

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012525\
 Data File : FE052078.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2025 06:29
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jan 27 02:36:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE012325.M
 Quant Title :
 QLast Update : Fri Jan 24 03:06:38 2025
 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...	15.250	4955260	49.752 ug/ml
Target Compounds			
1) N-OCTANE	2.409	4198098	49.228 ug/ml
2) N-DECANE	4.903	4560918	49.844 ug/ml
3) N-DODECANE	7.032	4996691	50.009 ug/ml
4) N-TETRADECANE	8.837	5086698	49.993 ug/ml
5) N-HEXADECANE	10.430	5333427	50.051 ug/ml
6) N-OCTADECANE	11.863	5612972	50.062 ug/ml
7) N-EICOSANE	13.164	5552378	49.851 ug/ml
8) N-DOCOSANE	14.355	5508787	49.615 ug/ml
10) N-TETRACOSANE	15.454	5481777	49.559 ug/ml
11) N-HEXACOSANE	16.469	5398561	49.524 ug/ml
12) N-OCTACOSANE	17.416	5335707	49.433 ug/ml
13) N-TRIACONTANE	18.301	5302649	49.419 ug/ml
14) N-DOTRIACONTANE	19.130	5152311	49.344 ug/ml
15) N-TETRATRIACONTANE	19.912	4620129	49.200 ug/ml
16) N-HEXATRIACONTANE	20.649	3938024	48.767 ug/ml
17) N-OCTATRIACONTANE	21.432	3619744	48.516 ug/ml
18) N-TETRACONTANE	22.432	3535626	48.009 ug/ml

(f)=RT Delta > 1/2 Window

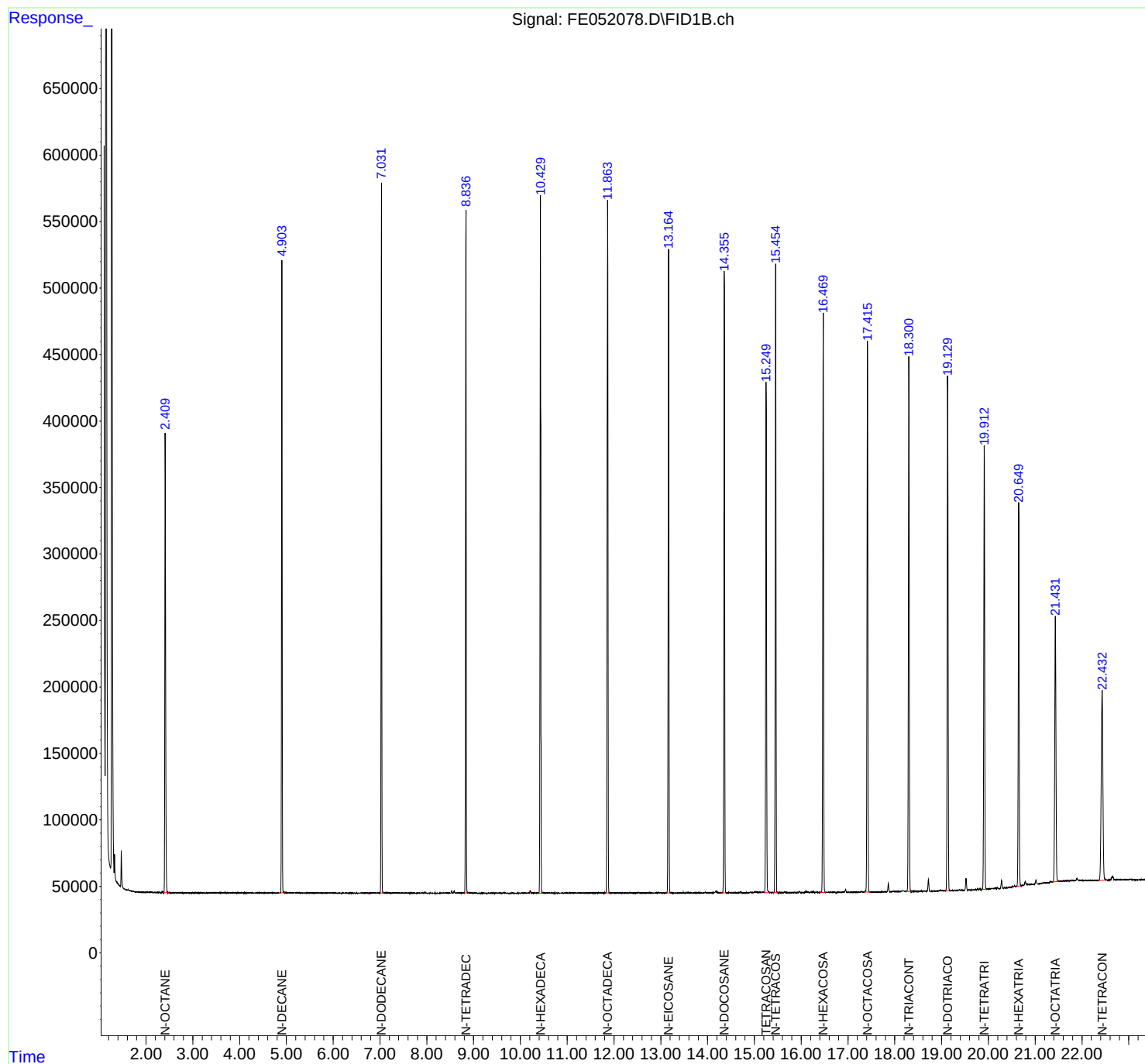
(m)=manual int.

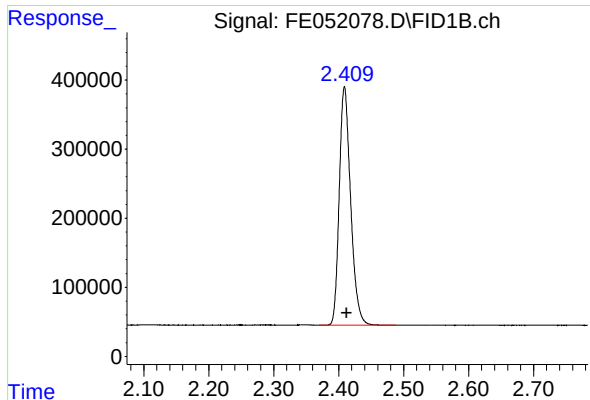
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Signal Info : 20mx0.18mmx0.18um

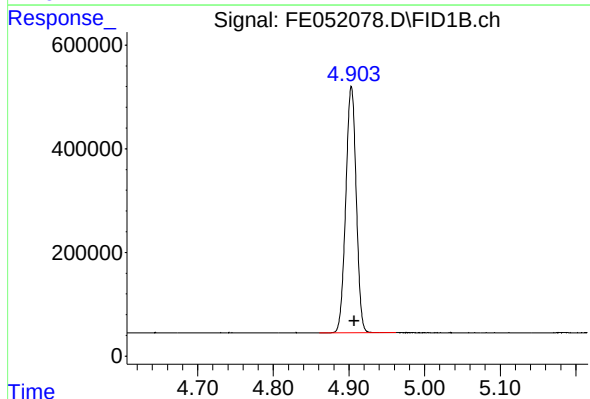




#1 N-OCTANE

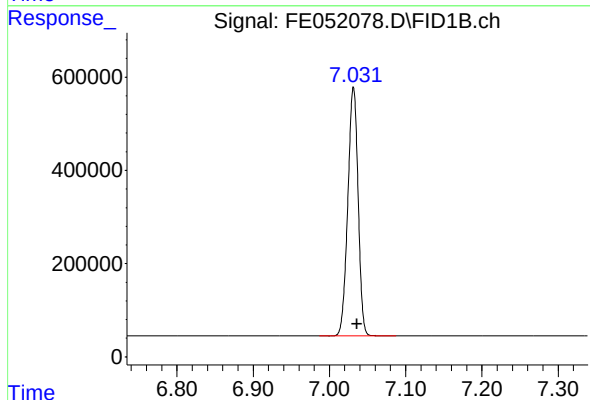
R.T.: 2.409 min
Delta R.T.: -0.003 min
Response: 4198098
Conc: 49.23 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



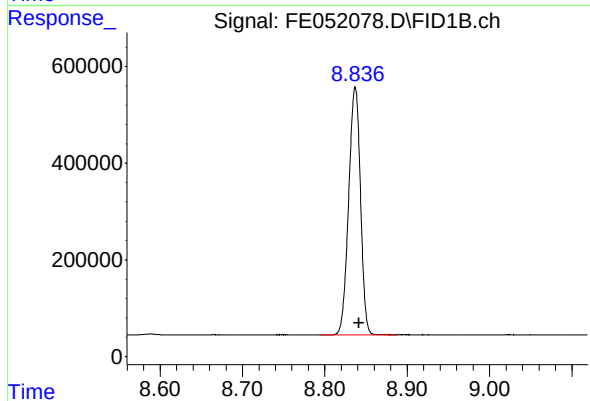
#2 N-DECANE

R.T.: 4.903 min
Delta R.T.: -0.004 min
Response: 4560918
Conc: 49.84 ug/ml



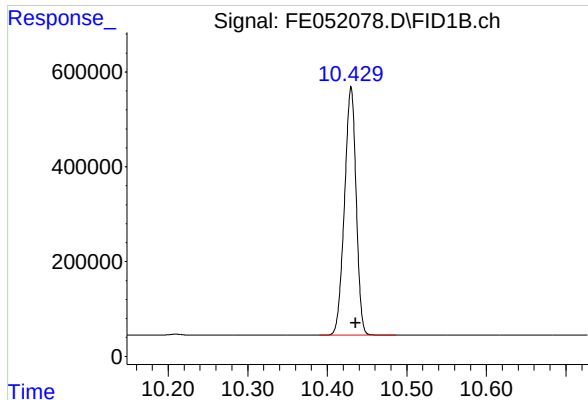
#3 N-DODECANE

R.T.: 7.032 min
Delta R.T.: -0.004 min
Response: 4996691
Conc: 50.01 ug/ml



#4 N-TETRADECANE

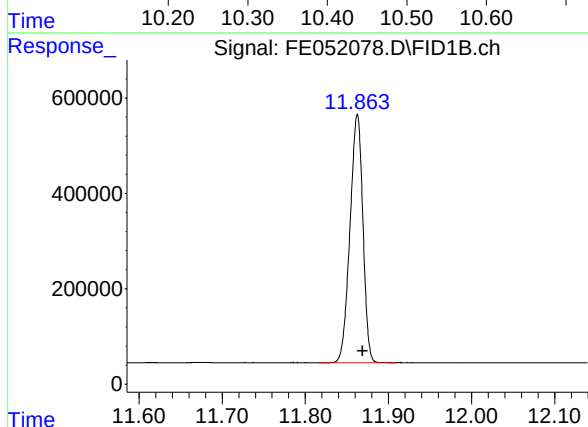
R.T.: 8.837 min
Delta R.T.: -0.005 min
Response: 5086698
Conc: 49.99 ug/ml



#5 N-HEXADECANE

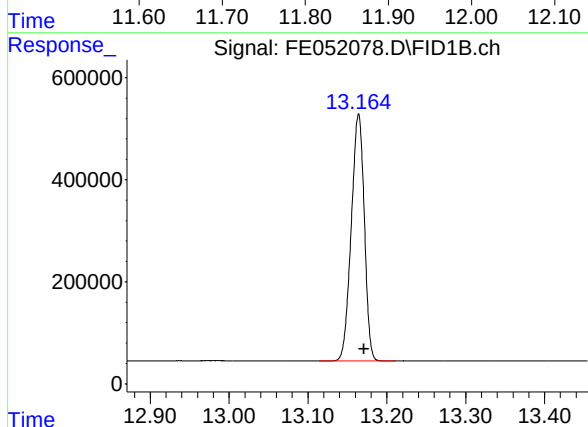
R.T.: 10.430 min
Delta R.T.: -0.006 min
Response: 5333427
Conc: 50.05 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



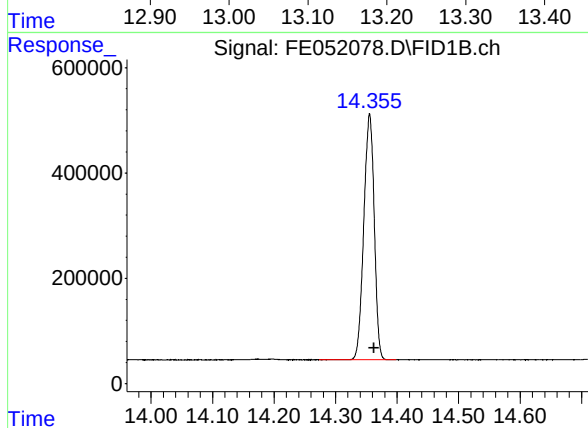
#6 N-OCTADECANE

R.T.: 11.863 min
Delta R.T.: -0.006 min
Response: 5612972
Conc: 50.06 ug/ml



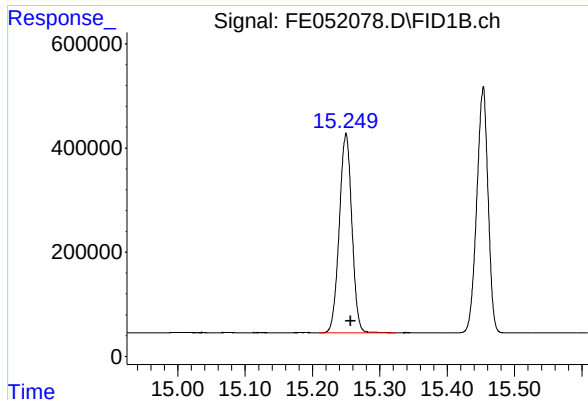
#7 N-EICOSANE

R.T.: 13.164 min
Delta R.T.: -0.007 min
Response: 5552378
Conc: 49.85 ug/ml



#8 N-DOCOSANE

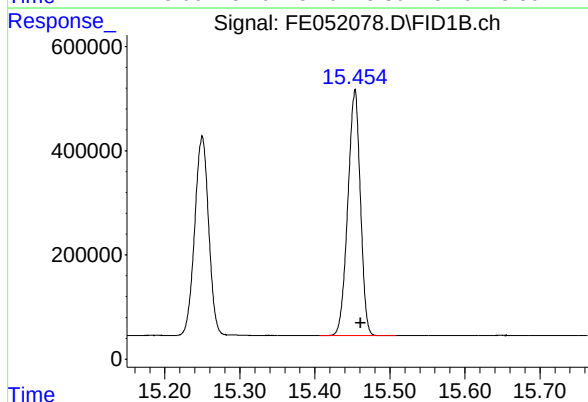
R.T.: 14.355 min
Delta R.T.: -0.007 min
Response: 5508787
Conc: 49.62 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

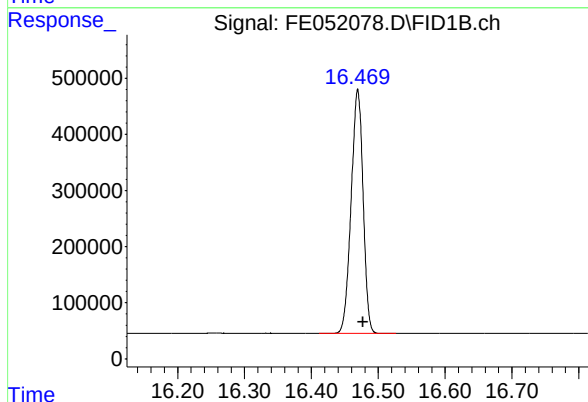
R.T.: 15.250 min
Delta R.T.: -0.007 min
Response: 4955260
Conc: 49.75 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



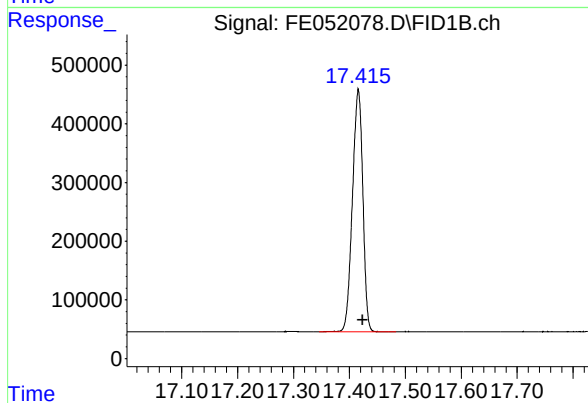
#10 N-TETRACOSANE

R.T.: 15.454 min
Delta R.T.: -0.008 min
Response: 5481777
Conc: 49.56 ug/ml



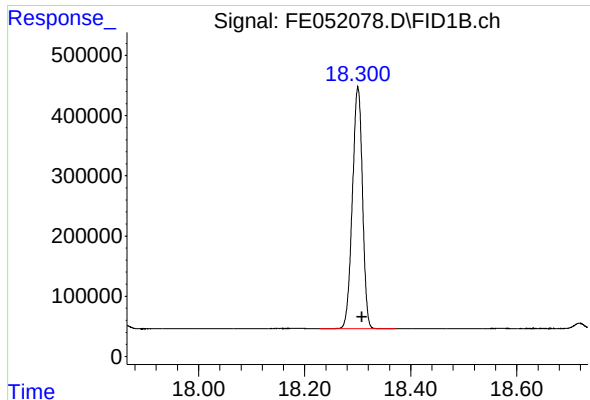
#11 N-HEXACOSANE

R.T.: 16.469 min
Delta R.T.: -0.008 min
Response: 5398561
Conc: 49.52 ug/ml



#12 N-OCTACOSANE

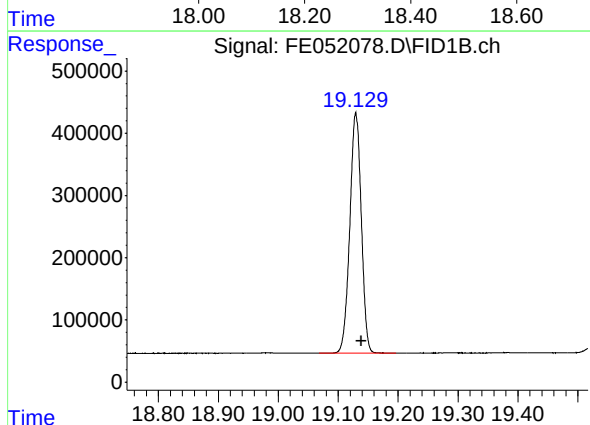
R.T.: 17.416 min
Delta R.T.: -0.008 min
Response: 5335707
Conc: 49.43 ug/ml



#13 N-TRIACONTANE

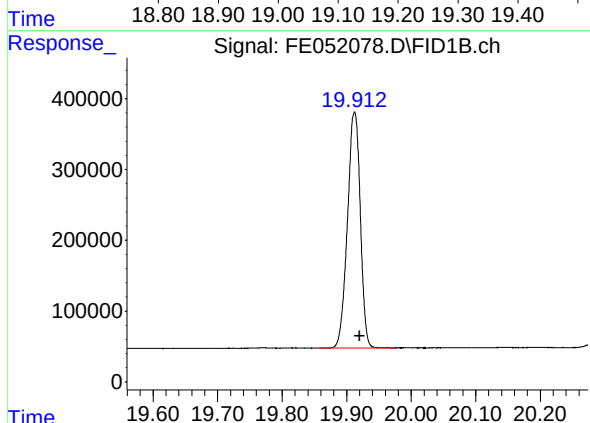
R.T.: 18.301 min
Delta R.T.: -0.008 min
Response: 5302649
Conc: 49.42 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



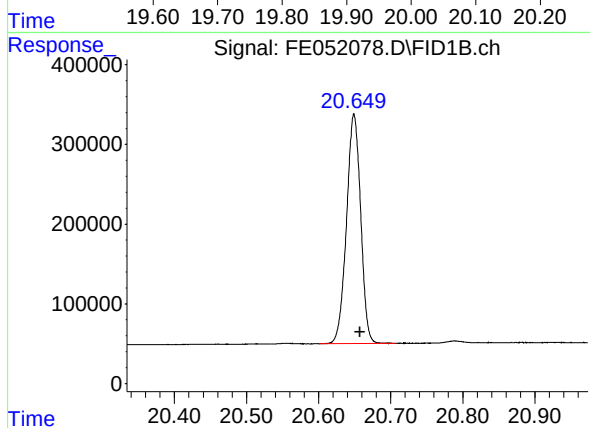
#14 N-DOTRIACONTANE

R.T.: 19.130 min
Delta R.T.: -0.009 min
Response: 5152311
Conc: 49.34 ug/ml



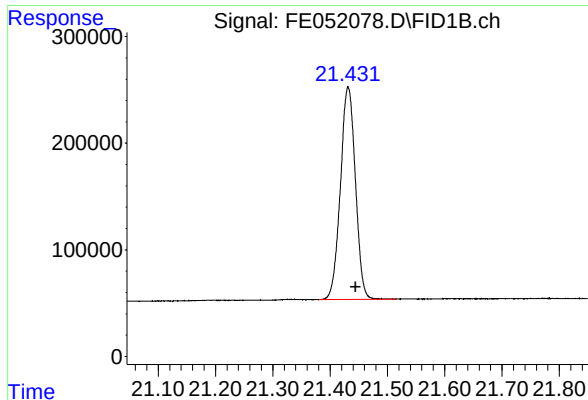
#15 N-TETRATRIACONTANE

R.T.: 19.912 min
Delta R.T.: -0.008 min
Response: 4620129
Conc: 49.20 ug/ml



#16 N-HEXATRIACONTANE

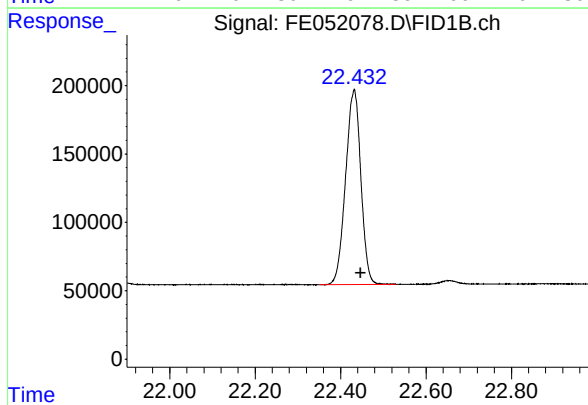
R.T.: 20.649 min
Delta R.T.: -0.008 min
Response: 3938024
Conc: 48.77 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.432 min
Delta R.T.: -0.013 min
Response: 3619744
Conc: 48.52 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.432 min
Delta R.T.: -0.015 min
Response: 3535626
Conc: 48.01 ug/ml