

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042821\
 Data File : FE033679.D
 Signal(s) : FID1B.CH
 Acq On : 28 Apr 2021 21:43
 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: autoint1.e
 Quant Time: Apr 29 01:01:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE042221.M
 Quant Title :
 QLast Update : Fri Apr 23 11:28:58 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...	14.744	18992438	47.347 ug/ml
Target Compounds			
1) N-OCTANE	2.421	19892583	47.862 ug/ml
2) N-DECANE	4.480	20822145	48.321 ug/ml
3) N-DODECANE	6.494	21261425	48.763 ug/ml
4) N-TETRADECANE	8.291	21706266	48.277 ug/ml
5) N-HEXADECANE	9.893	21579231	47.784 ug/ml
6) N-OCTADECANE	11.336	22014314	47.506 ug/ml
7) N-EICOSANE	12.647	21812710	47.334 ug/ml
8) N-DOCOSANE	13.846	21757326	47.265 ug/ml
10) N-TETRACOSANE	14.952	21632866	47.274 ug/ml
11) N-HEXACOSANE	15.972	21265314	47.377 ug/ml
12) N-OCTACOSANE	16.923	20956792	47.770 ug/ml
13) N-TRIACONTANE	17.812	20432830	48.260 ug/ml
14) N-DOTRIACONTANE	18.644	19586546	48.451 ug/ml
15) N-TETRATRIACONTANE	19.430	18843166	50.070 ug/ml
16) N-HEXATRIACONTANE	20.170	17721844	50.602 ug/ml
17) N-OCTATRIACONTANE	20.919	16536680	51.615 ug/ml
18) N-TETRACONTANE	21.858	16839315	60.663 ug/ml

(f)=RT Delta > 1/2 Window

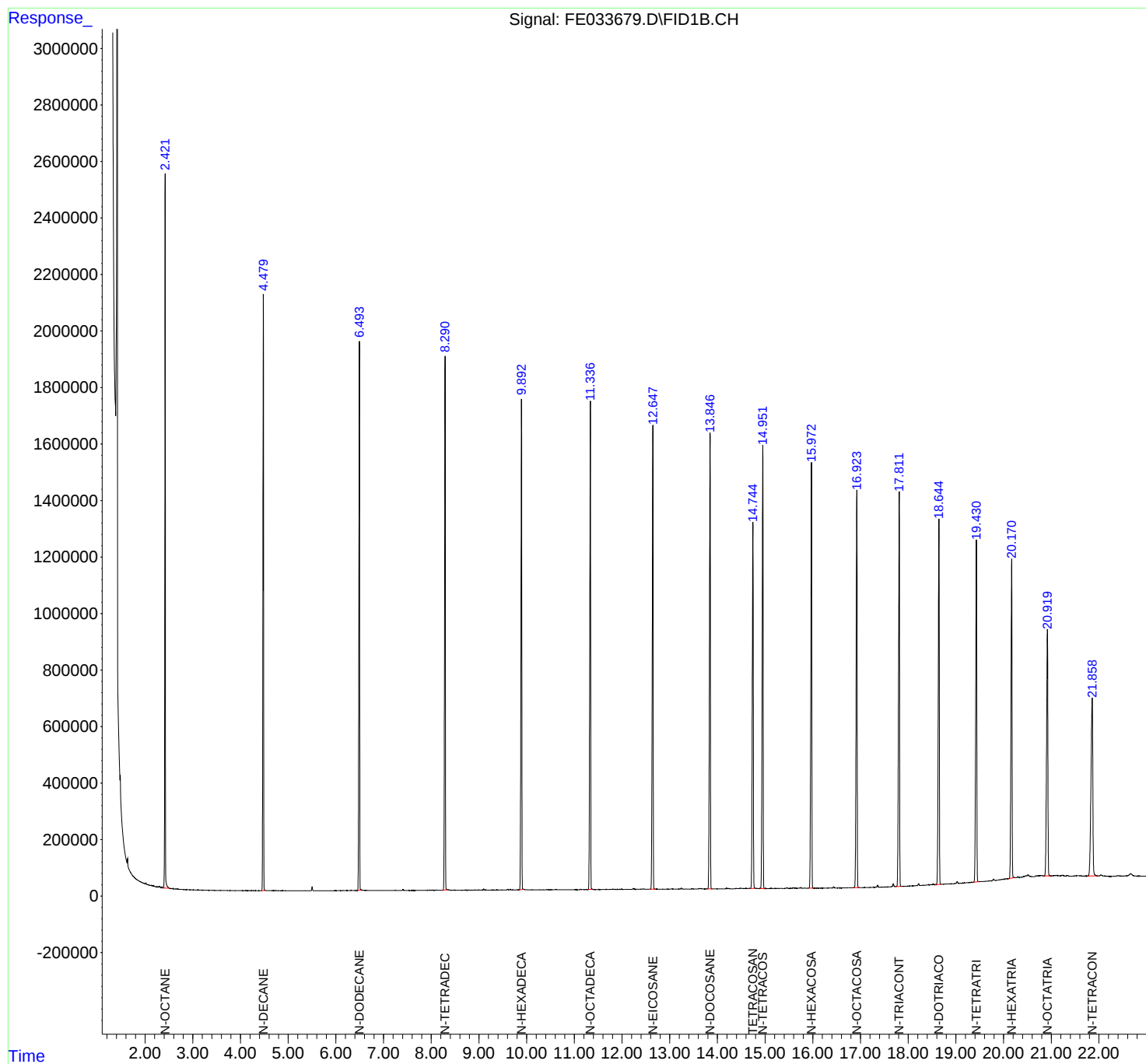
(m)=manual int.

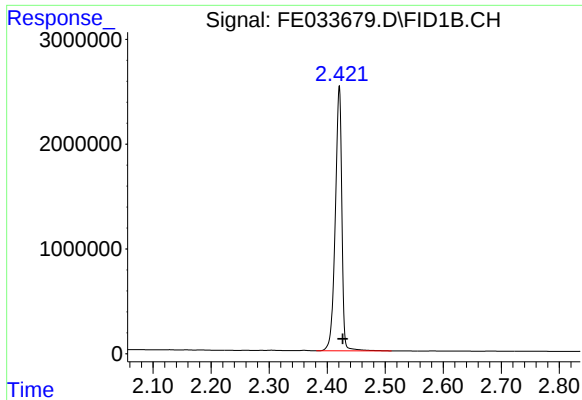
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50 PPM TRPH STD

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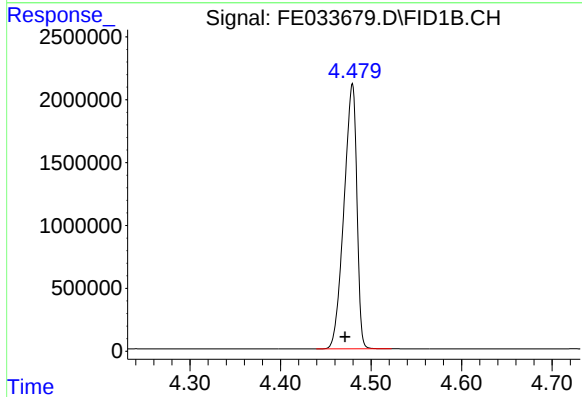




#1 N-OCTANE

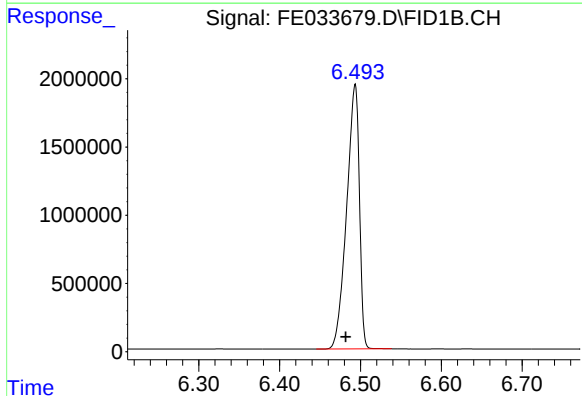
R.T.: 2.421 min
Delta R.T.: -0.006 min
Response: 19892583
Conc: 47.86 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



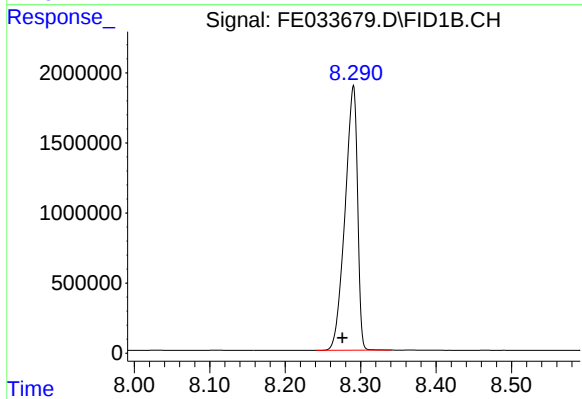
#2 N-DECANE

R.T.: 4.480 min
Delta R.T.: 0.008 min
Response: 20822145
Conc: 48.32 ug/ml



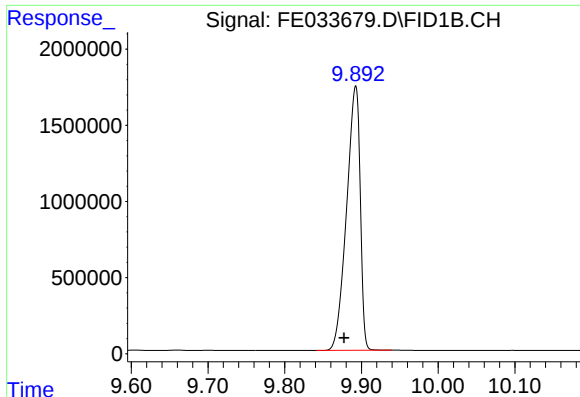
#3 N-DODECANE

R.T.: 6.494 min
Delta R.T.: 0.011 min
Response: 21261425
Conc: 48.76 ug/ml



#4 N-TETRADECANE

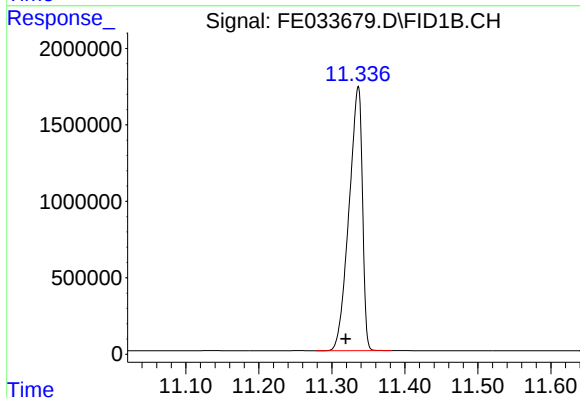
R.T.: 8.291 min
Delta R.T.: 0.015 min
Response: 21706266
Conc: 48.28 ug/ml



#5 N-HEXADECANE

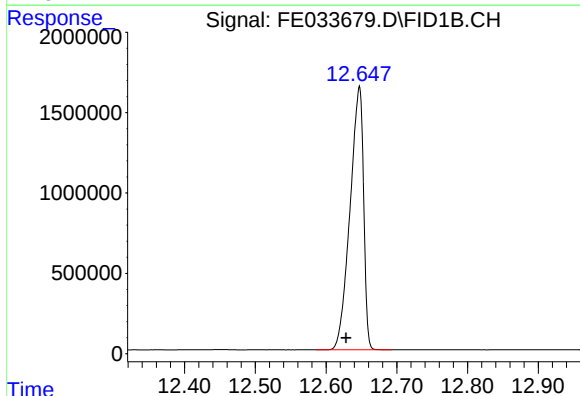
R.T.: 9.893 min
Delta R.T.: 0.015 min
Response: 21579231
Conc: 47.78 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



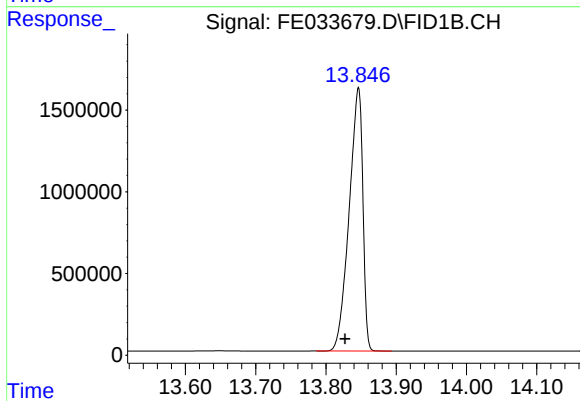
#6 N-OCTADECANE

R.T.: 11.336 min
Delta R.T.: 0.017 min
Response: 22014314
Conc: 47.51 ug/ml



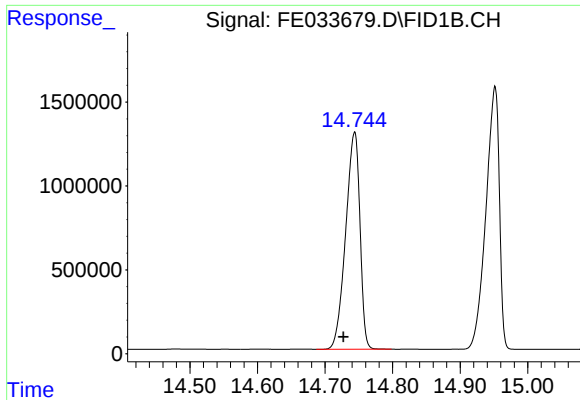
#7 N-EICOSANE

R.T.: 12.647 min
Delta R.T.: 0.019 min
Response: 21812710
Conc: 47.33 ug/ml



#8 N-DOCOSANE

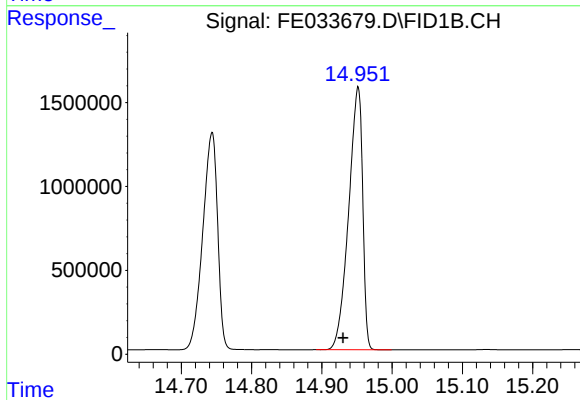
R.T.: 13.846 min
Delta R.T.: 0.019 min
Response: 21757326
Conc: 47.26 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

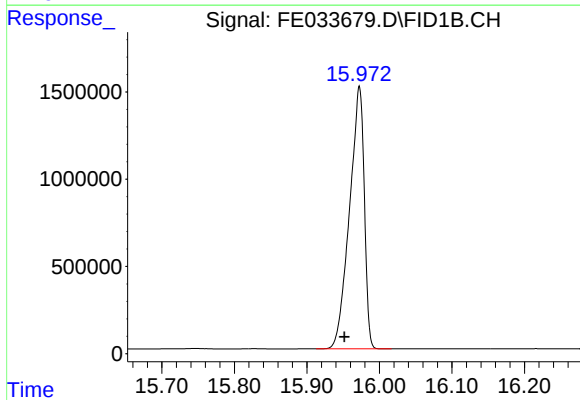
R.T.: 14.744 min
Delta R.T.: 0.017 min
Response: 18992438
Conc: 47.35 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



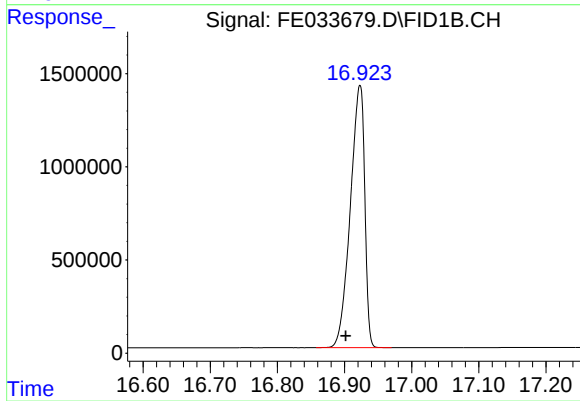
#10 N-TETRACOSANE

R.T.: 14.952 min
Delta R.T.: 0.021 min
Response: 21632866
Conc: 47.27 ug/ml



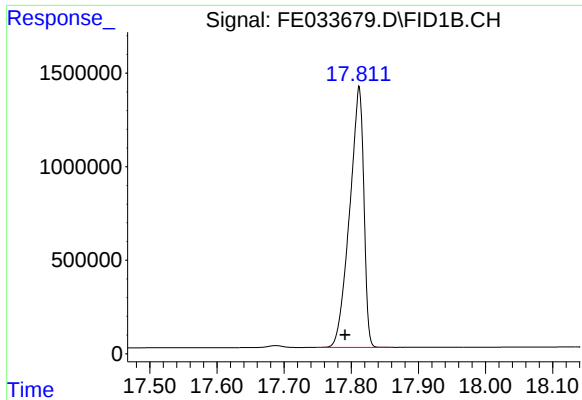
#11 N-HEXACOSANE

R.T.: 15.972 min
Delta R.T.: 0.021 min
Response: 21265314
Conc: 47.38 ug/ml



#12 N-OCTACOSANE

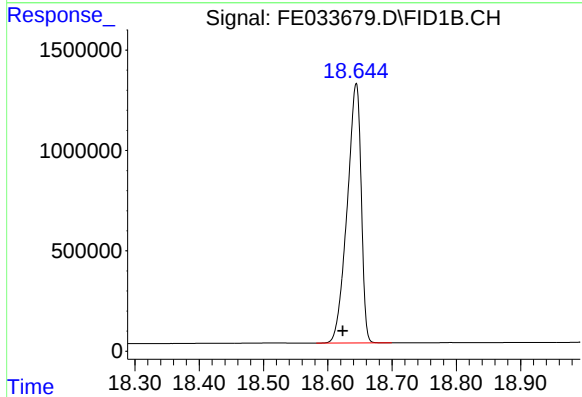
R.T.: 16.923 min
Delta R.T.: 0.021 min
Response: 20956792
Conc: 47.77 ug/ml



#13 N-TRIACONTANE

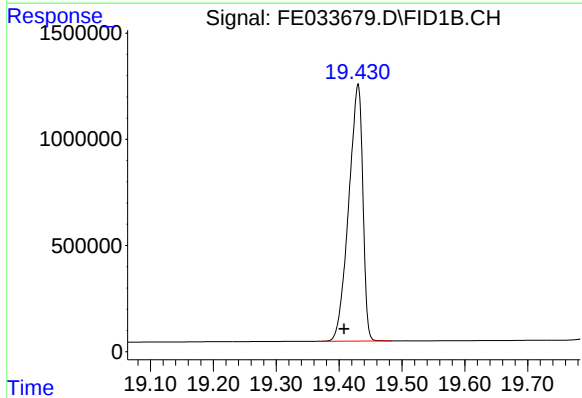
R.T.: 17.812 min
Delta R.T.: 0.021 min
Response: 20432830
Conc: 48.26 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



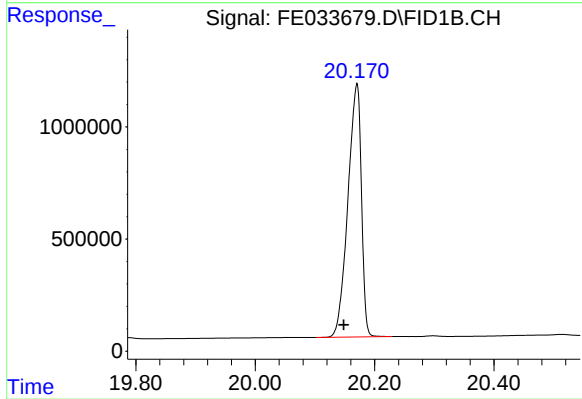
#14 N-DOTRIACONTANE

R.T.: 18.644 min
Delta R.T.: 0.021 min
Response: 19586546
Conc: 48.45 ug/ml



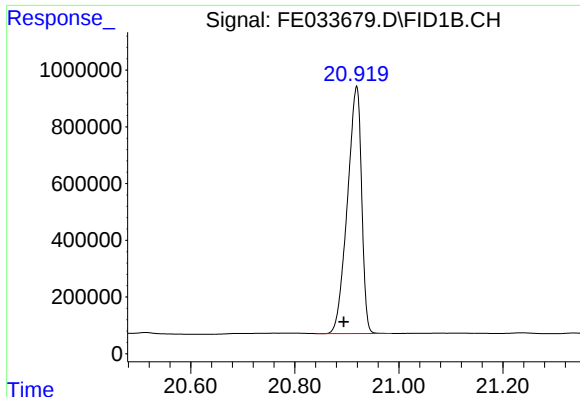
#15 N-TETRATRIACONTANE

R.T.: 19.430 min
Delta R.T.: 0.022 min
Response: 18843166
Conc: 50.07 ug/ml



#16 N-HEXATRIACONTANE

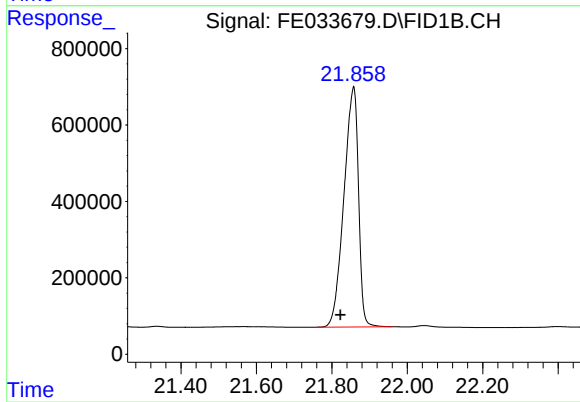
R.T.: 20.170 min
Delta R.T.: 0.022 min
Response: 17721844
Conc: 50.60 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.919 min
Delta R.T.: 0.025 min
Response: 16536680
Conc: 51.61 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.858 min
Delta R.T.: 0.035 min
Response: 16839315
Conc: 60.66 ug/ml