

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041122\
 Data File : FG009574.D
 Signal(s) : FID1A.ch
 Acq On : 11 Apr 2022 11:45
 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 11 13:24:47 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...	14.639	5555149	43.121 ug/ml
Target Compounds			
1) N-OCTANE	2.231	7101917	48.611 ug/ml
2) N-DECANE	4.328	7164241	48.252 ug/ml
3) N-DODECANE	6.357	7193162	47.728 ug/ml
4) N-TETRADECANE	8.159	7196119	46.978 ug/ml
5) N-HEXADECANE	9.767	7120052	46.139 ug/ml
6) N-OCTADECANE	11.215	7136208	45.356 ug/ml
7) N-EICOSANE	12.531	6730232	44.437 ug/ml
8) N-DOCOSANE	13.734	6428910	43.563 ug/ml
10) N-TETRACOSANE	14.843	6169552	43.037 ug/ml
11) N-HEXACOSANE	15.869	5891971	42.891 ug/ml
12) N-OCTACOSANE	16.824	5669967	43.445 ug/ml
13) N-TRIACONTANE	17.715	5490365	44.464 ug/ml
14) N-DOTRIACONTANE	18.552	5273110	45.427 ug/ml
15) N-TETRATRIACONTANE	19.338	4829693	45.421 ug/mlm
16) N-HEXATRIACONTANE	20.080	4201284	44.368 ug/mlm
17) N-OCTATRIACONTANE	20.825	3704968	43.025 ug/mlm
18) N-TETRACONTANE	21.746	3648492	42.274 ug/ml

(f)=RT Delta > 1/2 Window

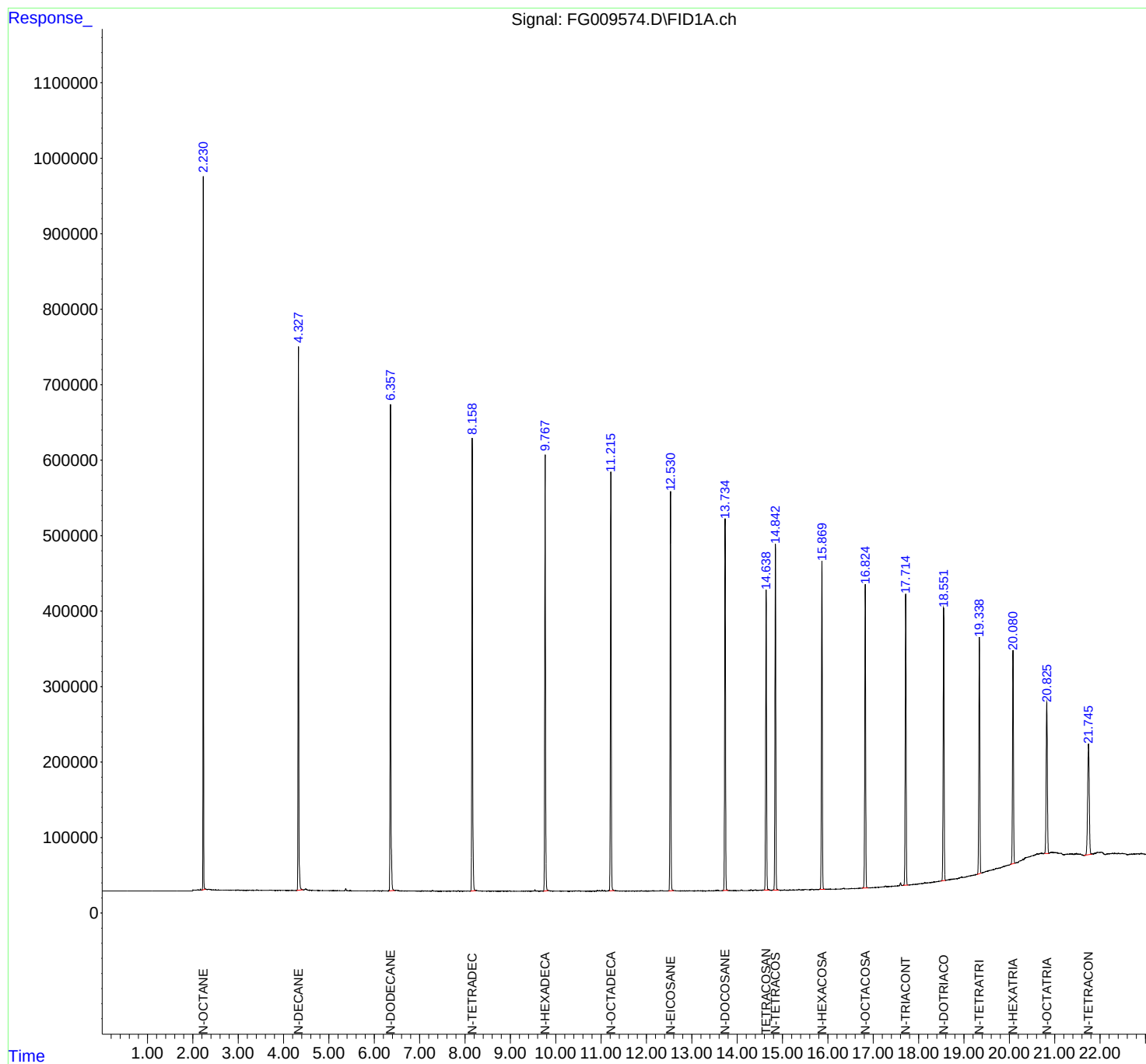
(m)=manual int.

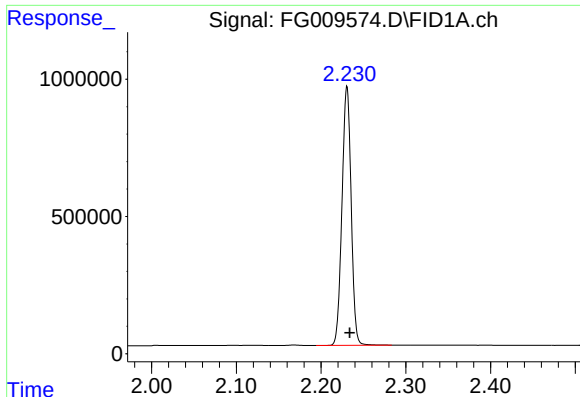
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Signal Info : 20mx0.18mmx0.18um

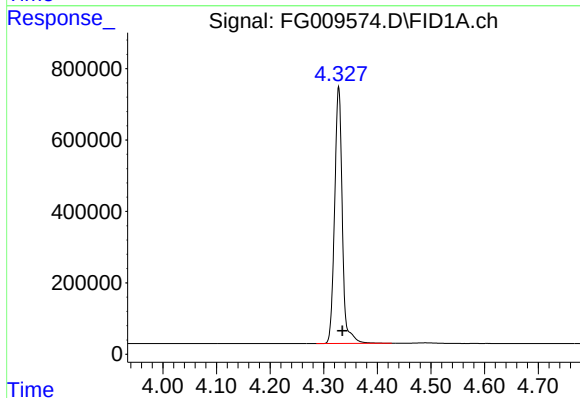




#1 N-OCTANE

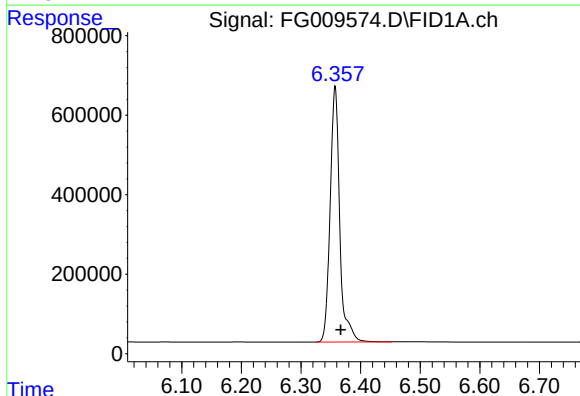
R.T.: 2.231 min
Delta R.T.: -0.003 min
Response: 7101917
Conc: 48.61 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



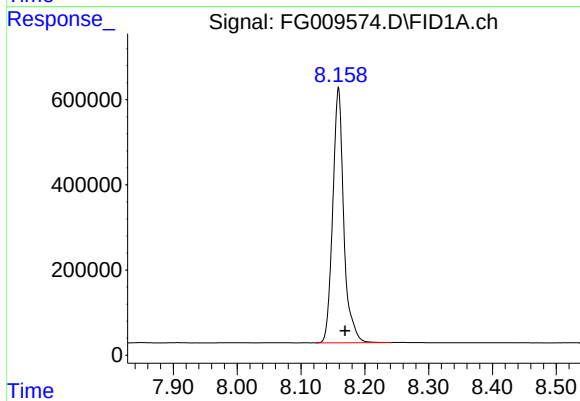
#2 N-DECANE

R.T.: 4.328 min
Delta R.T.: -0.007 min
Response: 7164241
Conc: 48.25 ug/ml



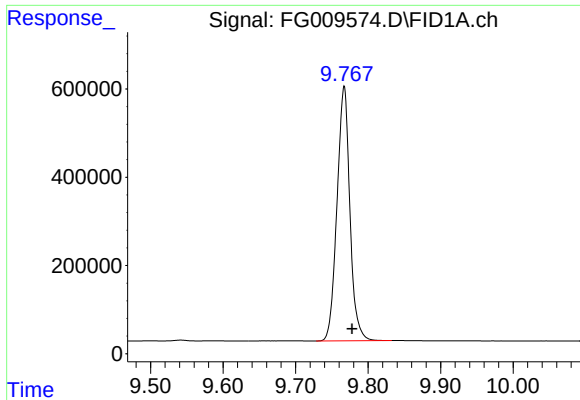
#3 N-DODECANE

R.T.: 6.357 min
Delta R.T.: -0.009 min
Response: 7193162
Conc: 47.73 ug/ml



#4 N-TETRADECANE

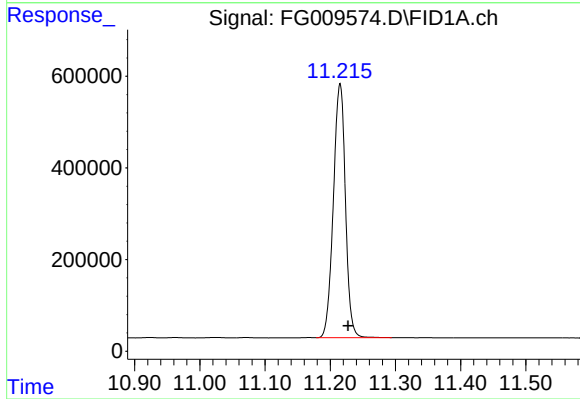
R.T.: 8.159 min
Delta R.T.: -0.010 min
Response: 7196119
Conc: 46.98 ug/ml



#5 N-HEXADECANE

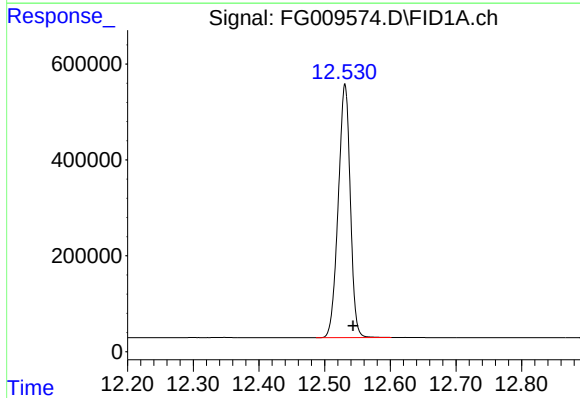
R.T.: 9.767 min
Delta R.T.: -0.011 min
Response: 7120052
Conc: 46.14 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



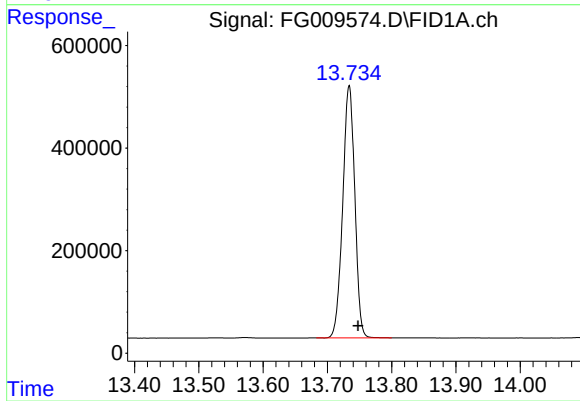
#6 N-OCTADECANE

R.T.: 11.215 min
Delta R.T.: -0.012 min
Response: 7136208
Conc: 45.36 ug/ml



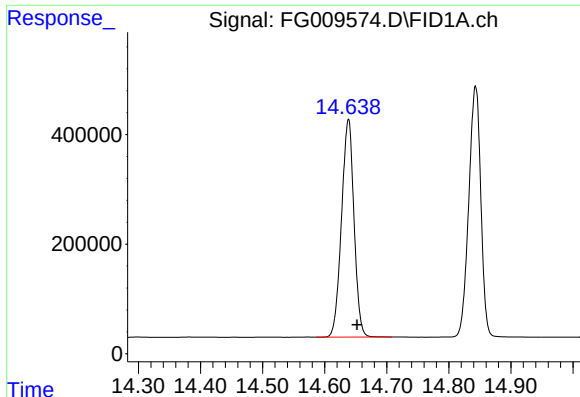
#7 N-EICOSANE

R.T.: 12.531 min
Delta R.T.: -0.012 min
Response: 6730232
Conc: 44.44 ug/ml



#8 N-DOCOSANE

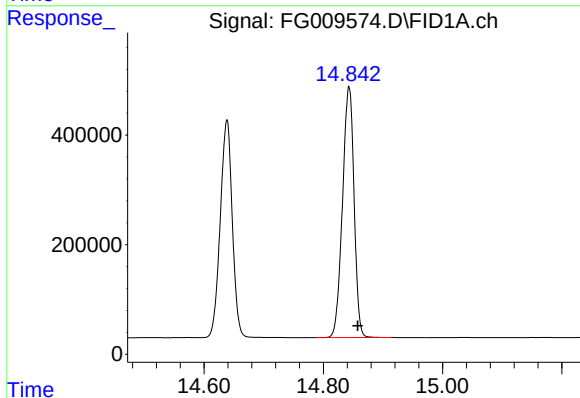
R.T.: 13.734 min
Delta R.T.: -0.014 min
Response: 6428910
Conc: 43.56 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

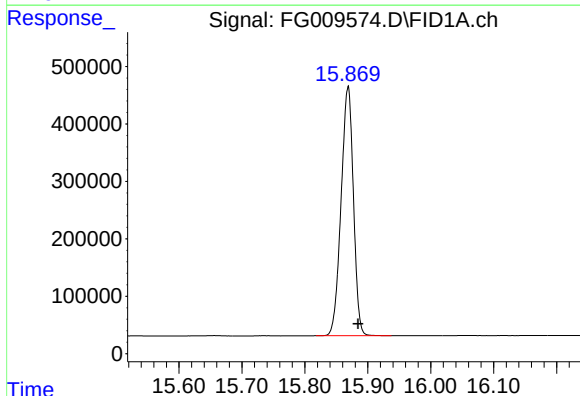
R.T.: 14.639 min
Delta R.T.: -0.013 min
Response: 5555149
Conc: 43.12 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



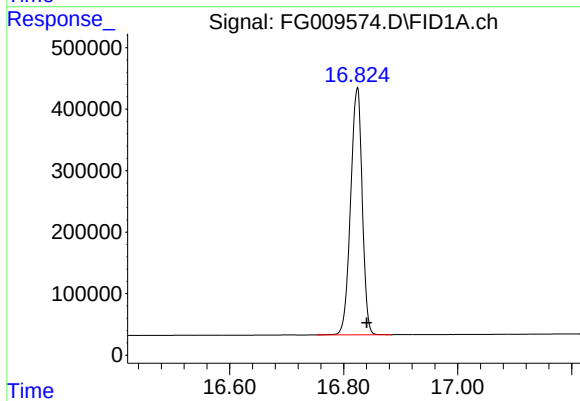
#10 N-TETRACOSANE

R.T.: 14.843 min
Delta R.T.: -0.014 min
Response: 6169552
Conc: 43.04 ug/ml



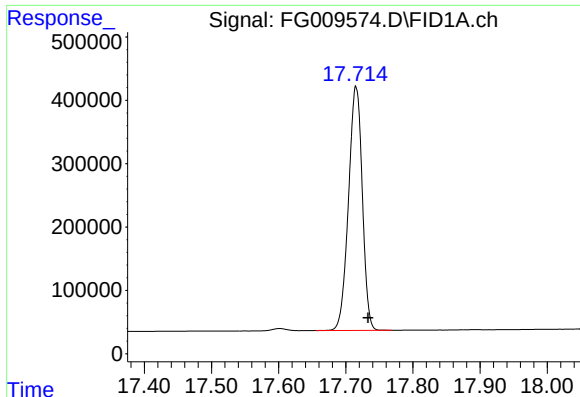
#11 N-HEXACOSANE

R.T.: 15.869 min
Delta R.T.: -0.016 min
Response: 5891971
Conc: 42.89 ug/ml



#12 N-OCTACOSANE

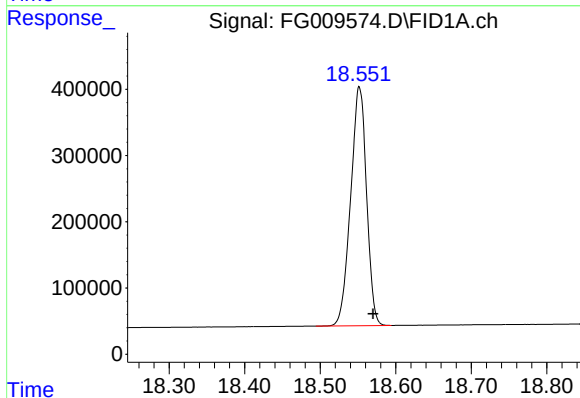
R.T.: 16.824 min
Delta R.T.: -0.016 min
Response: 5669967
Conc: 43.44 ug/ml



#13 N-TRIACONTANE

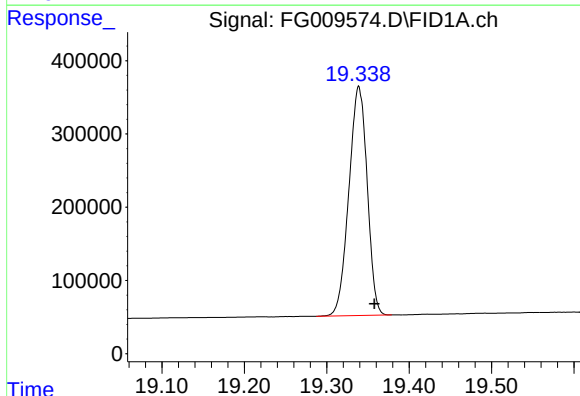
R.T.: 17.715 min
Delta R.T.: -0.018 min
Response: 5490365
Conc: 44.46 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



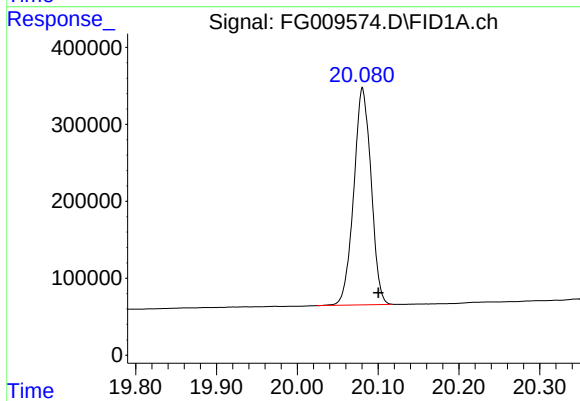
#14 N-DOTRIACONTANE

R.T.: 18.552 min
Delta R.T.: -0.018 min
Response: 5273110
Conc: 45.43 ug/ml



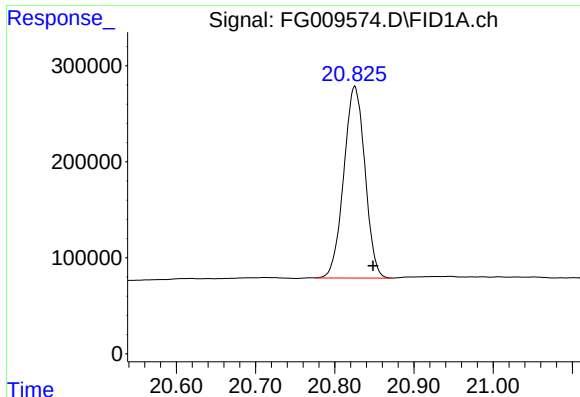
#15 N-TETRATRIACONTANE

R.T.: 19.338 min
Delta R.T.: -0.019 min
Response: 4829693
Conc: 45.42 ug/ml m



#16 N-HEXATRIACONTANE

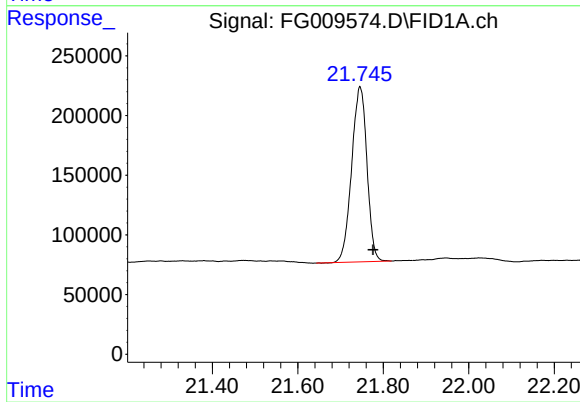
R.T.: 20.080 min
Delta R.T.: -0.020 min
Response: 4201284
Conc: 44.37 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.825 min
Delta R.T.: -0.023 min
Response: 3704968
Conc: 43.02 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.746 min
Delta R.T.: -0.031 min
Response: 3648492
Conc: 42.27 ug/ml