

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080924\
 Data File : FG014098.D
 Signal(s) : FID1A.ch
 Acq On : 09 Aug 2024 12:25
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Aug 10 01:48:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:06 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...	14.941	6640793	54.898 ug/ml
Target Compounds			
1) N-OCTANE	1.955	6572817	54.625 ug/ml
2) N-DECANE	4.460	7164214	57.463 ug/ml
3) N-DODECANE	6.635	7341526	55.640 ug/ml
4) N-TETRADECANE	8.467	7076073	54.119 ug/ml
5) N-HEXADECANE	10.077	7356589	55.197 ug/ml
6) N-OCTADECANE	11.524	7474256	54.693 ug/ml
7) N-EICOSANE	12.837	7357601	55.051 ug/ml
8) N-DOCOSANE	14.038	7239120	54.993 ug/ml
10) N-TETRACOSANE	15.145	7230829	55.395 ug/ml
11) N-HEXACOSANE	16.169	7186967	55.954 ug/ml
12) N-OCTACOSANE	17.120	7274778	57.356 ug/ml
13) N-TRIACONTANE	18.011	7498633	59.611 ug/ml
14) N-DOTRIACONTANE	18.846	7344976	60.198 ug/ml
15) N-TETRATRIACONTANE	19.630	6161547	61.217 ug/ml
16) N-HEXATRIACONTANE	20.372	4786551	57.286 ug/ml
17) N-OCTATRIACONTANE	21.101	3732544	50.044 ug/ml
18) N-TETRACONTANE	21.996	2805888	40.488 ug/ml

(f)=RT Delta > 1/2 Window

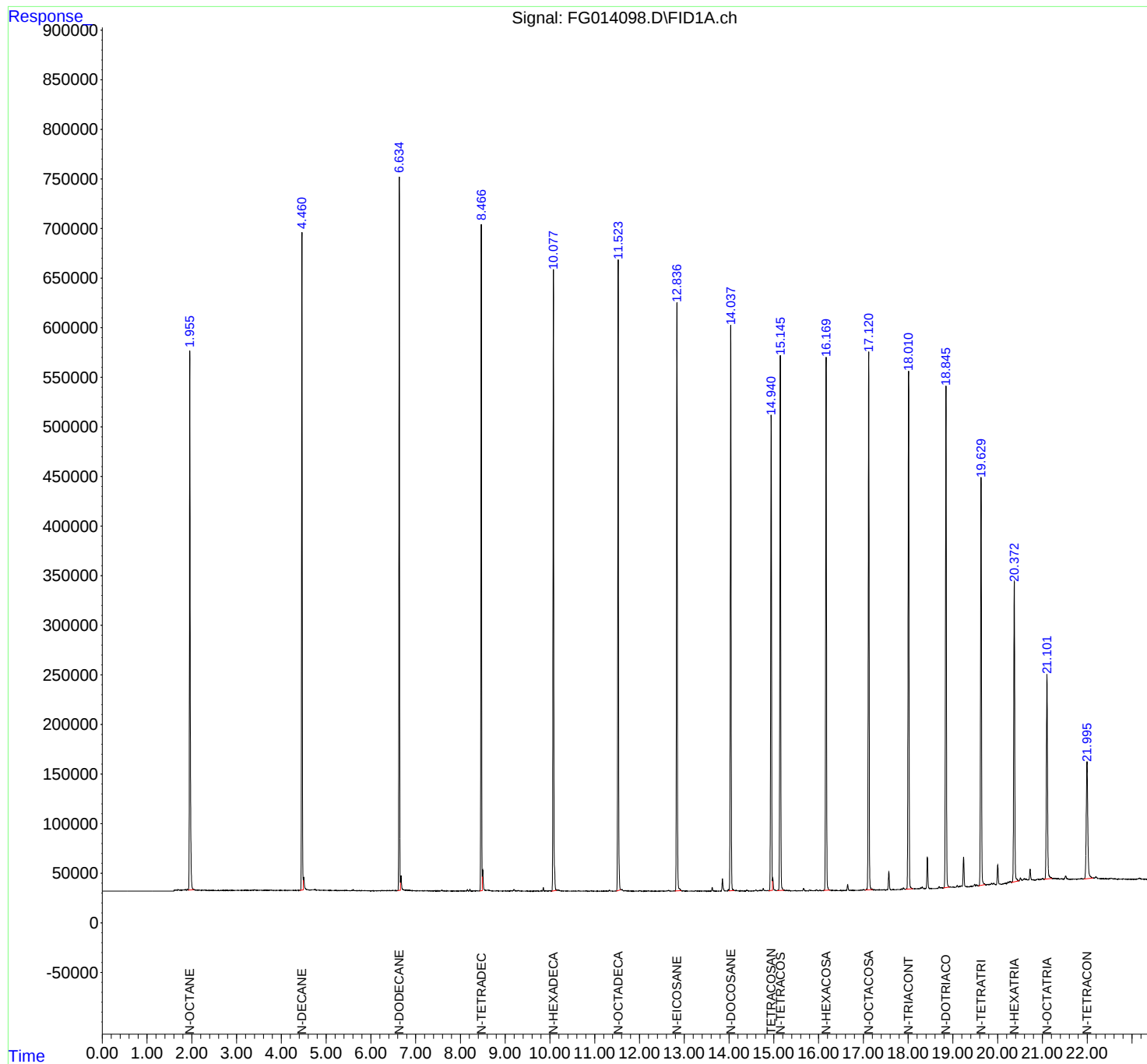
(m)=manual int.

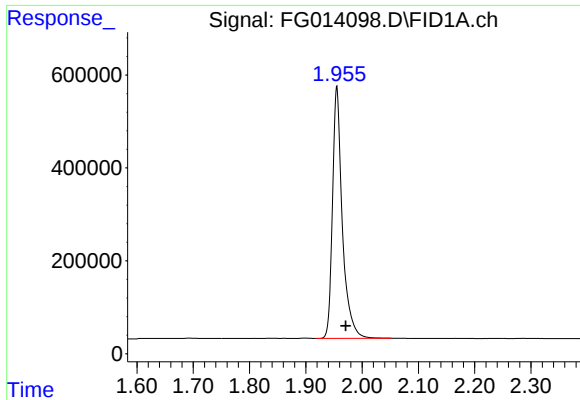
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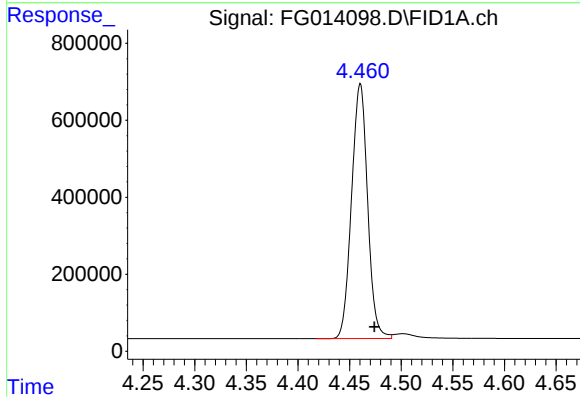




#1 N-OCTANE

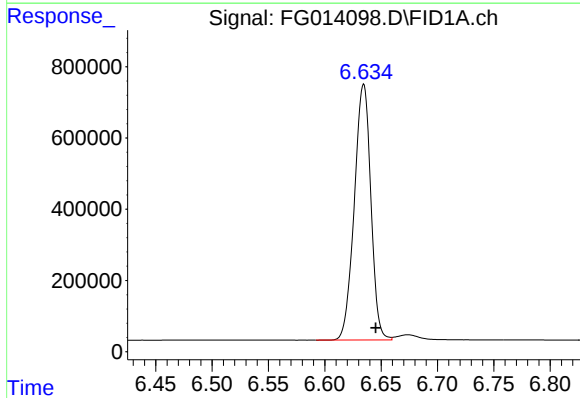
R.T.: 1.955 min
Delta R.T.: -0.016 min
Response: 6572817
Conc: 54.62 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



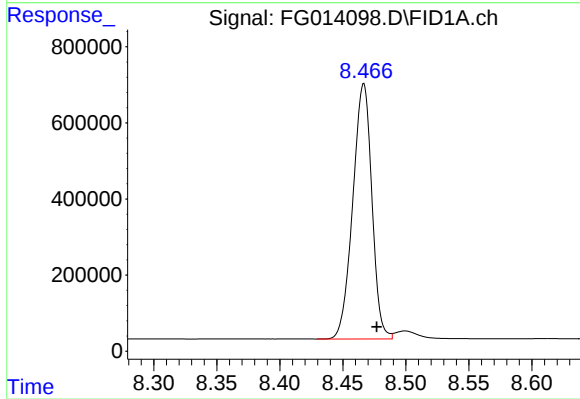
#2 N-DECANE

R.T.: 4.460 min
Delta R.T.: -0.014 min
Response: 7164214
Conc: 57.46 ug/ml



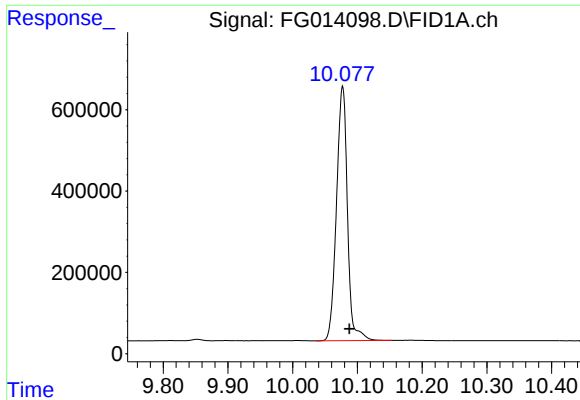
#3 N-DODECANE

R.T.: 6.635 min
Delta R.T.: -0.011 min
Response: 7341526
Conc: 55.64 ug/ml



#4 N-TETRADECANE

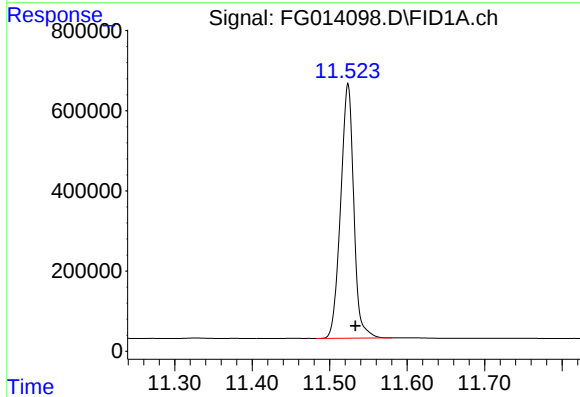
R.T.: 8.467 min
Delta R.T.: -0.010 min
Response: 7076073
Conc: 54.12 ug/ml



#5 N-HEXADECANE

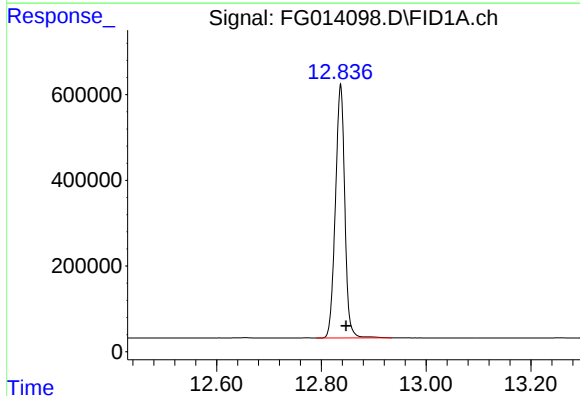
R.T.: 10.077 min
Delta R.T.: -0.010 min
Response: 7356589
Conc: 55.20 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



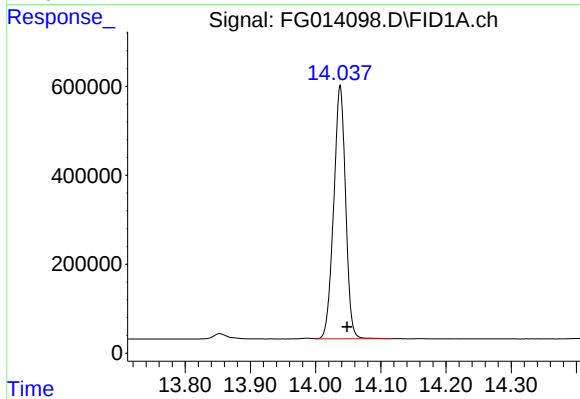
#6 N-OCTADECANE

R.T.: 11.524 min
Delta R.T.: -0.009 min
Response: 7474256
Conc: 54.69 ug/ml



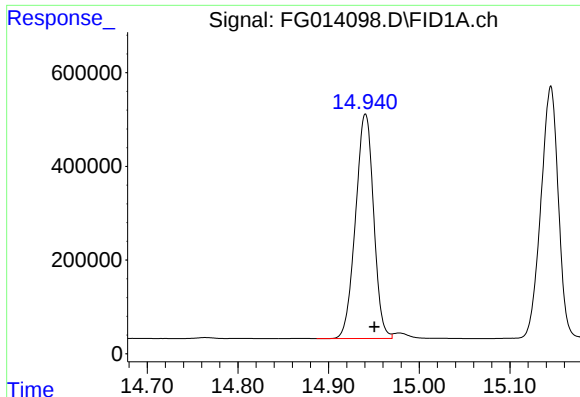
#7 N-EICOSANE

R.T.: 12.837 min
Delta R.T.: -0.010 min
Response: 7357601
Conc: 55.05 ug/ml



#8 N-DOCOSANE

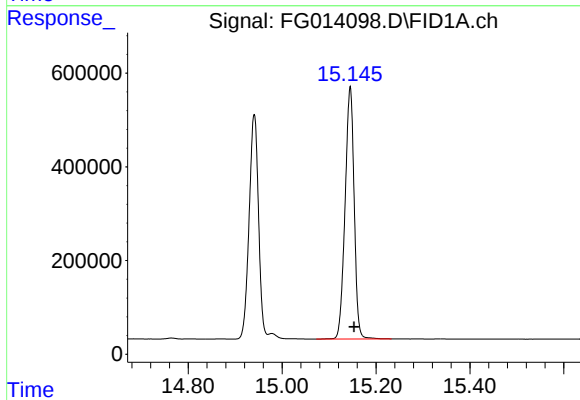
R.T.: 14.038 min
Delta R.T.: -0.011 min
Response: 7239120
Conc: 54.99 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

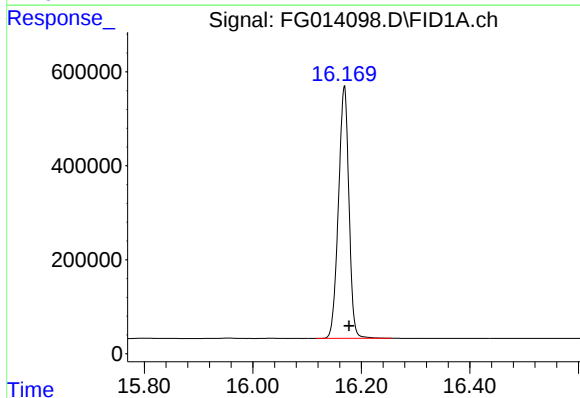
R.T.: 14.941 min
Delta R.T.: -0.010 min
Response: 6640793
Conc: 54.90 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



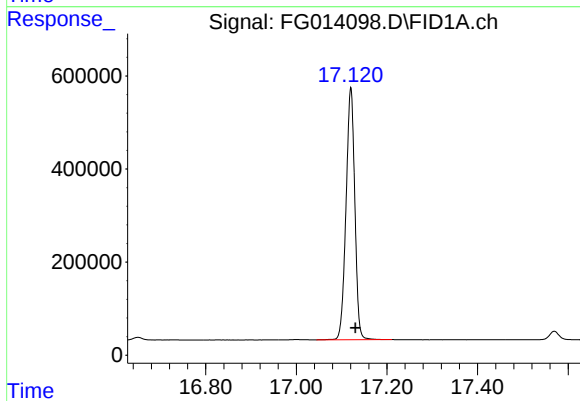
#10 N-TETRACOSANE

R.T.: 15.145 min
Delta R.T.: -0.008 min
Response: 7230829
Conc: 55.40 ug/ml



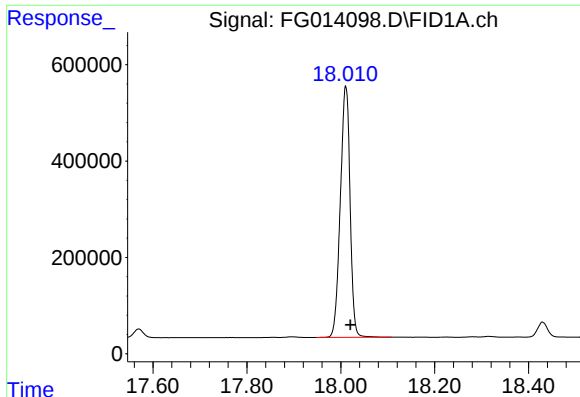
#11 N-HEXACOSANE

R.T.: 16.169 min
Delta R.T.: -0.008 min
Response: 7186967
Conc: 55.95 ug/ml



#12 N-OCTACOSANE

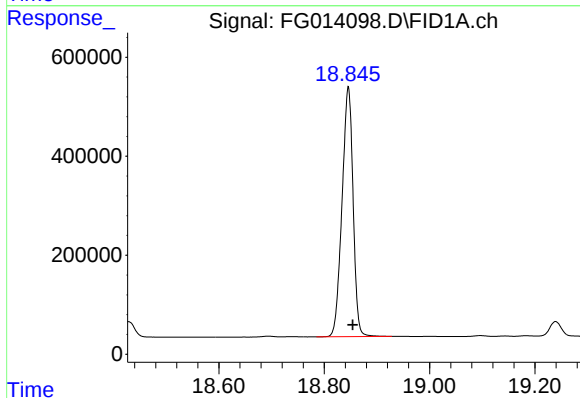
R.T.: 17.120 min
Delta R.T.: -0.010 min
Response: 7274778
Conc: 57.36 ug/ml



#13 N-TRIACONTANE

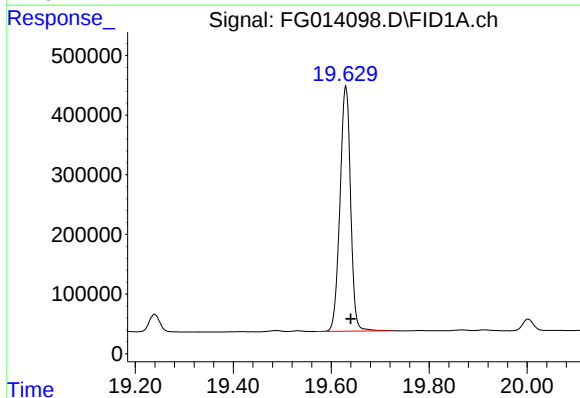
R.T.: 18.011 min
Delta R.T.: -0.010 min
Response: 7498633
Conc: 59.61 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



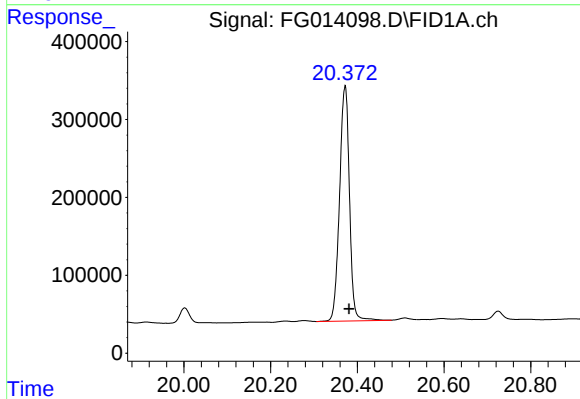
#14 N-DOTRIACONTANE

R.T.: 18.846 min
Delta R.T.: -0.008 min
Response: 7344976
Conc: 60.20 ug/ml



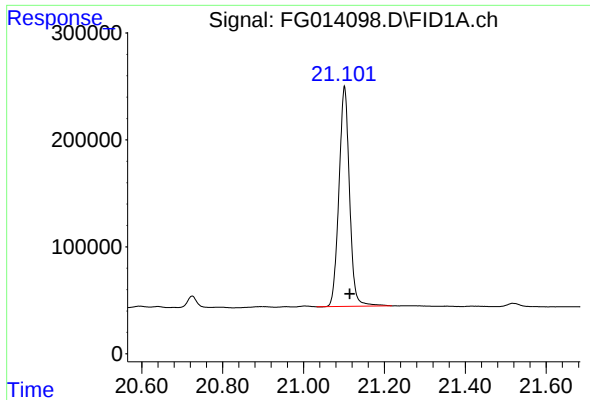
#15 N-TETRATRIACONTANE

R.T.: 19.630 min
Delta R.T.: -0.010 min
Response: 6161547
Conc: 61.22 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.372 min
Delta R.T.: -0.009 min
Response: 4786551
Conc: 57.29 ug/ml



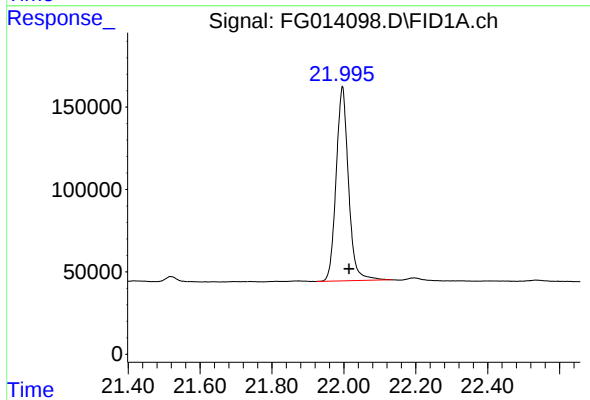
#17 N-OCTATRIACONTANE

R.T.: 21.101 min
Delta R.T.: -0.013 min
Response: 3732544
Conc: 50.04 ug/ml

Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.996 min
Delta R.T.: -0.019 min
Response: 2805888
Conc: 40.49 ug/ml