

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040723\
 Data File : FG011733.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 12:35
 Operator : YP\AJ
 Sample : 02213-05
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-05-QT2-2023

Integration File: autoint1.e
 Quant Time: Apr 10 03:34:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
 Quant Title :
 QLast Update : Wed Mar 15 18:43:49 2023
 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...	15.055	2118769	21.050 ug/ml
Target Compounds			
1) N-OCTANE	2.047	665168	5.652 ug/ml
2) N-DECANE	4.569	766472	6.342 ug/ml
3) N-DODECANE	6.743	750207	6.148 ug/ml
4) N-TETRADECANE	8.576	691943	5.686 ug/ml
5) N-HEXADECANE	10.189	739651	5.998 ug/ml
6) N-OCTADECANE	11.636	728608	5.966 ug/ml
7) N-EICOSANE	12.949	713627	5.939 ug/ml
8) N-DOCOSANE	14.152	677842	5.909 ug/ml
10) N-TETRACOSANE	15.258	684054	6.056 ug/ml
11) N-HEXACOSANE	16.283	648440	6.005 ug/ml
12) N-OCTACOSANE	17.237	644638	6.217 ug/ml
13) N-TRIACONTANE	18.128	660399	6.664 ug/ml
14) N-DOTRIACONTANE	18.962	663669	7.156 ug/ml
15) N-TETRATRIACONTANE	19.749	640762	7.600 ug/ml
16) N-HEXATRIACONTANE	20.492	583941	7.585 ug/ml
17) N-OCTATRIACONTANE	21.242	556443	7.391 ug/ml
18) N-TETRACONTANE	22.184	555467	7.568 ug/ml

(f)=RT Delta > 1/2 Window

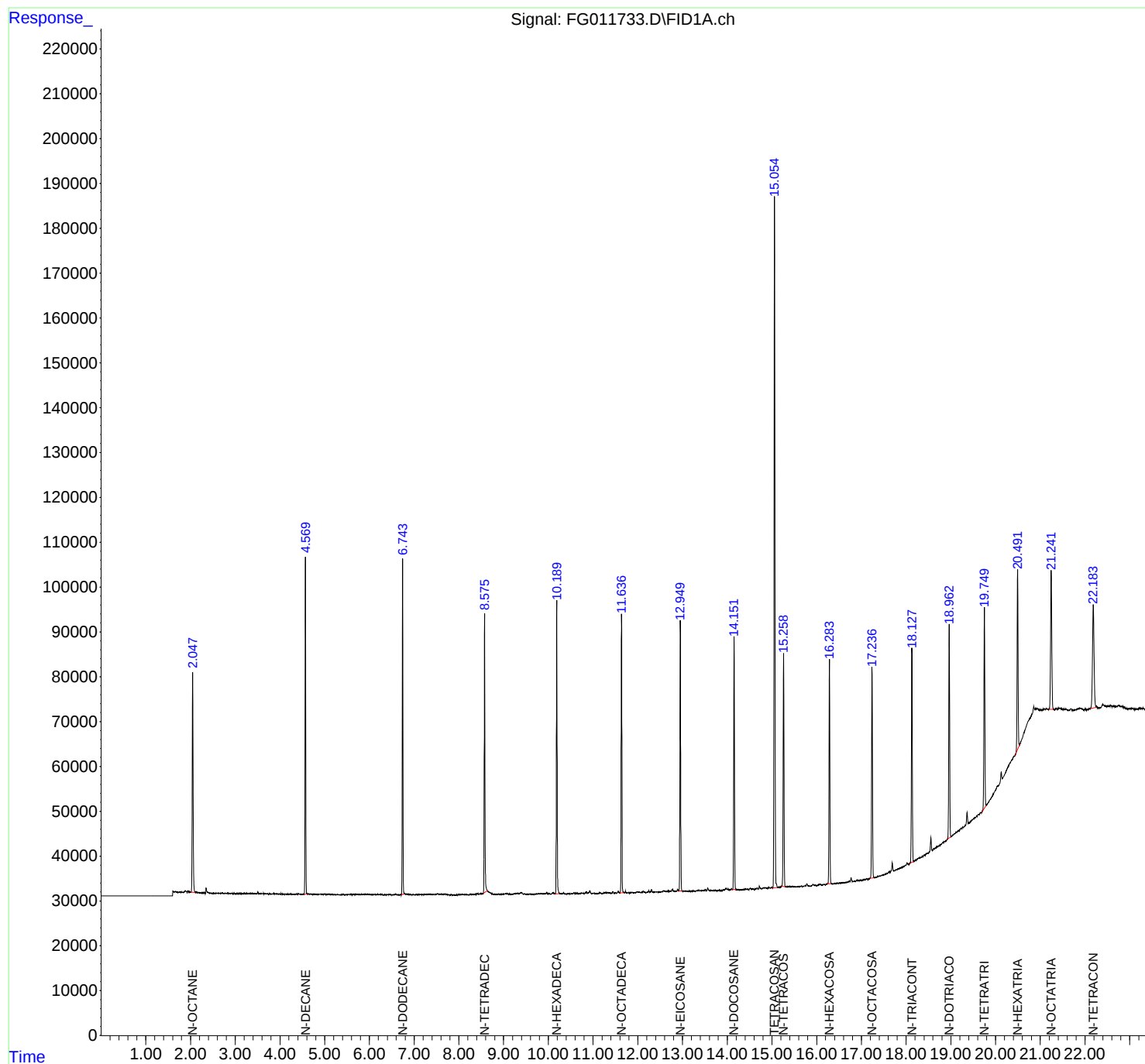
(m)=manual int.

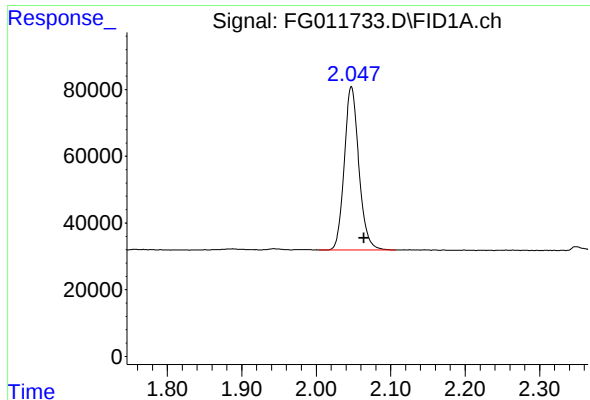
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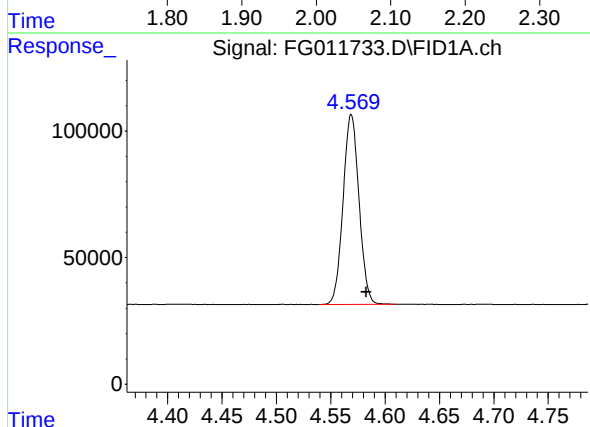




#1 N-OCTANE

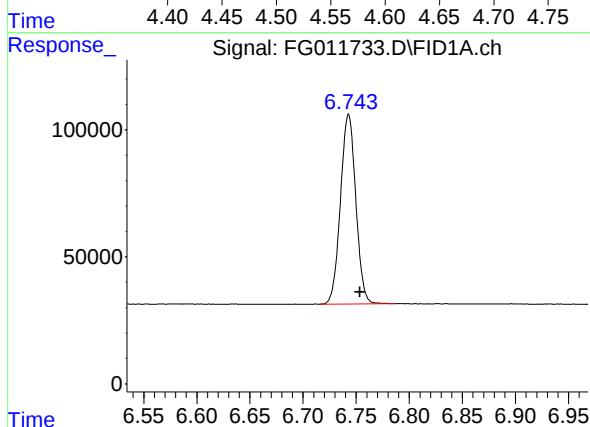
R.T.: 2.047 min
Delta R.T.: -0.017 min
Response: 665168
Conc: 5.65 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT2-2023



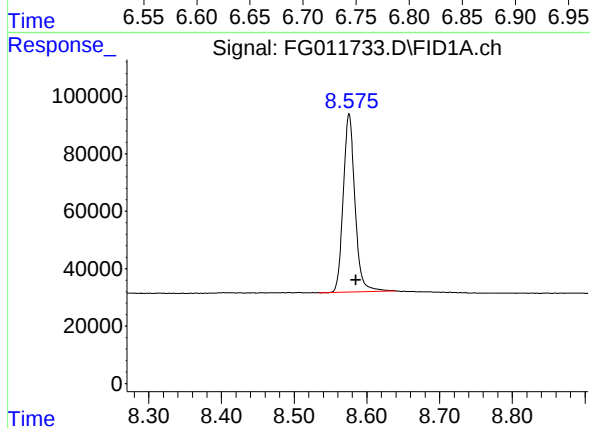
#2 N-DECANE

R.T.: 4.569 min
Delta R.T.: -0.014 min
Response: 766472
Conc: 6.34 ug/ml



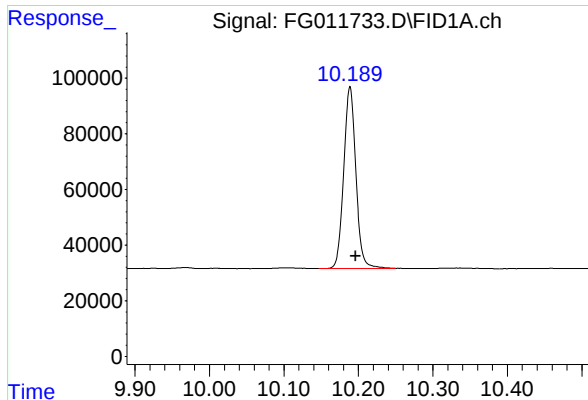
#3 N-DODECANE

R.T.: 6.743 min
Delta R.T.: -0.011 min
Response: 750207
Conc: 6.15 ug/ml



#4 N-TETRADECANE

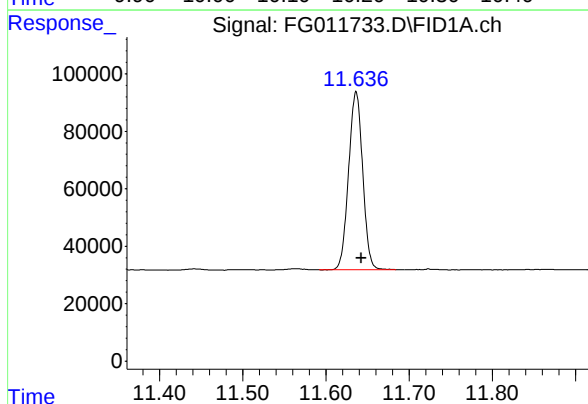
R.T.: 8.576 min
Delta R.T.: -0.009 min
Response: 691943
Conc: 5.69 ug/ml



#5 N-HEXADECANE

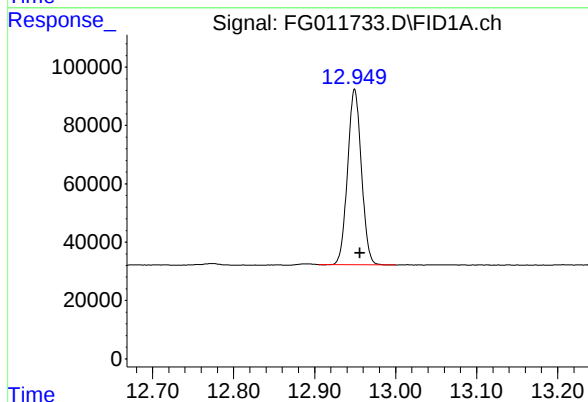
R.T.: 10.189 min
Delta R.T.: -0.008 min
Response: 739651
Conc: 6.00 ug/ml

Instrument :
FID_G
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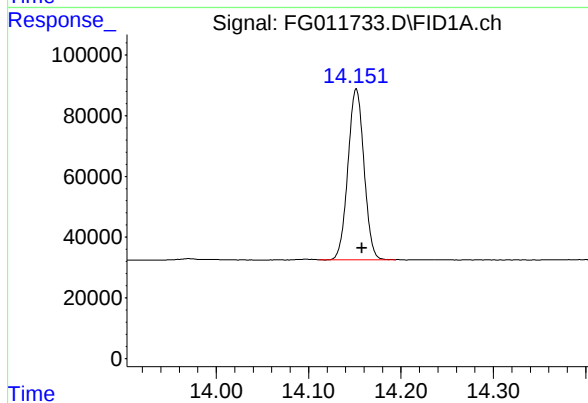
#6 N-OCTADECANE

R.T.: 11.636 min
Delta R.T.: -0.006 min
Response: 728608
Conc: 5.97 ug/ml



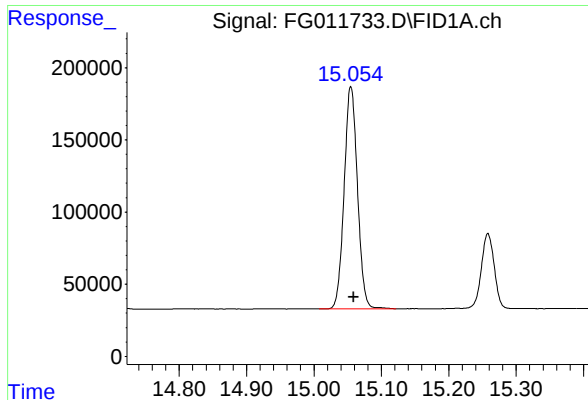
#7 N-EICOSANE

R.T.: 12.949 min
Delta R.T.: -0.007 min
Response: 713627
Conc: 5.94 ug/ml



#8 N-DOCOSANE

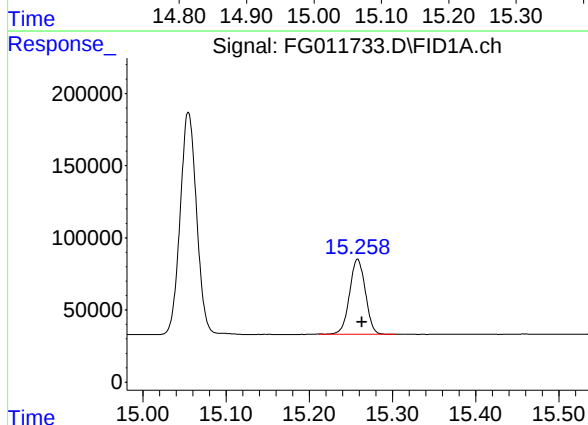
R.T.: 14.152 min
Delta R.T.: -0.006 min
Response: 677842
Conc: 5.91 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

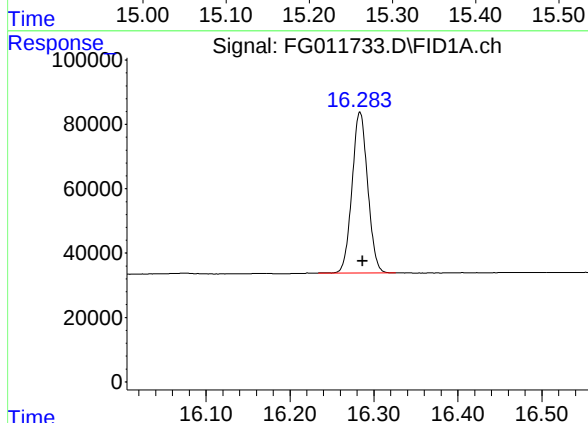
R.T.: 15.055 min
Delta R.T.: -0.004 min
Response: 2118769
Conc: 21.05 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT2-2023



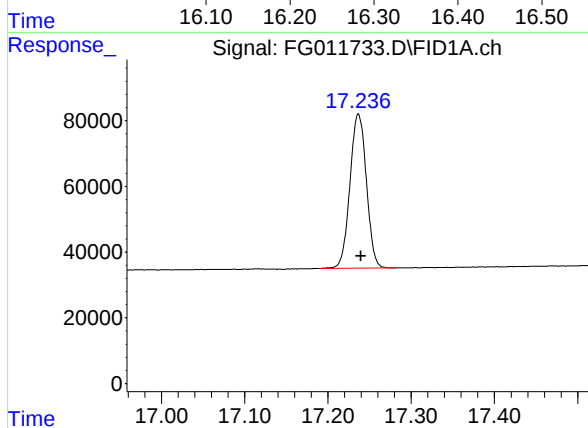
#10 N-TETRACOSANE

R.T.: 15.258 min
Delta R.T.: -0.005 min
Response: 684054
Conc: 6.06 ug/ml



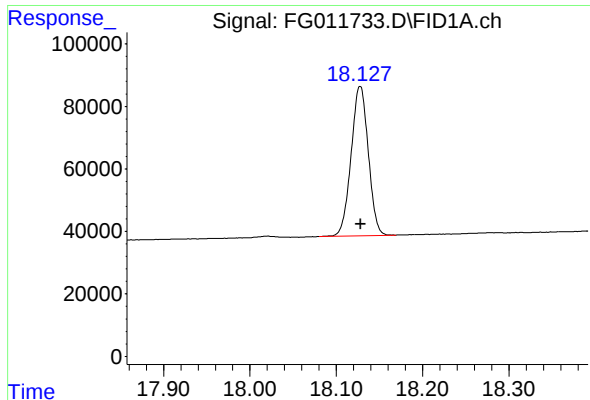
#11 N-HEXACOSANE

R.T.: 16.283 min
Delta R.T.: -0.003 min
Response: 648440
Conc: 6.00 ug/ml



#12 N-OCTACOSANE

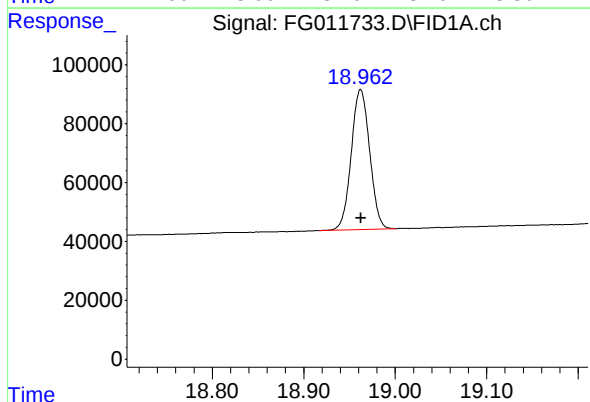
R.T.: 17.237 min
Delta R.T.: -0.003 min
Response: 644638
Conc: 6.22 ug/ml



#13 N-TRIACONTANE

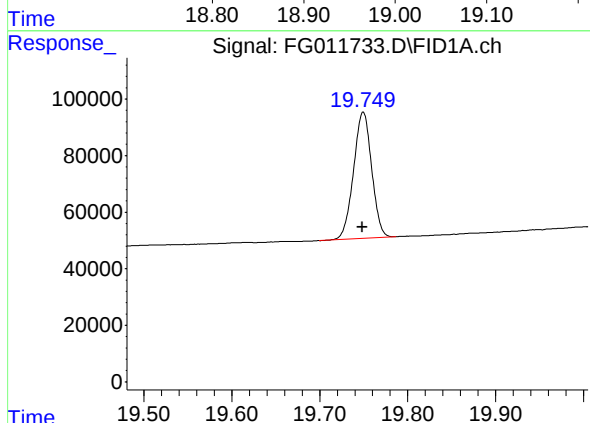
R.T.: 18.128 min
Delta R.T.: 0.000 min
Response: 660399
Conc: 6.66 ug/ml

Instrument :
FID_G
ClientSampleId :
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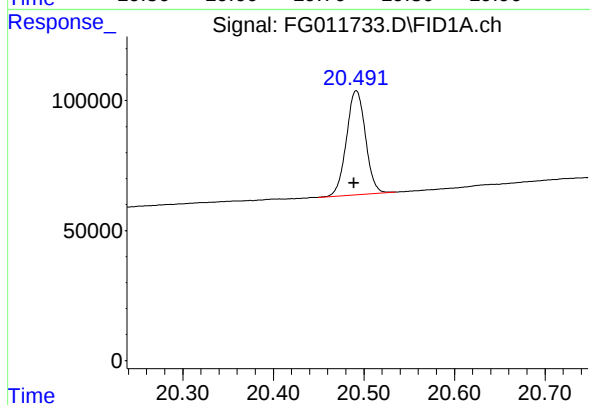
#14 N-DOTRIACONTANE

R.T.: 18.962 min
Delta R.T.: 0.000 min
Response: 663669
Conc: 7.16 ug/ml



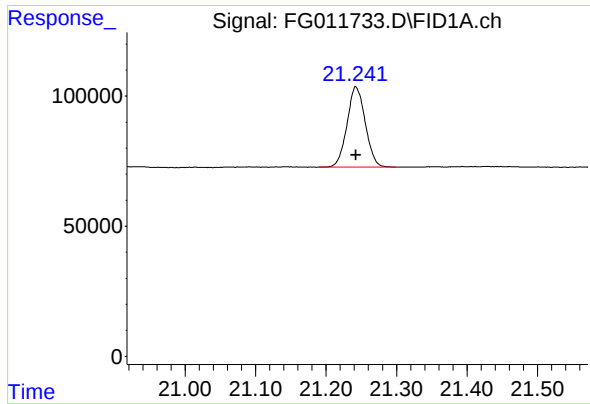
#15 N-TETRATRIACONTANE

R.T.: 19.749 min
Delta R.T.: 0.000 min
Response: 640762
Conc: 7.60 ug/ml



#16 N-HEXATRIACONTANE

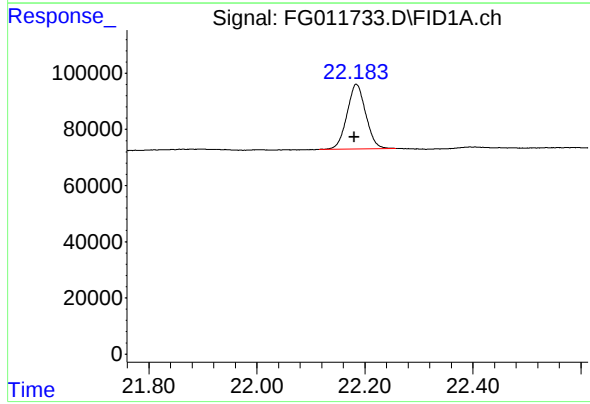
R.T.: 20.492 min
Delta R.T.: 0.003 min
Response: 583941
Conc: 7.59 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.242 min
Delta R.T.: 0.000 min
Response: 556443
Conc: 7.39 ug/ml

Instrument :
FID_G
ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 22.184 min
Delta R.T.: 0.003 min
Response: 555467
Conc: 7.57 ug/ml