

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016012.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jun 2025 16:05
 Operator : YP\AJ
 Sample : PB168382BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB168382BS

Integration File: autoint1.e
 Quant Time: Jun 11 01:59:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 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...	14.973	1847586	15.075 ug/ml
Target Compounds			
1) N-OCTANE	1.951	2675876	22.757 ug/ml
2) N-DECANE	4.475	2859899	24.340 ug/ml
3) N-DODECANE	6.657	3052486	25.150 ug/ml
4) N-TETRADECANE	8.493	3062343	23.983 ug/ml
5) N-HEXADECANE	10.107	3193116	23.967 ug/ml
6) N-OCTADECANE	11.555	3316977	24.035 ug/ml
7) N-EICOSANE	12.870	3254030	23.033 ug/ml
8) N-DOCOSANE	14.071	3193099	23.245 ug/ml
10) N-TETRACOSANE	15.177	3148048	22.900 ug/ml
11) N-HEXACOSANE	16.201	3070175	22.597 ug/ml
12) N-OCTACOSANE	17.154	3017115	22.378 ug/ml
13) N-TRIACONTANE	18.044	2922700	21.420 ug/ml
14) N-DOTRIACONTANE	18.878	2518080	18.801 ug/ml
15) N-TETRATRIACONTANE	19.662	1676929	13.829 ug/ml
16) N-HEXATRIACONTANE	20.404	1208496	11.317 ug/ml
17) N-OCTATRIACONTANE	21.139	1124171	11.714 ug/ml
18) N-TETRACONTANE	22.049	1126040	12.803 ug/ml

(f)=RT Delta > 1/2 Window

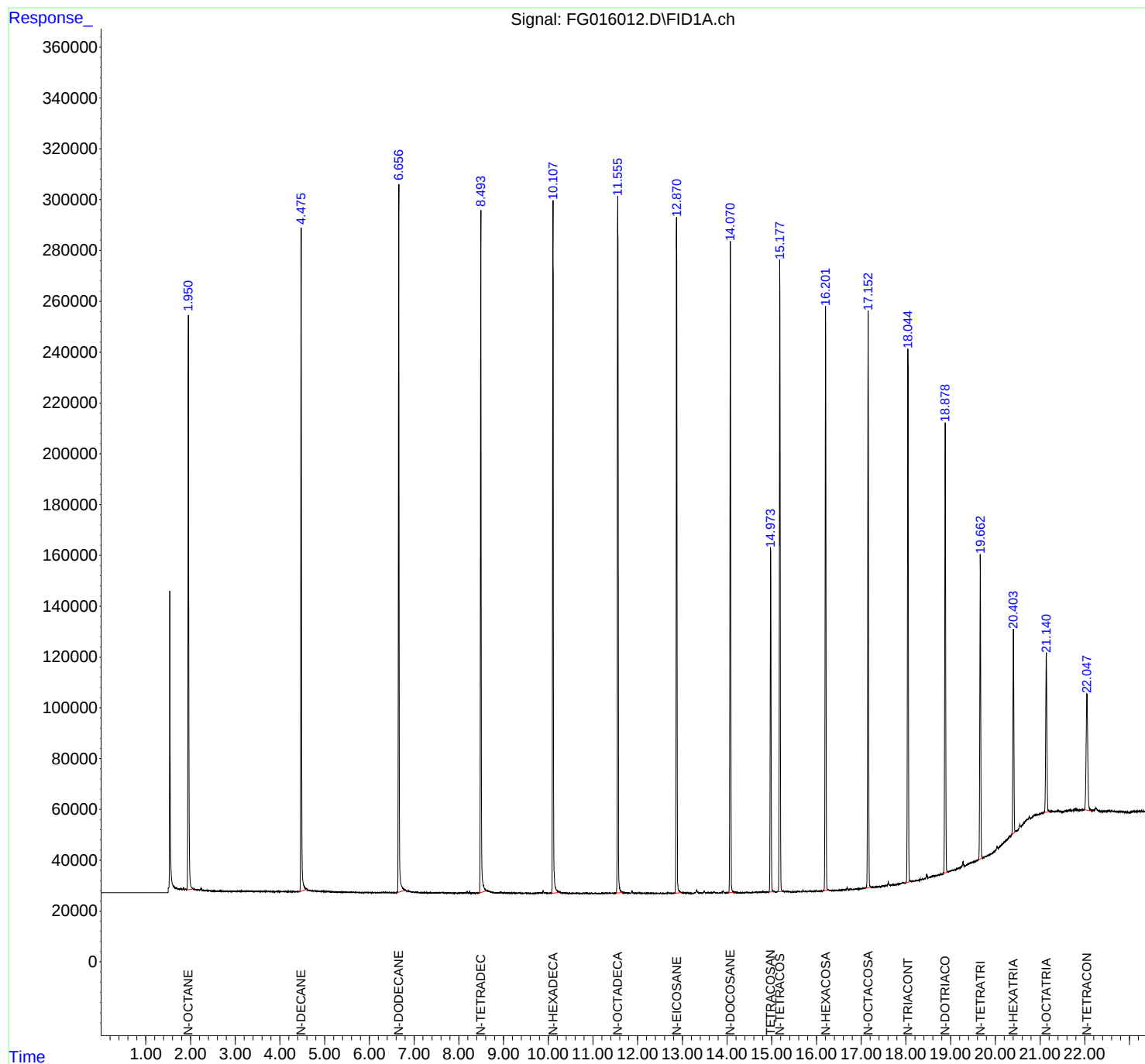
(m)=manual int.

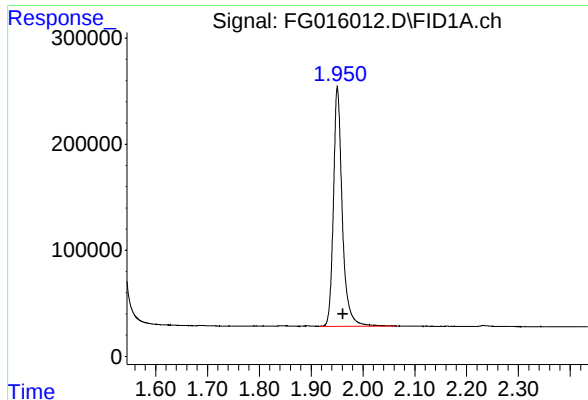
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

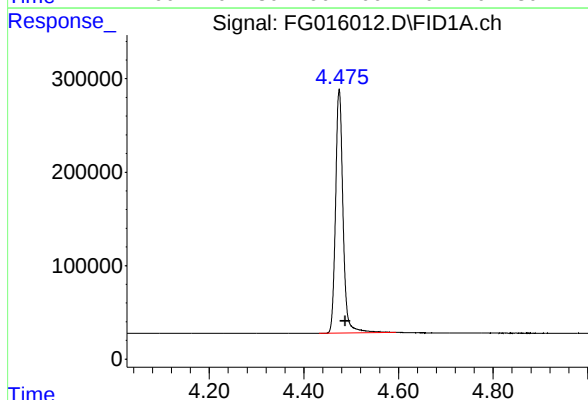




#1 N-OCTANE

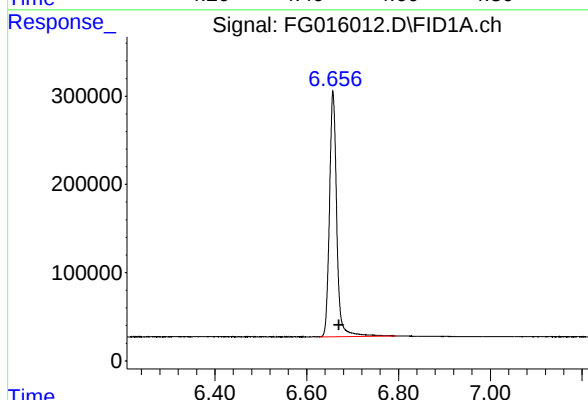
R.T.: 1.951 min
Delta R.T.: -0.011 min
Response: 2675876
Conc: 22.76 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168382BS



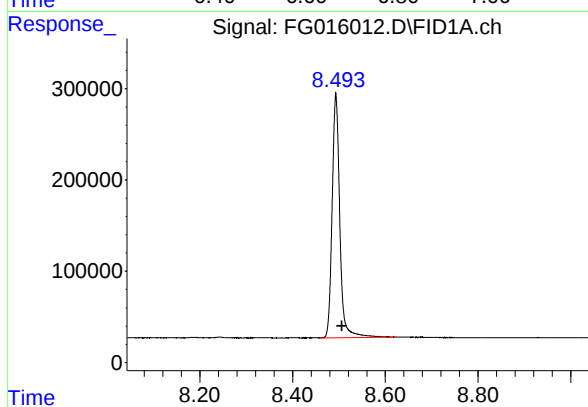
#2 N-DECANE

R.T.: 4.475 min
Delta R.T.: -0.013 min
Response: 2859899
Conc: 24.34 ug/ml



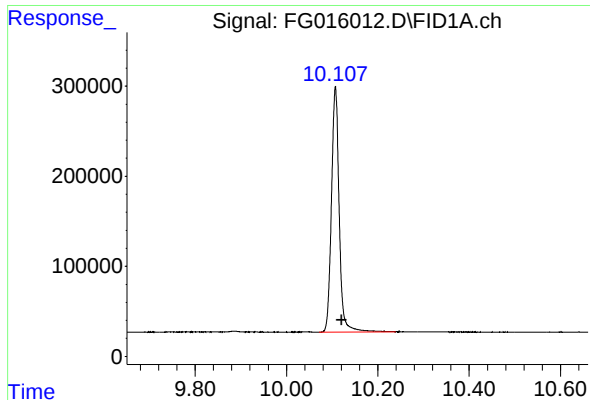
#3 N-DODECANE

R.T.: 6.657 min
Delta R.T.: -0.013 min
Response: 3052486
Conc: 25.15 ug/ml



#4 N-TETRADECANE

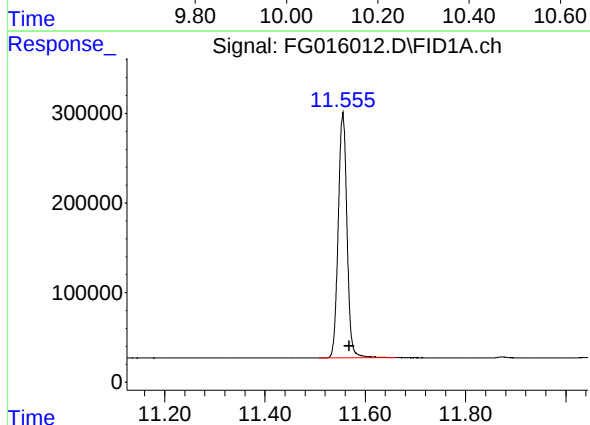
R.T.: 8.493 min
Delta R.T.: -0.014 min
Response: 3062343
Conc: 23.98 ug/ml



#5 N-HEXADECANE

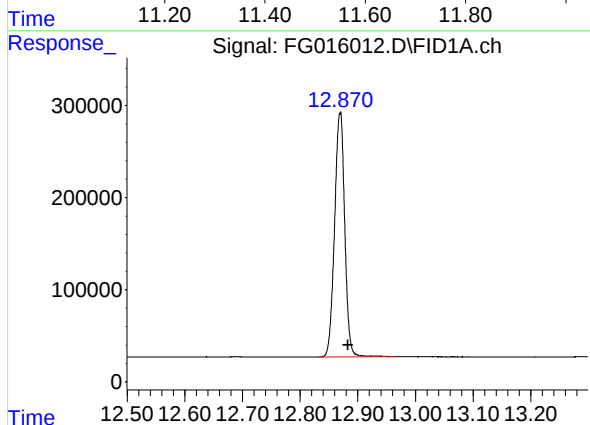
R.T.: 10.107 min
Delta R.T.: -0.013 min
Response: 3193116
Conc: 23.97 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168382BS



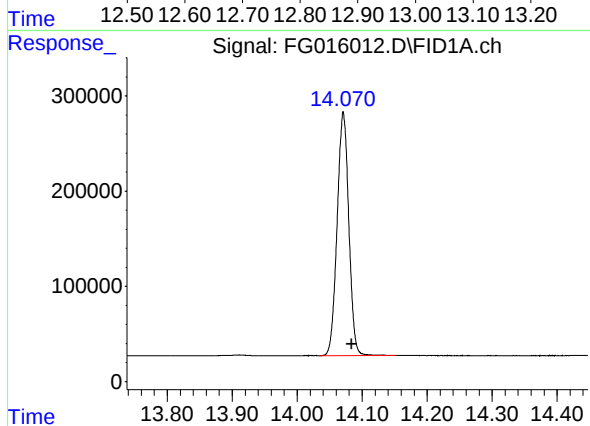
#6 N-OCTADECANE

R.T.: 11.555 min
Delta R.T.: -0.013 min
Response: 3316977
Conc: 24.04 ug/ml



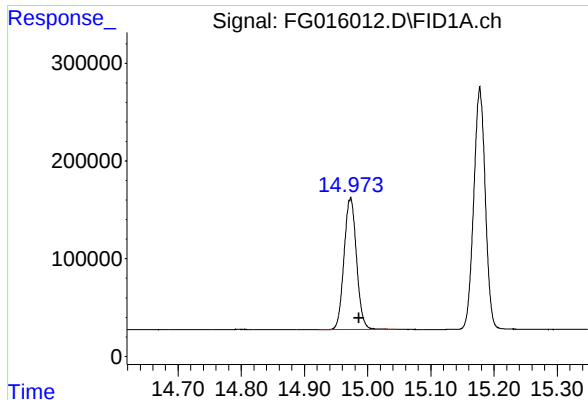
#7 N-EICOSANE

R.T.: 12.870 min
Delta R.T.: -0.013 min
Response: 3254030
Conc: 23.03 ug/ml



#8 N-DOCOSANE

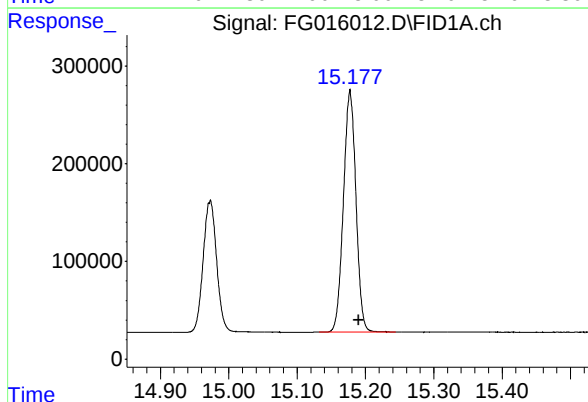
R.T.: 14.071 min
Delta R.T.: -0.013 min
Response: 3193099
Conc: 23.25 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

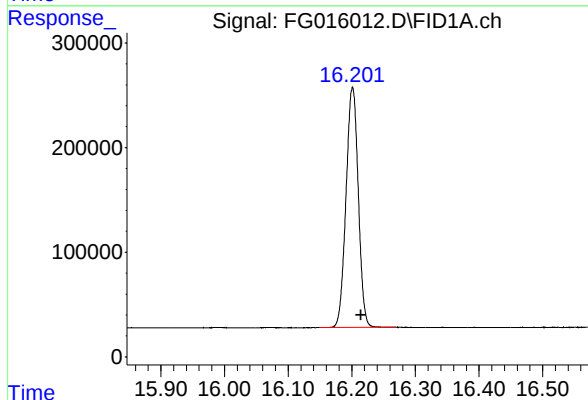
R.T.: 14.973 min
Delta R.T.: -0.013 min
Response: 1847586
Conc: 15.07 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168382BS



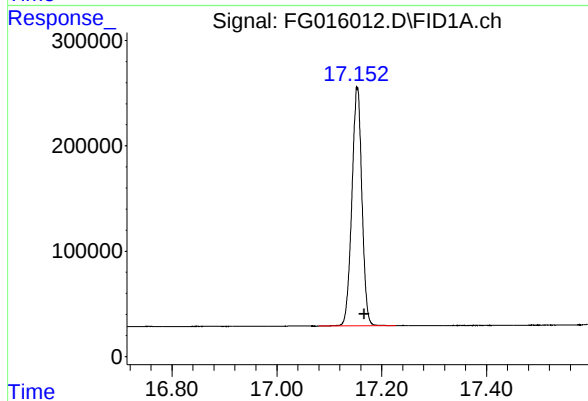
#10 N-TETRACOSANE

R.T.: 15.177 min
Delta R.T.: -0.013 min
Response: 3148048
Conc: 22.90 ug/ml



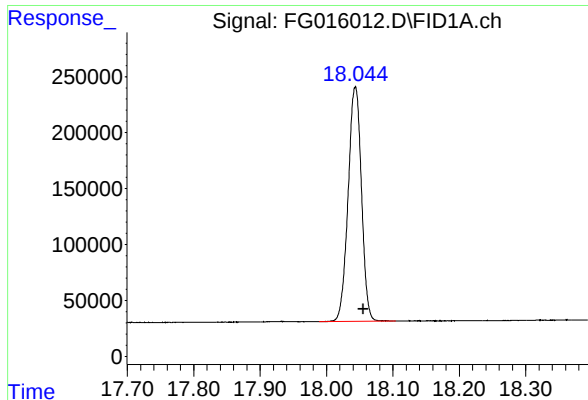
#11 N-HEXACOSANE

R.T.: 16.201 min
Delta R.T.: -0.013 min
Response: 3070175
Conc: 22.60 ug/ml



#12 N-OCTACOSANE

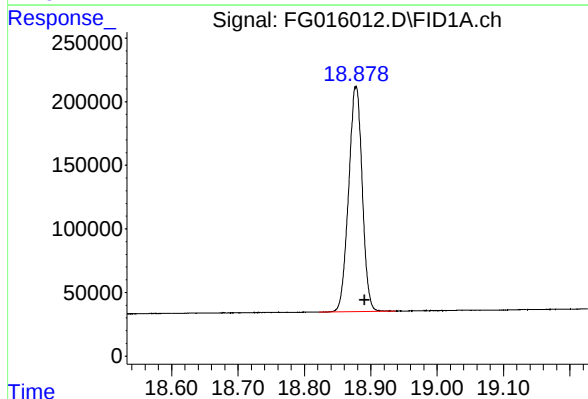
R.T.: 17.154 min
Delta R.T.: -0.013 min
Response: 3017115
Conc: 22.38 ug/ml



#13 N-TRIACONTANE

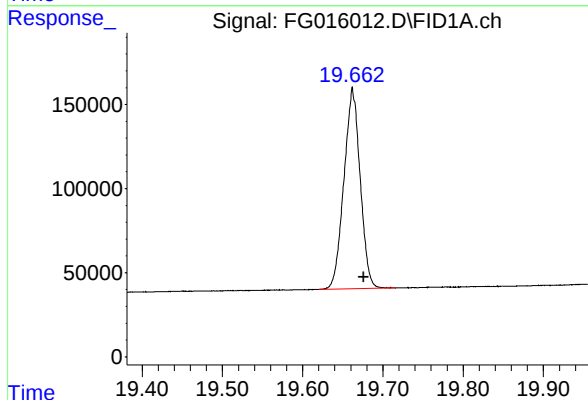
R.T.: 18.044 min
Delta R.T.: -0.012 min
Response: 2922700
Conc: 21.42 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168382BS



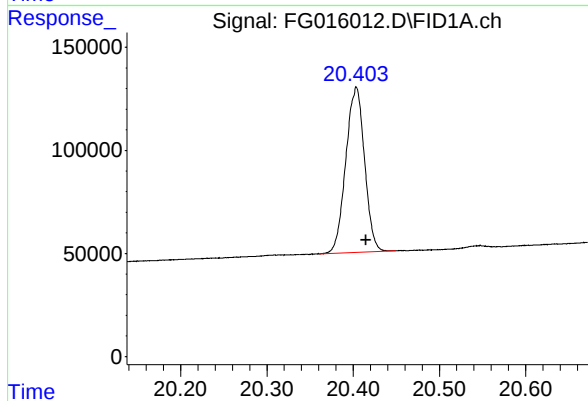
#14 N-DOTRIACONTANE

R.T.: 18.878 min
Delta R.T.: -0.013 min
Response: 2518080
Conc: 18.80 ug/ml



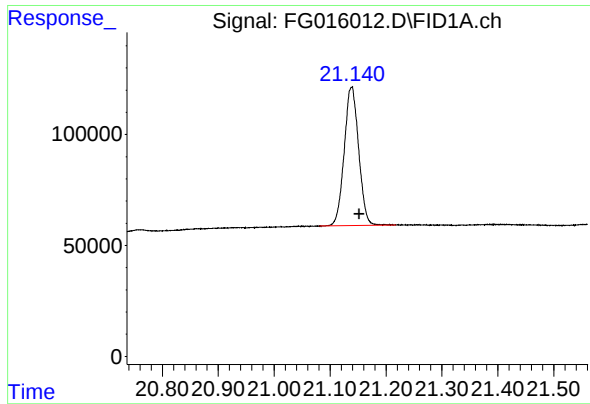
#15 N-TETRATRIACONTANE

R.T.: 19.662 min
Delta R.T.: -0.014 min
Response: 1676929
Conc: 13.83 ug/ml



#16 N-HEXATRIACONTANE

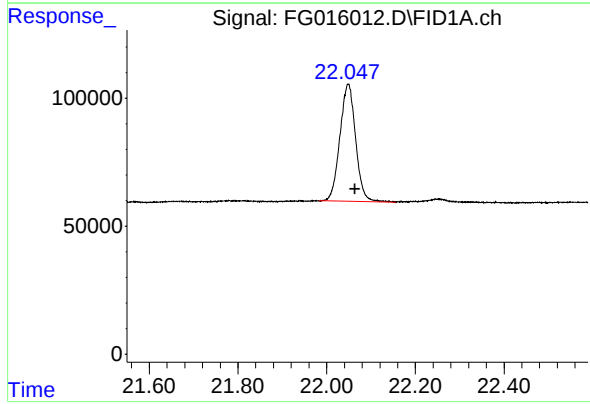
R.T.: 20.404 min
Delta R.T.: -0.011 min
Response: 1208496
Conc: 11.32 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.139 min
Delta R.T.: -0.014 min
Response: 1124171
Conc: 11.71 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168382BS



#18 N-TETRACONTANE

R.T.: 22.049 min
Delta R.T.: -0.015 min
Response: 1126040
Conc: 12.80 ug/ml