

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042921\
 Data File : FE033694.D
 Signal(s) : FID1B.CH
 Acq On : 29 Apr 2021 20:27
 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: Apr 30 01:46:14 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...	14.746	19576164	48.802 ug/ml
Target Compounds			
1) N-OCTANE	2.419	20300385	48.843 ug/ml
2) N-DECANE	4.479	21517461	49.935 ug/ml
3) N-DODECANE	6.494	21960656	50.367 ug/ml
4) N-TETRADECANE	8.291	22385666	49.788 ug/ml
5) N-HEXADECANE	9.894	22260357	49.293 ug/ml
6) N-OCTADECANE	11.337	22728669	49.048 ug/ml
7) N-EICOSANE	12.648	22524930	48.879 ug/ml
8) N-DOCOSANE	13.849	22426412	48.718 ug/ml
10) N-TETRACOSANE	14.954	22232508	48.584 ug/ml
11) N-HEXACOSANE	15.975	21740277	48.435 ug/ml
12) N-OCTACOSANE	16.927	21328158	48.616 ug/ml
13) N-TRIACONTANE	17.817	20740480	48.987 ug/ml
14) N-DOTRIACONTANE	18.651	19820904	49.031 ug/ml
15) N-TETRATRIACONTANE	19.436	19013259	50.522 ug/ml
16) N-HEXATRIACONTANE	20.177	17997623	51.390 ug/ml
17) N-OCTATRIACONTANE	20.927	16858079	52.618 ug/ml
18) N-TETRACONTANE	21.867	17035954	61.372 ug/ml

(f)=RT Delta > 1/2 Window

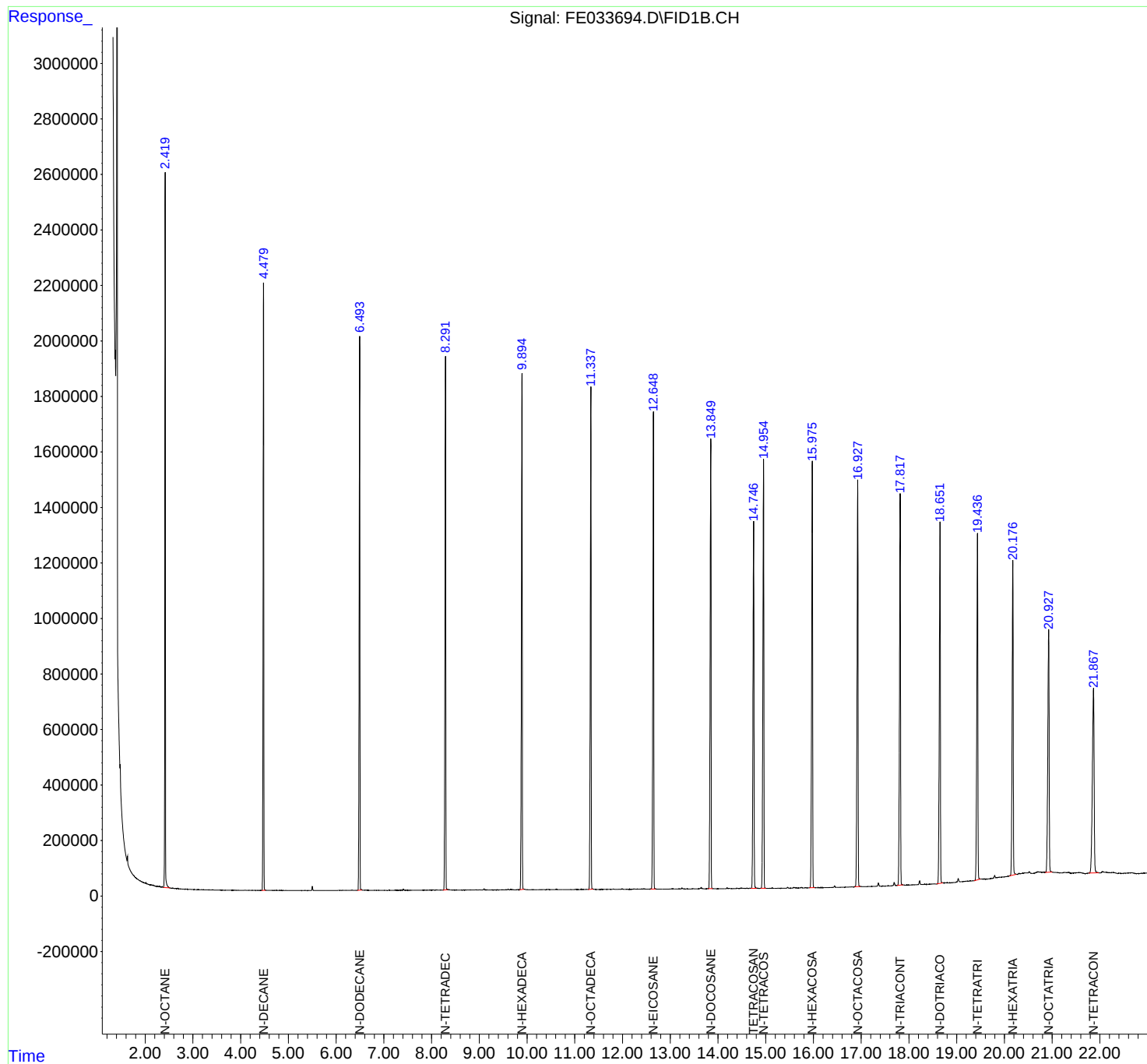
(m)=manual int.

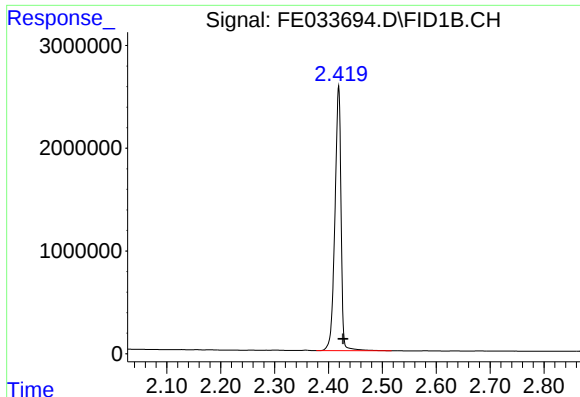
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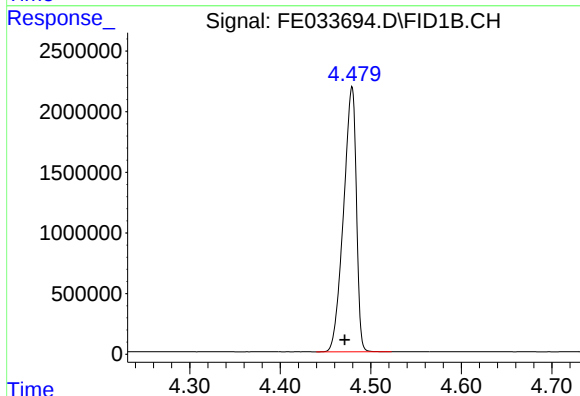




#1 N-OCTANE

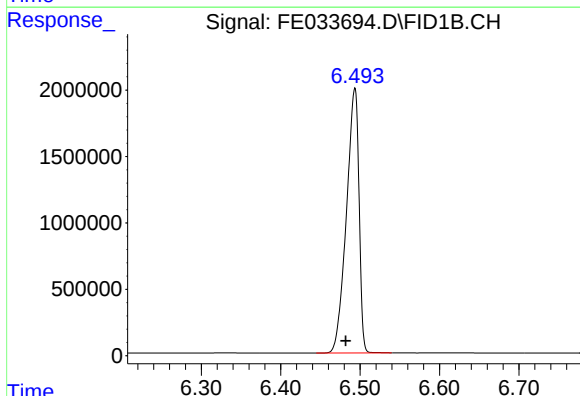
R.T.: 2.419 min
Delta R.T.: -0.008 min
Response: 20300385
Conc: 48.84 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



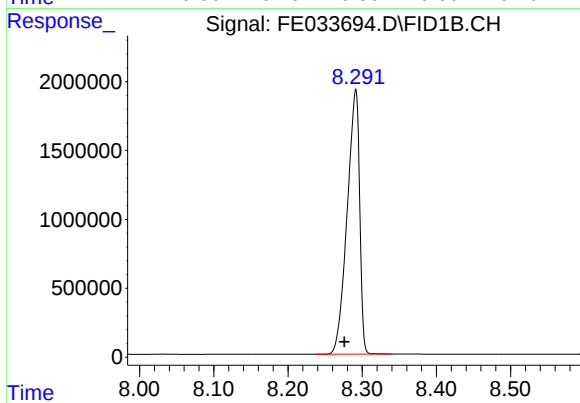
#2 N-DECANE

R.T.: 4.479 min
Delta R.T.: 0.008 min
Response: 21517461
Conc: 49.93 ug/ml



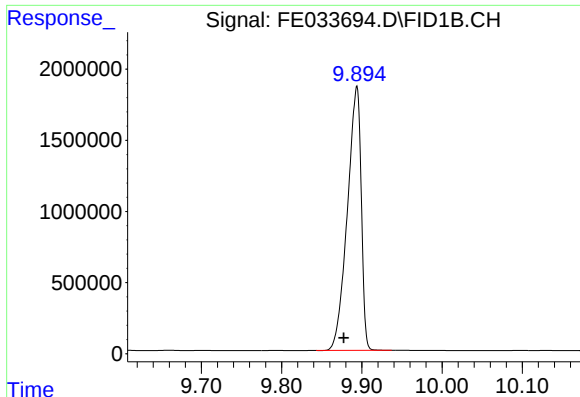
#3 N-DODECANE

R.T.: 6.494 min
Delta R.T.: 0.011 min
Response: 21960656
Conc: 50.37 ug/ml



#4 N-TETRADECANE

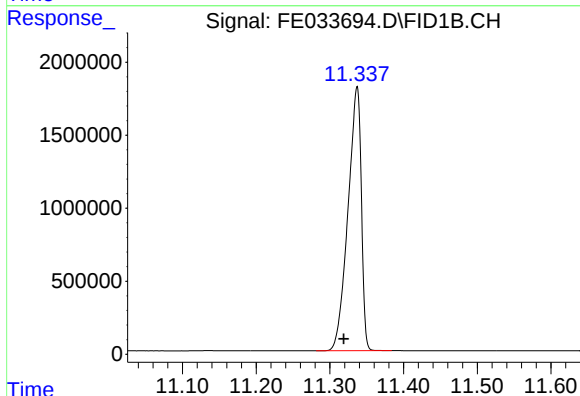
R.T.: 8.291 min
Delta R.T.: 0.016 min
Response: 22385666
Conc: 49.79 ug/ml



#5 N-HEXADECANE

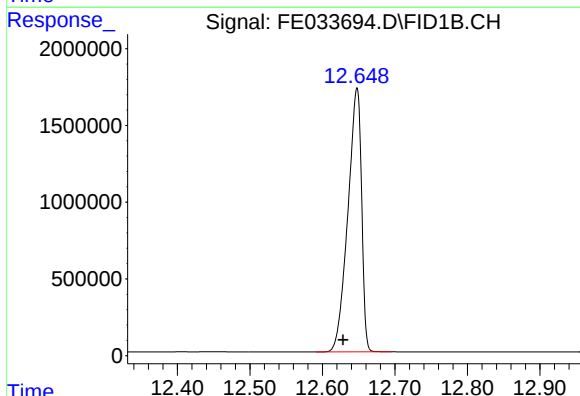
R.T.: 9.894 min
Delta R.T.: 0.017 min
Response: 22260357
Conc: 49.29 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



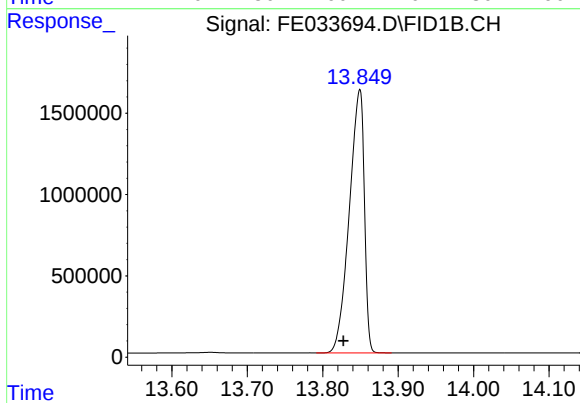
#6 N-OCTADECANE

R.T.: 11.337 min
Delta R.T.: 0.018 min
Response: 22728669
Conc: 49.05 ug/ml



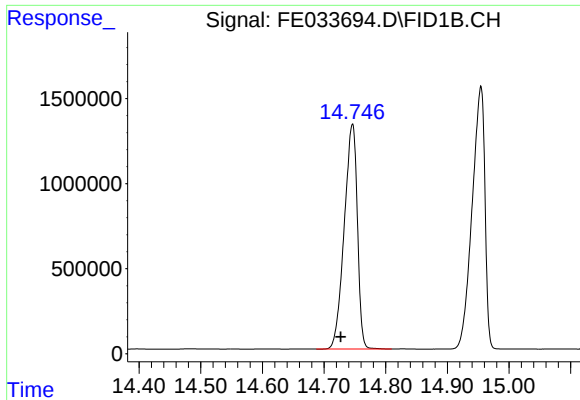
#7 N-EICOSANE

R.T.: 12.648 min
Delta R.T.: 0.019 min
Response: 22524930
Conc: 48.88 ug/ml



#8 N-DOCOSANE

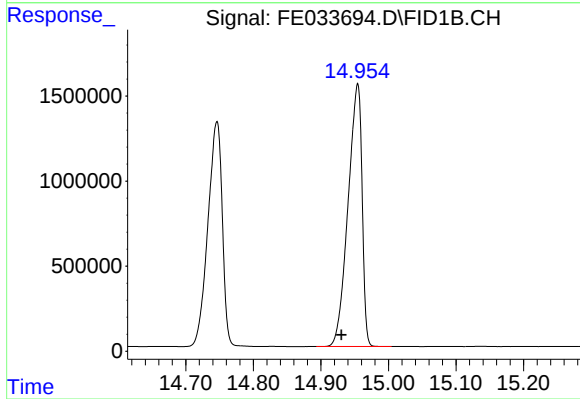
R.T.: 13.849 min
Delta R.T.: 0.022 min
Response: 22426412
Conc: 48.72 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

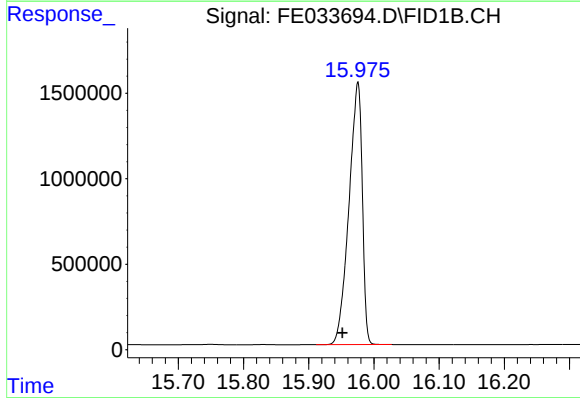
R.T.: 14.746 min
Delta R.T.: 0.019 min
Response: 19576164
Conc: 48.80 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



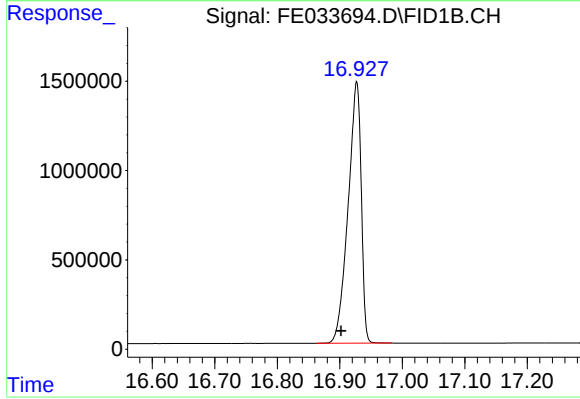
#10 N-TETRACOSANE

R.T.: 14.954 min
Delta R.T.: 0.024 min
Response: 22232508
Conc: 48.58 ug/ml



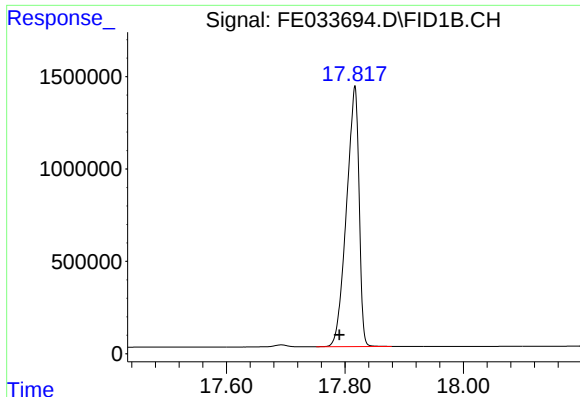
#11 N-HEXACOSANE

R.T.: 15.975 min
Delta R.T.: 0.024 min
Response: 21740277
Conc: 48.43 ug/ml



#12 N-OCTACOSANE

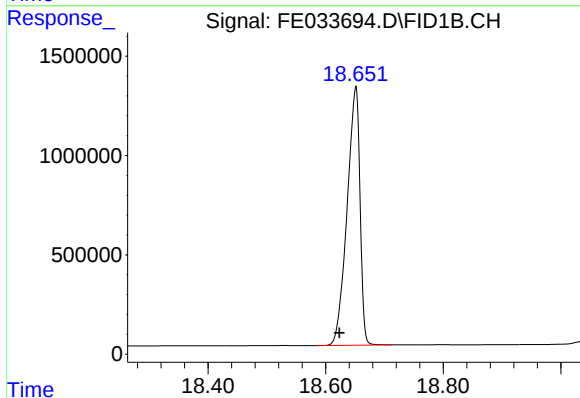
R.T.: 16.927 min
Delta R.T.: 0.025 min
Response: 21328158
Conc: 48.62 ug/ml



#13 N-TRIACONTANE

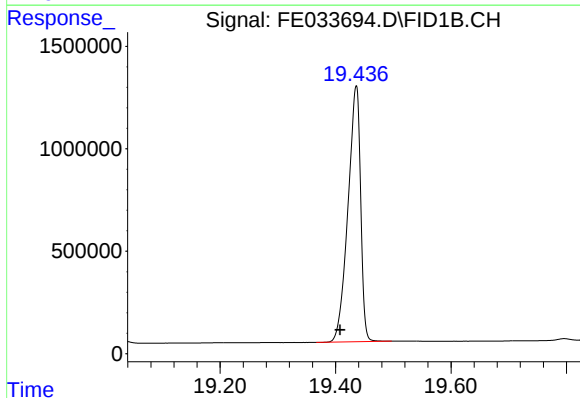
R.T.: 17.817 min
Delta R.T.: 0.026 min
Response: 20740480
Conc: 48.99 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



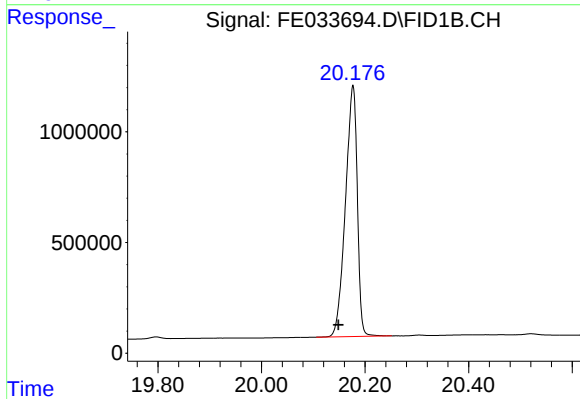
#14 N-DOTRIACONTANE

R.T.: 18.651 min
Delta R.T.: 0.028 min
Response: 19820904
Conc: 49.03 ug/ml



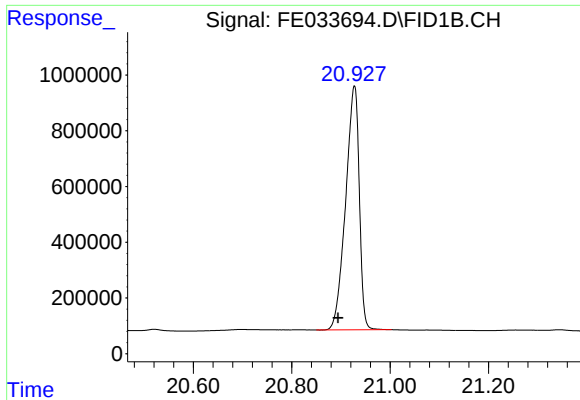
#15 N-TETRATRIACONTANE

R.T.: 19.436 min
Delta R.T.: 0.028 min
Response: 19013259
Conc: 50.52 ug/ml



#16 N-HEXATRIACONTANE

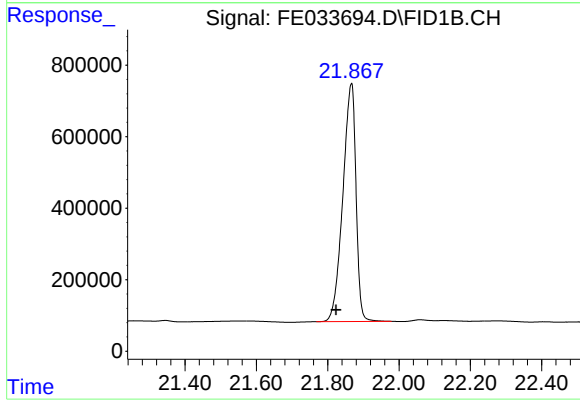
R.T.: 20.177 min
Delta R.T.: 0.028 min
Response: 17997623
Conc: 51.39 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.927 min
Delta R.T.: 0.033 min
Response: 16858079
Conc: 52.62 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.867 min
Delta R.T.: 0.044 min
Response: 17035954
Conc: 61.37 ug/ml