

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083121\
 Data File : FE034264.D
 Signal(s) : FID1B.CH
 Acq On : 31 Aug 2021 11:32
 Operator : DD\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Integration File: Sample.e
 Quant Time: Sep 01 01:25:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE081621.M
 Quant Title :
 QLast Update : Mon Aug 16 16:04:52 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	14.652	14019401	47.722 ug/ml
Target Compounds			
1) N-OCTANE	2.367	17921601	52.074 ug/ml
2) N-DECANE	4.412	18042512	52.343 ug/ml
3) N-DODECANE	6.419	17954890	52.011 ug/ml
4) N-TETRADECANE	8.211	17895761	50.990 ug/ml
5) N-HEXADECANE	9.810	17490251	50.149 ug/ml
6) N-OCTADECANE	11.250	17304951	49.404 ug/ml
7) N-EICOSANE	12.558	17218208	48.583 ug/ml
8) N-DOCOSANE	13.756	16744980	47.457 ug/ml
10) N-TETRACOSANE	14.857	16074917	46.569 ug/ml
11) N-HEXACOSANE	15.877	15237301	45.417 ug/ml
12) N-OCTACOSANE	16.825	14347209	44.124 ug/ml
13) N-TRIACONTANE	17.710	13043412	42.329 ug/ml
14) N-DOTRIACONTANE	18.539	11132241	38.239 ug/ml
15) N-TETRATRIACONTANE	19.319	8253203	32.924 ug/ml
16) N-HEXATRIACONTANE	20.055	5600145	24.367 ug/ml
17) N-OCTATRIACONTANE	20.780	3411929	16.880 ug/ml
18) N-TETRACONTANE	21.669	1912669	11.128 ug/ml

(f)=RT Delta > 1/2 Window

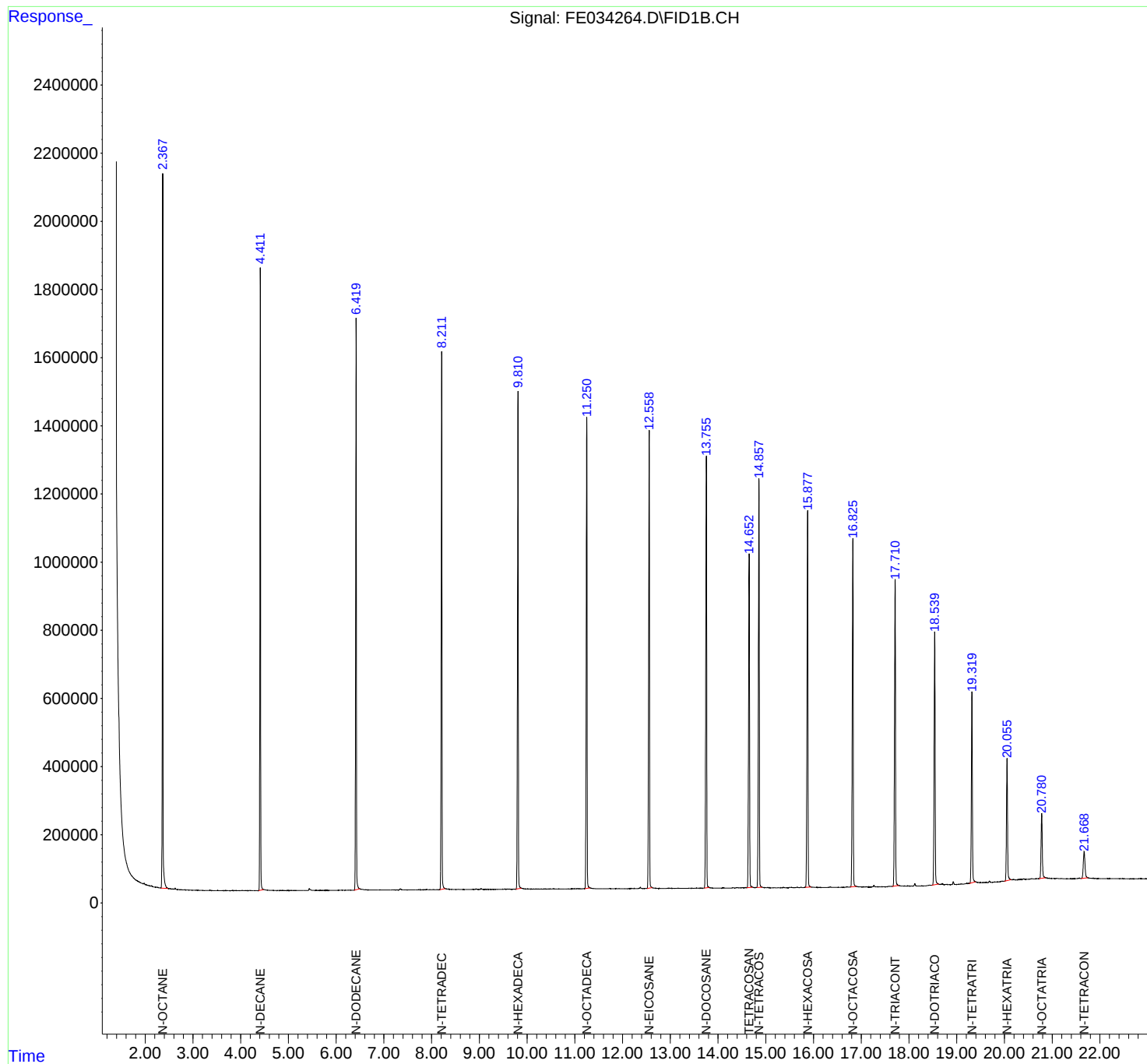
(m)=manual int.

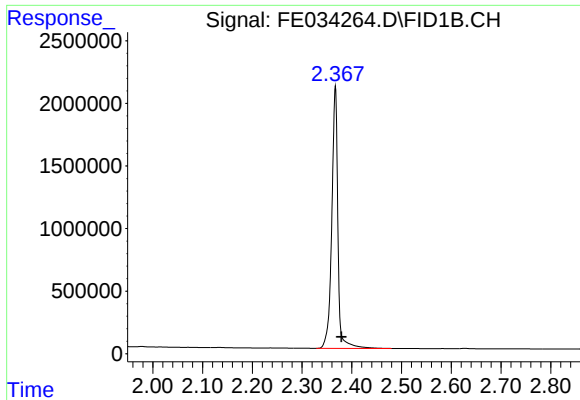
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

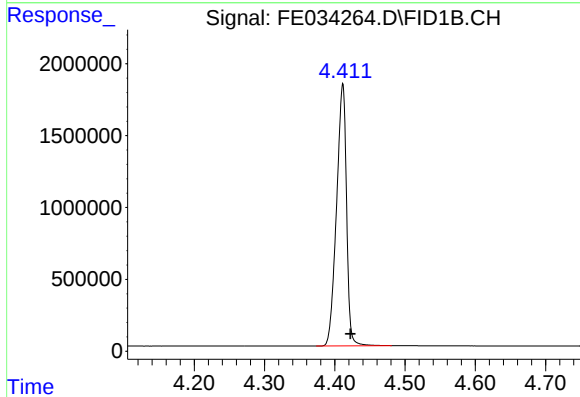




#1 N-OCTANE

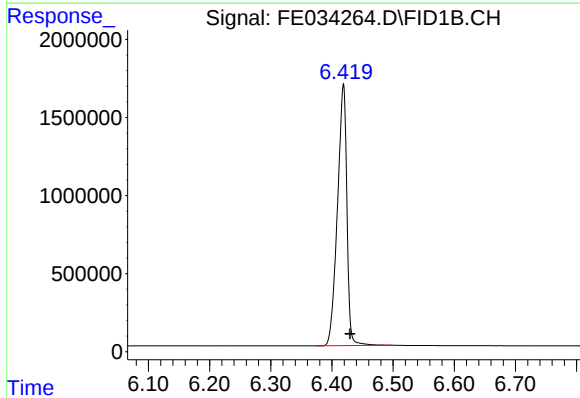
R.T.: 2.367 min
Delta R.T.: -0.012 min
Response: 17921601
Conc: 52.07 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



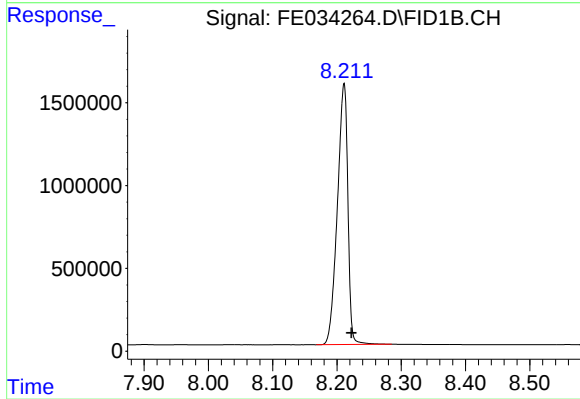
#2 N-DECANE

R.T.: 4.412 min
Delta R.T.: -0.011 min
Response: 18042512
Conc: 52.34 ug/ml



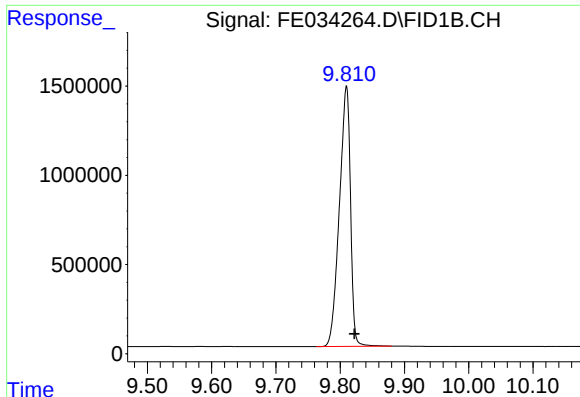
#3 N-DODECANE

R.T.: 6.419 min
Delta R.T.: -0.011 min
Response: 17954890
Conc: 52.01 ug/ml



#4 N-TETRADECANE

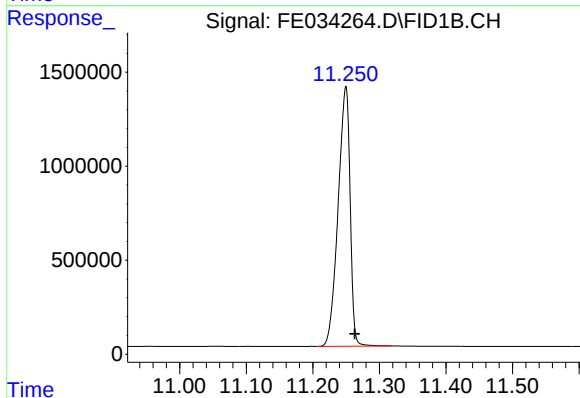
R.T.: 8.211 min
Delta R.T.: -0.011 min
Response: 17895761
Conc: 50.99 ug/ml



#5 N-HEXADECANE

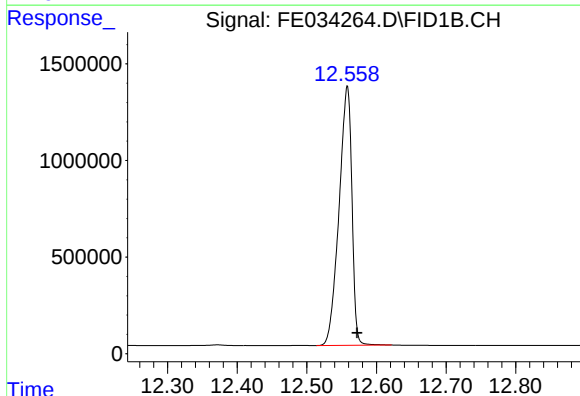
R.T.: 9.810 min
Delta R.T.: -0.012 min
Response: 17490251
Conc: 50.15 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



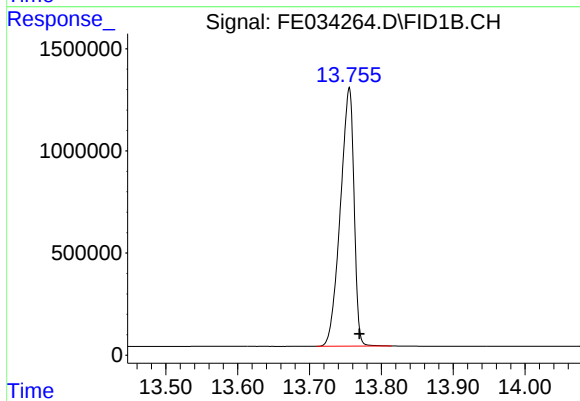
#6 N-OCTADECANE

R.T.: 11.250 min
Delta R.T.: -0.013 min
Response: 17304951
Conc: 49.40 ug/ml



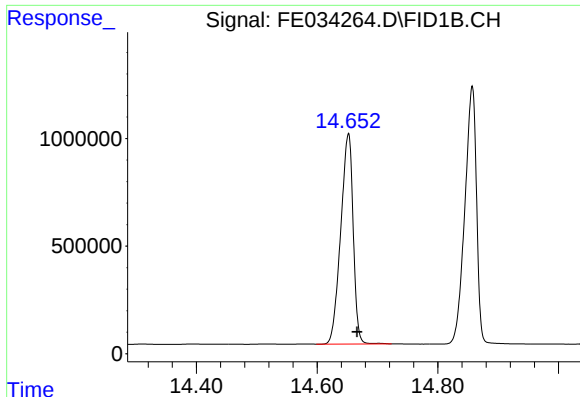
#7 N-EICOSANE

R.T.: 12.558 min
Delta R.T.: -0.014 min
Response: 17218208
Conc: 48.58 ug/ml



#8 N-DOCOSANE

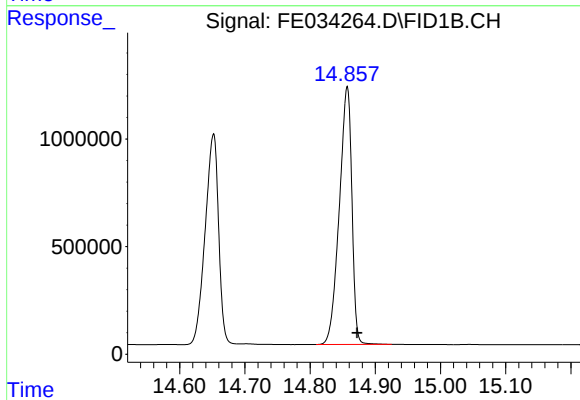
R.T.: 13.756 min
Delta R.T.: -0.014 min
Response: 16744980
Conc: 47.46 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

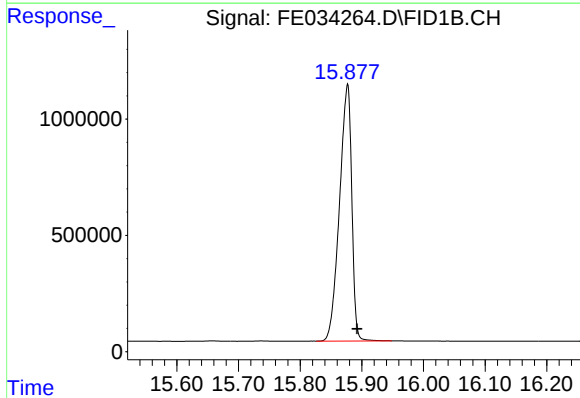
R.T.: 14.652 min
Delta R.T.: -0.014 min
Response: 14019401
Conc: 47.72 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



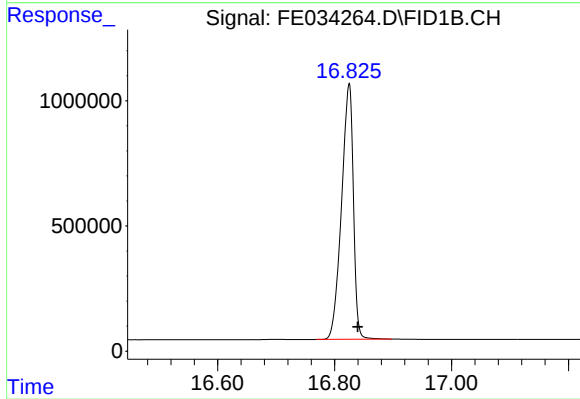
#10 N-TETRACOSANE

R.T.: 14.857 min
Delta R.T.: -0.015 min
Response: 16074917
Conc: 46.57 ug/ml



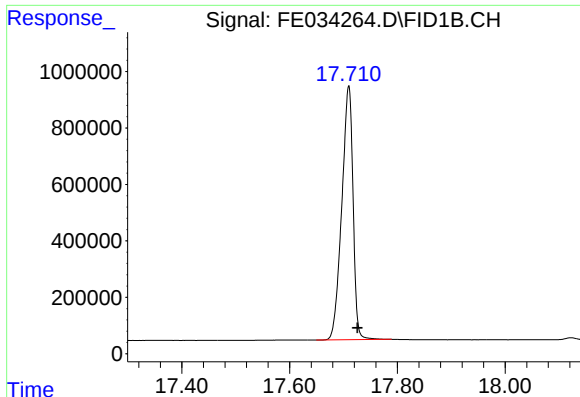
#11 N-HEXACOSANE

R.T.: 15.877 min
Delta R.T.: -0.015 min
Response: 15237301
Conc: 45.42 ug/ml



#12 N-OCTACOSANE

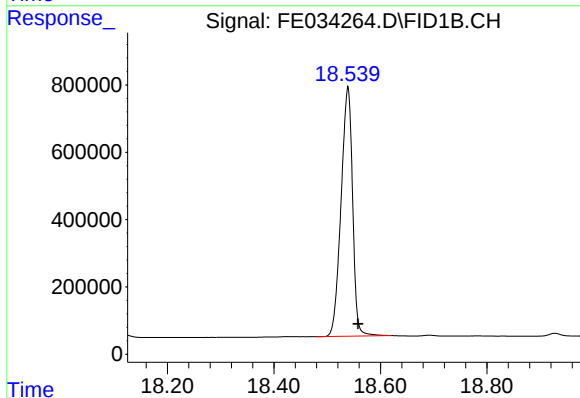
R.T.: 16.825 min
Delta R.T.: -0.015 min
Response: 14347209
Conc: 44.12 ug/ml



#13 N-TRIACONTANE

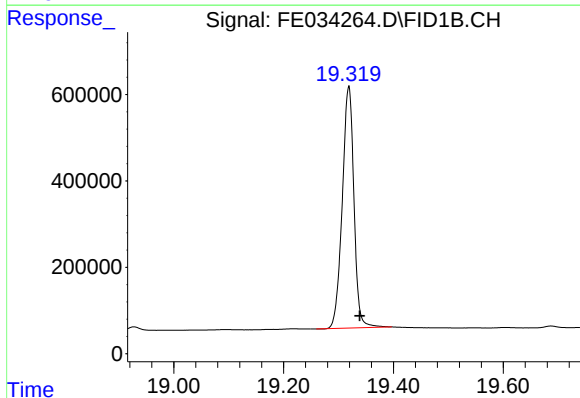
R.T.: 17.710 min
Delta R.T.: -0.016 min
Response: 13043412
Conc: 42.33 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



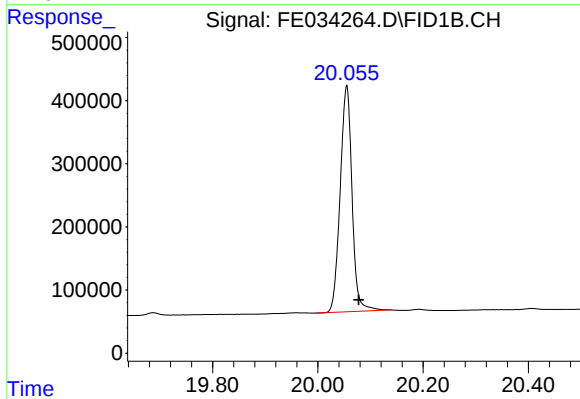
#14 N-DOTRIACONTANE

R.T.: 18.539 min
Delta R.T.: -0.019 min
Response: 11132241
Conc: 38.24 ug/ml



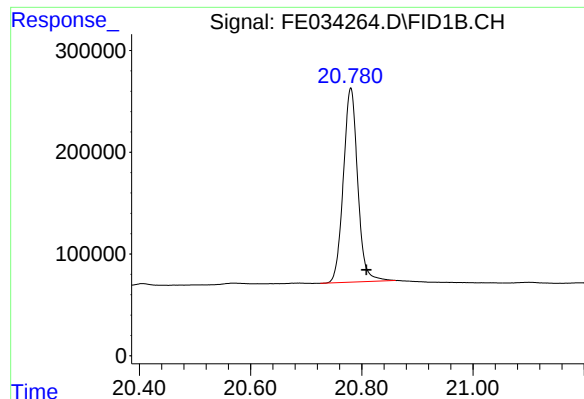
#15 N-TETRATRIACONTANE

R.T.: 19.319 min
Delta R.T.: -0.020 min
Response: 8253203
Conc: 32.92 ug/ml



#16 N-HEXATRIACONTANE

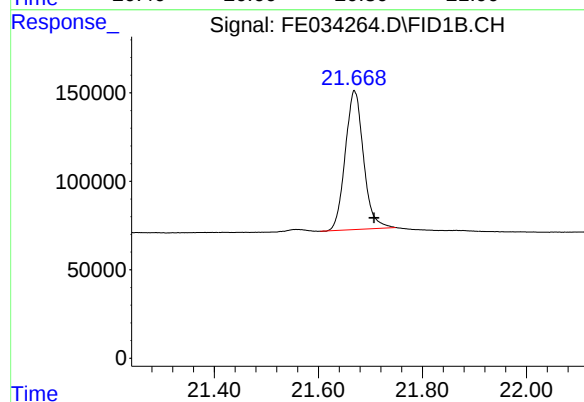
R.T.: 20.055 min
Delta R.T.: -0.023 min
Response: 5600145
Conc: 24.37 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.780 min
Delta R.T.: -0.028 min
Response: 3411929
Conc: 16.88 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.669 min
Delta R.T.: -0.038 min
Response: 1912669
Conc: 11.13 ug/ml