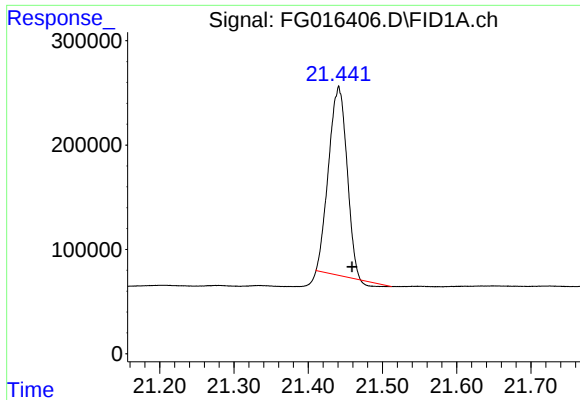
#15 N-TETRATRIACONTANE

R.T.: 19.907 min
Delta R.T.: -0.013 min
Response: 5035696
Conc: 52.85 ug/ml



#16 N-HEXATRIACONTANE

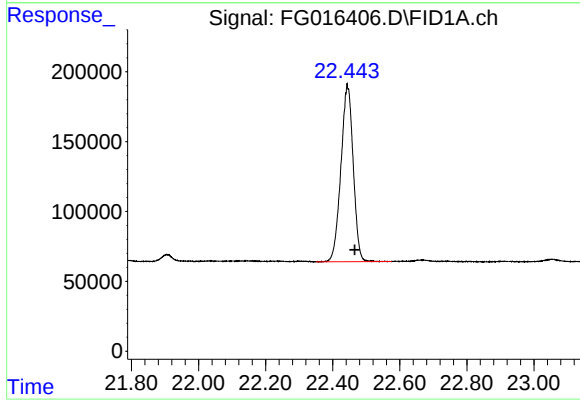
R.T.: 20.652 min
Delta R.T.: -0.013 min
Response: 3844766
Conc: 51.46 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.441 min
Delta R.T.: -0.018 min
Response: 3045734
Conc: 50.80 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.443 min
Delta R.T.: -0.022 min
Response: 3212000
Conc: 76.42 ug/ml