

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016030.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 01:53
 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: Jun 11 05:58:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 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...	14.974	6024226	49.153 ug/ml
Target Compounds			
1) N-OCTANE	1.948	6259367	53.234 ug/ml
2) N-DECANE	4.474	6524318	55.527 ug/ml
3) N-DODECANE	6.658	6754688	55.653 ug/ml
4) N-TETRADECANE	8.494	6922241	54.211 ug/ml
5) N-HEXADECANE	10.108	7008945	52.608 ug/ml
6) N-OCTADECANE	11.556	7138291	51.725 ug/ml
7) N-EICOSANE	12.871	7184415	50.854 ug/ml
8) N-DOCOSANE	14.072	6907241	50.284 ug/ml
10) N-TETRACOSANE	15.179	6809753	49.536 ug/ml
11) N-HEXACOSANE	16.203	6681196	49.174 ug/ml
12) N-OCTACOSANE	17.155	6548022	48.567 ug/ml
13) N-TRIACONTANE	18.044	6594110	48.327 ug/ml
14) N-DOTRIACONTANE	18.879	6355180	47.450 ug/ml
15) N-TETRATRIACONTANE	19.664	5754047	47.450 ug/ml
16) N-HEXATRIACONTANE	20.404	4932062	46.186 ug/ml
17) N-OCTATRIACONTANE	21.140	4373028	45.568 ug/ml
18) N-TETRACONTANE	22.047	4077126	46.356 ug/ml

(f)=RT Delta > 1/2 Window

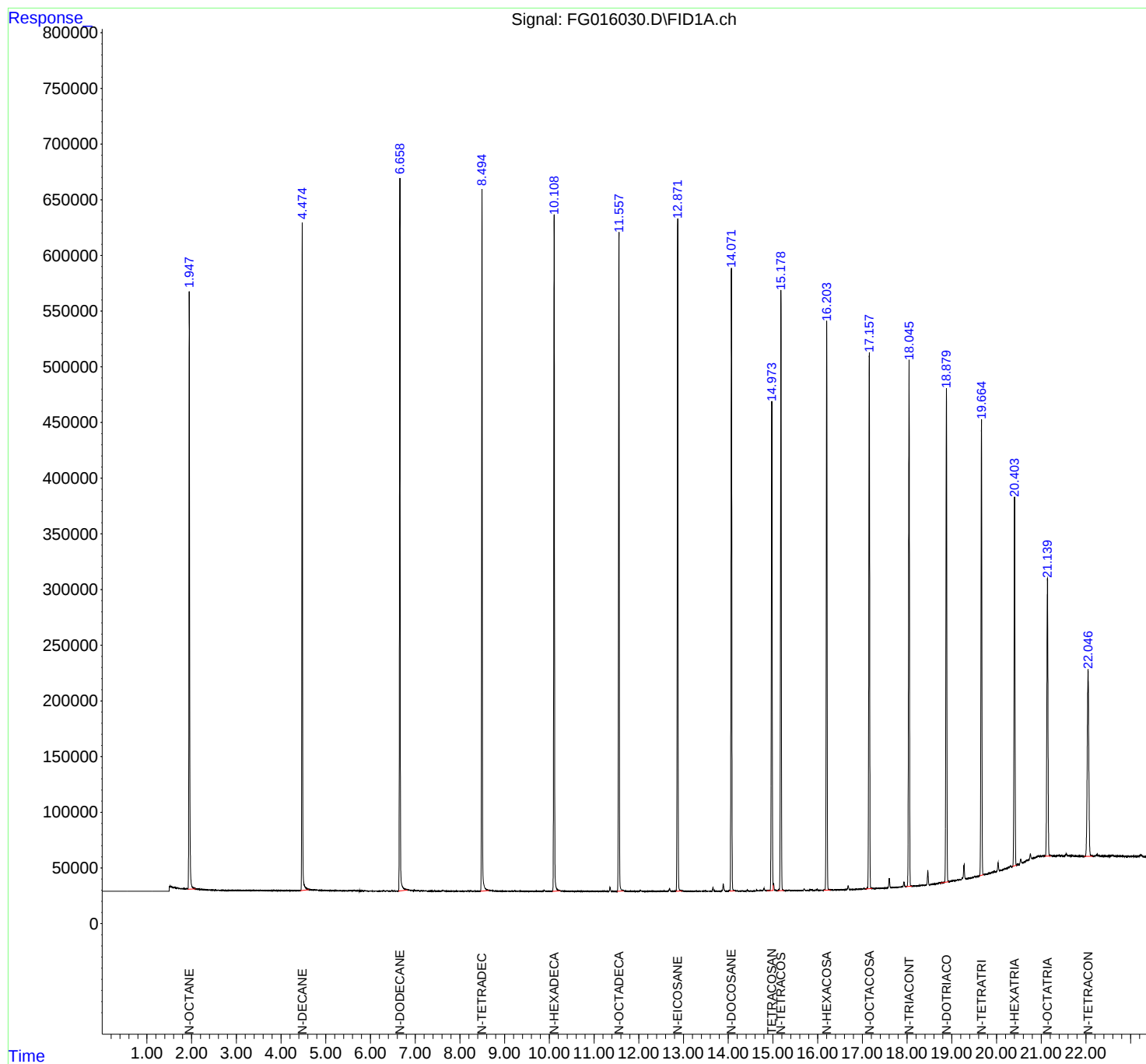
(m)=manual int.

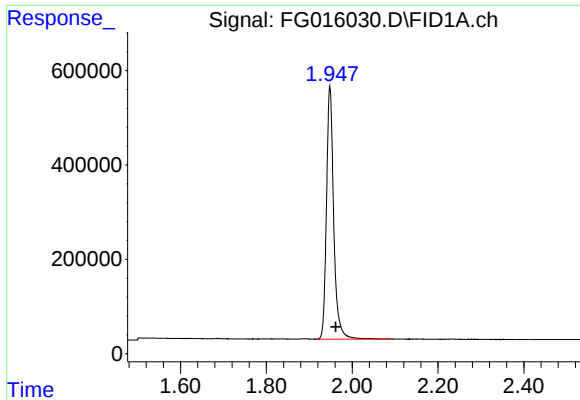
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

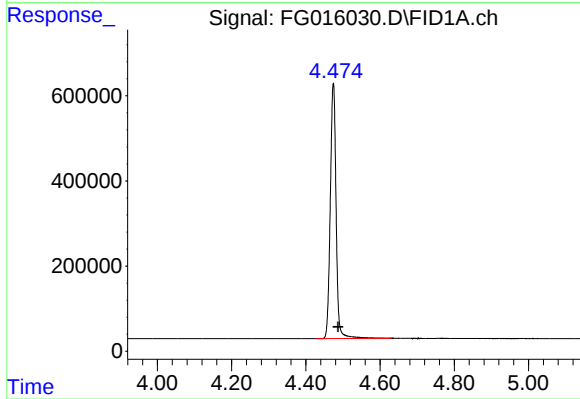




#1 N-OCTANE

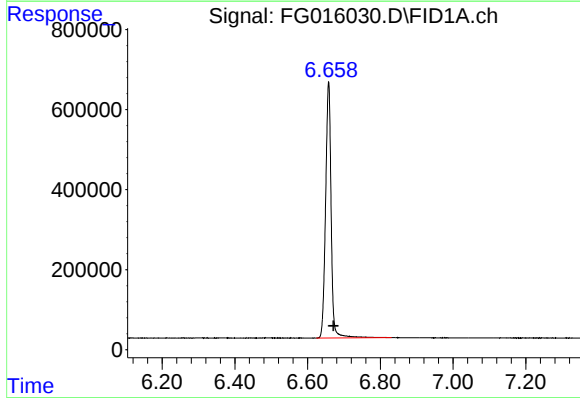
R.T.: 1.948 min
Delta R.T.: -0.014 min
Response: 6259367
Conc: 53.23 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



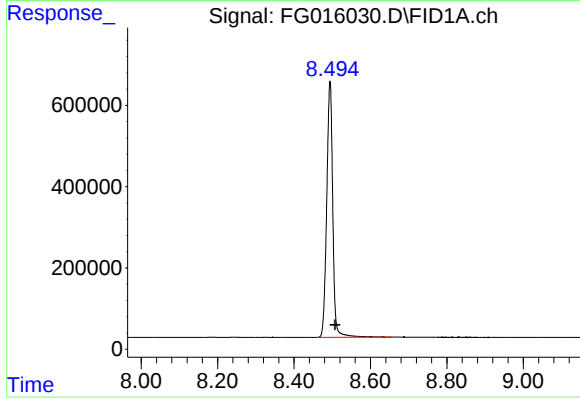
#2 N-DECANE

R.T.: 4.474 min
Delta R.T.: -0.013 min
Response: 6524318
Conc: 55.53 ug/ml



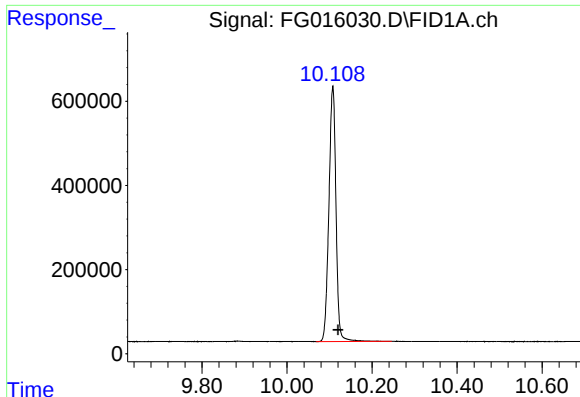
#3 N-DODECANE

R.T.: 6.658 min
Delta R.T.: -0.012 min
Response: 6754688
Conc: 55.65 ug/ml



#4 N-TETRADECANE

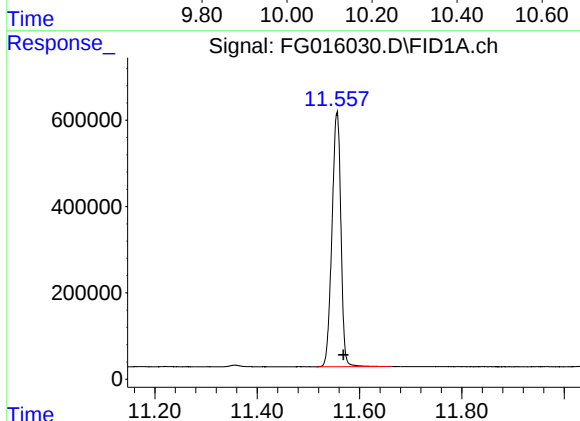
R.T.: 8.494 min
Delta R.T.: -0.013 min
Response: 6922241
Conc: 54.21 ug/ml



#5 N-HEXADECANE

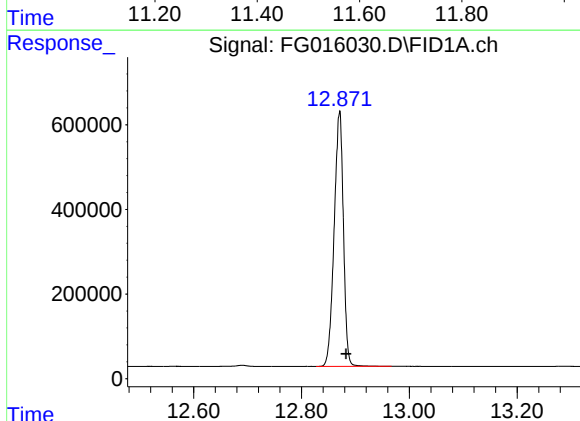
R.T.: 10.108 min
Delta R.T.: -0.012 min
Response: 7008945
Conc: 52.61 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



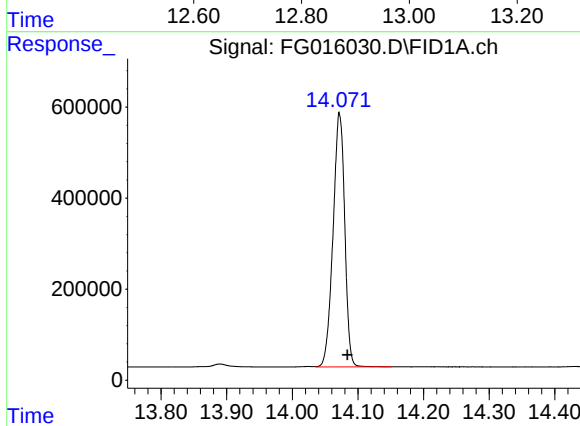
#6 N-OCTADECANE

R.T.: 11.556 min
Delta R.T.: -0.013 min
Response: 7138291
Conc: 51.72 ug/ml



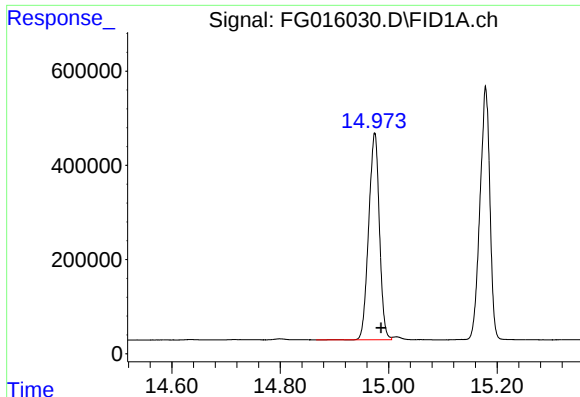
#7 N-EICOSANE

R.T.: 12.871 min
Delta R.T.: -0.012 min
Response: 7184415
Conc: 50.85 ug/ml



#8 N-DOCOSANE

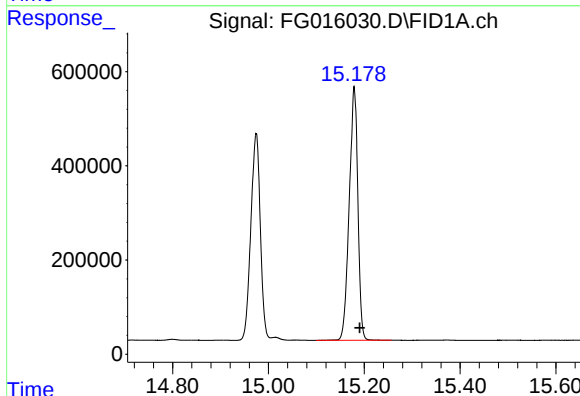
R.T.: 14.072 min
Delta R.T.: -0.012 min
Response: 6907241
Conc: 50.28 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

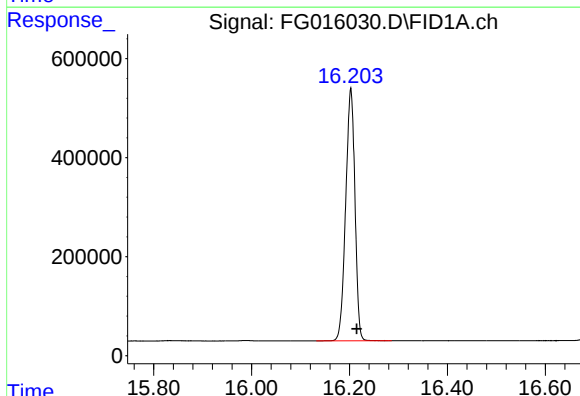
R.T.: 14.974 min
Delta R.T.: -0.012 min
Response: 6024226
Conc: 49.15 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



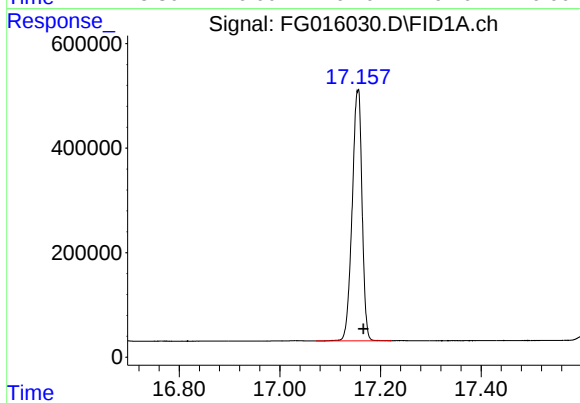
#10 N-TETRACOSANE

R.T.: 15.179 min
Delta R.T.: -0.011 min
Response: 6809753
Conc: 49.54 ug/ml



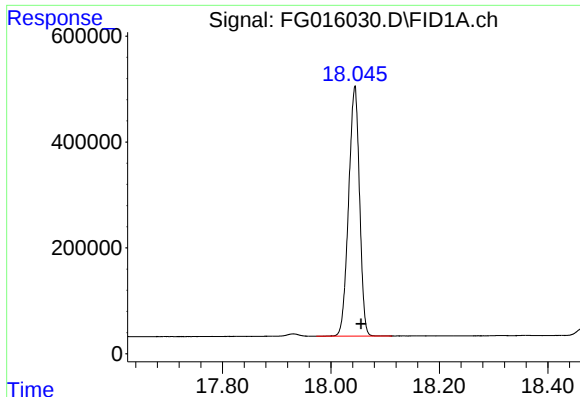
#11 N-HEXACOSANE

R.T.: 16.203 min
Delta R.T.: -0.012 min
Response: 6681196
Conc: 49.17 ug/ml



#12 N-OCTACOSANE

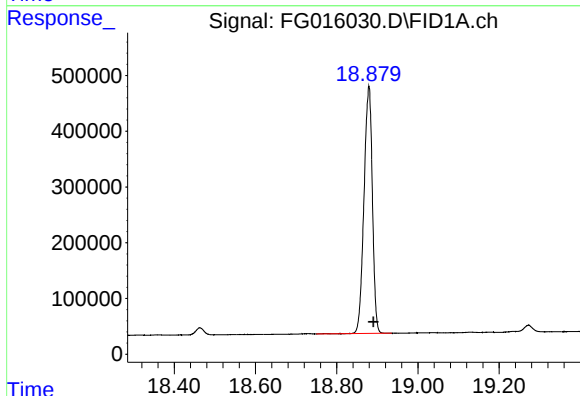
R.T.: 17.155 min
Delta R.T.: -0.011 min
Response: 6548022
Conc: 48.57 ug/ml



#13 N-TRIACONTANE

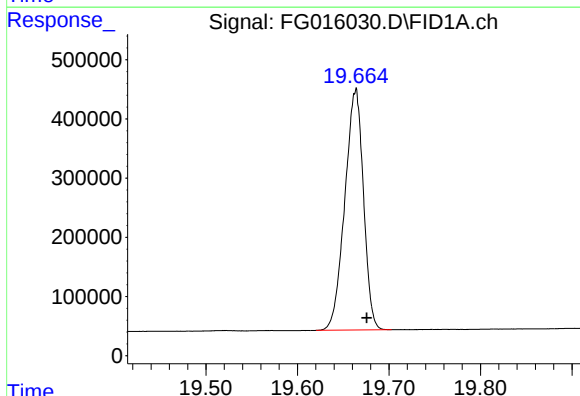
R.T.: 18.044 min
Delta R.T.: -0.011 min
Response: 6594110
Conc: 48.33 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



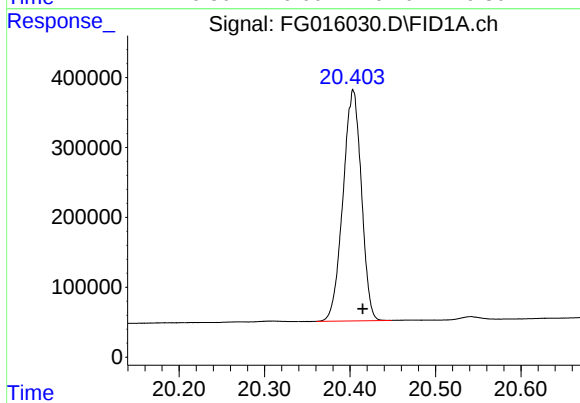
#14 N-DOTRIACONTANE

R.T.: 18.879 min
Delta R.T.: -0.011 min
Response: 6355180
Conc: 47.45 ug/ml



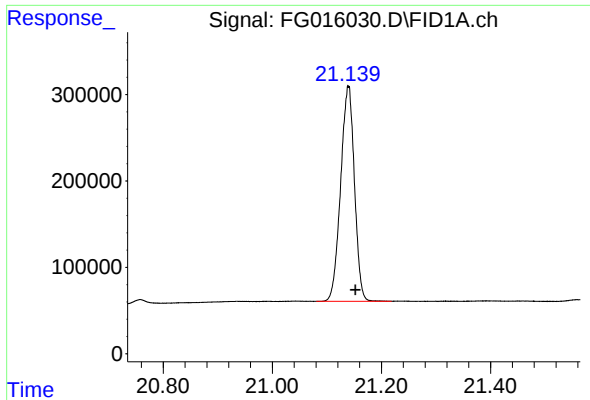
#15 N-TETRATRIACONTANE

R.T.: 19.664 min
Delta R.T.: -0.012 min
Response: 5754047
Conc: 47.45 ug/ml



#16 N-HEXATRIACONTANE

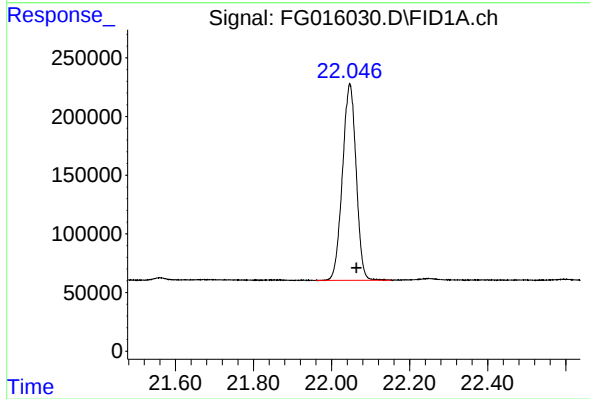
R.T.: 20.404 min
Delta R.T.: -0.011 min
Response: 4932062
Conc: 46.19 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.140 min
Delta R.T.: -0.013 min
Response: 4373028
Conc: 45.57 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.047 min
Delta R.T.: -0.017 min
Response: 4077126
Conc: 46.36 ug/ml