

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070925\
 Data File : FG016264.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jul 2025 10:02
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 09 11:31:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 11:29:23 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...	15.206	9405279	100.082 ug/ml
Target Compounds			
1) N-OCTANE	2.122	10513227	99.450 ug/ml
2) N-DECANE	4.674	10702599	99.406 ug/ml
3) N-DODECANE	6.857	10800733	99.625 ug/ml
4) N-TETRADECANE	8.698	10882051	99.537 ug/ml
5) N-HEXADECANE	10.318	10797207	99.753 ug/ml
6) N-OCTADECANE	11.772	10989703	99.792 ug/ml
7) N-EICOSANE	13.092	11210686	99.913 ug/ml
8) N-DOCOSANE	14.300	10833018	100.014 ug/ml
10) N-TETRACOSANE	15.413	10713606	99.998 ug/ml
11) N-HEXACOSANE	16.440	10326014	100.102 ug/ml
12) N-OCTACOSANE	17.396	10201832	100.042 ug/ml
13) N-TRIACONTANE	18.289	9982115	99.871 ug/ml
14) N-DOTRIACONTANE	19.126	9429909	99.711 ug/ml
15) N-TETRATRIACONTANE	19.914	8543544	99.113 ug/ml
16) N-HEXATRIACONTANE	20.657	7167275	98.469 ug/ml
17) N-OCTATRIACONTANE	21.447	6145879	97.425 ug/ml
18) N-TETRACONTANE	22.451	5478000	97.074 ug/ml

(f)=RT Delta > 1/2 Window

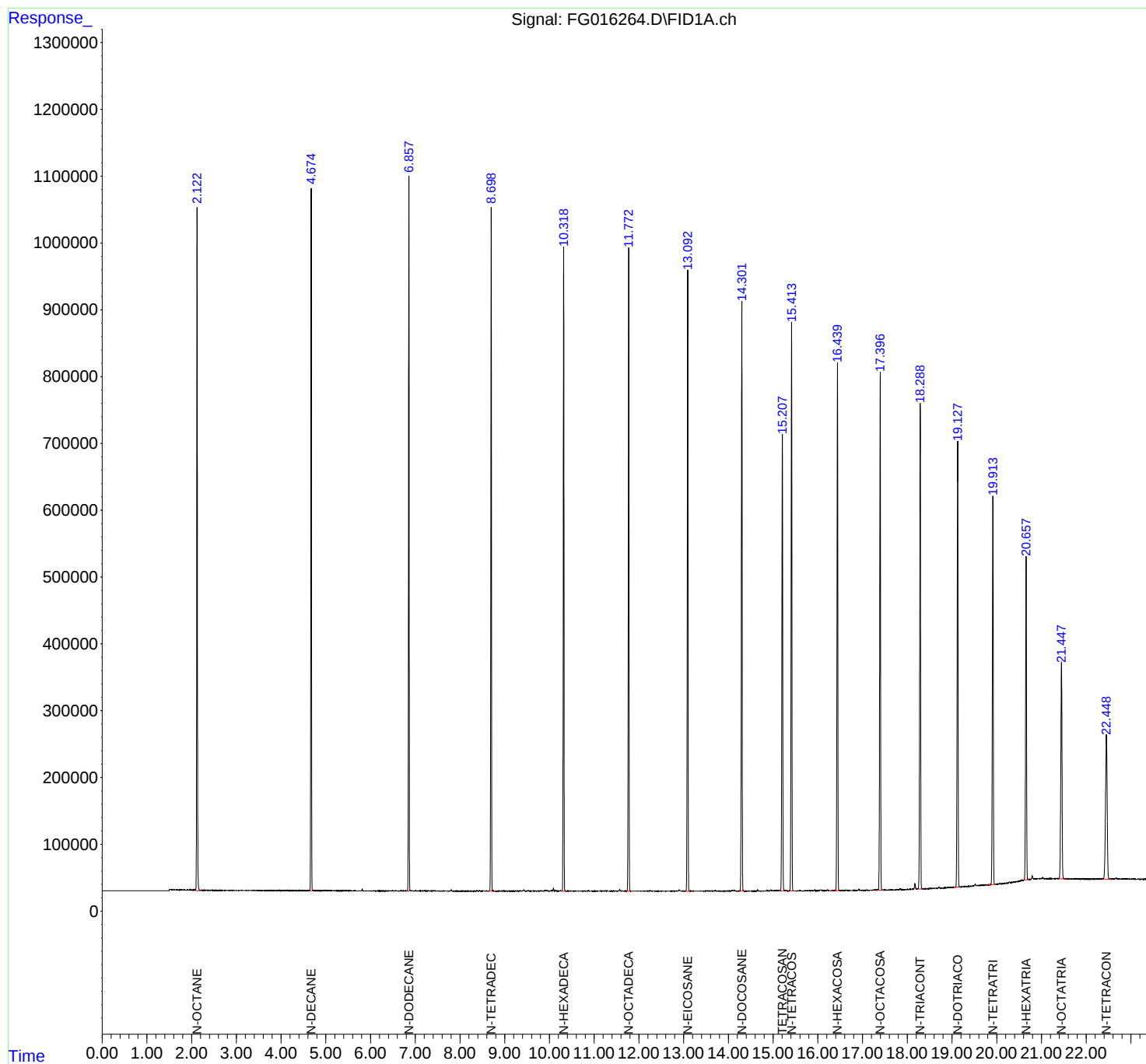
(m)=manual int.

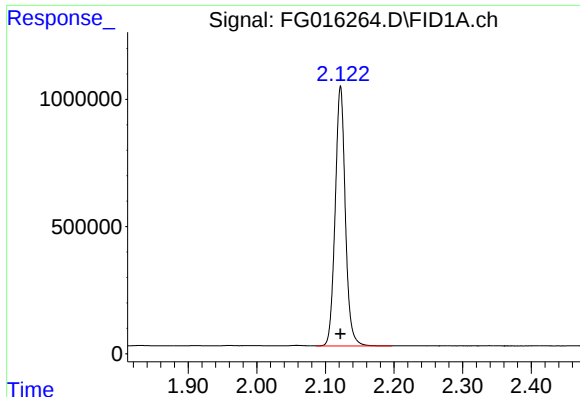
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

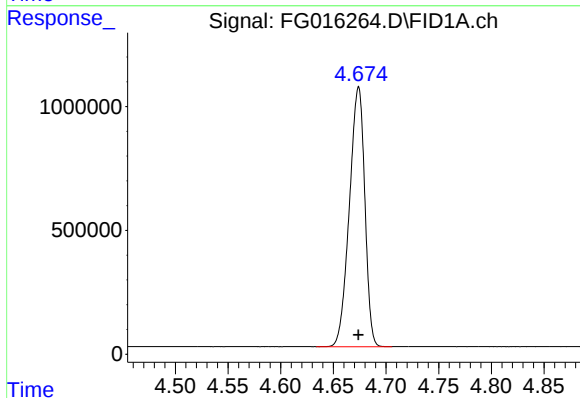




#1 N-OCTANE

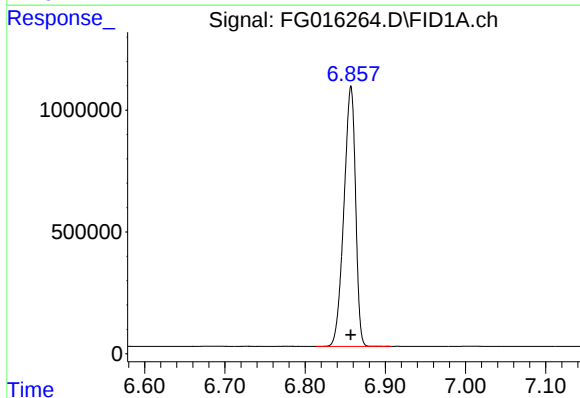
R.T.: 2.122 min
Delta R.T.: 0.000 min
Response: 10513227
Conc: 99.45 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



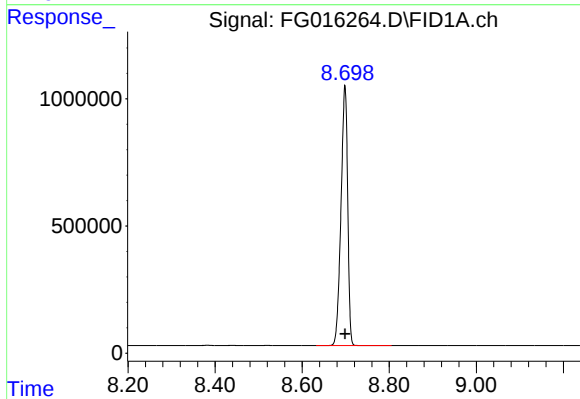
#2 N-DECANE

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 10702599
Conc: 99.41 ug/ml



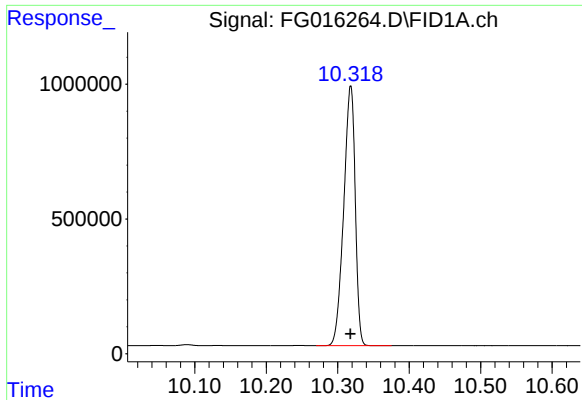
#3 N-DODECANE

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 10800733
Conc: 99.62 ug/ml



#4 N-TETRADECANE

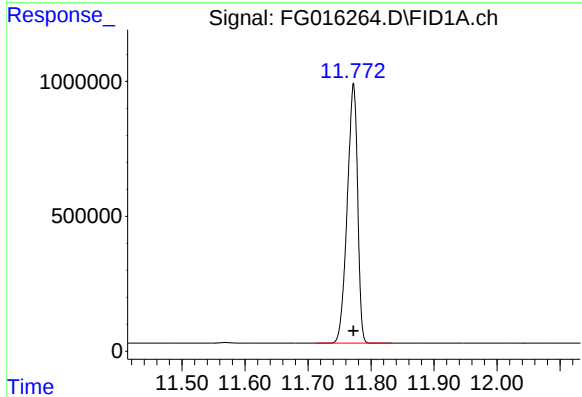
R.T.: 8.698 min
Delta R.T.: 0.000 min
Response: 10882051
Conc: 99.54 ug/ml



#5 N-HEXADECANE

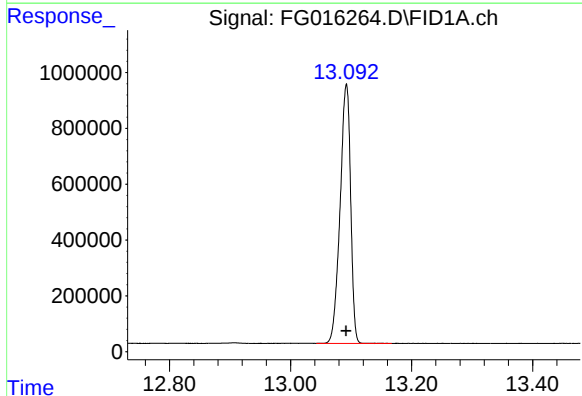
R.T.: 10.318 min
Delta R.T.: 0.000 min
Response: 10797207
Conc: 99.75 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



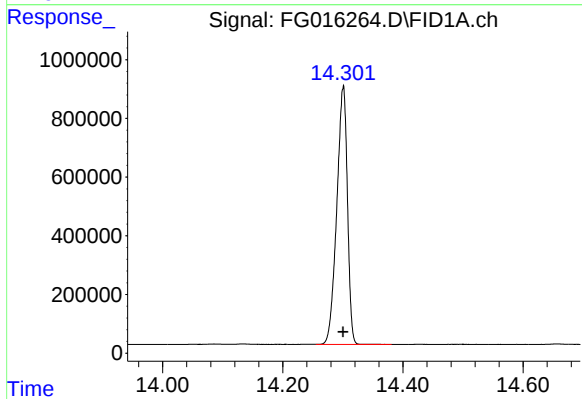
#6 N-OCTADECANE

R.T.: 11.772 min
Delta R.T.: 0.000 min
Response: 10989703
Conc: 99.79 ug/ml



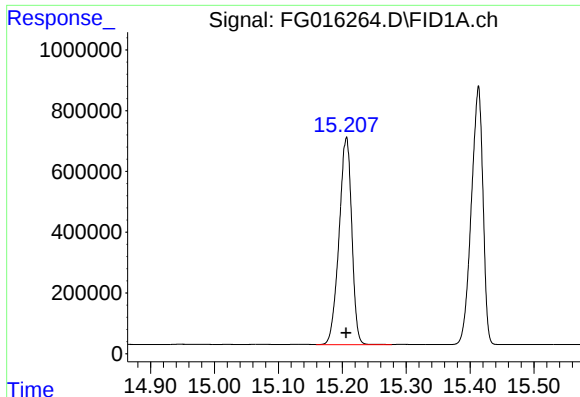
#7 N-EICOSANE

R.T.: 13.092 min
Delta R.T.: 0.000 min
Response: 11210686
Conc: 99.91 ug/ml



#8 N-DOCOSANE

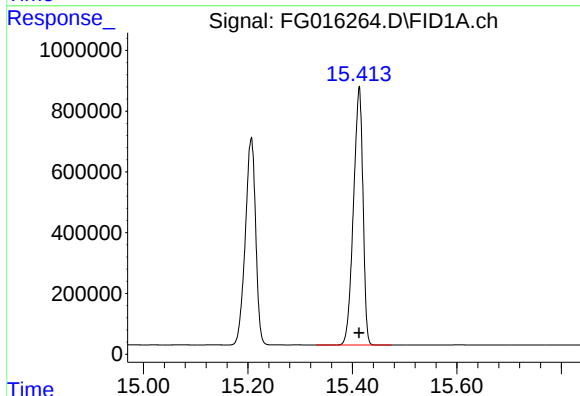
R.T.: 14.300 min
Delta R.T.: 0.000 min
Response: 10833018
Conc: 100.01 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

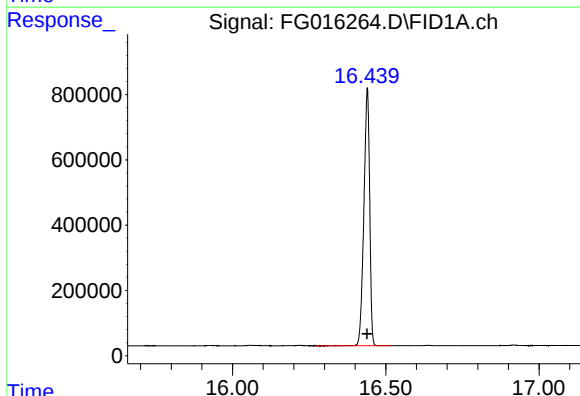
R.T.: 15.206 min
Delta R.T.: 0.000 min
Response: 9405279
Conc: 100.08 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



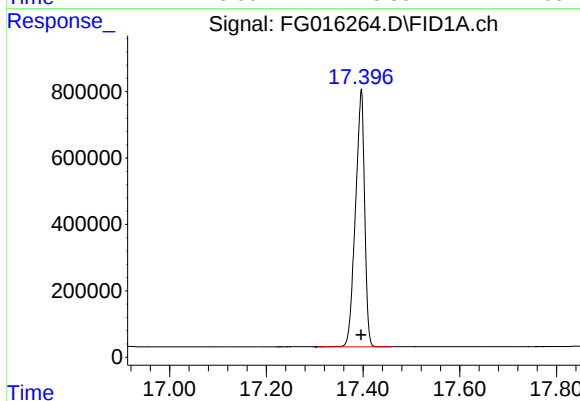
#10 N-TETRACOSANE

R.T.: 15.413 min
Delta R.T.: 0.000 min
Response: 10713606
Conc: 100.00 ug/ml



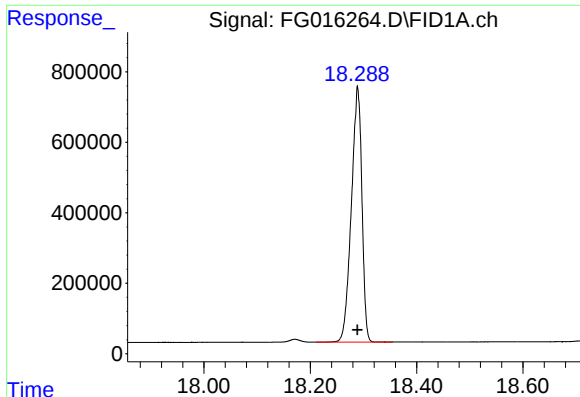
#11 N-HEXACOSANE

R.T.: 16.440 min
Delta R.T.: 0.000 min
Response: 10326014
Conc: 100.10 ug/ml



#12 N-OCTACOSANE

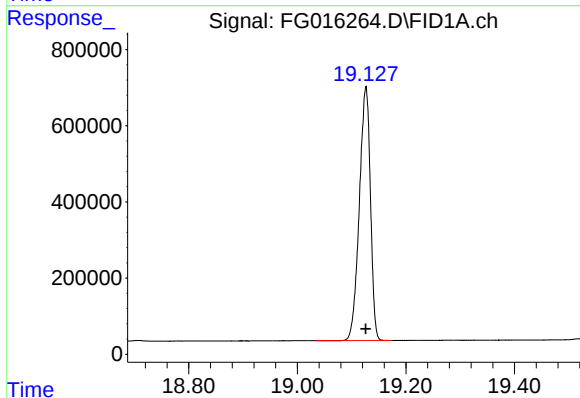
R.T.: 17.396 min
Delta R.T.: 0.000 min
Response: 10201832
Conc: 100.04 ug/ml



#13 N-TRIACONTANE

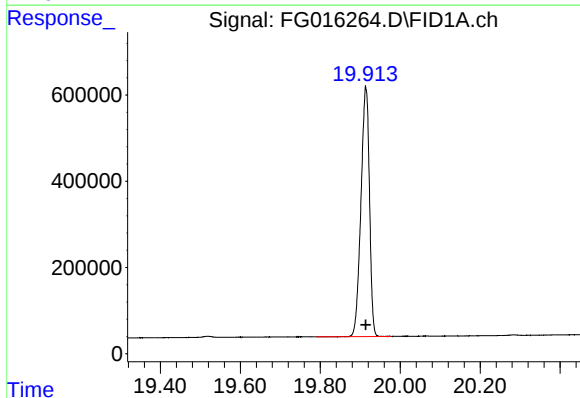
R.T.: 18.289 min
Delta R.T.: 0.000 min
Response: 9982115
Conc: 99.87 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



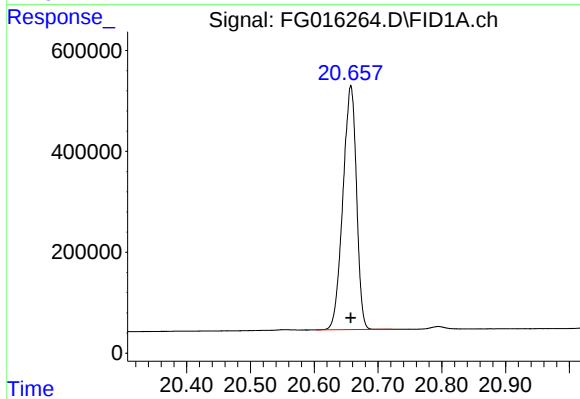
#14 N-DOTRIACONTANE

R.T.: 19.126 min
Delta R.T.: 0.000 min
Response: 9429909
Conc: 99.71 ug/ml



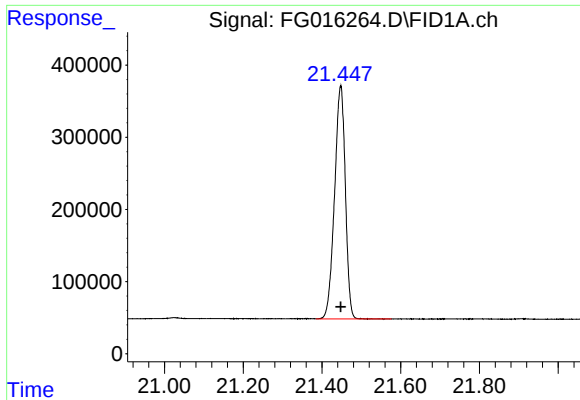
#15 N-TETRATRIACONTANE

R.T.: 19.914 min
Delta R.T.: 0.000 min
Response: 8543544
Conc: 99.11 ug/ml



#16 N-HEXATRIACONTANE

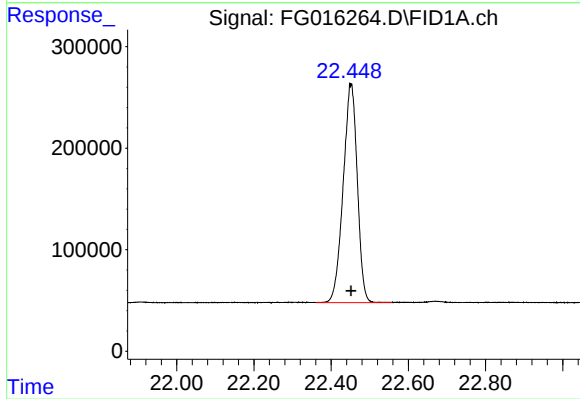
R.T.: 20.657 min
Delta R.T.: 0.000 min
Response: 7167275
Conc: 98.47 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.447 min
Delta R.T.: 0.000 min
Response: 6145879
Conc: 97.42 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.451 min
Delta R.T.: 0.000 min
Response: 5478000
Conc: 97.07 ug/ml