

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041522\
 Data File : FG009631.D
 Signal(s) : FID1A.ch
 Acq On : 15 Apr 2022 11:54
 Operator : AJ\MA
 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: Apr 18 08:56:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG040122.M
 Quant Title :
 QLast Update : Fri Apr 08 10:19:35 2022
 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...	14.629	5837378	45.312 ug/ml
Target Compounds			
1) N-OCTANE	2.225	7211985	49.364 ug/ml
2) N-DECANE	4.322	7301249	49.175 ug/ml
3) N-DODECANE	6.350	7346817	48.747 ug/ml
4) N-TETRADECANE	8.151	7328384	47.842 ug/ml
5) N-HEXADECANE	9.758	7223410	46.809 ug/ml
6) N-OCTADECANE	11.207	7231046	45.959 ug/ml
7) N-EICOSANE	12.521	6854291	45.256 ug/ml
8) N-DOCOSANE	13.725	6664615	45.160 ug/ml
10) N-TETRACOSANE	14.833	6516160	45.455 ug/ml
11) N-HEXACOSANE	15.860	6380336	46.446 ug/ml
12) N-OCTACOSANE	16.813	6279261	48.113 ug/ml
13) N-TRIACONTANE	17.706	6131355	49.655 ug/ml
14) N-DOTRIACONTANE	18.542	5697013	49.079 ug/ml
15) N-TETRATRIACONTANE	19.328	4535004	42.650 ug/ml
16) N-HEXATRIACONTANE	20.069	3056035	32.273 ug/ml
17) N-OCTATRIACONTANE	20.811	2089669	24.267 ug/ml
18) N-TETRACONTANE	21.721	1713294	19.852 ug/ml

(f)=RT Delta > 1/2 Window

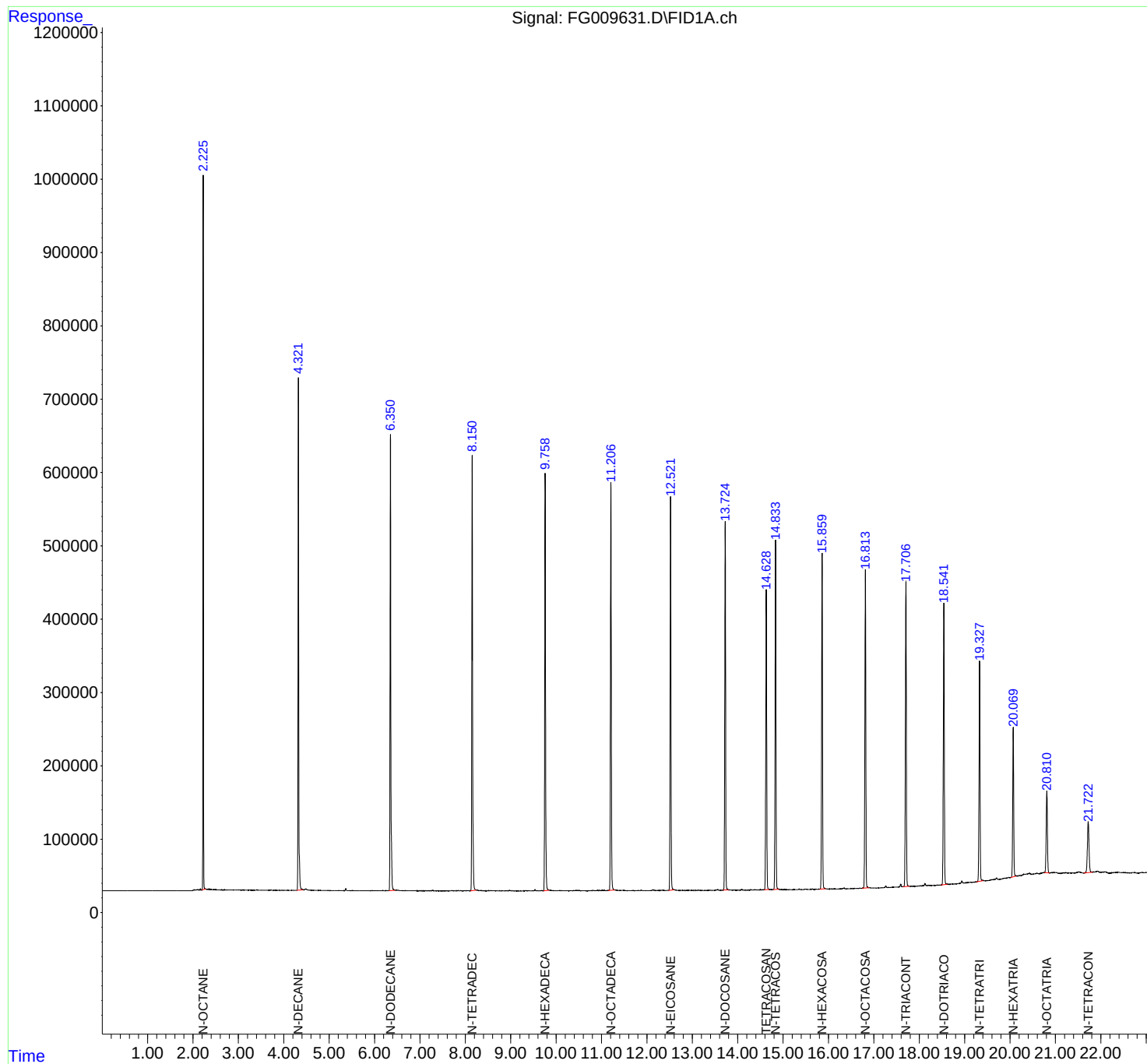
(m)=manual int.

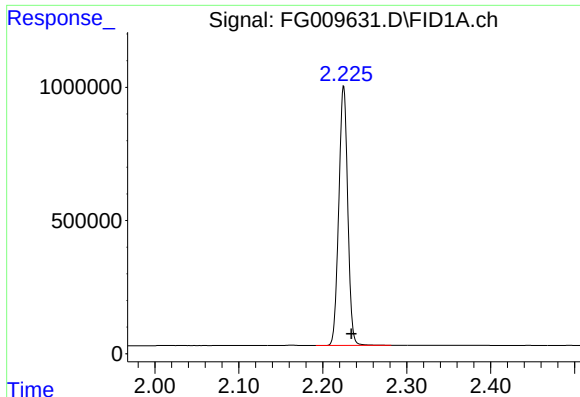
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Signal Info : 20mx0.18mmx0.18um

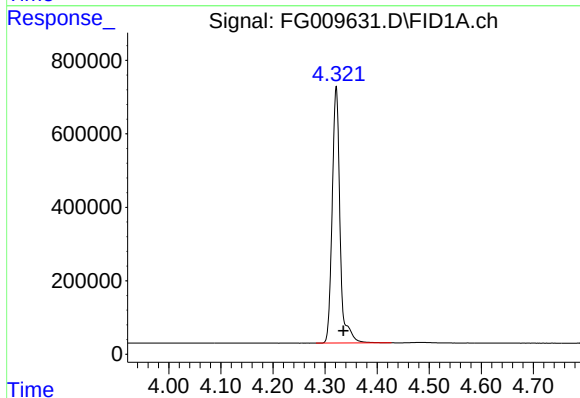




#1 N-OCTANE

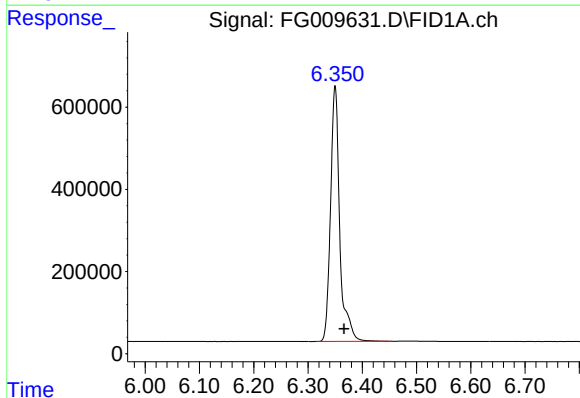
R.T.: 2.225 min
Delta R.T.: -0.009 min
Response: 7211985
Conc: 49.36 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



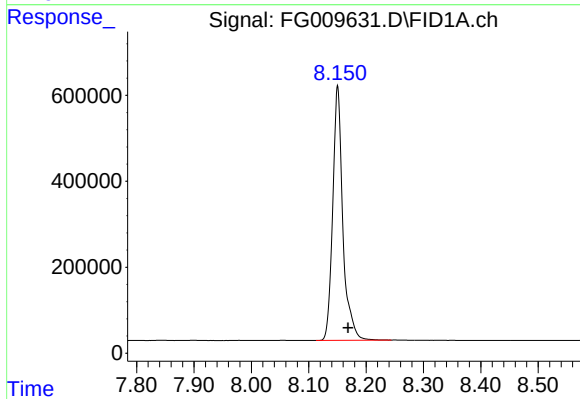
#2 N-DECANE

R.T.: 4.322 min
Delta R.T.: -0.014 min
Response: 7301249
Conc: 49.18 ug/ml



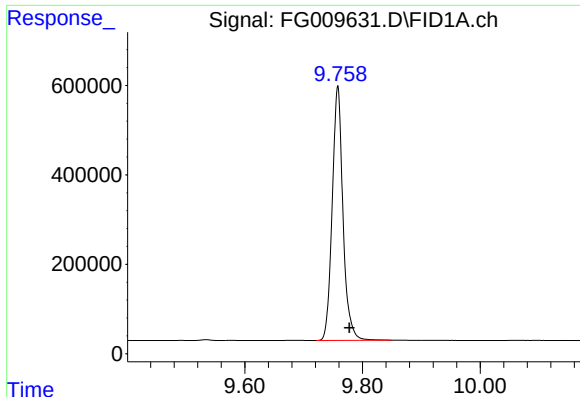
#3 N-DODECANE

R.T.: 6.350 min
Delta R.T.: -0.017 min
Response: 7346817
Conc: 48.75 ug/ml



#4 N-TETRADECANE

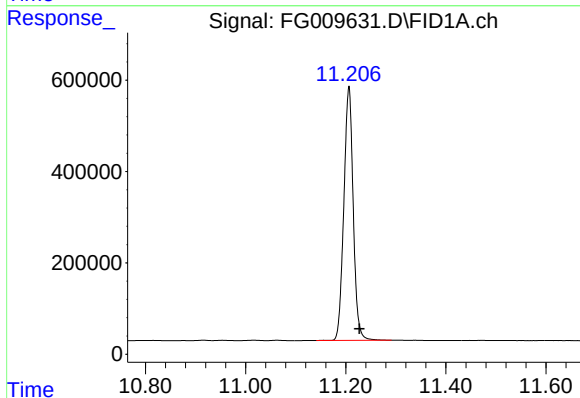
R.T.: 8.151 min
Delta R.T.: -0.018 min
Response: 7328384
Conc: 47.84 ug/ml



#5 N-HEXADECANE

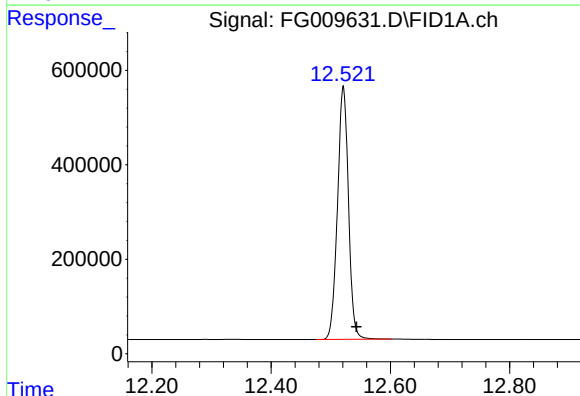
R.T.: 9.758 min
Delta R.T.: -0.020 min
Response: 7223410
Conc: 46.81 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



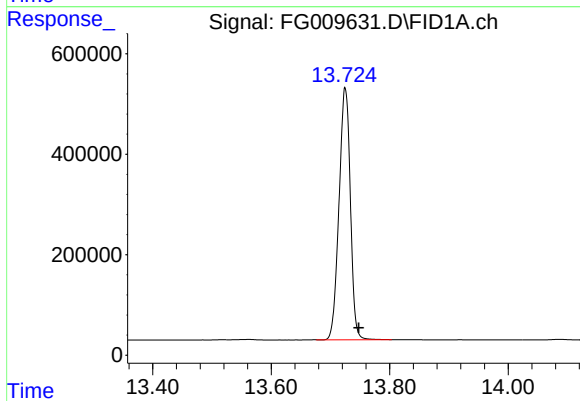
#6 N-OCTADECANE

R.T.: 11.207 min
Delta R.T.: -0.021 min
Response: 7231046
Conc: 45.96 ug/ml



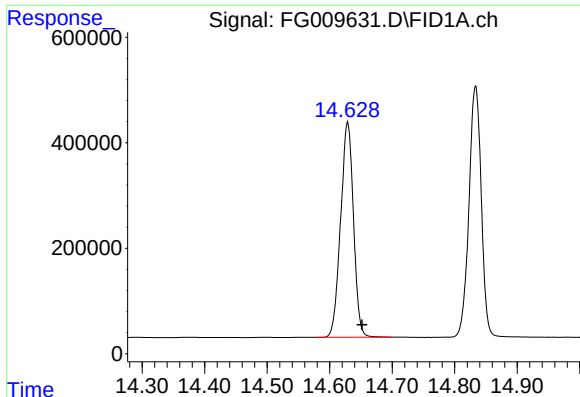
#7 N-EICOSANE

R.T.: 12.521 min
Delta R.T.: -0.022 min
Response: 6854291
Conc: 45.26 ug/ml



#8 N-DOCOSANE

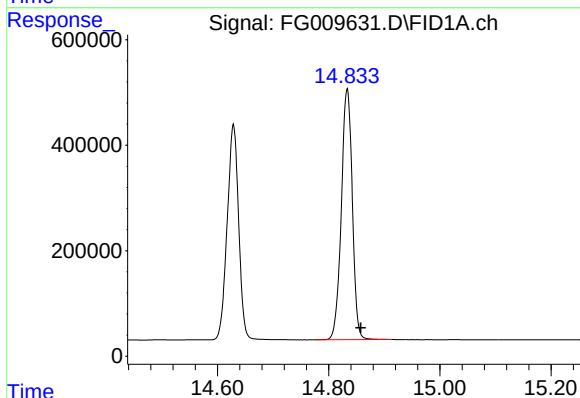
R.T.: 13.725 min
Delta R.T.: -0.023 min
Response: 6664615
Conc: 45.16 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

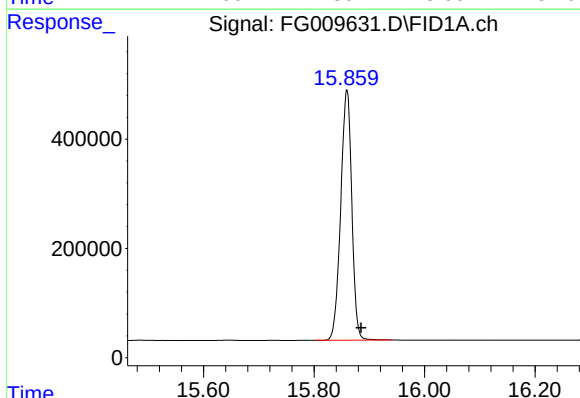
R.T.: 14.629 min
Delta R.T.: -0.023 min
Response: 5837378
Conc: 45.31 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



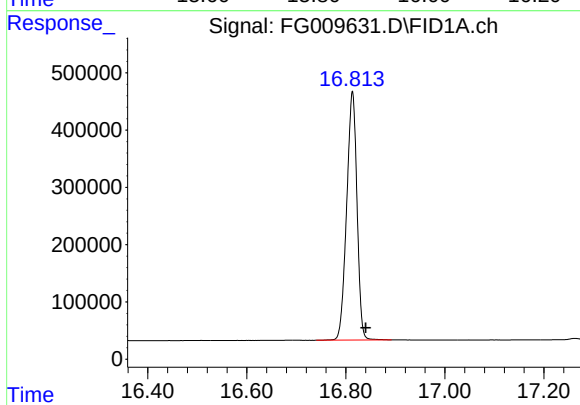
#10 N-TETRACOSANE

R.T.: 14.833 min
Delta R.T.: -0.024 min
Response: 6516160
Conc: 45.45 ug/ml



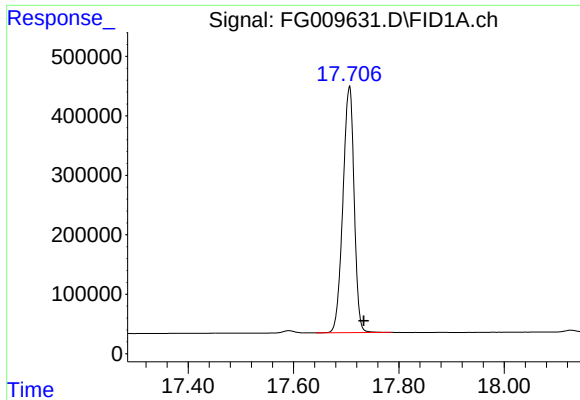
#11 N-HEXACOSANE

R.T.: 15.860 min
Delta R.T.: -0.025 min
Response: 6380336
Conc: 46.45 ug/ml



#12 N-OCTACOSANE

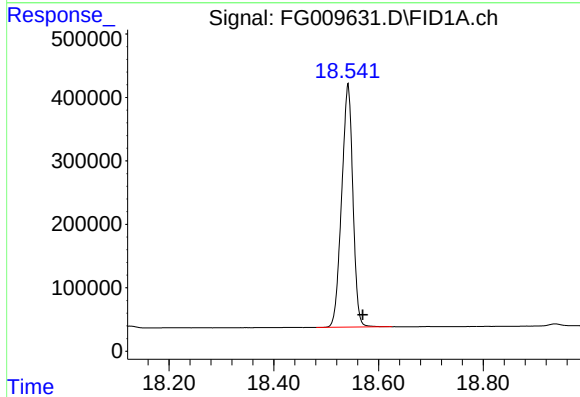
R.T.: 16.813 min
Delta R.T.: -0.027 min
Response: 6279261
Conc: 48.11 ug/ml



#13 N-TRIACONTANE

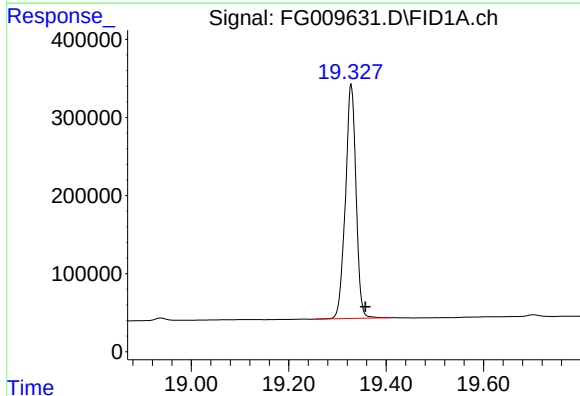
R.T.: 17.706 min
Delta R.T.: -0.027 min
Response: 6131355
Conc: 49.65 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



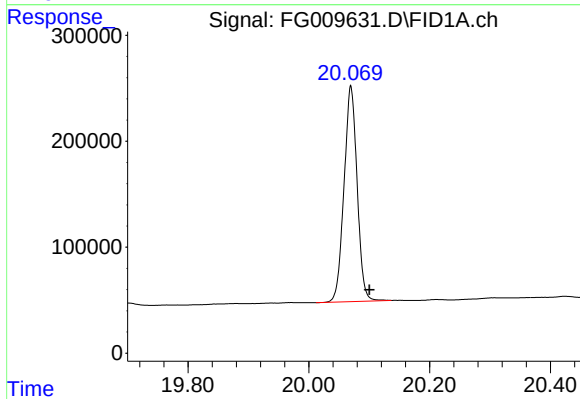
#14 N-DOTRIACONTANE

R.T.: 18.542 min
Delta R.T.: -0.028 min
Response: 5697013
Conc: 49.08 ug/ml



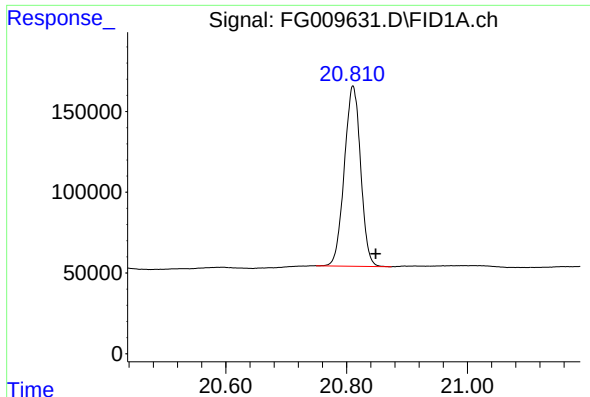
#15 N-TETRATRIACONTANE

R.T.: 19.328 min
Delta R.T.: -0.030 min
Response: 4535004
Conc: 42.65 ug/ml



#16 N-HEXATRIACONTANE

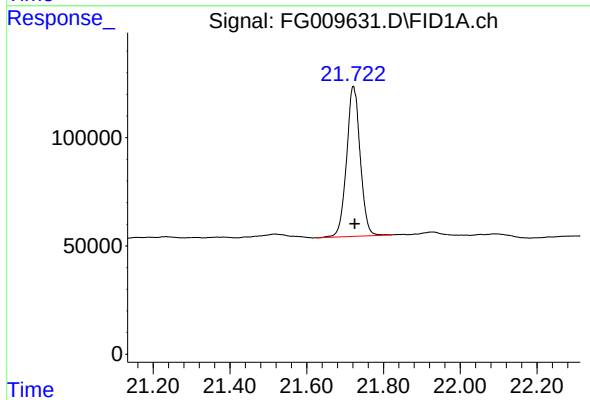
R.T.: 20.069 min
Delta R.T.: -0.031 min
Response: 3056035
Conc: 32.27 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.811 min
Delta R.T.: -0.038 min
Response: 2089669
Conc: 24.27 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.721 min
Delta R.T.: -0.004 min
Response: 1713294
Conc: 19.85 ug/ml