

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090525\
 Data File : FG016555.D
 Signal(s) : FID1A.ch
 Acq On : 05 Sep 2025 09:55
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 TRPH STD

Integration File: autoint1.e
 Quant Time: Sep 05 13:18:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
 Quant Title :
 QLast Update : Fri Sep 05 13:17:44 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...	15.193	9963138	95.492 ug/ml
Target Compounds			
1) N-OCTANE	2.106	10992976	97.232 ug/ml
2) N-DECANE	4.657	11360854	96.692 ug/ml
3) N-DODECANE	6.842	11558602	96.315 ug/ml
4) N-TETRADECANE	8.684	11535429	95.695 ug/ml
5) N-HEXADECANE	10.304	11556060	95.437 ug/ml
6) N-OCTADECANE	11.759	11760698	95.242 ug/ml
7) N-EICOSANE	13.080	11762643	95.242 ug/ml
8) N-DOCOSANE	14.288	11371032	95.376 ug/ml
10) N-TETRACOSANE	15.400	11221648	95.483 ug/ml
11) N-HEXACOSANE	16.428	11018844	95.907 ug/ml
12) N-OCTACOSANE	17.385	10713244	96.135 ug/ml
13) N-TRIACONTANE	18.279	10587907	96.645 ug/ml
14) N-DOTRIACONTANE	19.119	10278733	100.903 ug/ml
15) N-TETRATRIACONTANE	19.907	9881829	115.361 ug/ml
16) N-HEXATRIACONTANE	20.652	9456862	135.503 ug/ml
17) N-OCTATRIACONTANE	21.442	9304107	152.588 ug/ml
18) N-TETRACONTANE	22.447	9464423	160.856 ug/ml

(f)=RT Delta > 1/2 Window

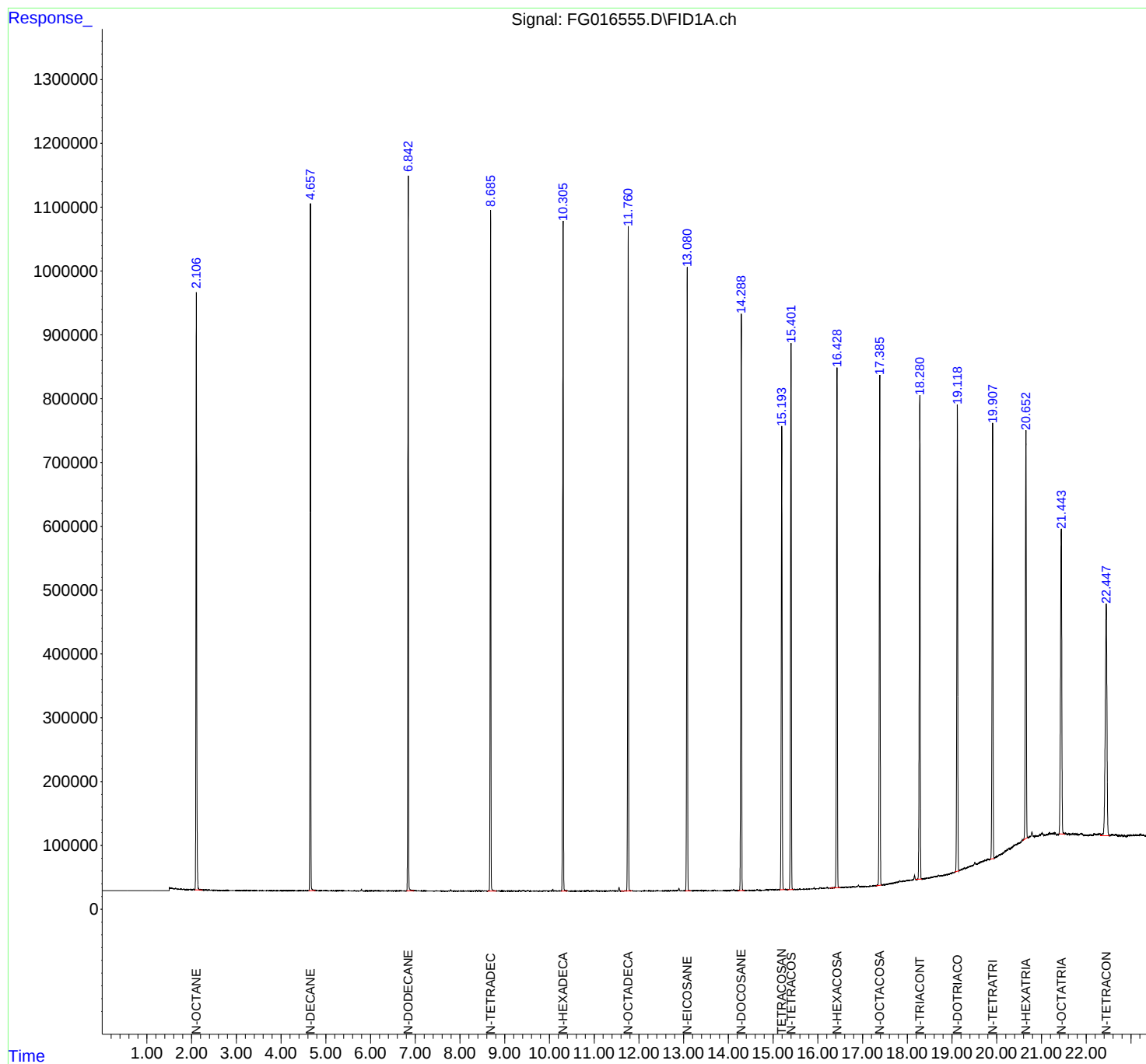
(m)=manual int.

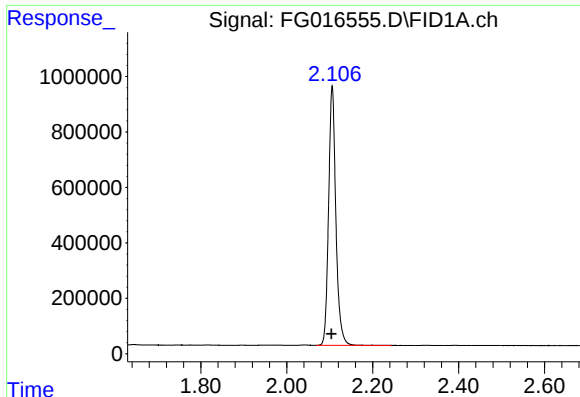
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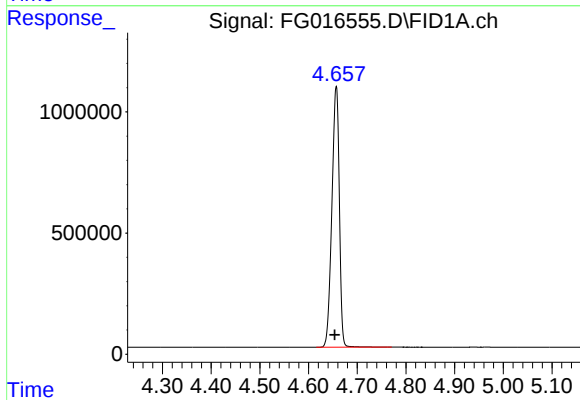




#1 N-OCTANE

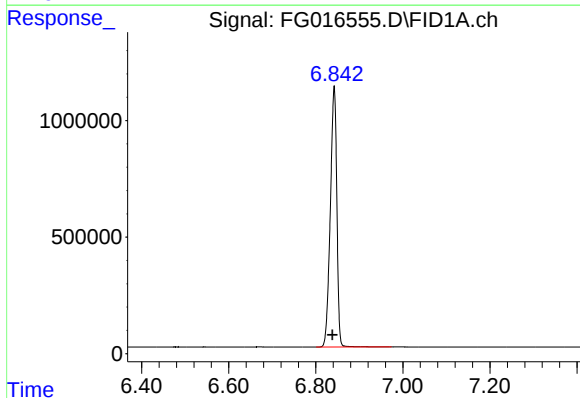
R.T.: 2.106 min
Delta R.T.: 0.002 min
Response: 10992976
Conc: 97.23 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



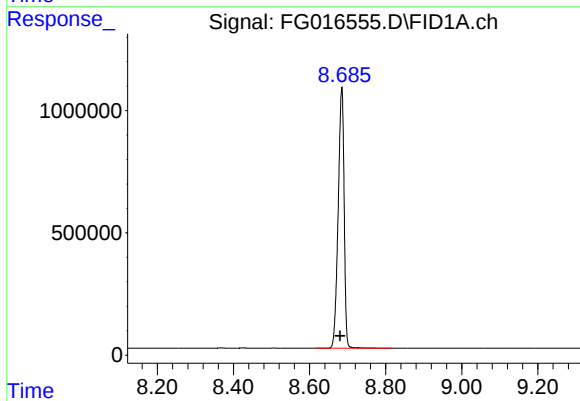
#2 N-DECANE

R.T.: 4.657 min
Delta R.T.: 0.003 min
Response: 11360854
Conc: 96.69 ug/ml



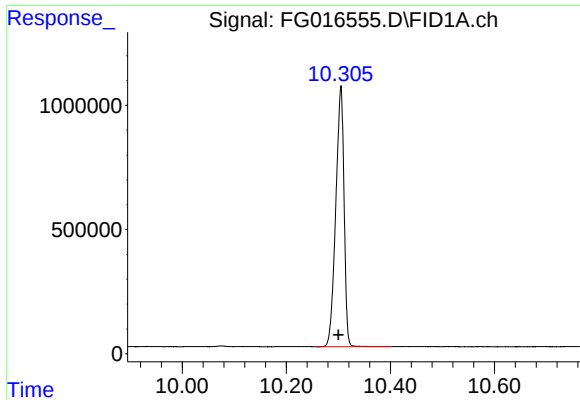
#3 N-DODECANE

R.T.: 6.842 min
Delta R.T.: 0.004 min
Response: 11558602
Conc: 96.31 ug/ml



#4 N-TETRADECANE

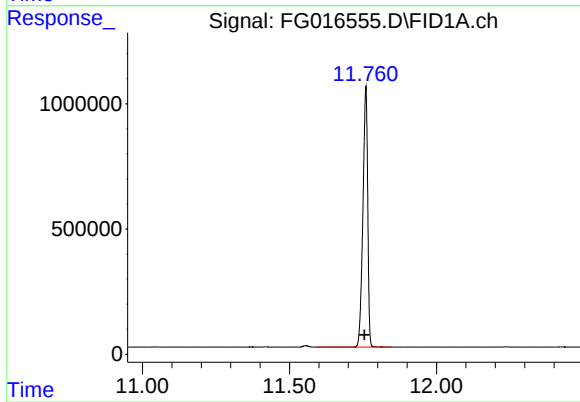
R.T.: 8.684 min
Delta R.T.: 0.004 min
Response: 11535429
Conc: 95.69 ug/ml



#5 N-HEXADECANE

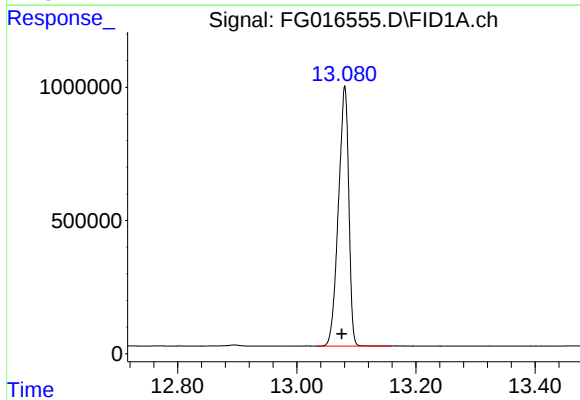
R.T.: 10.304 min
Delta R.T.: 0.004 min
Response: 11556060
Conc: 95.44 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



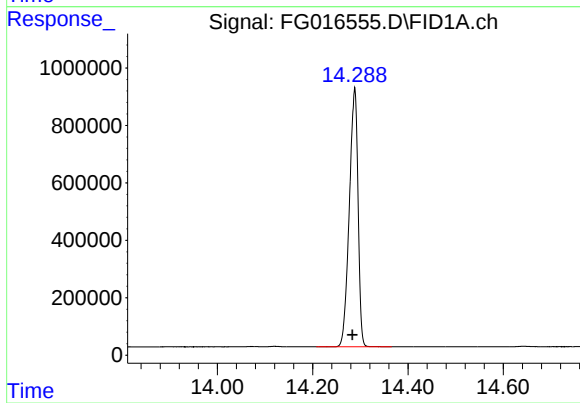
#6 N-OCTADECANE

R.T.: 11.759 min
Delta R.T.: 0.005 min
Response: 11760698
Conc: 95.24 ug/ml



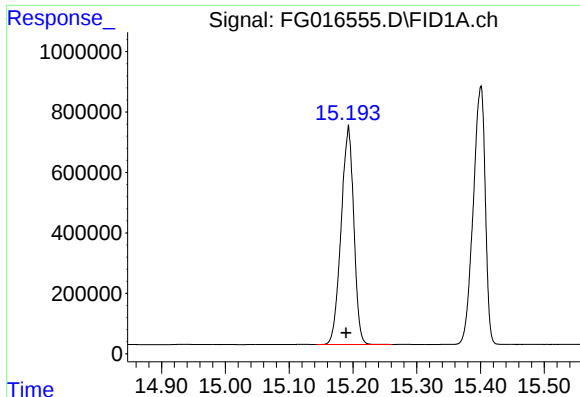
#7 N-EICOSANE

R.T.: 13.080 min
Delta R.T.: 0.005 min
Response: 11762643
Conc: 95.24 ug/ml



#8 N-DOCOSANE

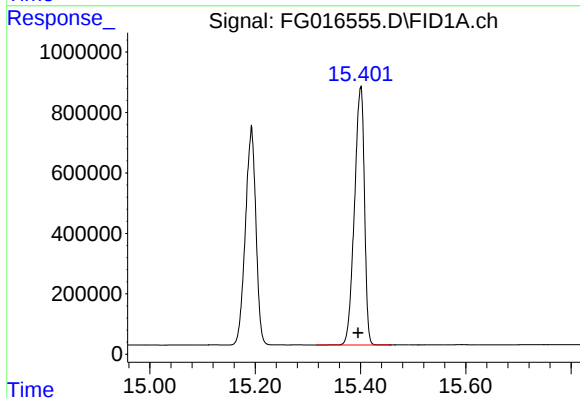
R.T.: 14.288 min
Delta R.T.: 0.005 min
Response: 11371032
Conc: 95.38 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

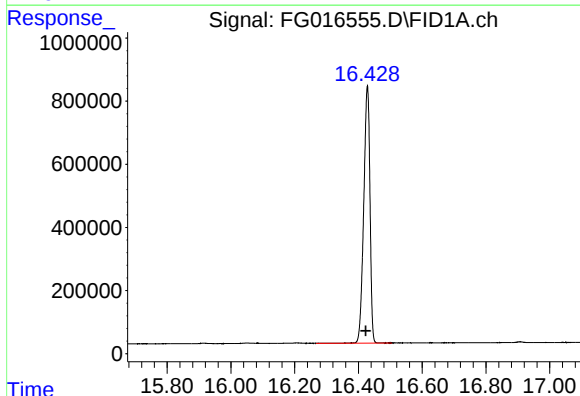
R.T.: 15.193 min
Delta R.T.: 0.003 min
Response: 9963138
Conc: 95.49 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



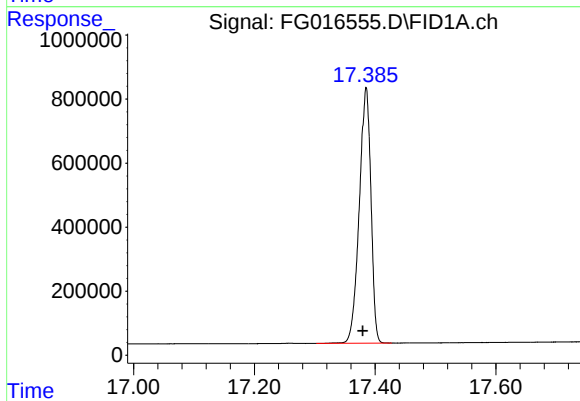
#10 N-TETRACOSANE

R.T.: 15.400 min
Delta R.T.: 0.005 min
Response: 11221648
Conc: 95.48 ug/ml



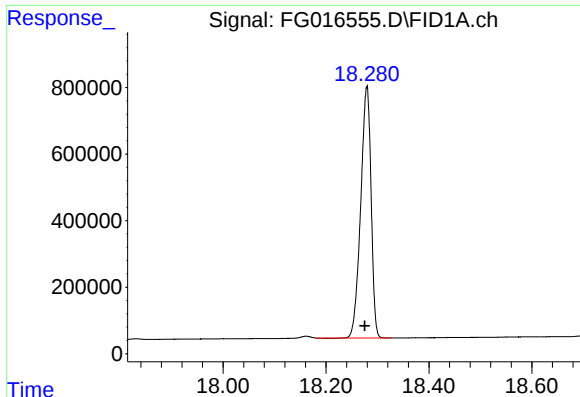
#11 N-HEXACOSANE

R.T.: 16.428 min
Delta R.T.: 0.004 min
Response: 11018844
Conc: 95.91 ug/ml



#12 N-OCTACOSANE

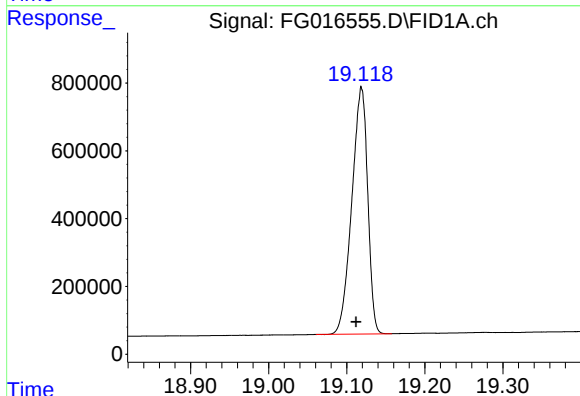
R.T.: 17.385 min
Delta R.T.: 0.006 min
Response: 10713244
Conc: 96.13 ug/ml



#13 N-TRIACONTANE

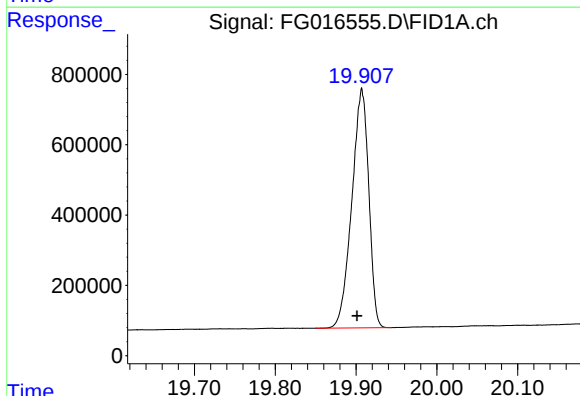
R.T.: 18.279 min
Delta R.T.: 0.004 min
Response: 10587907
Conc: 96.64 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



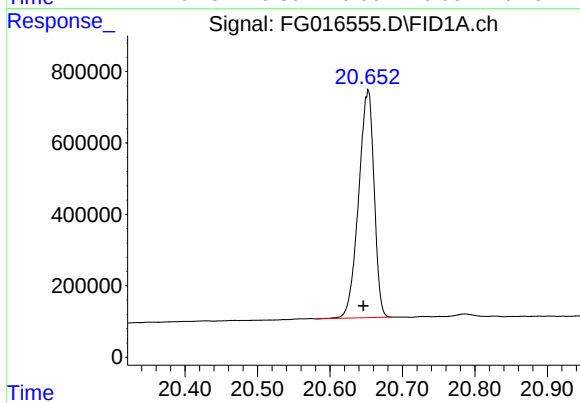
#14 N-DOTRIACONTANE

R.T.: 19.119 min
Delta R.T.: 0.007 min
Response: 10278733
Conc: 100.90 ug/ml



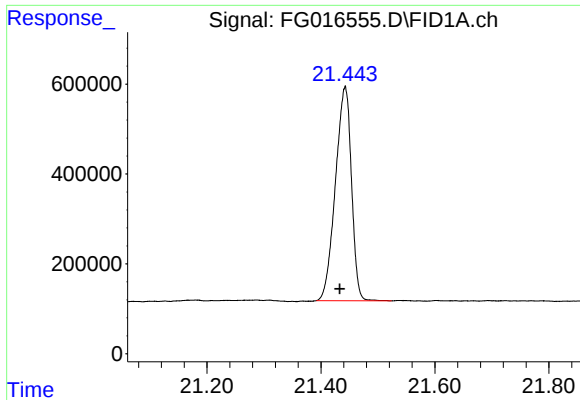
#15 N-TETRATRIACONTANE

R.T.: 19.907 min
Delta R.T.: 0.006 min
Response: 9881829
Conc: 115.36 ug/ml



#16 N-HEXATRIACONTANE

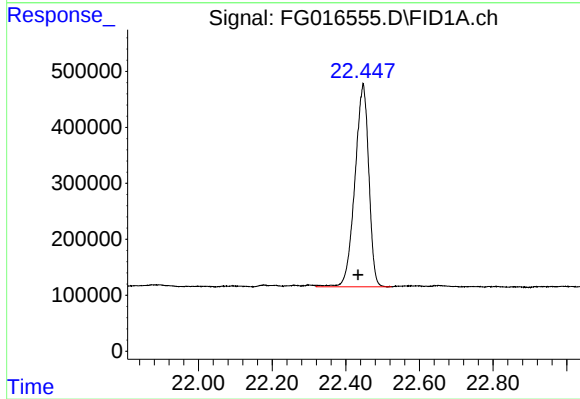
R.T.: 20.652 min
Delta R.T.: 0.006 min
Response: 9456862
Conc: 135.50 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.442 min
Delta R.T.: 0.009 min
Response: 9304107
Conc: 152.59 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.447 min
Delta R.T.: 0.013 min
Response: 9464423
Conc: 160.86 ug/ml