

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121924\
 Data File : FE051699.D
 Signal(s) : FID1B.ch
 Acq On : 19 Dec 2024 07:29
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Integration File: Sample.e
 Quant Time: Dec 20 02:41:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE121824.M
 Quant Title :
 QLast Update : Thu Dec 19 02:46:15 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...	15.075	6089460	49.409 ug/ml
Target Compounds			
1) N-OCTANE	2.214	5268419	48.550 ug/ml
2) N-DECANE	4.716	5647048	48.866 ug/ml
3) N-DODECANE	6.854	6120610	48.859 ug/ml
4) N-TETRADECANE	8.665	6224201	48.986 ug/ml
5) N-HEXADECANE	10.260	6554179	49.094 ug/ml
6) N-OCTADECANE	11.693	6934867	49.220 ug/ml
7) N-EICOSANE	12.994	6878628	49.327 ug/ml
8) N-DOCOSANE	14.183	6813585	49.396 ug/ml
10) N-TETRACOSANE	15.278	6736455	49.311 ug/ml
11) N-HEXACOSANE	16.291	6559032	49.256 ug/ml
12) N-OCTACOSANE	17.234	6404548	49.122 ug/ml
13) N-TRIACONTANE	18.113	6288184	48.825 ug/ml
14) N-DOTRIACONTANE	18.939	6159308	48.980 ug/ml
15) N-TETRATRIACONTANE	19.715	5599441	48.624 ug/ml
16) N-HEXATRIACONTANE	20.450	4952013	48.433 ug/ml
17) N-OCTATRIACONTANE	21.187	4673313	48.134 ug/ml
18) N-TETRACONTANE	22.108	4972826	51.073 ug/ml

(f)=RT Delta > 1/2 Window

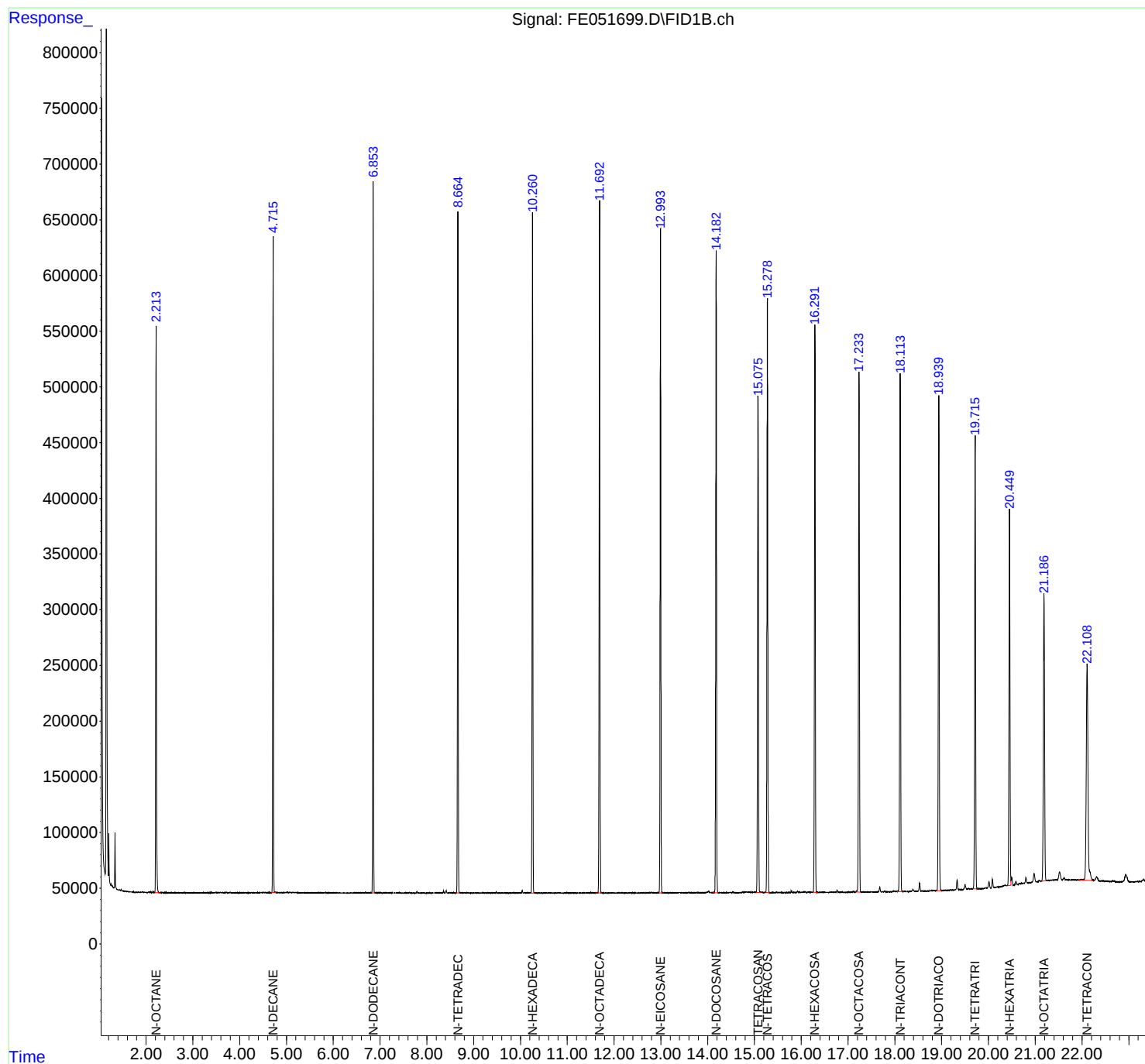
(m)=manual int.

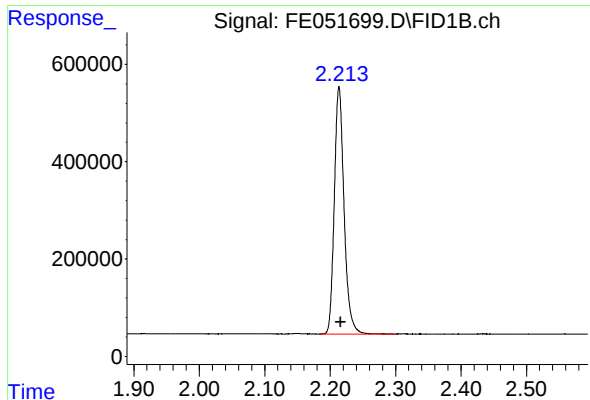
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Signal Info : 20mx0.18mmx0.18um

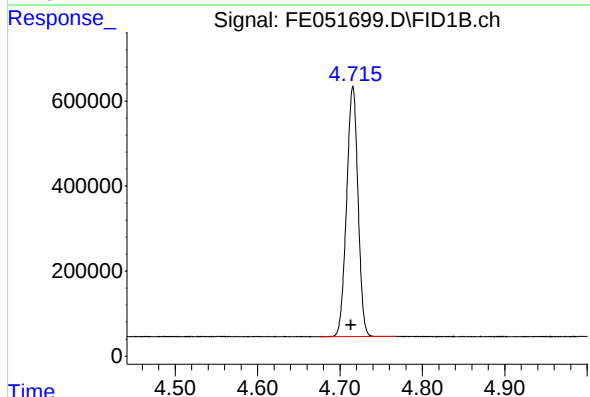




#1 N-OCTANE

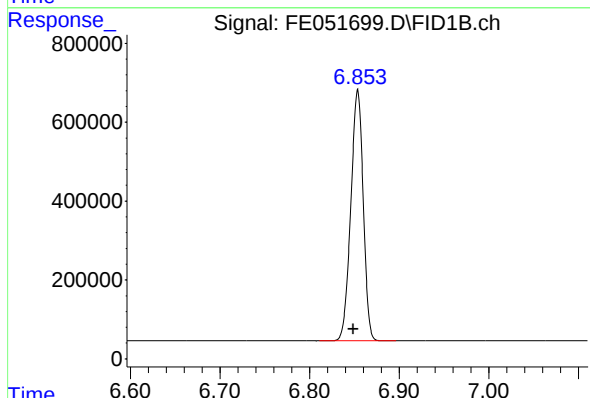
R.T.: 2.214 min
Delta R.T.: -0.002 min
Response: 5268419
Conc: 48.55 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



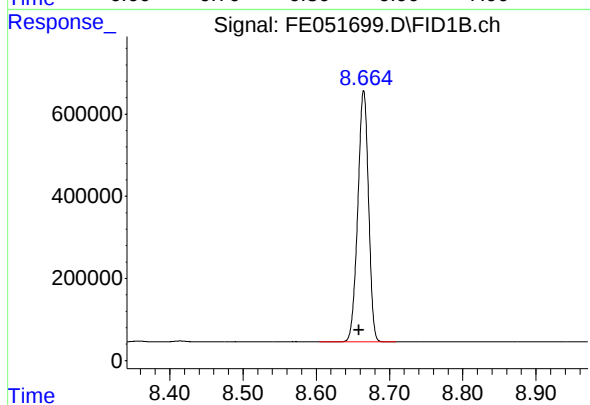
#2 N-DECANE

R.T.: 4.716 min
Delta R.T.: 0.002 min
Response: 5647048
Conc: 48.87 ug/ml



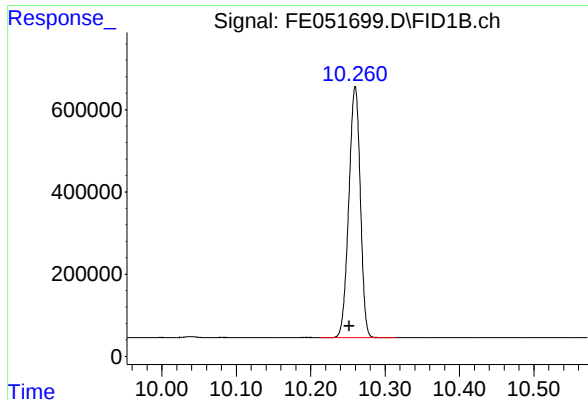
#3 N-DODECANE

R.T.: 6.854 min
Delta R.T.: 0.005 min
Response: 6120610
Conc: 48.86 ug/ml



#4 N-TETRADECANE

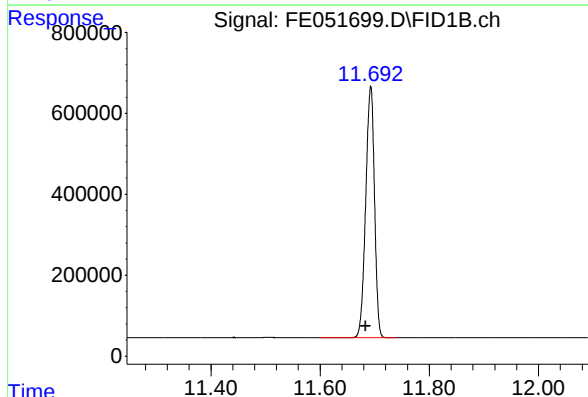
R.T.: 8.665 min
Delta R.T.: 0.007 min
Response: 6224201
Conc: 48.99 ug/ml



#5 N-HEXADECANE

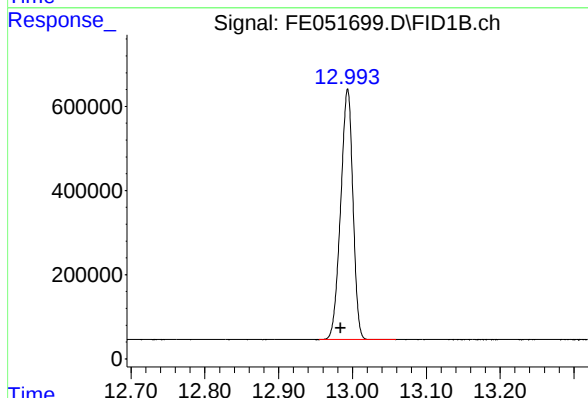
R.T.: 10.260 min
Delta R.T.: 0.008 min
Response: 6554179
Conc: 49.09 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



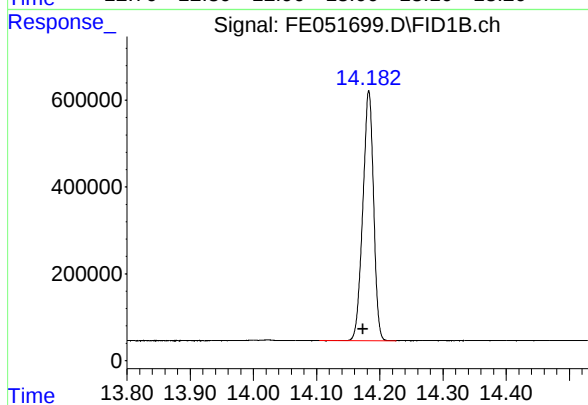
#6 N-OCTADECANE

R.T.: 11.693 min
Delta R.T.: 0.009 min
Response: 6934867
Conc: 49.22 ug/ml



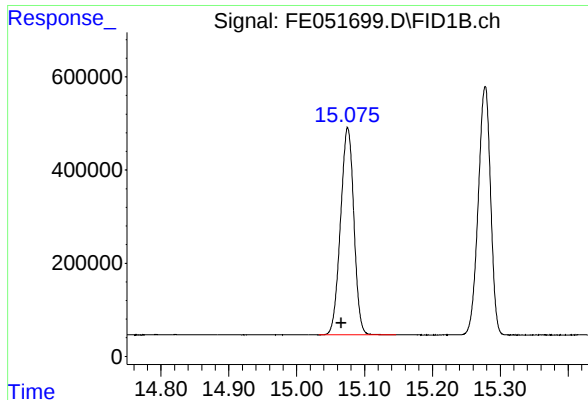
#7 N-EICOSANE

R.T.: 12.994 min
Delta R.T.: 0.010 min
Response: 6878628
Conc: 49.33 ug/ml



#8 N-DOCOSANE

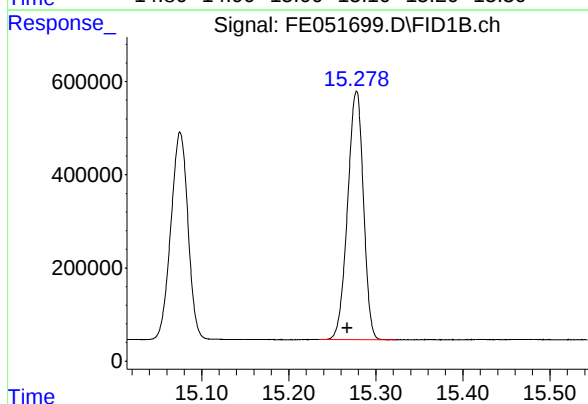
R.T.: 14.183 min
Delta R.T.: 0.010 min
Response: 6813585
Conc: 49.40 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

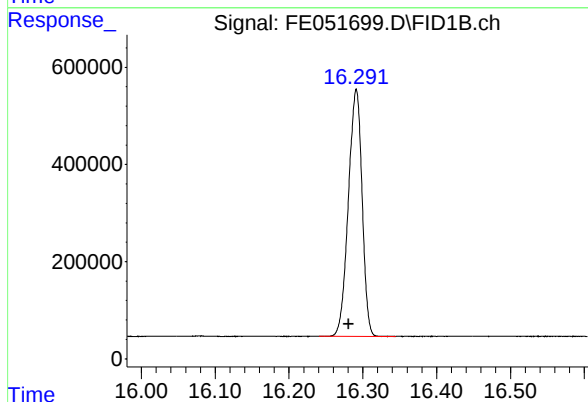
R.T.: 15.075 min
Delta R.T.: 0.010 min
Response: 6089460
Conc: 49.41 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



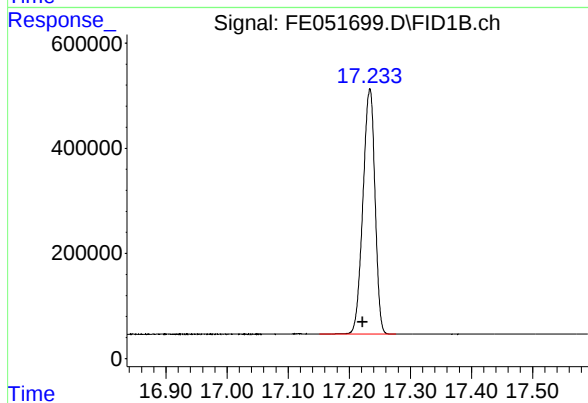
#10 N-TETRACOSANE

R.T.: 15.278 min
Delta R.T.: 0.011 min
Response: 6736455
Conc: 49.31 ug/ml



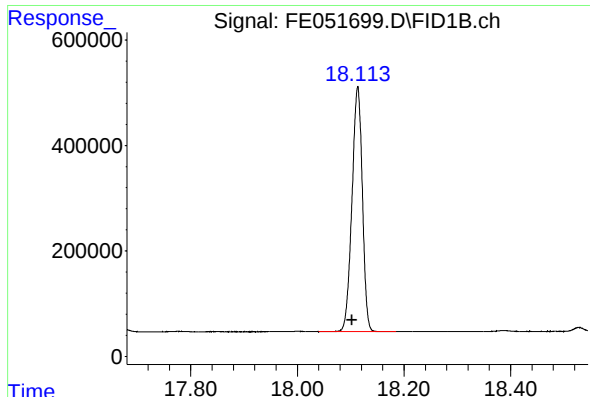
#11 N-HEXACOSANE

R.T.: 16.291 min
Delta R.T.: 0.011 min
Response: 6559032
Conc: 49.26 ug/ml



#12 N-OCTACOSANE

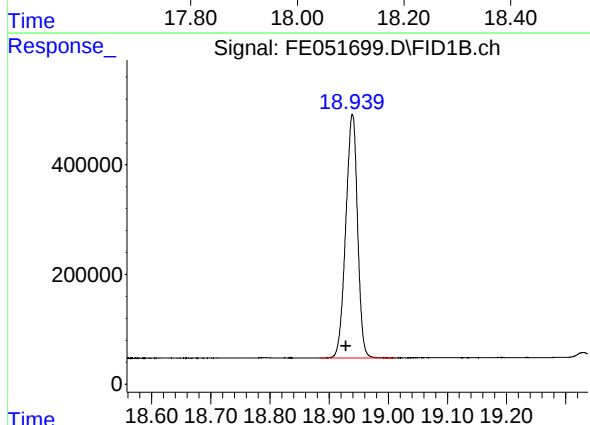
R.T.: 17.234 min
Delta R.T.: 0.012 min
Response: 6404548
Conc: 49.12 ug/ml



#13 N-TRIACONTANE

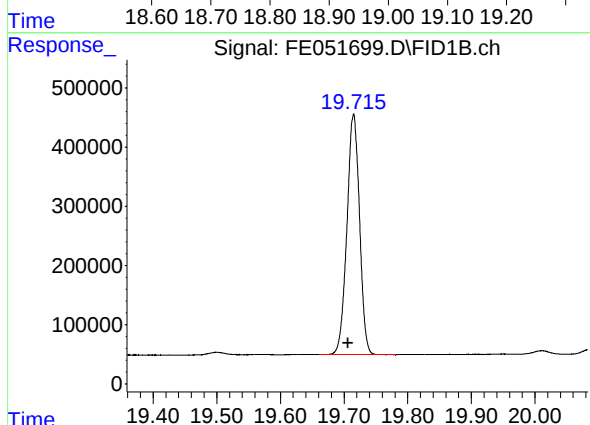
R.T.: 18.113 min
Delta R.T.: 0.011 min
Response: 6288184
Conc: 48.83 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



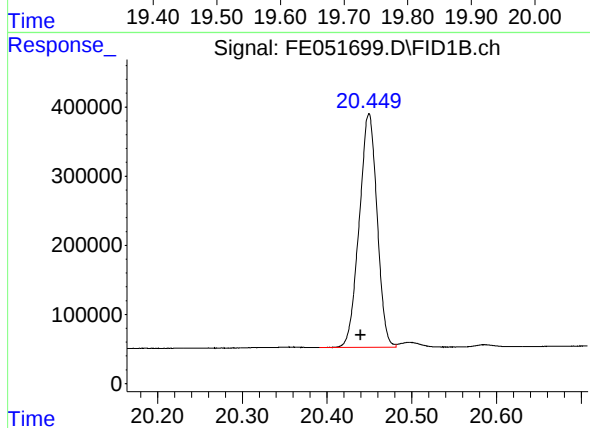
#14 N-DOTRIACONTANE

R.T.: 18.939 min
Delta R.T.: 0.011 min
Response: 6159308
Conc: 48.98 ug/ml



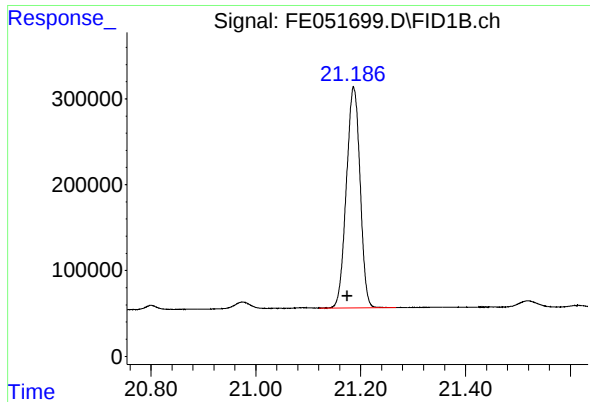
#15 N-TETRATRIACONTANE

R.T.: 19.715 min
Delta R.T.: 0.009 min
Response: 5599441
Conc: 48.62 ug/ml



#16 N-HEXATRIACONTANE

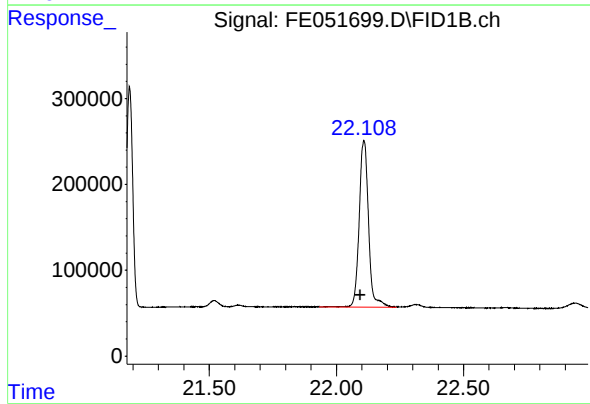
R.T.: 20.450 min
Delta R.T.: 0.010 min
Response: 4952013
Conc: 48.43 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.187 min
Delta R.T.: 0.012 min
Response: 4673313
Conc: 48.13 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.108 min
Delta R.T.: 0.014 min
Response: 4972826
Conc: 51.07 ug/ml