

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083123\
 Data File : FE044052.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2023 09:14
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Sep 01 00:24:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE083023.M
 Quant Title :
 QLast Update : Thu Aug 31 02:43:19 2023
 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...	15.030	7111585	48.508 ug/ml
Target Compounds			
1) N-OCTANE	2.044	7942204	48.847 ug/ml
2) N-DECANE	4.574	8248446	48.923 ug/ml
3) N-DODECANE	6.740	8352523	49.032 ug/ml
4) N-TETRADECANE	8.567	8418707	48.941 ug/ml
5) N-HEXADECANE	10.176	8481754	49.188 ug/ml
6) N-OCTADECANE	11.621	8531835	49.110 ug/ml
7) N-EICOSANE	12.931	8331360	48.794 ug/ml
8) N-DOCOSANE	14.131	8102953	48.232 ug/ml
10) N-TETRACOSANE	15.235	7993773	48.412 ug/ml
11) N-HEXACOSANE	16.257	7780921	48.381 ug/ml
12) N-OCTACOSANE	17.207	7552447	48.310 ug/ml
13) N-TRIACONTANE	18.097	7173091	47.917 ug/ml
14) N-DOTRIACONTANE	18.930	6497816	47.753 ug/ml
15) N-TETRATRIACONTANE	19.713	5794959	48.119 ug/ml
16) N-HEXATRIACONTANE	20.454	5122463	48.214 ug/ml
17) N-OCTATRIACONTANE	21.197	4709327	47.195 ug/ml
18) N-TETRACONTANE	22.121	4506015	46.980 ug/ml

(f)=RT Delta > 1/2 Window

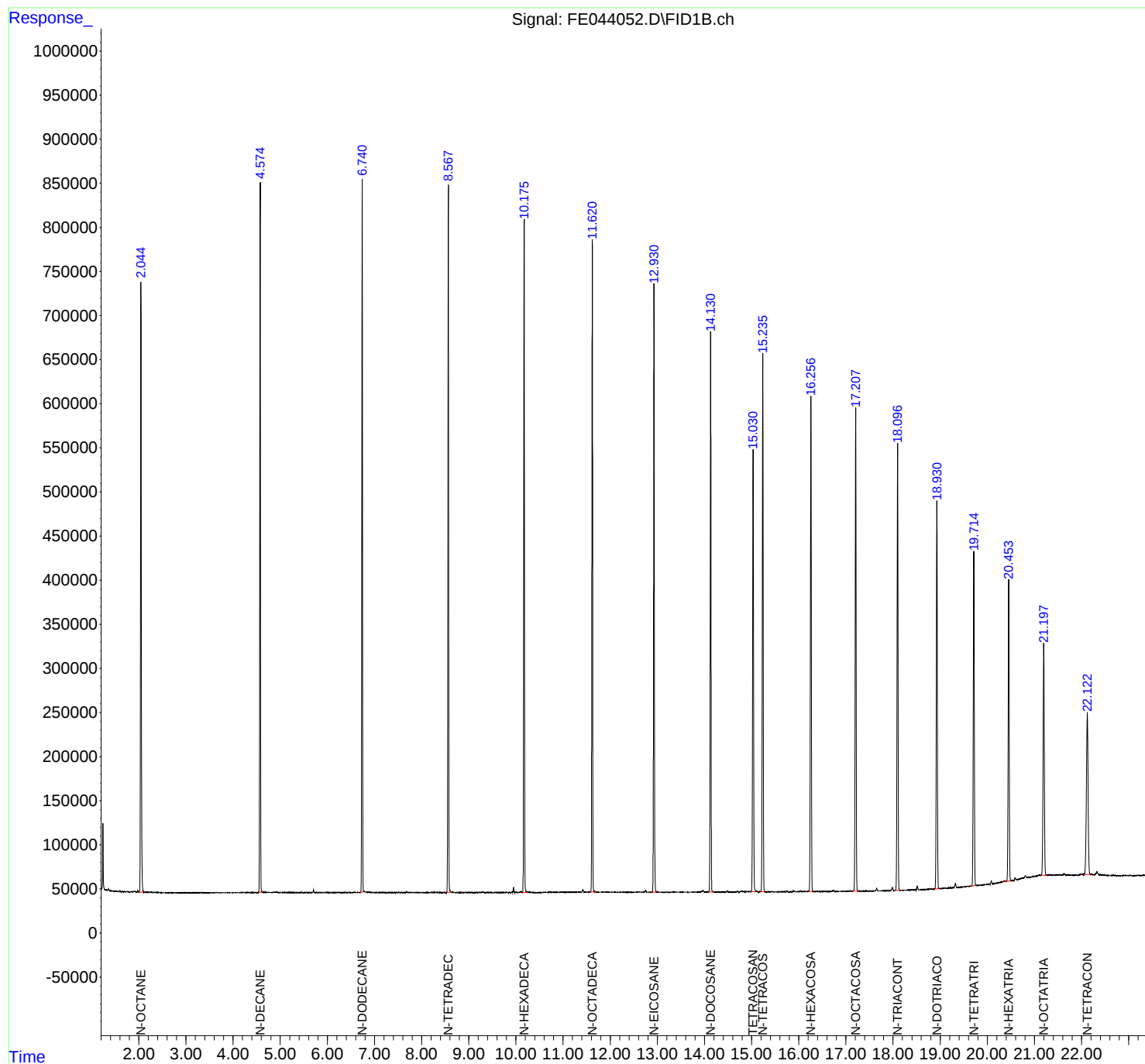
(m)=manual int.

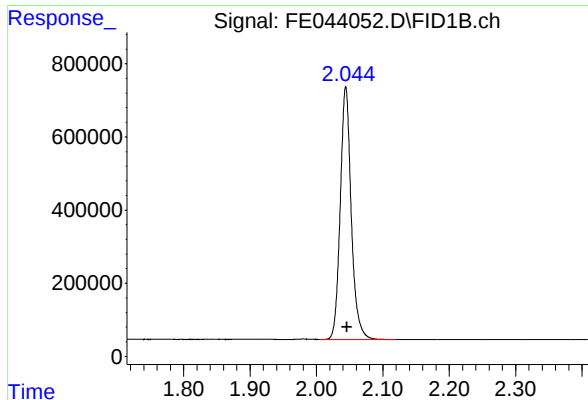
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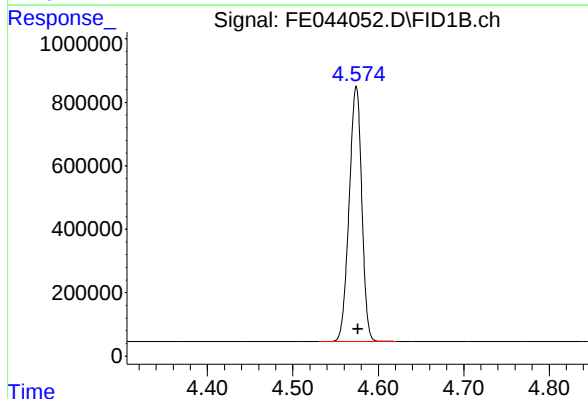




#1 N-OCTANE

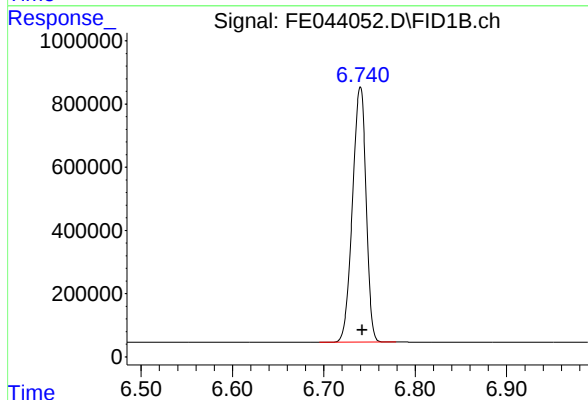
R.T.: 2.044 min
Delta R.T.: -0.002 min
Response: 7942204
Conc: 48.85 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



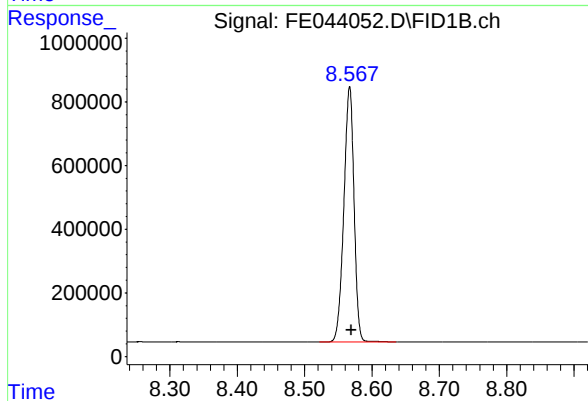
#2 N-DECANE

R.T.: 4.574 min
Delta R.T.: -0.002 min
Response: 8248446
Conc: 48.92 ug/ml



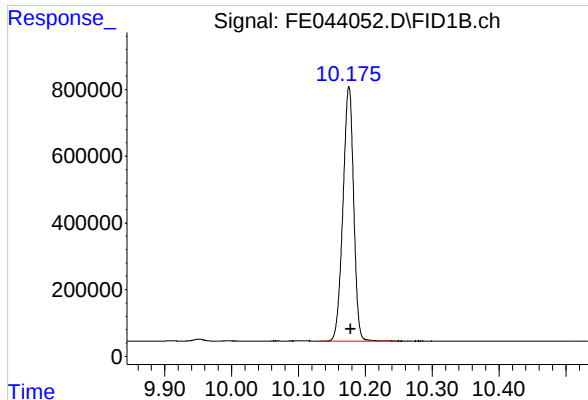
#3 N-DODECANE

R.T.: 6.740 min
Delta R.T.: -0.002 min
Response: 8352523
Conc: 49.03 ug/ml



#4 N-TETRADECANE

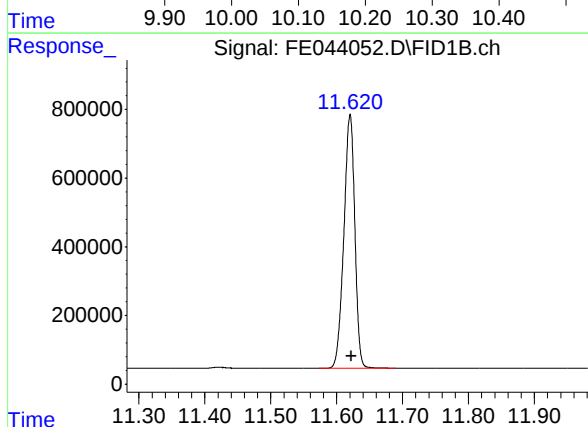
R.T.: 8.567 min
Delta R.T.: -0.002 min
Response: 8418707
Conc: 48.94 ug/ml



#5 N-HEXADECANE

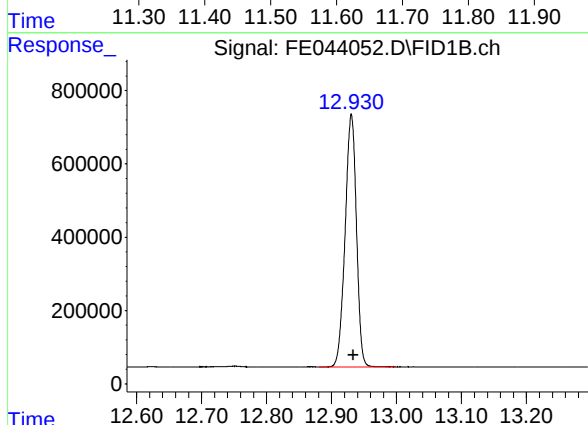
R.T.: 10.176 min
Delta R.T.: -0.002 min
Response: 8481754
Conc: 49.19 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



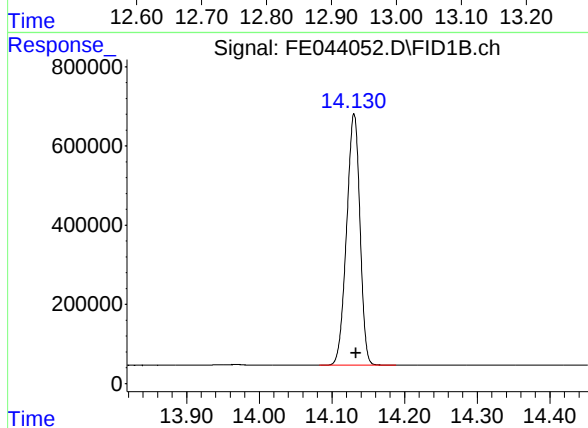
#6 N-OCTADECANE

R.T.: 11.621 min
Delta R.T.: -0.002 min
Response: 8531835
Conc: 49.11 ug/ml



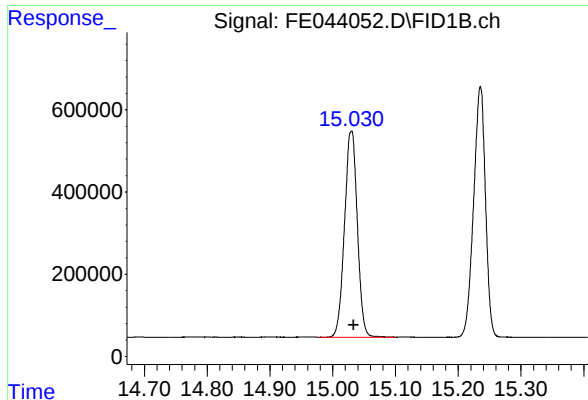
#7 N-EICOSANE

R.T.: 12.931 min
Delta R.T.: -0.003 min
Response: 8331360
Conc: 48.79 ug/ml



#8 N-DOCOSANE

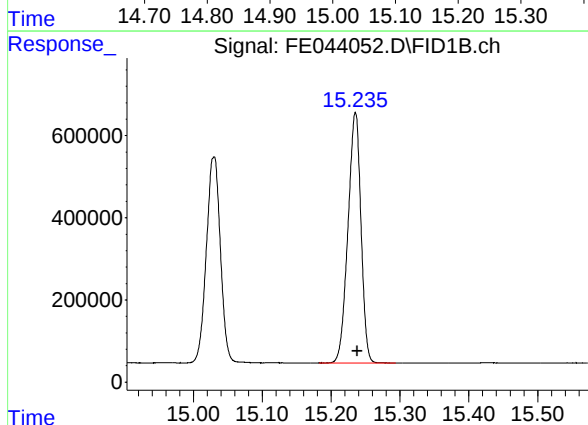
R.T.: 14.131 min
Delta R.T.: -0.002 min
Response: 8102953
Conc: 48.23 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

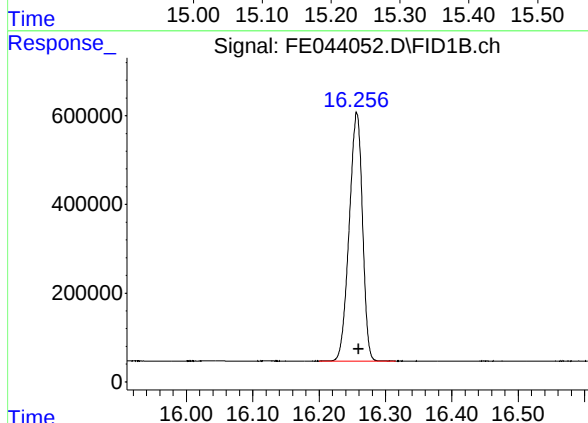
R.T.: 15.030 min
Delta R.T.: -0.004 min
Response: 7111585
Conc: 48.51 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



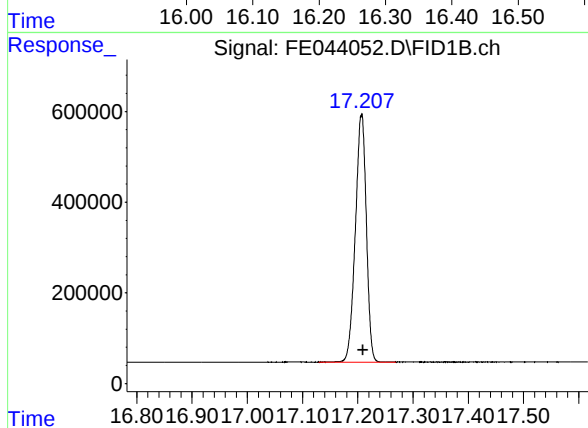
#10 N-TETRACOSANE

R.T.: 15.235 min
Delta R.T.: -0.002 min
Response: 7993773
Conc: 48.41 ug/ml



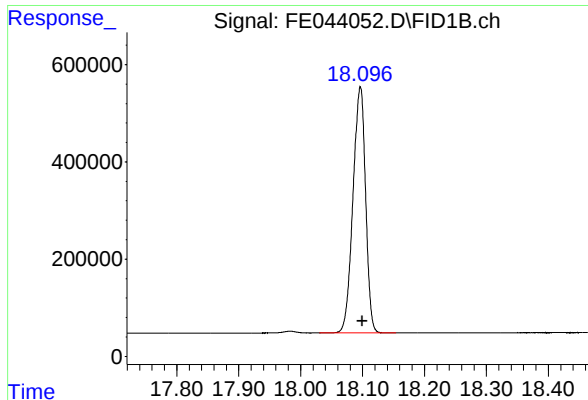
#11 N-HEXACOSANE

R.T.: 16.257 min
Delta R.T.: -0.003 min
Response: 7780921
Conc: 48.38 ug/ml



#12 N-OCTACOSANE

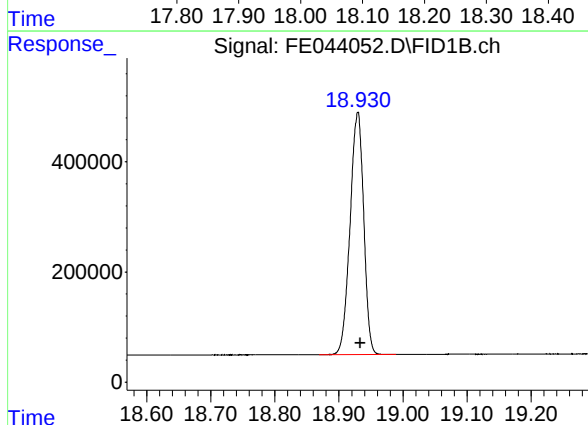
R.T.: 17.207 min
Delta R.T.: -0.003 min
Response: 7552447
Conc: 48.31 ug/ml



#13 N-TRIACONTANE

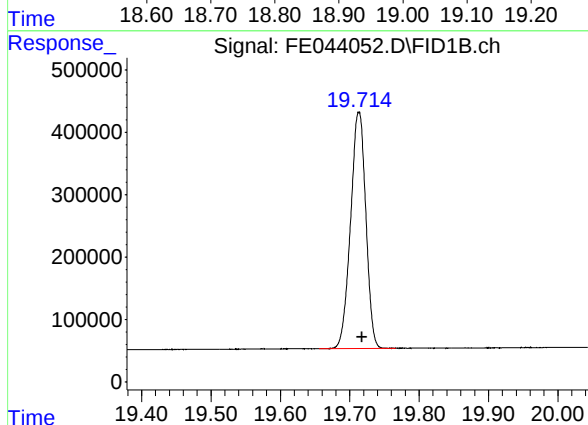
R.T.: 18.097 min
Delta R.T.: -0.003 min
Response: 7173091
Conc: 47.92 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



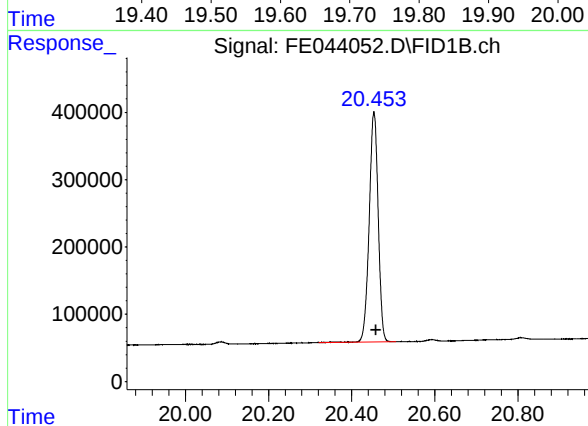
#14 N-DOTRIACONTANE

R.T.: 18.930 min
Delta R.T.: -0.004 min
Response: 6497816
Conc: 47.75 ug/ml



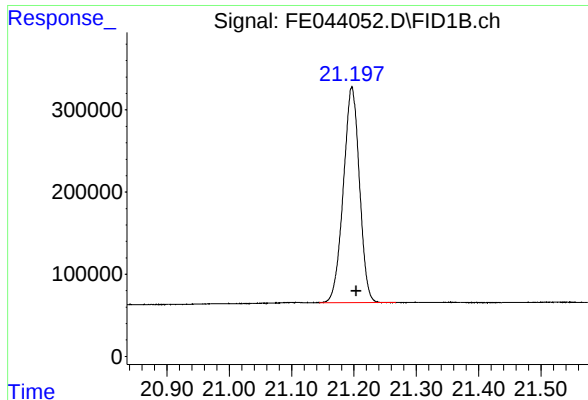
#15 N-TETRATRIACONTANE

R.T.: 19.713 min
Delta R.T.: -0.005 min
Response: 5794959
Conc: 48.12 ug/ml



#16 N-HEXATRIACONTANE

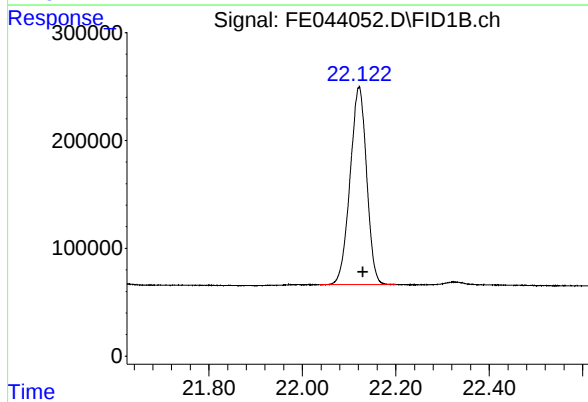
R.T.: 20.454 min
Delta R.T.: -0.005 min
Response: 5122463
Conc: 48.21 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.197 min
Delta R.T.: -0.007 min
Response: 4709327
Conc: 47.20 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.121 min
Delta R.T.: -0.008 min
Response: 4506015
Conc: 46.98 ug/ml