

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050924\
 Data File : FG013775.D
 Signal(s) : FID1A.ch
 Acq On : 09 May 2024 19:18
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: May 10 04:12:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG050924.M
 Quant Title :
 QLast Update : Thu May 09 14:35:12 2024
 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...	15.069	5463082	46.892 ug/ml
Target Compounds			
1) N-OCTANE	2.056	5998865	48.491 ug/ml
2) N-DECANE	4.582	6173512	48.728 ug/ml
3) N-DODECANE	6.754	6262714	48.605 ug/ml
4) N-TETRADECANE	8.588	6319724	48.049 ug/ml
5) N-HEXADECANE	10.201	6348544	47.624 ug/ml
6) N-OCTADECANE	11.650	6445511	47.322 ug/ml
7) N-EICOSANE	12.965	6476258	47.015 ug/ml
8) N-DOCOSANE	14.168	6209249	46.819 ug/ml
10) N-TETRACOSANE	15.275	6124430	46.403 ug/ml
11) N-HEXACOSANE	16.299	6021417	46.373 ug/ml
12) N-OCTACOSANE	17.251	5887335	46.394 ug/ml
13) N-TRIACONTANE	18.143	5872422	46.258 ug/ml
14) N-DOTRIACONTANE	18.977	5707052	44.849 ug/ml
15) N-TETRATRIACONTANE	19.762	5422875	46.422 ug/ml
16) N-HEXATRIACONTANE	20.503	5031366	45.661 ug/ml
17) N-OCTATRIACONTANE	21.258	4691112	47.032 ug/ml
18) N-TETRACONTANE	22.203	4347447	44.027 ug/ml

(f)=RT Delta > 1/2 Window

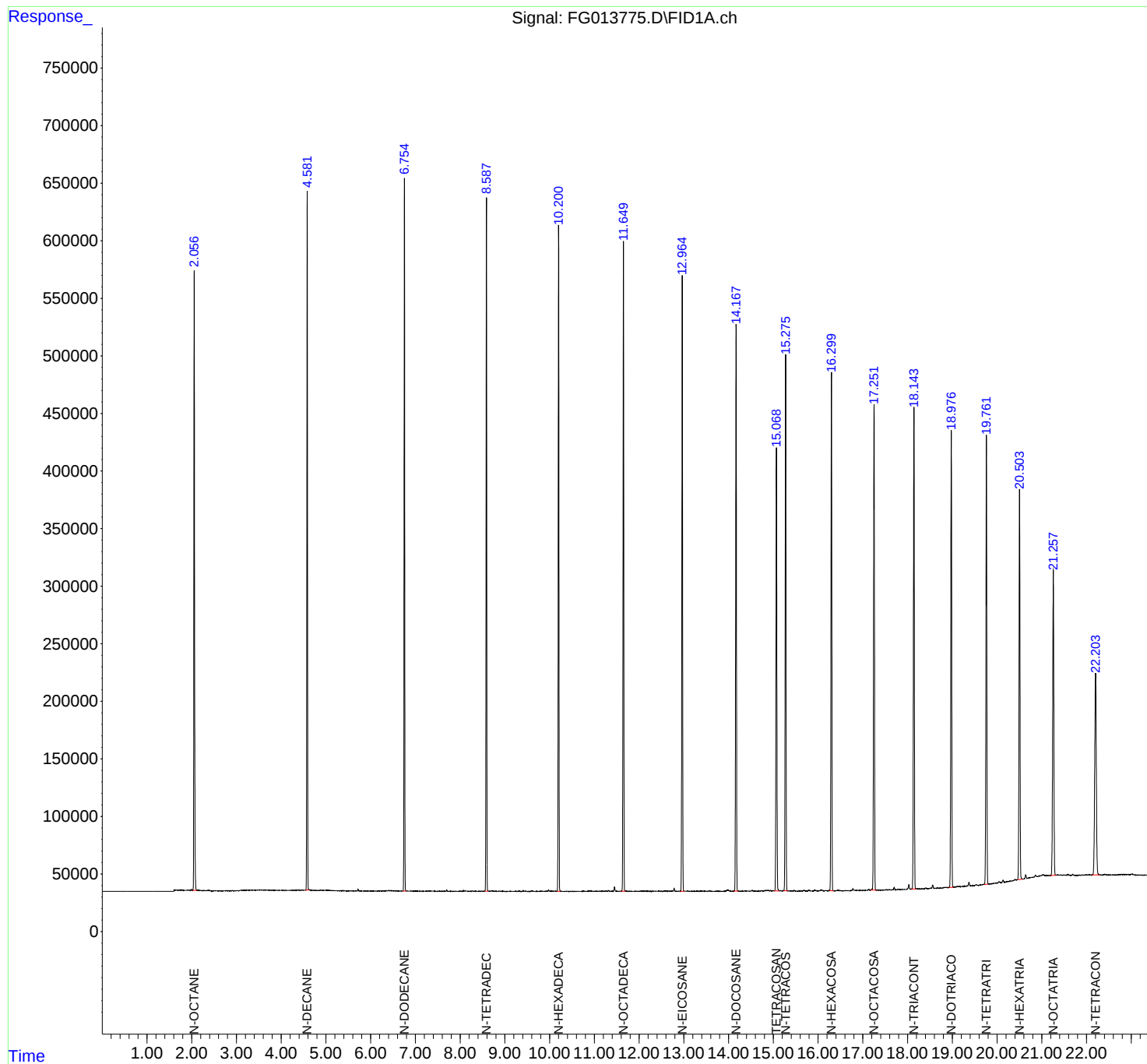
(m)=manual int.

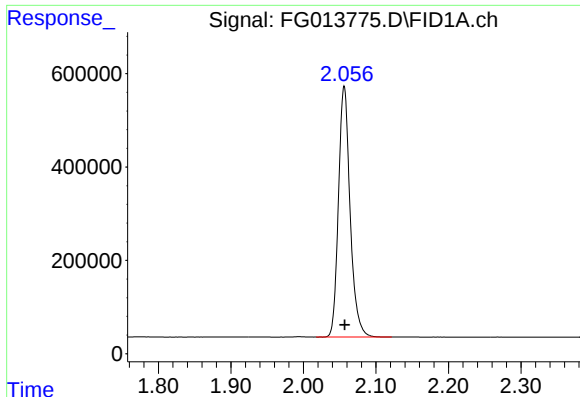
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

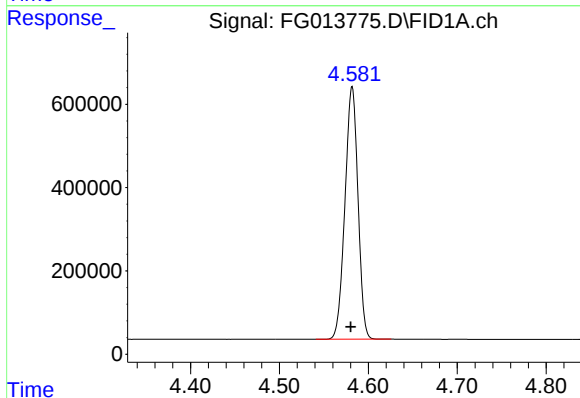




#1 N-OCTANE

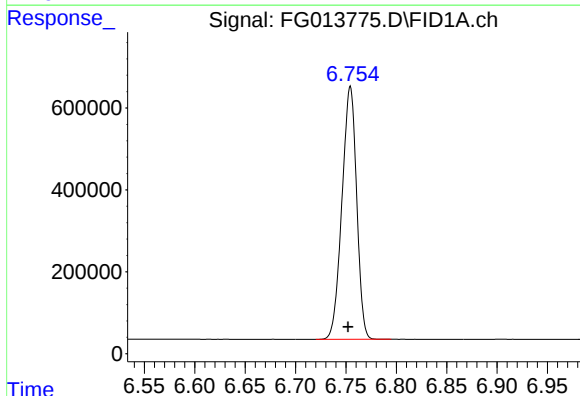
R.T.: 2.056 min
Delta R.T.: 0.000 min
Response: 5998865
Conc: 48.49 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



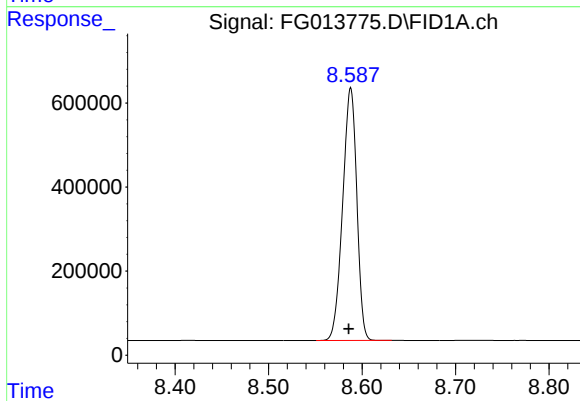
#2 N-DECANE

R.T.: 4.582 min
Delta R.T.: 0.001 min
Response: 6173512
Conc: 48.73 ug/ml



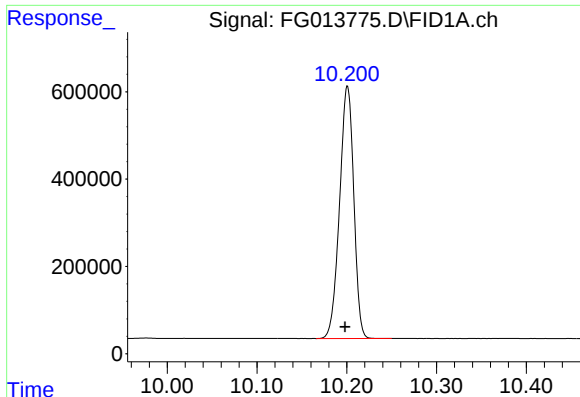
#3 N-DODECANE

R.T.: 6.754 min
Delta R.T.: 0.002 min
Response: 6262714
Conc: 48.61 ug/ml



#4 N-TETRADECANE

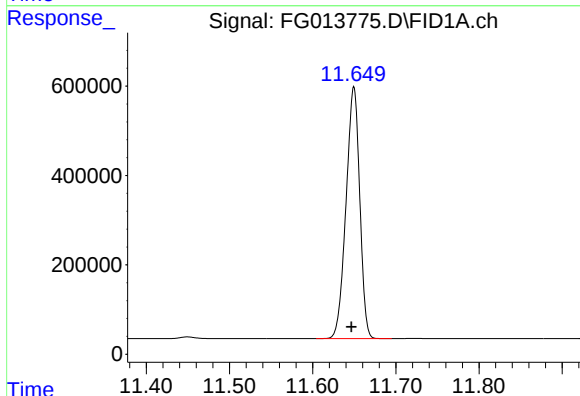
R.T.: 8.588 min
Delta R.T.: 0.002 min
Response: 6319724
Conc: 48.05 ug/ml



#5 N-HEXADECANE

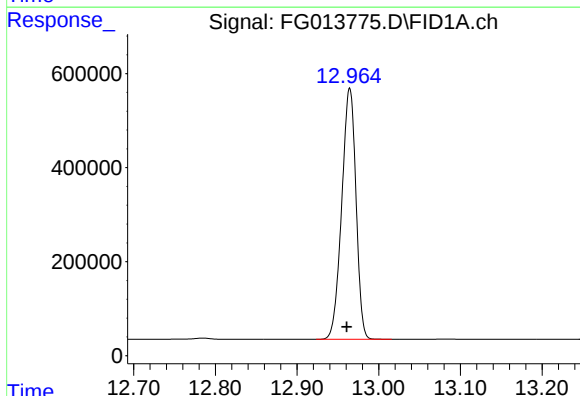
R.T.: 10.201 min
Delta R.T.: 0.003 min
Response: 6348544
Conc: 47.62 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



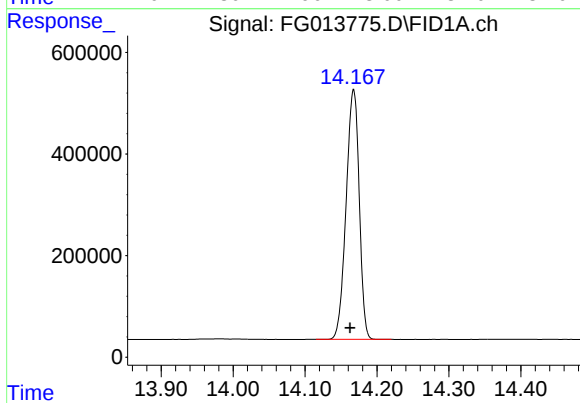
#6 N-OCTADECANE

R.T.: 11.650 min
Delta R.T.: 0.003 min
Response: 6445511
Conc: 47.32 ug/ml



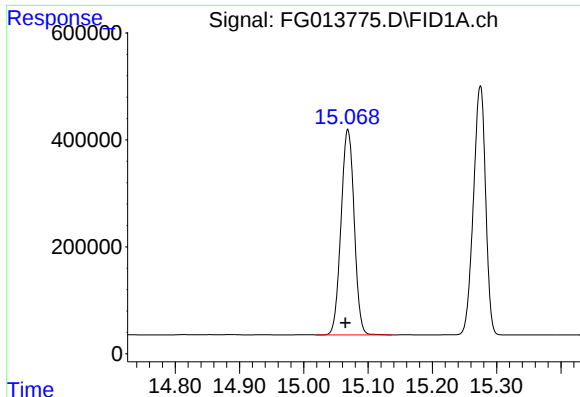
#7 N-EICOSANE

R.T.: 12.965 min
Delta R.T.: 0.004 min
Response: 6476258
Conc: 47.01 ug/ml



#8 N-DOCOSANE

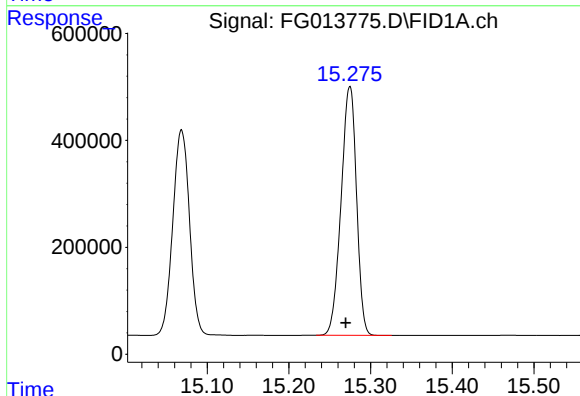
R.T.: 14.168 min
Delta R.T.: 0.005 min
Response: 6209249
Conc: 46.82 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

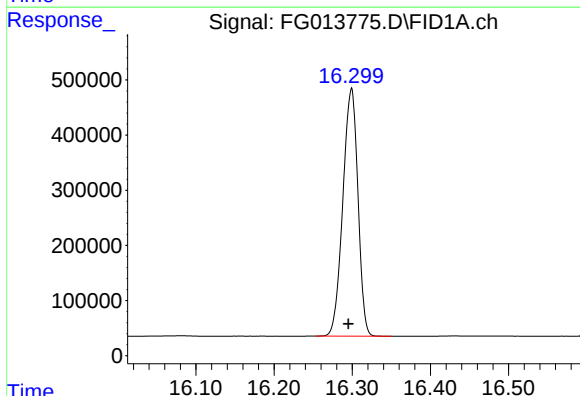
R.T.: 15.069 min
Delta R.T.: 0.004 min
Response: 5463082
Conc: 46.89 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



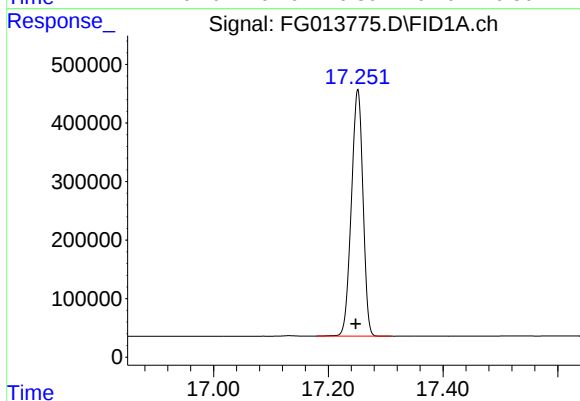
#10 N-TETRACOSANE

R.T.: 15.275 min
Delta R.T.: 0.005 min
Response: 6124430
Conc: 46.40 ug/ml



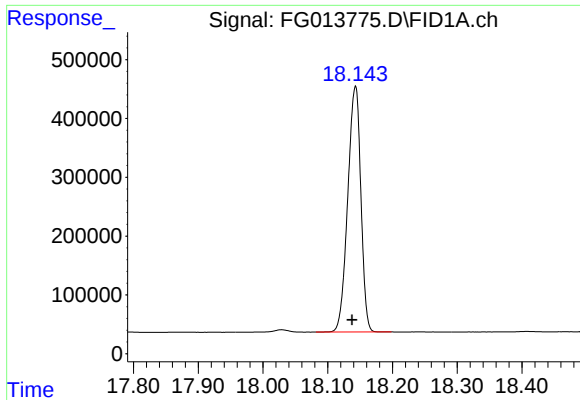
#11 N-HEXACOSANE

R.T.: 16.299 min
Delta R.T.: 0.004 min
Response: 6021417
Conc: 46.37 ug/ml



#12 N-OCTACOSANE

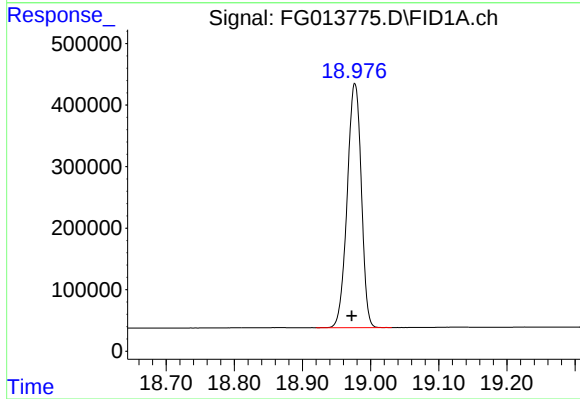
R.T.: 17.251 min
Delta R.T.: 0.003 min
Response: 5887335
Conc: 46.39 ug/ml



#13 N-TRIACONTANE

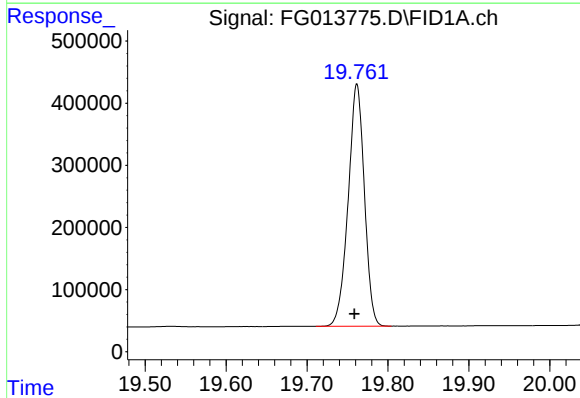
R.T.: 18.143 min
Delta R.T.: 0.006 min
Response: 5872422
Conc: 46.26 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



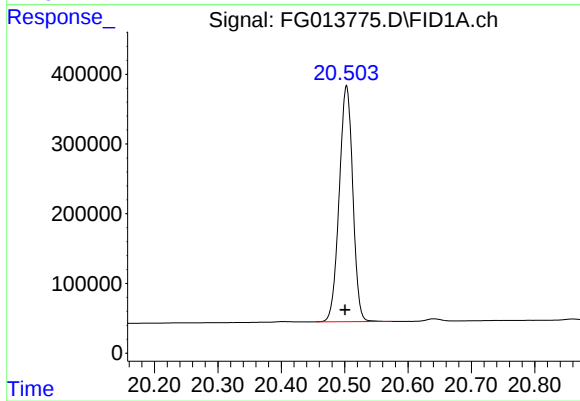
#14 N-DOTRIACONTANE

R.T.: 18.977 min
Delta R.T.: 0.005 min
Response: 5707052
Conc: 44.85 ug/ml



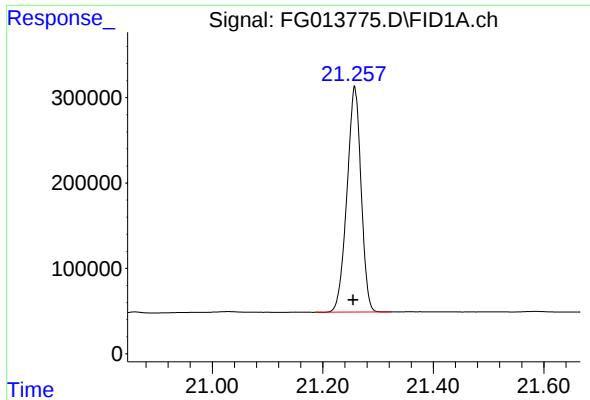
#15 N-TETRATRIACONTANE

R.T.: 19.762 min
Delta R.T.: 0.003 min
Response: 5422875
Conc: 46.42 ug/ml



#16 N-HEXATRIACONTANE

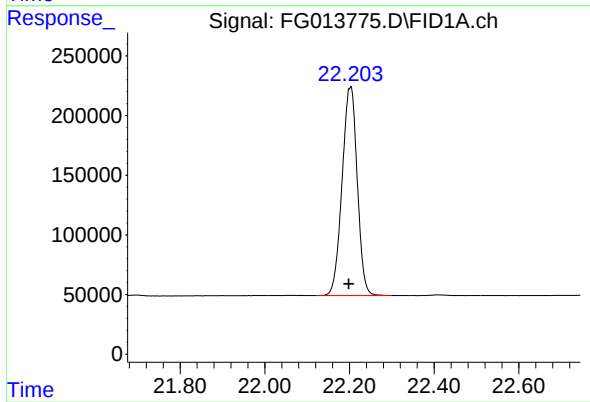
R.T.: 20.503 min
Delta R.T.: 0.003 min
Response: 5031366
Conc: 45.66 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.258 min
Delta R.T.: 0.003 min
Response: 4691112
Conc: 47.03 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.203 min
Delta R.T.: 0.005 min
Response: 4347447
Conc: 44.03 ug/ml