

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101424\
 Data File : FE050634.D
 Signal(s) : FID1B.ch
 Acq On : 14 Oct 2024 11:18
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Oct 15 03:04:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE101124.M
 Quant Title :
 QLast Update : Thu Oct 10 13:46:49 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...	14.950	7716513	55.375 ug/ml
Target Compounds			
1) N-OCTANE	1.990	8018226	53.545 ug/ml
2) N-DECANE	4.501	8655062	55.957 ug/ml
3) N-DODECANE	6.672	8896888	57.360 ug/ml
4) N-TETRADECANE	8.499	9005186	57.296 ug/ml
5) N-HEXADECANE	10.105	9016910	57.365 ug/ml
6) N-OCTADECANE	11.547	9122684	56.891 ug/ml
7) N-EICOSANE	12.856	9116957	56.375 ug/ml
8) N-DOCOSANE	14.053	8774430	55.964 ug/ml
10) N-TETRACOSANE	15.154	8726745	55.624 ug/ml
11) N-HEXACOSANE	16.173	8717283	55.294 ug/ml
12) N-OCTACOSANE	17.124	8805559	55.121 ug/ml
13) N-TRIACONTANE	18.011	9200287	54.641 ug/ml
14) N-DOTRIACONTANE	18.842	9443762	54.317 ug/ml
15) N-TETRATRIACONTANE	19.626	9587836	54.133 ug/ml
16) N-HEXATRIACONTANE	20.367	9363032	54.754 ug/ml
17) N-OCTATRIACONTANE	21.092	8981342	53.333 ug/ml
18) N-TETRACONTANE	21.980	8333294	54.123 ug/ml

(f)=RT Delta > 1/2 Window

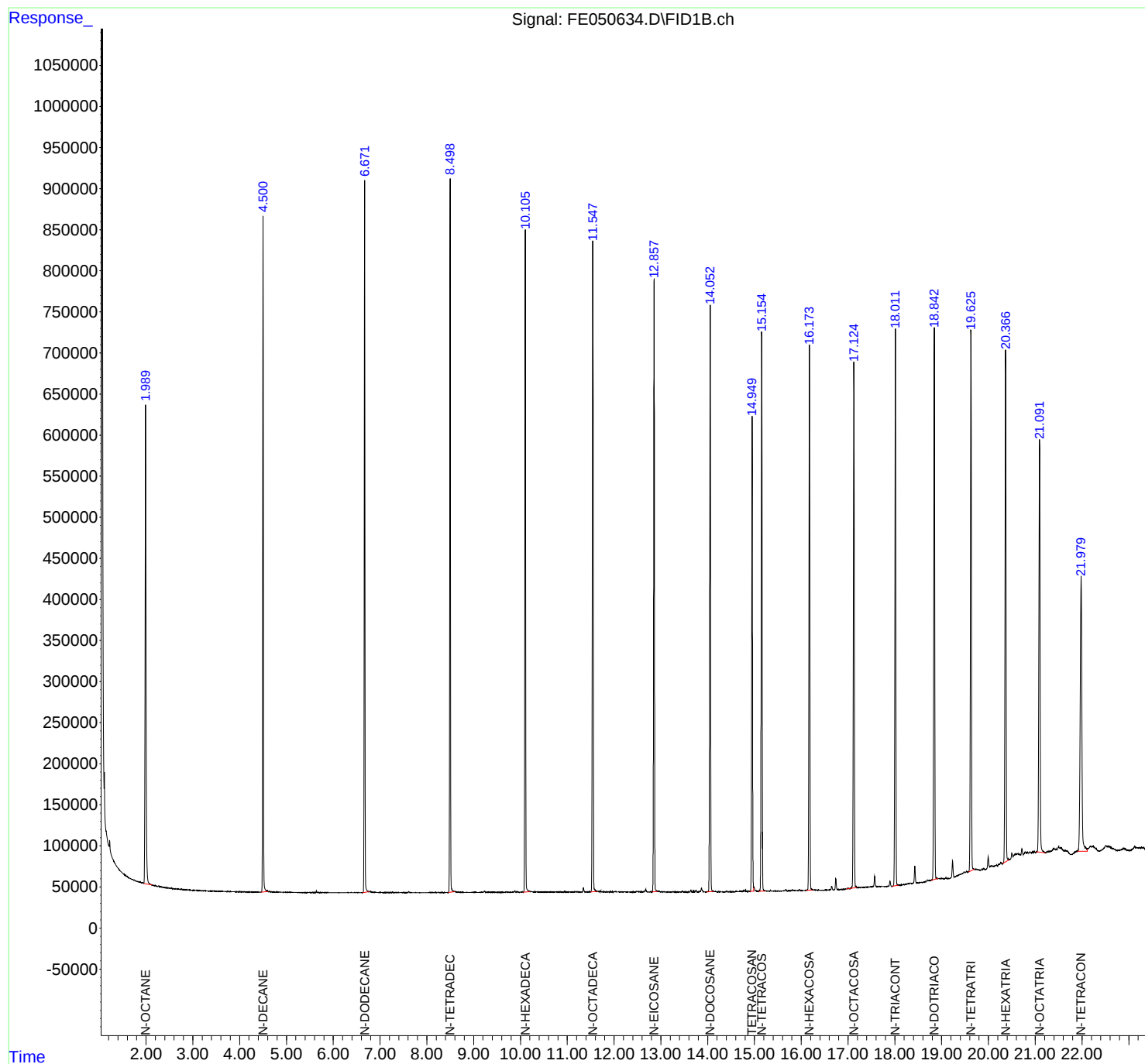
(m)=manual int.

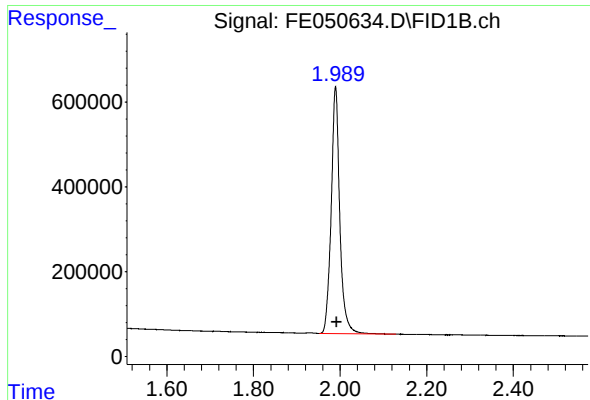
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

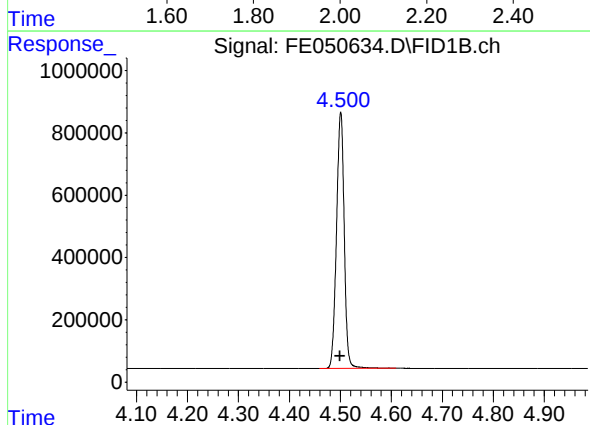




#1 N-OCTANE

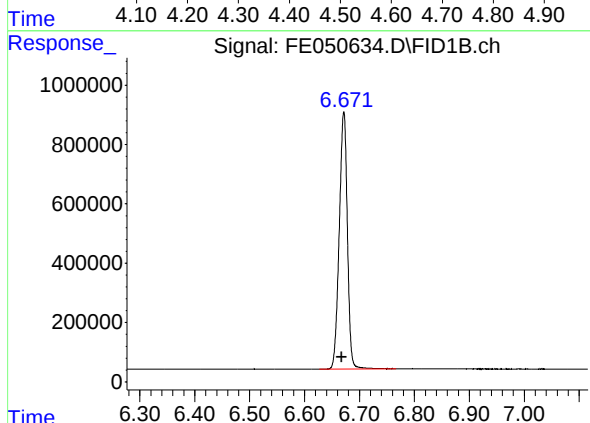
R.T.: 1.990 min
Delta R.T.: -0.002 min
Response: 8018226
Conc: 53.55 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



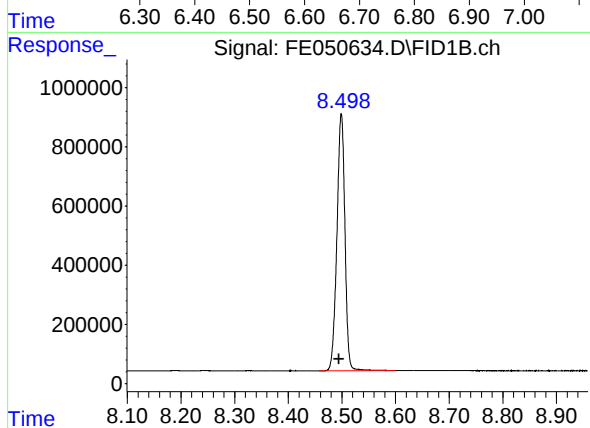
#2 N-DECANE

R.T.: 4.501 min
Delta R.T.: 0.001 min
Response: 8655062
Conc: 55.96 ug/ml



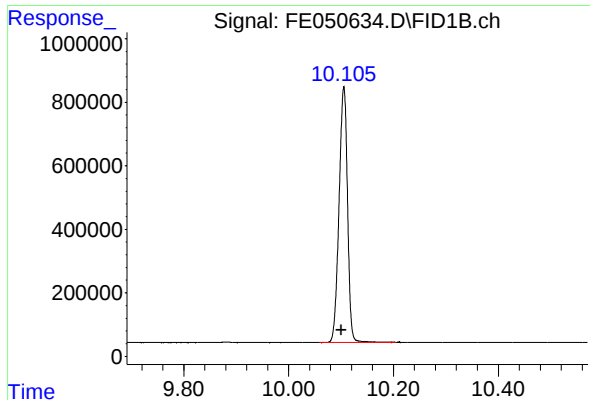
#3 N-DODECANE

R.T.: 6.672 min
Delta R.T.: 0.004 min
Response: 8896888
Conc: 57.36 ug/ml



#4 N-TETRADECANE

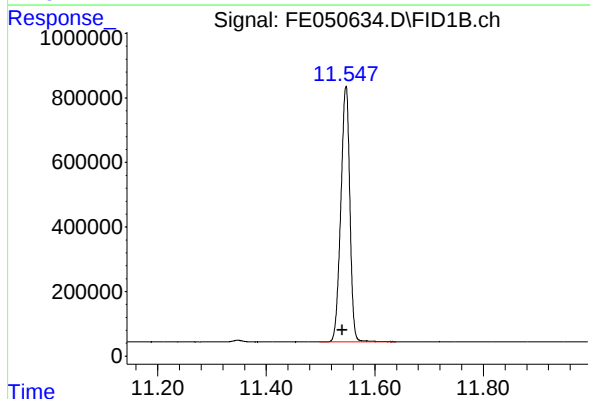
R.T.: 8.499 min
Delta R.T.: 0.005 min
Response: 9005186
Conc: 57.30 ug/ml



#5 N-HEXADECANE

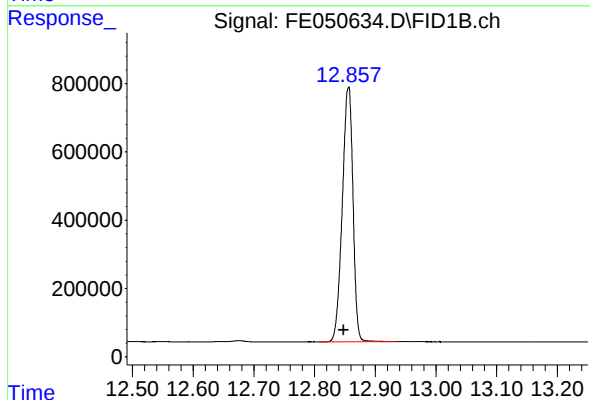
R.T.: 10.105 min
Delta R.T.: 0.005 min
Response: 9016910
Conc: 57.37 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



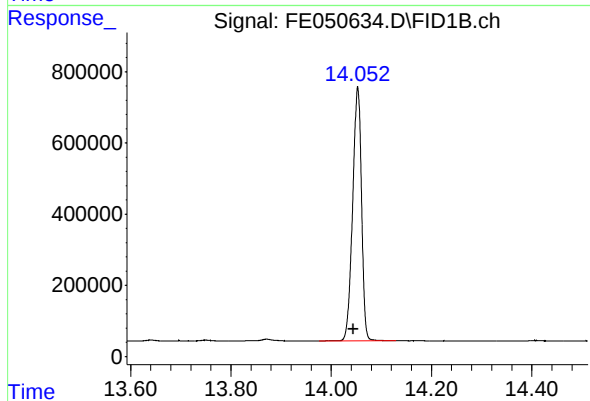
#6 N-OCTADECANE

R.T.: 11.547 min
Delta R.T.: 0.006 min
Response: 9122684
Conc: 56.89 ug/ml



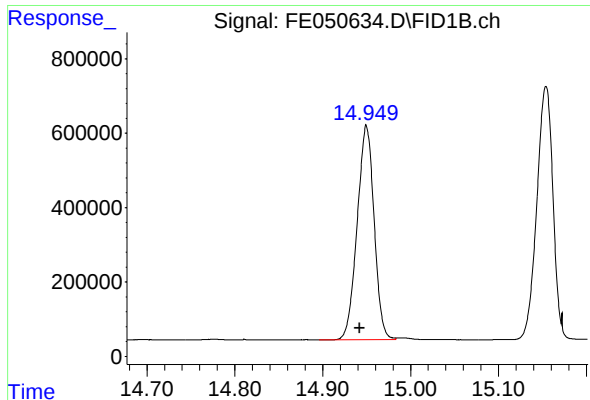
#7 N-EICOSANE

R.T.: 12.856 min
Delta R.T.: 0.008 min
Response: 9116957
Conc: 56.38 ug/ml



#8 N-DOCOSANE

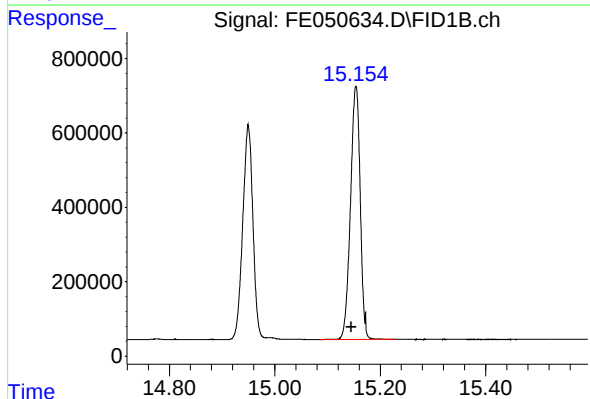
R.T.: 14.053 min
Delta R.T.: 0.009 min
Response: 8774430
Conc: 55.96 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

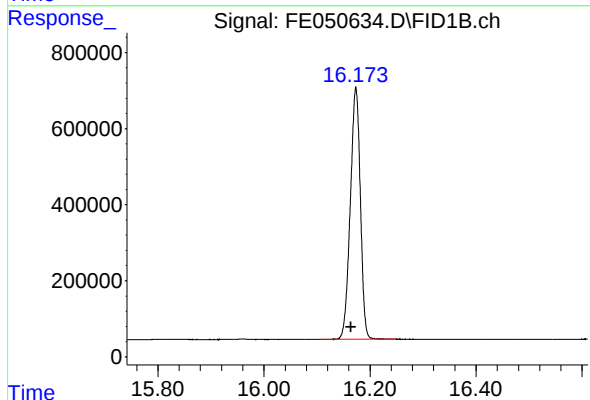
R.T.: 14.950 min
Delta R.T.: 0.008 min
Response: 7716513
Conc: 55.38 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



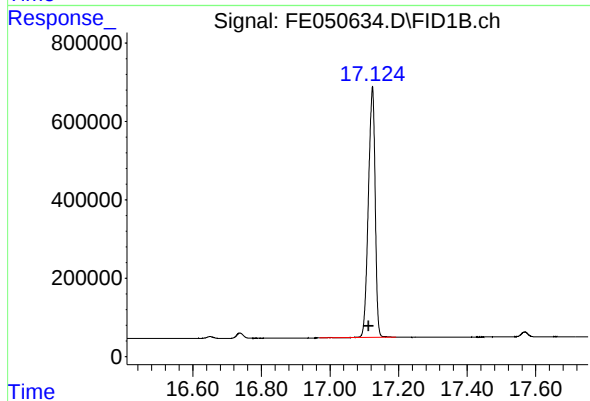
#10 N-TETRACOSANE

R.T.: 15.154 min
Delta R.T.: 0.009 min
Response: 8726745
Conc: 55.62 ug/ml



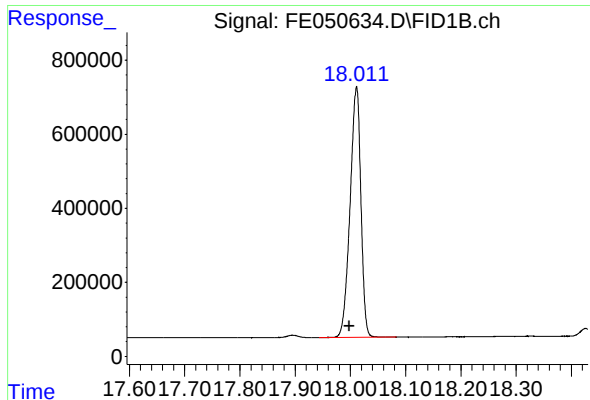
#11 N-HEXACOSANE

R.T.: 16.173 min
Delta R.T.: 0.009 min
Response: 8717283
Conc: 55.29 ug/ml



#12 N-OCTACOSANE

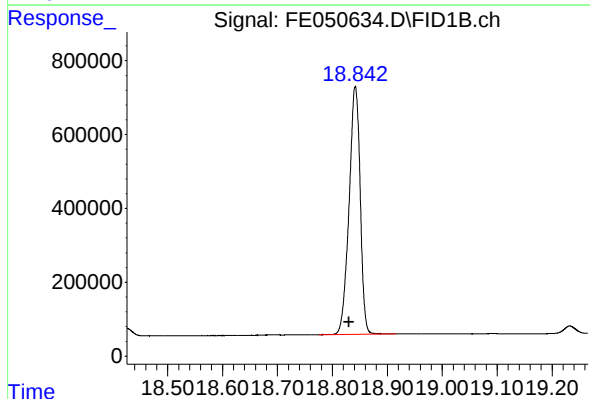
R.T.: 17.124 min
Delta R.T.: 0.011 min
Response: 8805559
Conc: 55.12 ug/ml



#13 N-TRIACONTANE

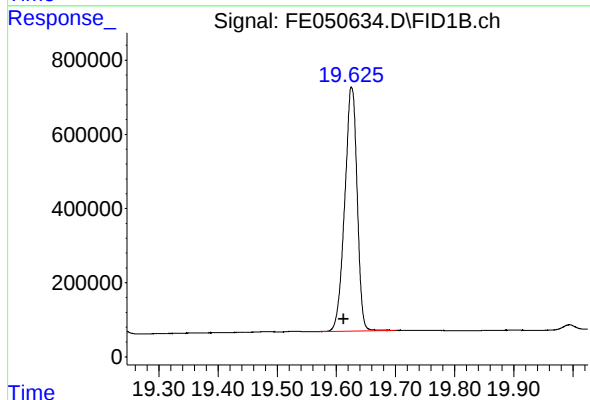
R.T.: 18.011 min
Delta R.T.: 0.013 min
Response: 9200287
Conc: 54.64 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



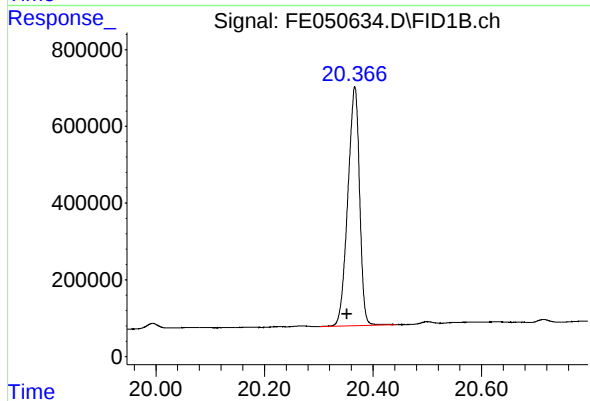
#14 N-DOTRIACONTANE

R.T.: 18.842 min
Delta R.T.: 0.012 min
Response: 9443762
Conc: 54.32 ug/ml



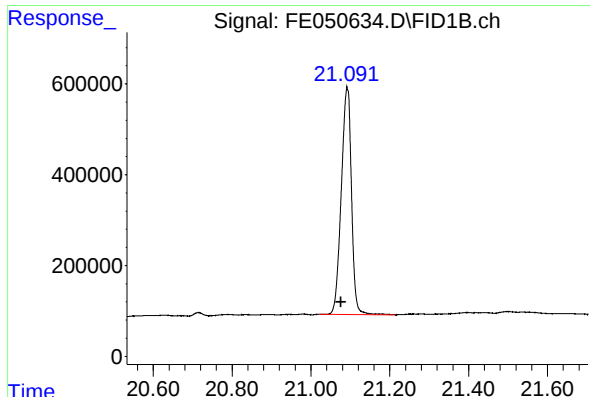
#15 N-TETRATRIACONTANE

R.T.: 19.626 min
Delta R.T.: 0.014 min
Response: 9587836
Conc: 54.13 ug/ml



#16 N-HEXATRIACONTANE

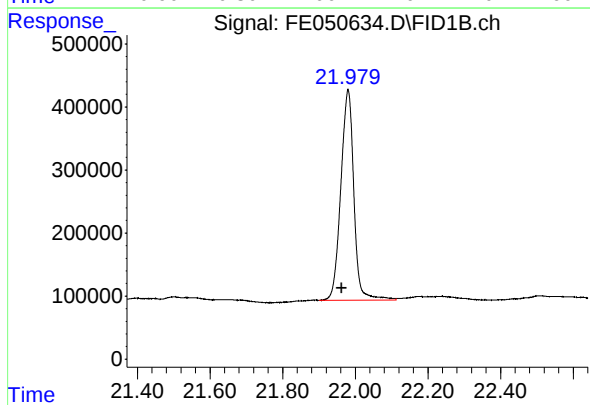
R.T.: 20.367 min
Delta R.T.: 0.015 min
Response: 9363032
Conc: 54.75 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.092 min
Delta R.T.: 0.016 min
Response: 8981342
Conc: 53.33 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.980 min
Delta R.T.: 0.019 min
Response: 8333294
Conc: 54.12 ug/ml