

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100225\
 Data File : FG016731.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2025 10:56
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 TRPH STD

Integration File: autoint1.e
 Quant Time: Oct 03 07:20:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100225.M
 Quant Title :
 QLast Update : Fri Oct 03 07:19:54 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...	15.165	10561618	89.783 ug/ml
Target Compounds			
1) N-OCTANE	2.095	11616823	92.600 ug/ml
2) N-DECANE	4.637	11835691	92.716 ug/ml
3) N-DODECANE	6.821	12012579	91.816 ug/ml
4) N-TETRADECANE	8.661	12137681	92.150 ug/ml
5) N-HEXADECANE	10.280	12065474	90.987 ug/ml
6) N-OCTADECANE	11.733	12282780	90.369 ug/ml
7) N-EICOSANE	13.053	12535944	91.618 ug/ml
8) N-DOCOSANE	14.259	12142830	91.217 ug/ml
10) N-TETRACOSANE	15.371	12076604	91.014 ug/ml
11) N-HEXACOSANE	16.399	11728723	89.174 ug/ml
12) N-OCTACOSANE	17.355	11707642	90.975 ug/ml
13) N-TRIACONTANE	18.248	11559542	91.193 ug/ml
14) N-DOTRIACONTANE	19.085	10985953	94.075 ug/ml
15) N-TETRATRIACONTANE	19.873	10064718	104.957 ug/ml
16) N-HEXATRIACONTANE	20.616	8614347	114.886 ug/ml
17) N-OCTATRIACONTANE	21.395	7468623	117.868 ug/ml
18) N-TETRACONTANE	22.382	6529192	117.157 ug/ml

(f)=RT Delta > 1/2 Window

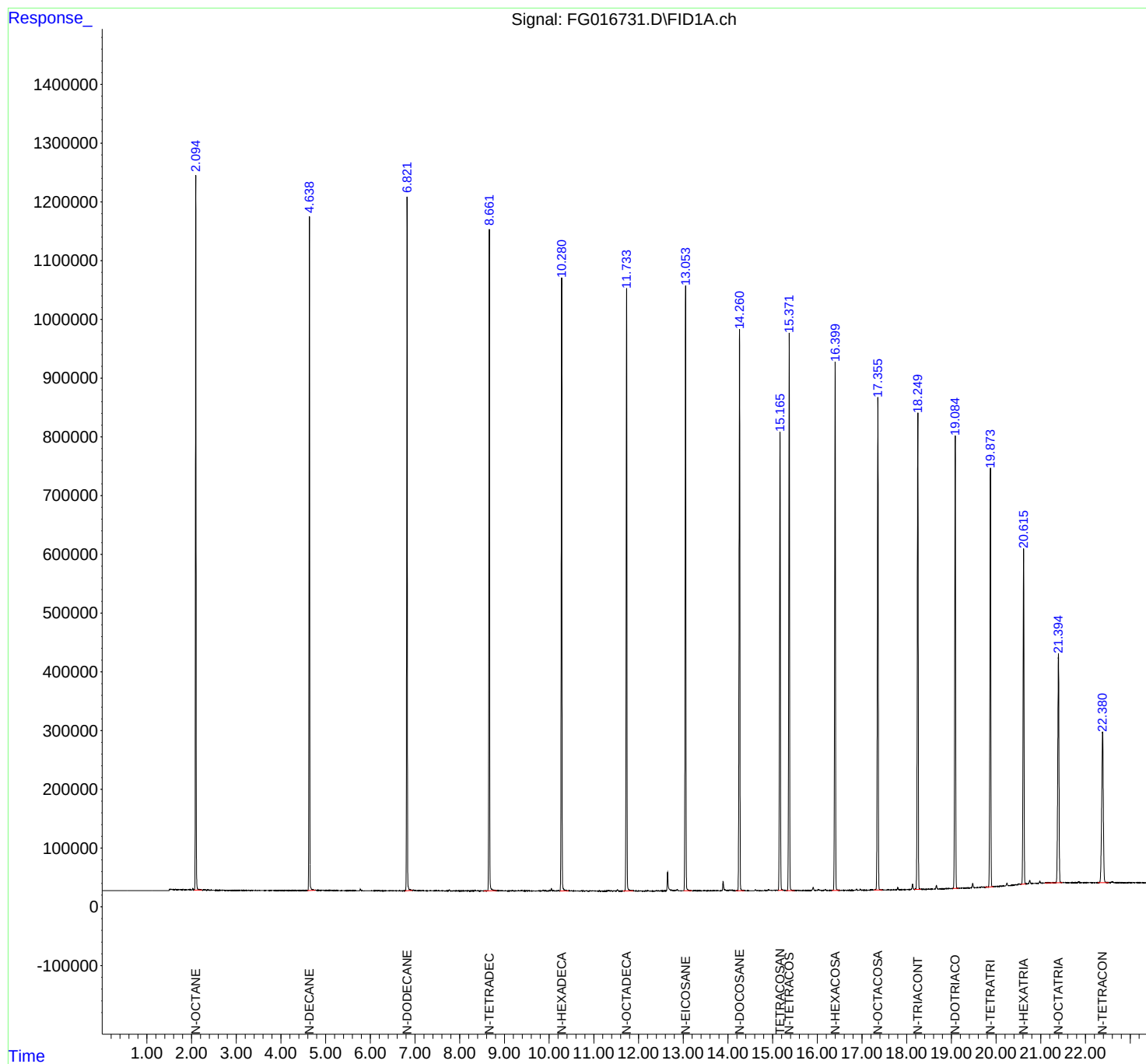
(m)=manual int.

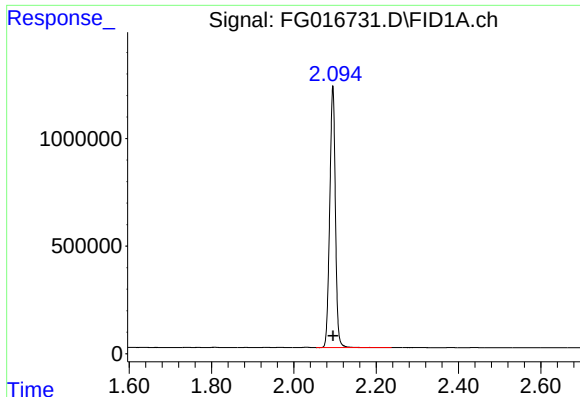
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Signal Info : 20mx0.18mmx0.18um

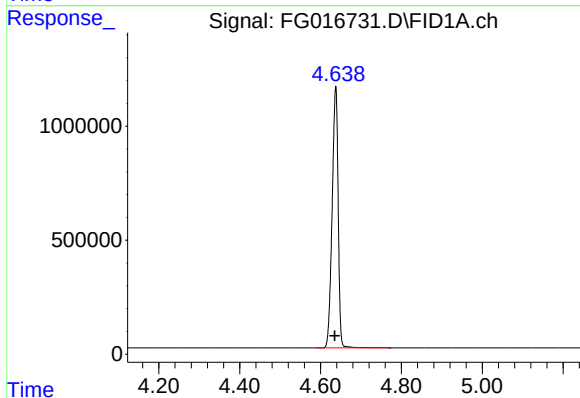




#1 N-OCTANE

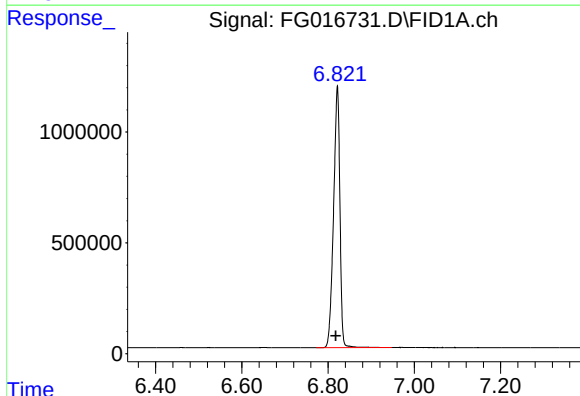
R.T.: 2.095 min
Delta R.T.: 0.000 min
Response: 11616823
Conc: 92.60 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



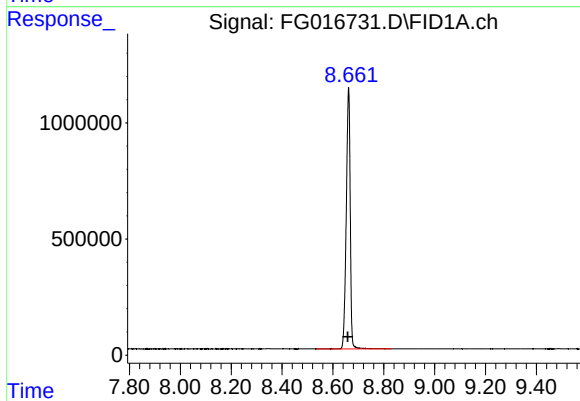
#2 N-DECANE

R.T.: 4.637 min
Delta R.T.: 0.002 min
Response: 11835691
Conc: 92.72 ug/ml



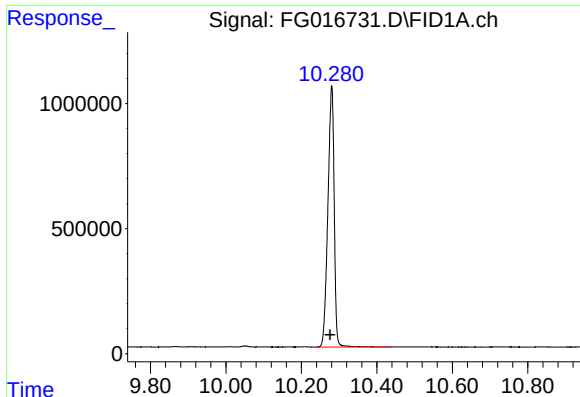
#3 N-DODECANE

R.T.: 6.821 min
Delta R.T.: 0.003 min
Response: 12012579
Conc: 91.82 ug/ml



#4 N-TETRADECANE

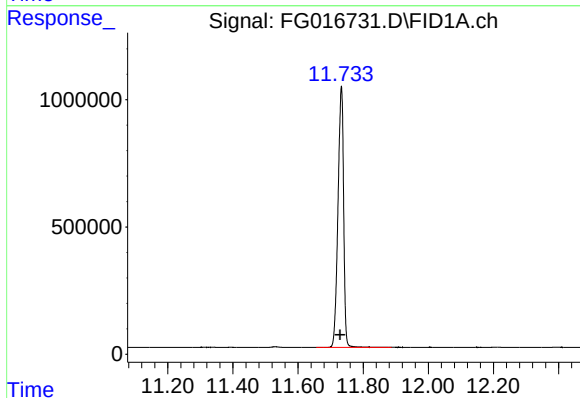
R.T.: 8.661 min
Delta R.T.: 0.003 min
Response: 12137681
Conc: 92.15 ug/ml



#5 N-HEXADECANE

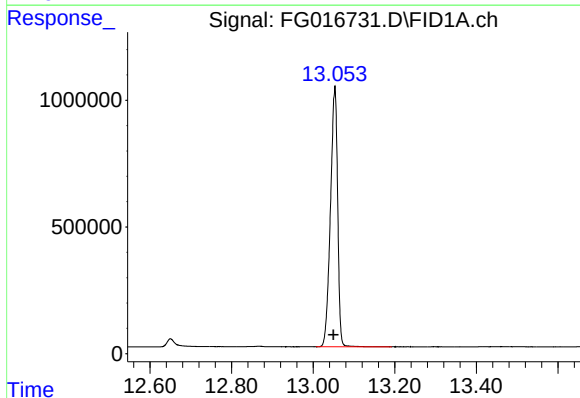
R.T.: 10.280 min
Delta R.T.: 0.004 min
Response: 12065474
Conc: 90.99 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



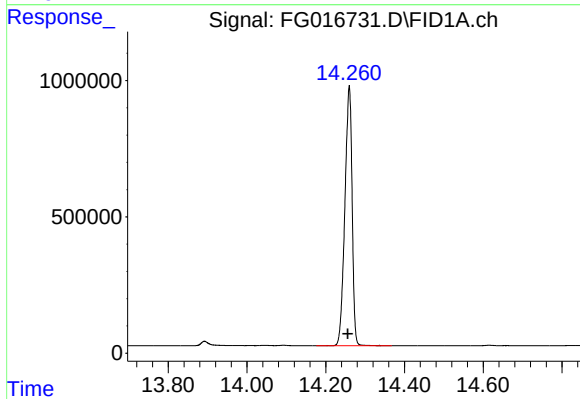
#6 N-OCTADECANE

R.T.: 11.733 min
Delta R.T.: 0.004 min
Response: 12282780
Conc: 90.37 ug/ml



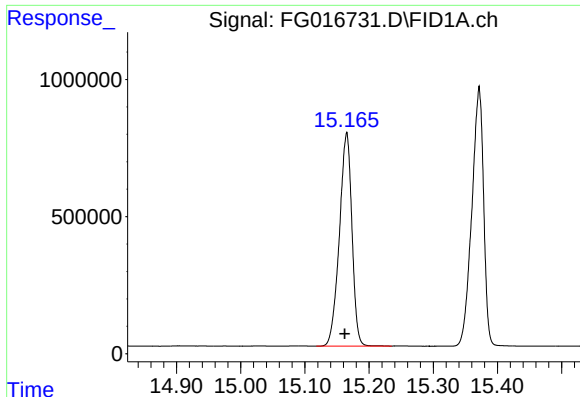
#7 N-EICOSANE

R.T.: 13.053 min
Delta R.T.: 0.003 min
Response: 12535944
Conc: 91.62 ug/ml



#8 N-DOCOSANE

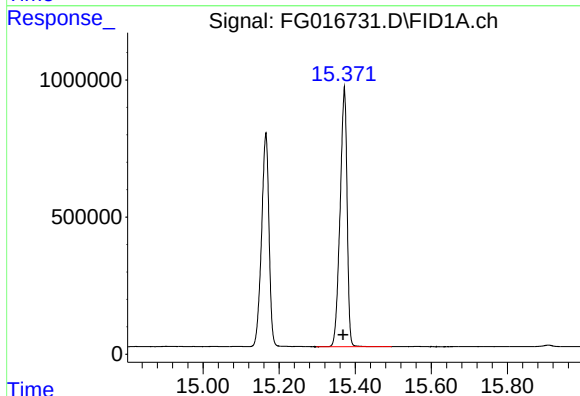
R.T.: 14.259 min
Delta R.T.: 0.004 min
Response: 12142830
Conc: 91.22 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

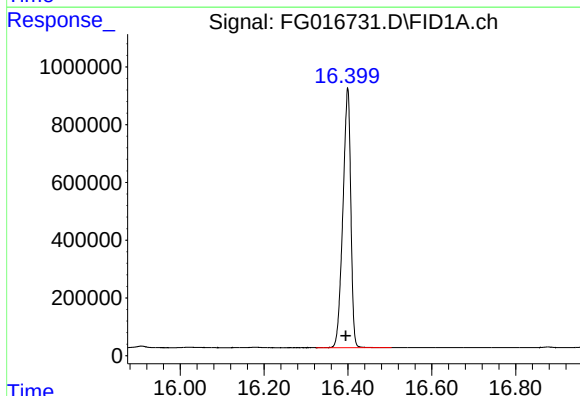
R.T.: 15.165 min
Delta R.T.: 0.003 min
Response: 10561618
Conc: 89.78 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



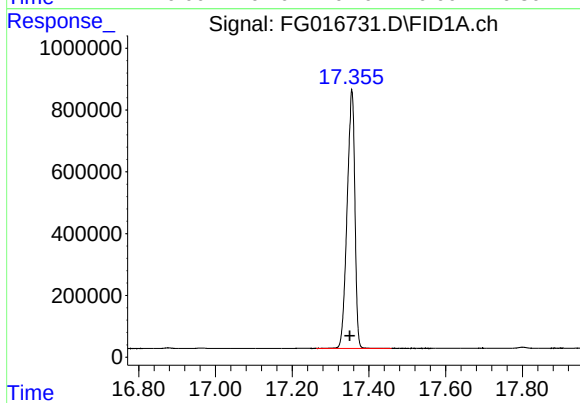
#10 N-TETRACOSANE

R.T.: 15.371 min
Delta R.T.: 0.003 min
Response: 12076604
Conc: 91.01 ug/ml



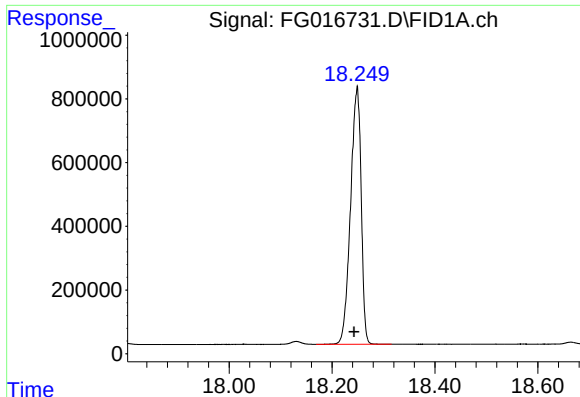
#11 N-HEXACOSANE

R.T.: 16.399 min
Delta R.T.: 0.004 min
Response: 11728723
Conc: 89.17 ug/ml



#12 N-OCTACOSANE

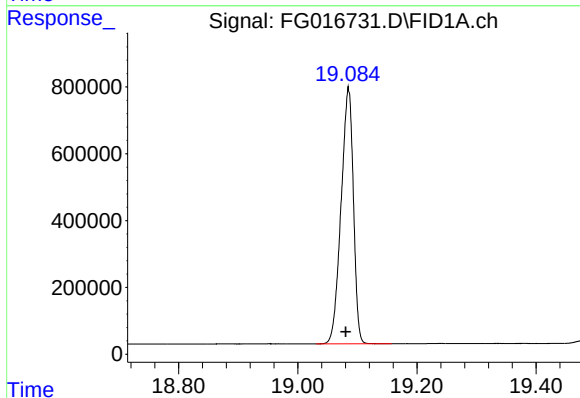
R.T.: 17.355 min
Delta R.T.: 0.005 min
Response: 11707642
Conc: 90.98 ug/ml



#13 N-TRIACONTANE

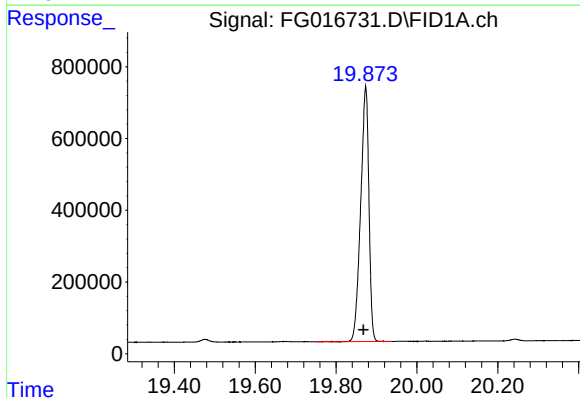
R.T.: 18.248 min
Delta R.T.: 0.006 min
Response: 11559542
Conc: 91.19 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



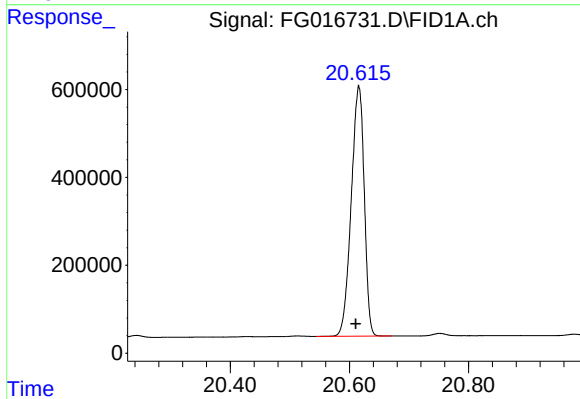
#14 N-DOTRIACONTANE

R.T.: 19.085 min
Delta R.T.: 0.004 min
Response: 10985953
Conc: 94.07 ug/ml



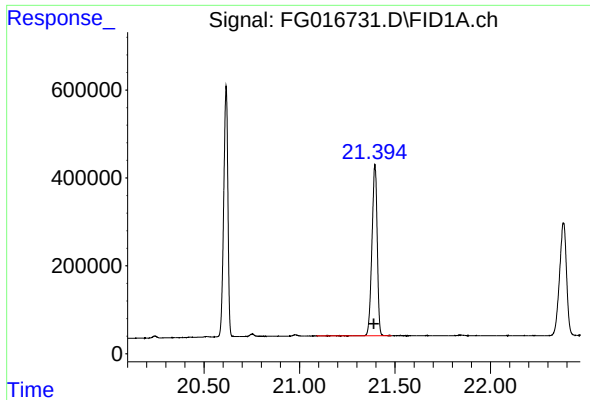
#15 N-TETRATRIACONTANE

R.T.: 19.873 min
Delta R.T.: 0.006 min
Response: 10064718
Conc: 104.96 ug/ml



#16 N-HEXATRIACONTANE

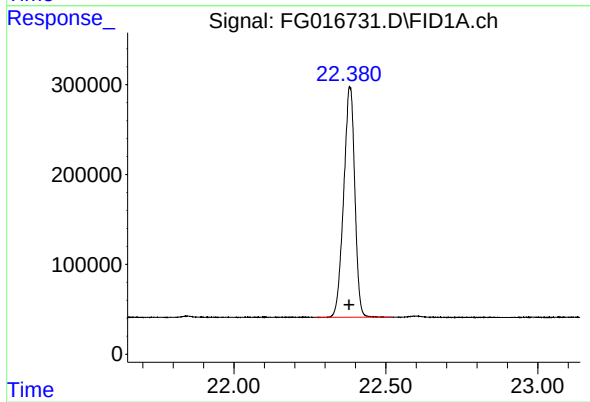
R.T.: 20.616 min
Delta R.T.: 0.005 min
Response: 8614347
Conc: 114.89 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.395 min
Delta R.T.: 0.006 min
Response: 7468623
Conc: 117.87 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.382 min
Delta R.T.: 0.003 min
Response: 6529192
Conc: 117.16 ug/ml