

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042125\
 Data File : FG015723.D
 Signal(s) : FID1A.ch
 Acq On : 21 Apr 2025 11:57
 Operator : YP\AJ
 Sample : PB167614BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB167656BS

Integration File: autoint1.e
 Quant Time: Apr 21 13:47:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 11:04:29 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...	15.003	2068534	18.056 ug/ml
Target Compounds			
1) N-OCTANE	1.977	2199404	18.923 ug/ml
2) N-DECANE	4.505	2212194	18.726 ug/ml
3) N-DODECANE	6.687	2274910	18.735 ug/ml
4) N-TETRADECANE	8.523	2339350	18.551 ug/ml
5) N-HEXADECANE	10.137	2359543	18.325 ug/ml
6) N-OCTADECANE	11.585	2399986	18.217 ug/ml
7) N-EICOSANE	12.899	2408483	17.987 ug/ml
8) N-DOCOSANE	14.101	2325767	17.898 ug/ml
10) N-TETRACOSANE	15.207	2312225	17.851 ug/ml
11) N-HEXACOSANE	16.232	2263526	17.785 ug/ml
12) N-OCTACOSANE	17.184	2217291	17.738 ug/ml
13) N-TRIACONTANE	18.073	2212148	17.672 ug/ml
14) N-DOTRIACONTANE	18.906	2029603	17.102 ug/ml
15) N-TETRATRIACONTANE	19.691	1641598	15.728 ug/ml
16) N-HEXATRIACONTANE	20.430	1193200	13.614 ug/ml
17) N-OCTATRIACONTANE	21.172	901491	12.080 ug/ml
18) N-TETRACONTANE	22.093	715542	10.803 ug/ml

(f)=RT Delta > 1/2 Window

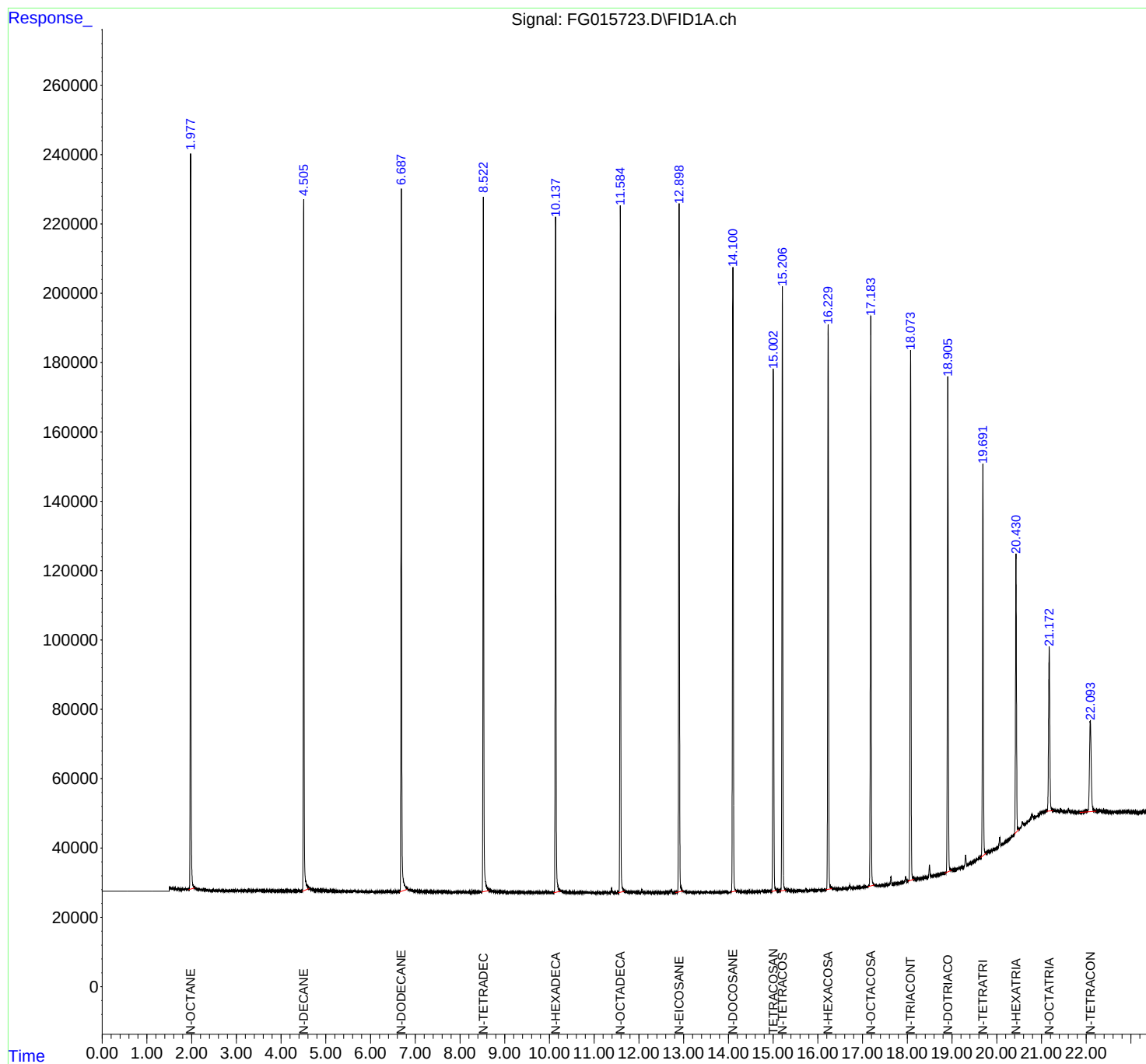
(m)=manual int.

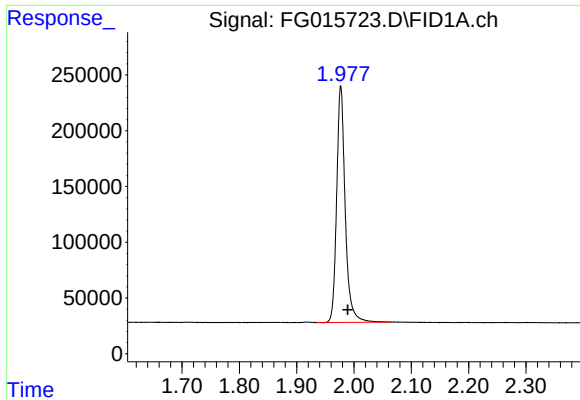
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

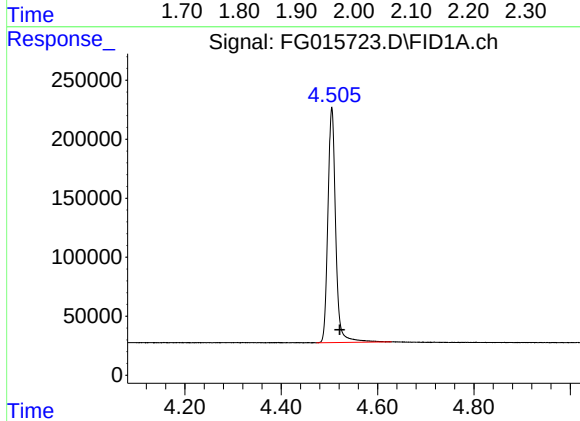




#1 N-OCTANE

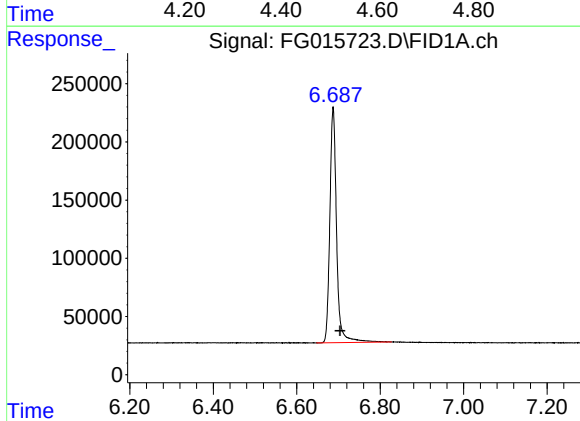
R.T.: 1.977 min
Delta R.T.: -0.012 min
Response: 2199404
Conc: 18.92 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167656BS



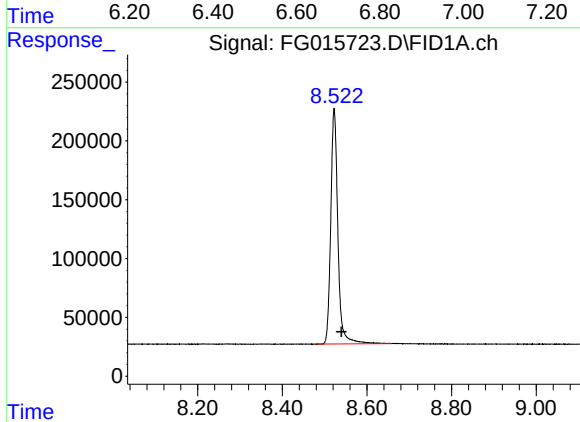
#2 N-DECANE

R.T.: 4.505 min
Delta R.T.: -0.016 min
Response: 2212194
Conc: 18.73 ug/ml



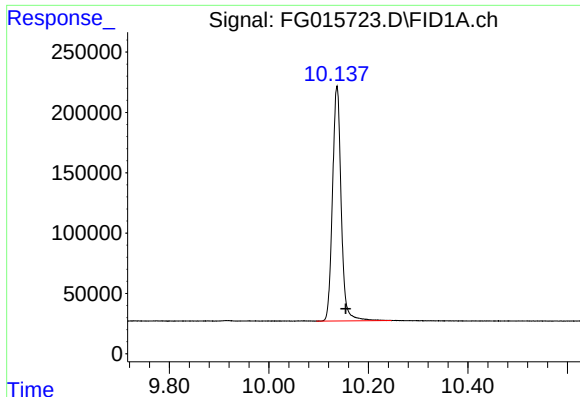
#3 N-DODECANE

R.T.: 6.687 min
Delta R.T.: -0.017 min
Response: 2274910
Conc: 18.73 ug/ml



#4 N-TETRADECANE

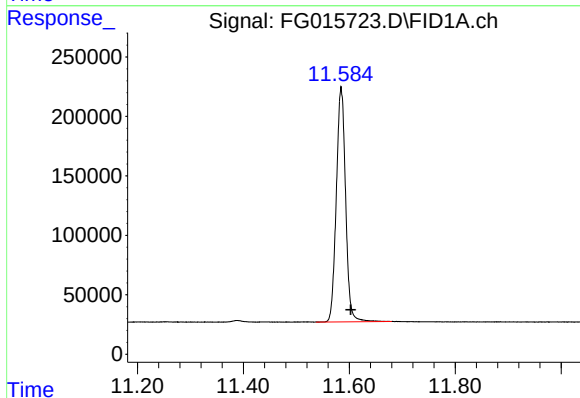
R.T.: 8.523 min
Delta R.T.: -0.017 min
Response: 2339350
Conc: 18.55 ug/ml



#5 N-HEXADECANE

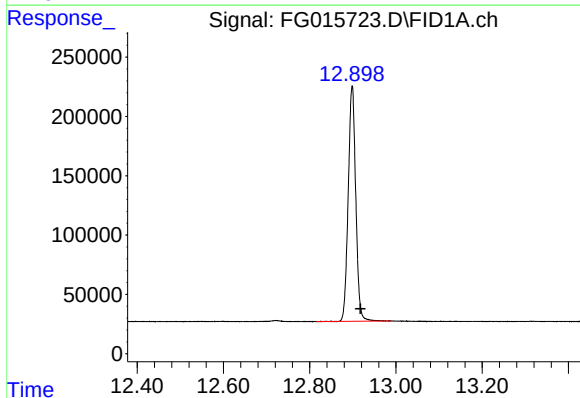
R.T.: 10.137 min
Delta R.T.: -0.018 min
Response: 2359543
Conc: 18.33 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167656BS



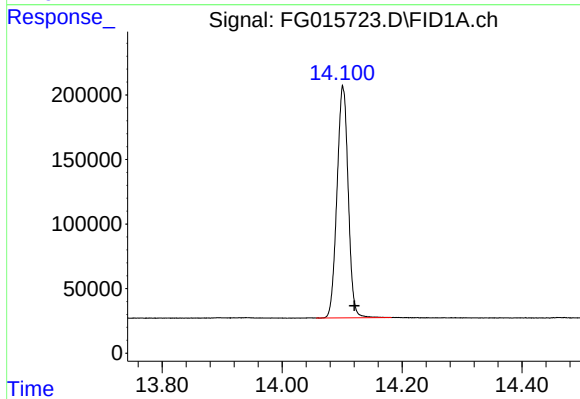
#6 N-OCTADECANE

R.T.: 11.585 min
Delta R.T.: -0.018 min
Response: 2399986
Conc: 18.22 ug/ml



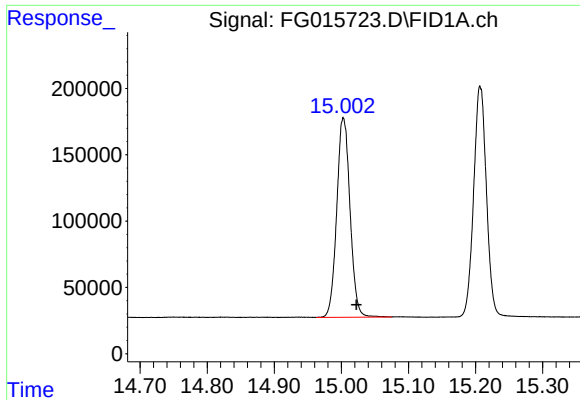
#7 N-EICOSANE

R.T.: 12.899 min
Delta R.T.: -0.019 min
Response: 2408483
Conc: 17.99 ug/ml



#8 N-DOCOSANE

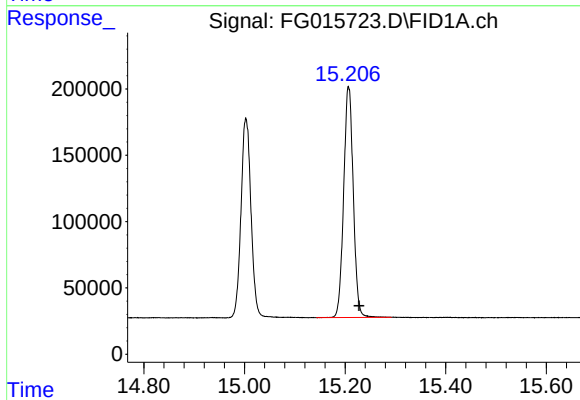
R.T.: 14.101 min
Delta R.T.: -0.019 min
Response: 2325767
Conc: 17.90 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

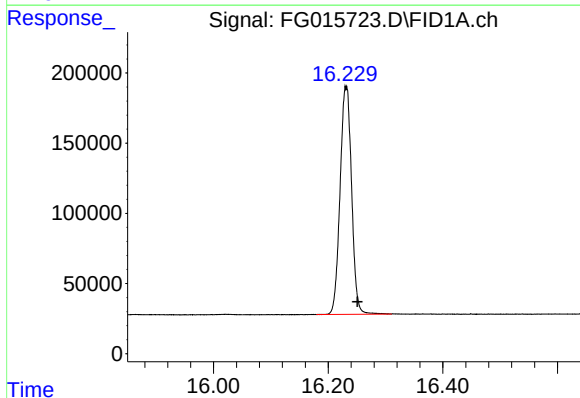
R.T.: 15.003 min
Delta R.T.: -0.019 min
Response: 2068534
Conc: 18.06 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167656BS



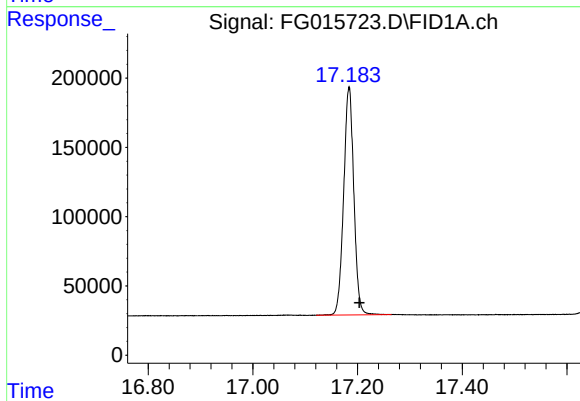
#10 N-TETRACOSANE

R.T.: 15.207 min
Delta R.T.: -0.021 min
Response: 2312225
Conc: 17.85 ug/ml



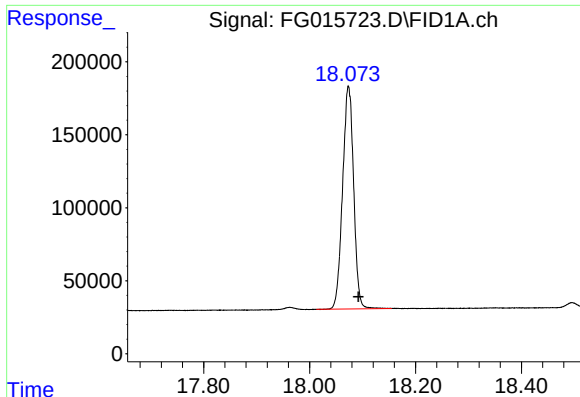
#11 N-HEXACOSANE

R.T.: 16.232 min
Delta R.T.: -0.020 min
Response: 2263526
Conc: 17.78 ug/ml



#12 N-OCTACOSANE

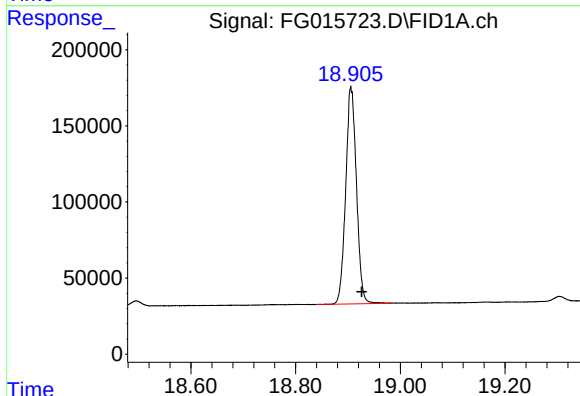
R.T.: 17.184 min
Delta R.T.: -0.020 min
Response: 2217291
Conc: 17.74 ug/ml



#13 N-TRIACONTANE

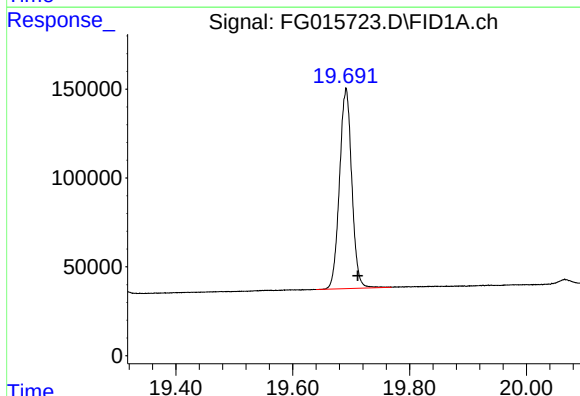
R.T.: 18.073 min
Delta R.T.: -0.019 min
Response: 2212148
Conc: 17.67 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167656BS



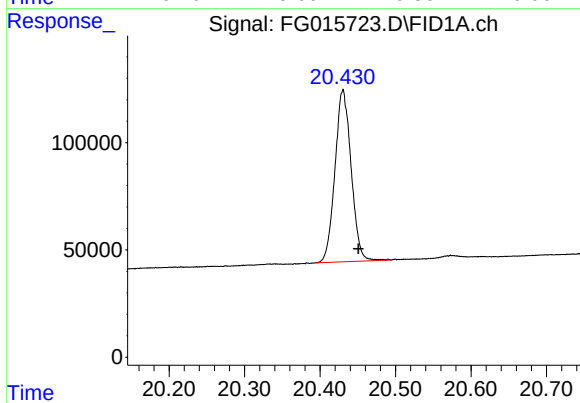
#14 N-DOTRIACONTANE

R.T.: 18.906 min
Delta R.T.: -0.021 min
Response: 2029603
Conc: 17.10 ug/ml



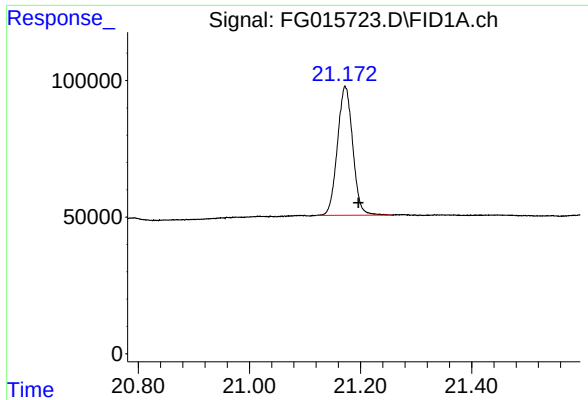
#15 N-TETRATRIACONTANE

R.T.: 19.691 min
Delta R.T.: -0.020 min
Response: 1641598
Conc: 15.73 ug/ml



#16 N-HEXATRIACONTANE

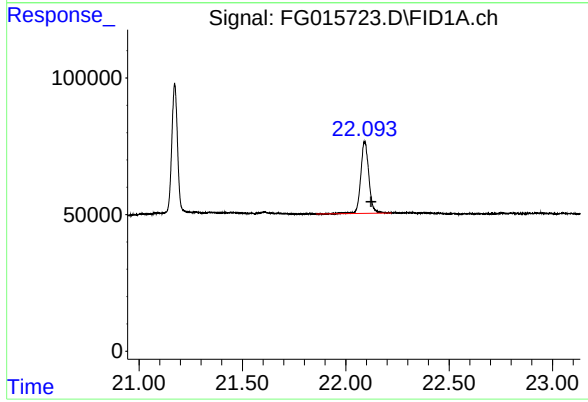
R.T.: 20.430 min
Delta R.T.: -0.021 min
Response: 1193200
Conc: 13.61 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.172 min
Delta R.T.: -0.024 min
Response: 901491
Conc: 12.08 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167656BS



#18 N-TETRACONTANE

R.T.: 22.093 min
Delta R.T.: -0.029 min
Response: 715542
Conc: 10.80 ug/ml