

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080524\
 Data File : FE049453.D
 Signal(s) : FID1B.ch
 Acq On : 05 Aug 2024 16:15
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 06 01:12:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE072924.M
 Quant Title :
 QLast Update : Tue Jul 30 04:50:04 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...	14.983	5946567	46.502 ug/ml
Target Compounds			
1) N-OCTANE	2.015	6522562	46.416 ug/ml
2) N-DECANE	4.533	6807428	48.574 ug/ml
3) N-DODECANE	6.703	6859810	48.277 ug/ml
4) N-TETRADECANE	8.530	6925909	48.932 ug/ml
5) N-HEXADECANE	10.136	6864191	48.737 ug/ml
6) N-OCTADECANE	11.579	6930006	48.304 ug/ml
7) N-EICOSANE	12.888	6849895	48.591 ug/ml
8) N-DOCOSANE	14.084	6735344	48.387 ug/ml
10) N-TETRACOSANE	15.186	6731518	48.293 ug/ml
11) N-HEXACOSANE	16.206	6746660	48.353 ug/ml
12) N-OCTACOSANE	17.155	6734301	47.992 ug/ml
13) N-TRIACONTANE	18.041	6881943	48.228 ug/ml
14) N-DOTRIACONTANE	18.873	6897328	49.108 ug/ml
15) N-TETRATRIACONTANE	19.655	6923987	56.912 ug/ml
16) N-HEXATRIACONTANE	20.395	6773106	66.109 ug/ml
17) N-OCTATRIACONTANE	21.123	6175898	65.457 ug/ml
18) N-TETRACONTANE	22.024	6381142	67.425 ug/ml

(f)=RT Delta > 1/2 Window

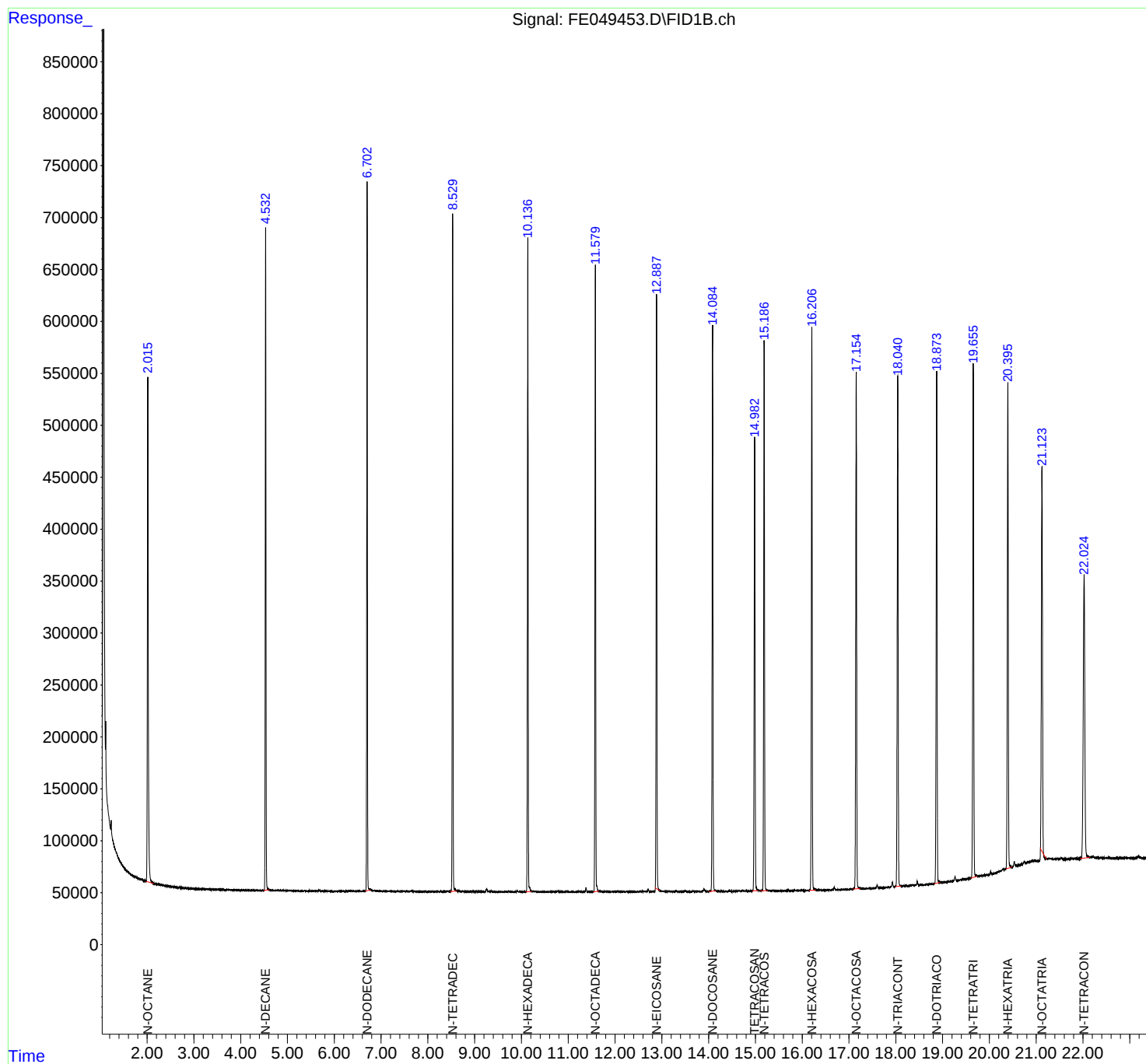
(m)=manual int.

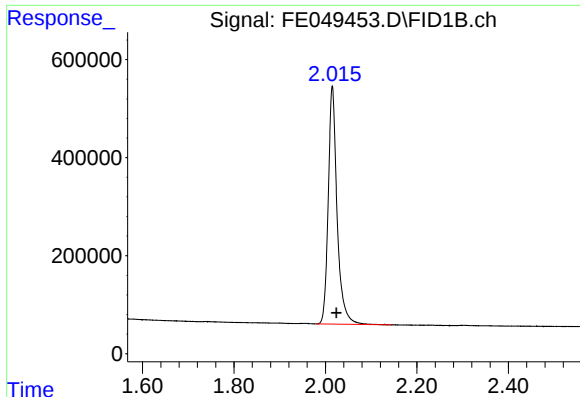
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

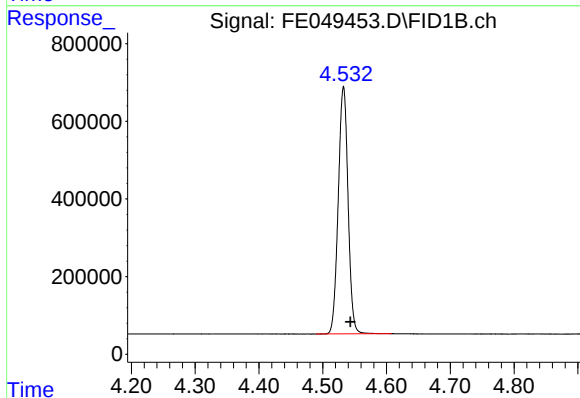




#1 N-OCTANE

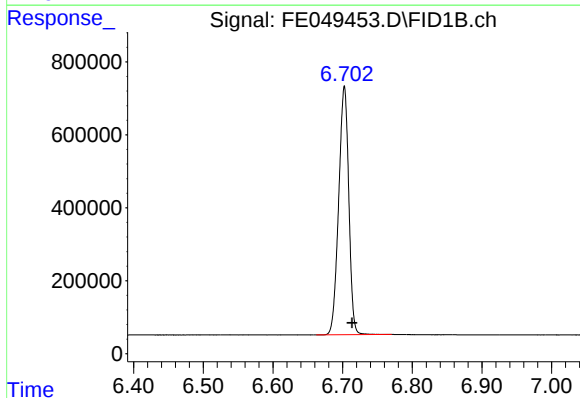
R.T.: 2.015 min
Delta R.T.: -0.009 min
Response: 6522562
Conc: 46.42 ug/ml

Instrument :
FID_E
ClientSampleId :



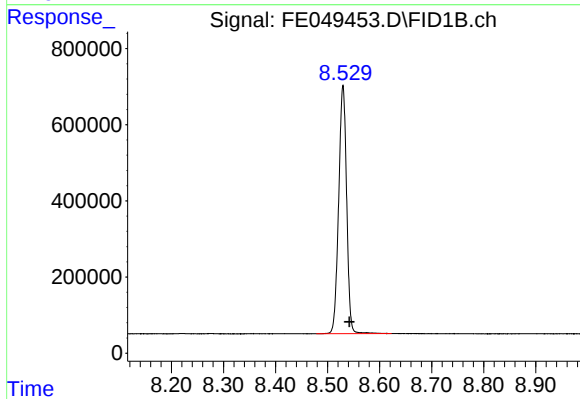
#2 N-DECANE

R.T.: 4.533 min
Delta R.T.: -0.011 min
Response: 6807428
Conc: 48.57 ug/ml



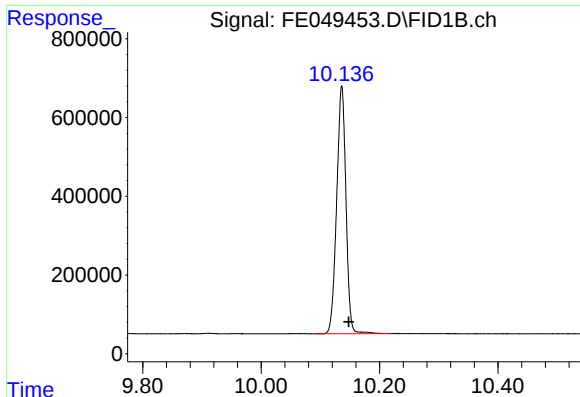
#3 N-DODECANE

R.T.: 6.703 min
Delta R.T.: -0.011 min
Response: 6859810
Conc: 48.28 ug/ml



#4 N-TETRADECANE

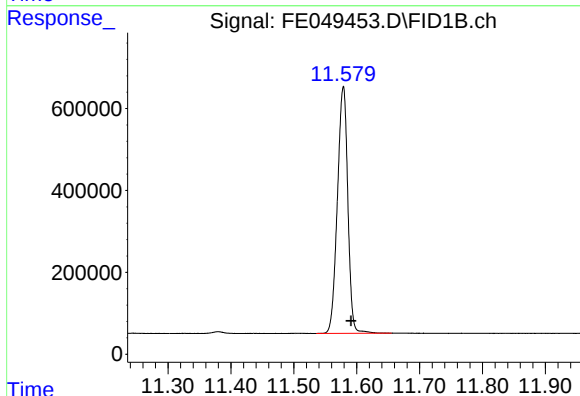
R.T.: 8.530 min
Delta R.T.: -0.012 min
Response: 6925909
Conc: 48.93 ug/ml



#5 N-HEXADECANE

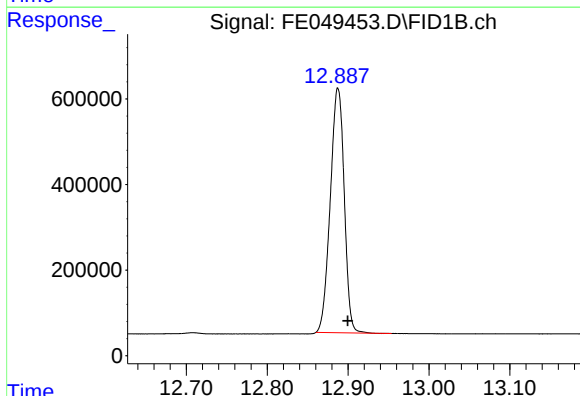
R.T.: 10.136 min
Delta R.T.: -0.012 min
Response: 6864191
Conc: 48.74 ug/ml

Instrument :
FID_E
ClientSampleId :



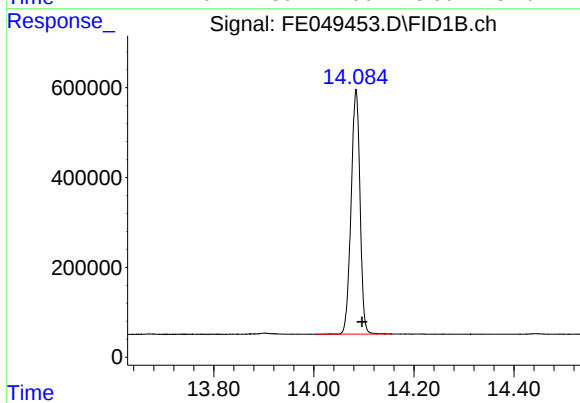
#6 N-OCTADECANE

R.T.: 11.579 min
Delta R.T.: -0.012 min
Response: 6930006
Conc: 48.30 ug/ml



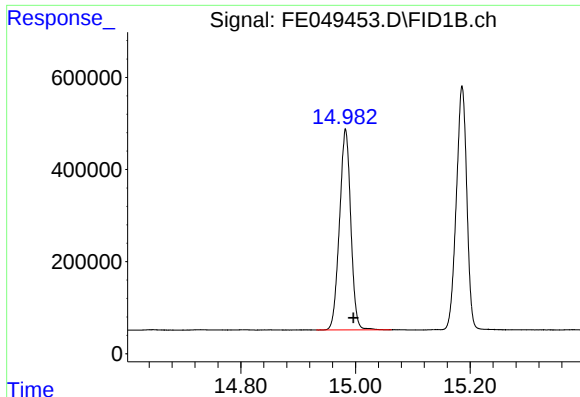
#7 N-EICOSANE

R.T.: 12.888 min
Delta R.T.: -0.012 min
Response: 6849895
Conc: 48.59 ug/ml



#8 N-DOCOSANE

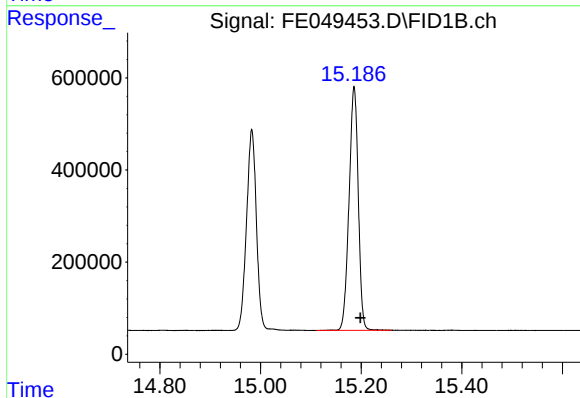
R.T.: 14.084 min
Delta R.T.: -0.012 min
Response: 6735344
Conc: 48.39 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

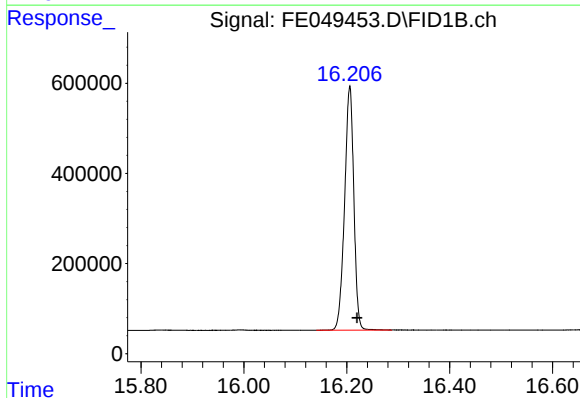
R.T.: 14.983 min
Delta R.T.: -0.014 min
Response: 5946567
Conc: 46.50 ug/ml

Instrument :
FID_E
ClientSampleId :



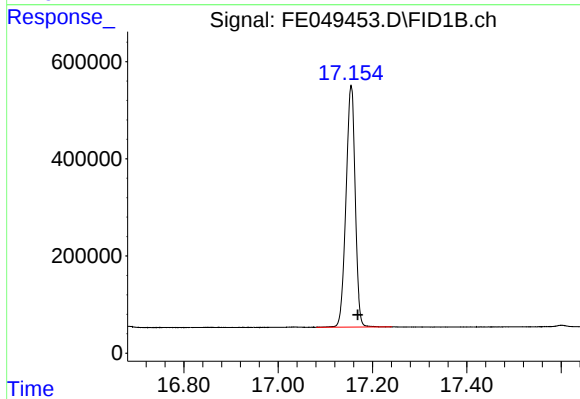
#10 N-TETRACOSANE

R.T.: 15.186 min
Delta R.T.: -0.013 min
Response: 6731518
Conc: 48.29 ug/ml



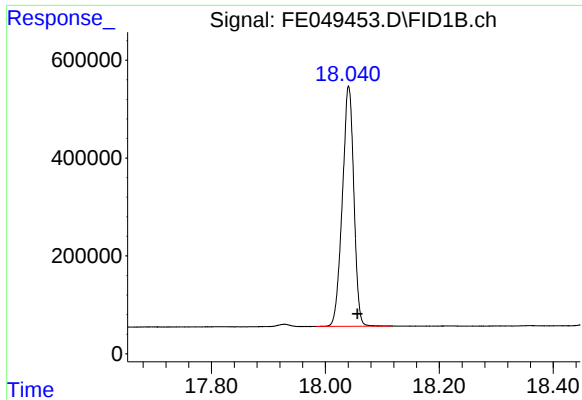
#11 N-HEXACOSANE

R.T.: 16.206 min
Delta R.T.: -0.014 min
Response: 6746660
Conc: 48.35 ug/ml



#12 N-OCTACOSANE

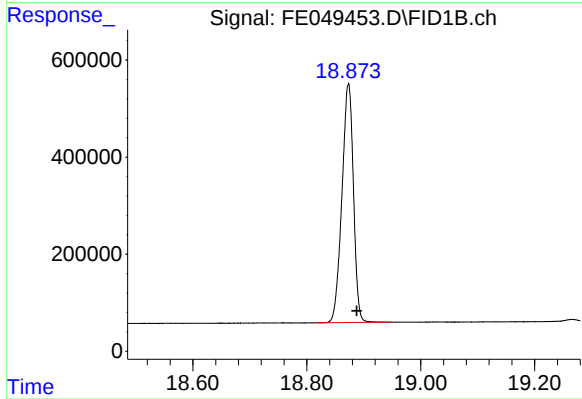
R.T.: 17.155 min
Delta R.T.: -0.014 min
Response: 6734301
Conc: 47.99 ug/ml



#13 N-TRIACONTANE

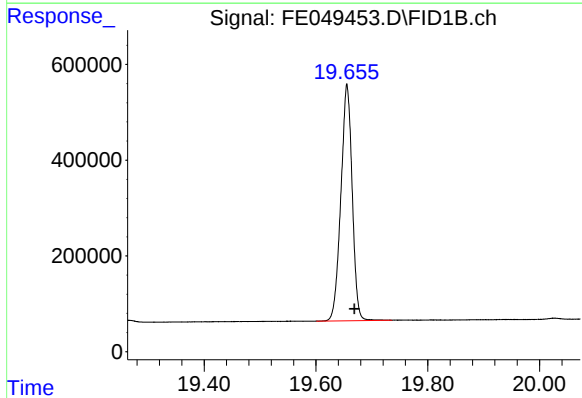
R.T.: 18.041 min
Delta R.T.: -0.015 min
Response: 6881943
Conc: 48.23 ug/ml

Instrument :
FID_E
ClientSampleId :



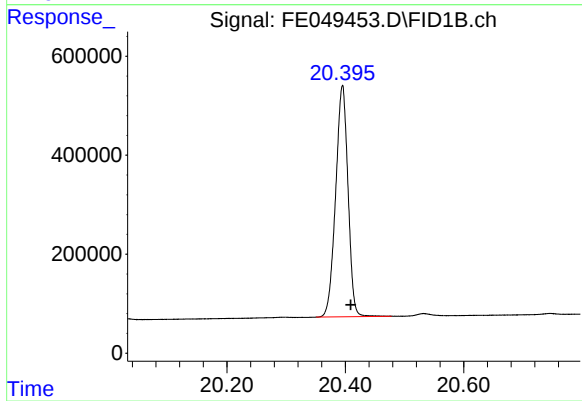
#14 N-DOTRIACONTANE

R.T.: 18.873 min
Delta R.T.: -0.015 min
Response: 6897328
Conc: 49.11 ug/ml



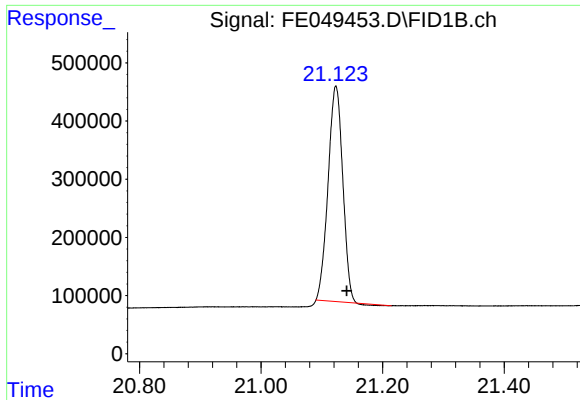
#15 N-TETRATRIACONTANE

R.T.: 19.655 min
Delta R.T.: -0.013 min
Response: 6923987
Conc: 56.91 ug/ml



#16 N-HEXATRIACONTANE

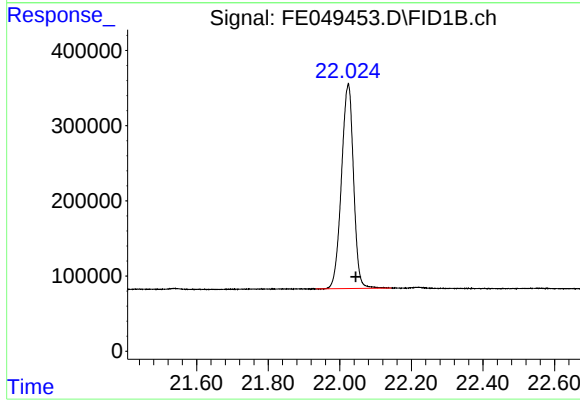
R.T.: 20.395 min
Delta R.T.: -0.014 min
Response: 6773106
Conc: 66.11 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.123 min
Delta R.T.: -0.018 min
Response: 6175898
Conc: 65.46 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.024 min
Delta R.T.: -0.020 min
Response: 6381142
Conc: 67.43 ug/ml