

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
 Data File : FG016399.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 16:58
 Operator : YP\AJ
 Sample : Q2893-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 27 04:17:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.198	2051143	21.529 ug/ml
Target Compounds			
1) N-OCTANE	2.112	113971	1.074 ug/ml
2) N-DECANE	4.659	124258	1.150 ug/ml
3) N-DODECANE	6.843	119568	1.100 ug/ml
4) N-TETRADECANE	8.685	115789	1.059 ug/ml
5) N-HEXADECANE	10.306	129859	1.195 ug/ml
6) N-OCTADECANE	11.760	145575	1.316 ug/ml
7) N-EICOSANE	13.081	146269	1.294 ug/ml
8) N-DOCOSANE	14.290	144300	1.314 ug/ml
10) N-TETRACOSANE	15.400	176856	1.614 ug/ml
11) N-HEXACOSANE	16.431	142581	1.333 ug/ml
12) N-OCTACOSANE	17.388	152282	1.414 ug/ml
13) N-TRIACONTANE	18.282	169357	1.554 ug/ml
14) N-DOTRIACONTANE	19.120	214647	2.038 ug/ml
15) N-TETRATRIACONTANE	19.910	142036	1.491 ug/ml
16) N-HEXATRIACONTANE	20.655	142968	1.913 ug/ml
17) N-OCTATRIACONTANE	21.446	108298	1.806 ug/ml
18) N-TETRACONTANE	22.453	92842	2.209 ug/ml

(f)=RT Delta > 1/2 Window

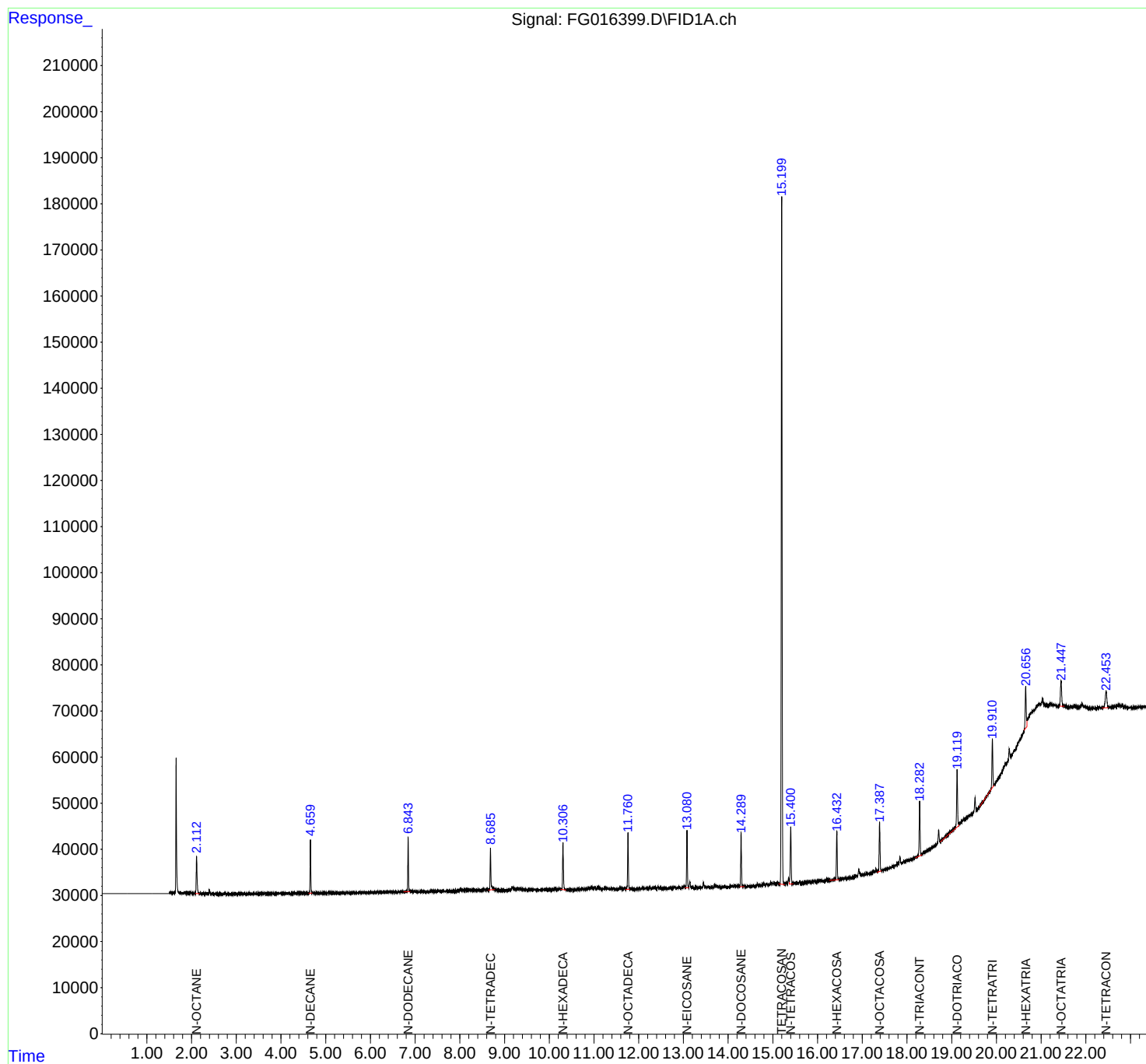
(m)=manual int.

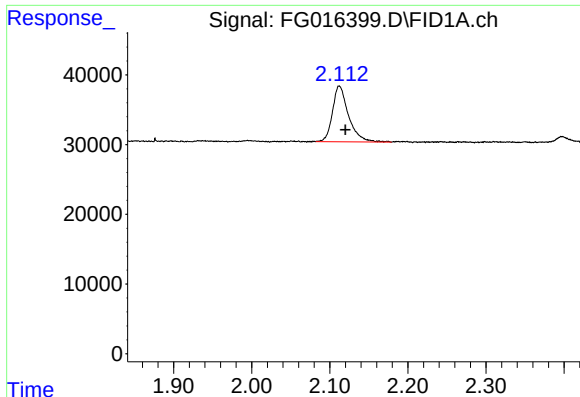
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Signal Info : 20mx0.18mmx0.18um

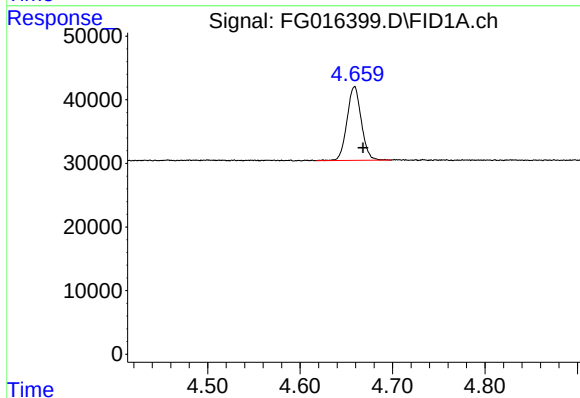




#1 N-OCTANE

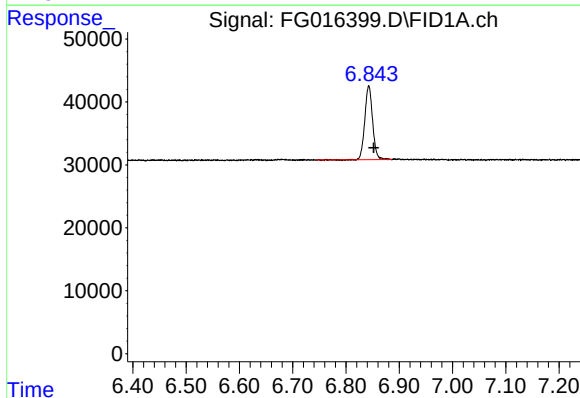
R.T.: 2.112 min
Delta R.T.: -0.008 min
Response: 113971
Conc: 1.07 ug/ml

Instrument :
FID_G
ClientSampleId :



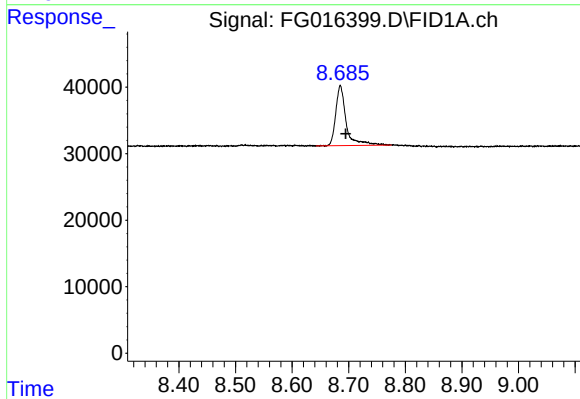
#2 N-DECANE

R.T.: 4.659 min
Delta R.T.: -0.009 min
Response: 124258
Conc: 1.15 ug/ml



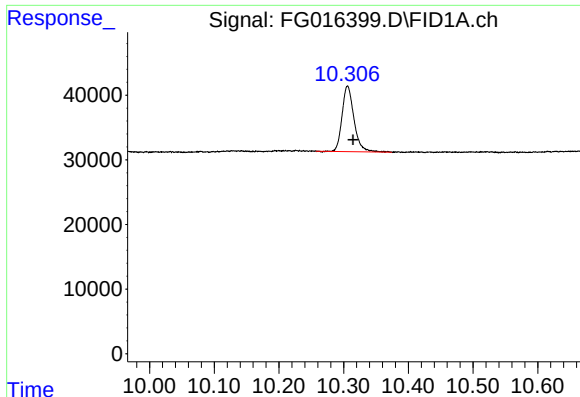
#3 N-DODECANE

R.T.: 6.843 min
Delta R.T.: -0.010 min
Response: 119568
Conc: 1.10 ug/ml



#4 N-TETRADECANE

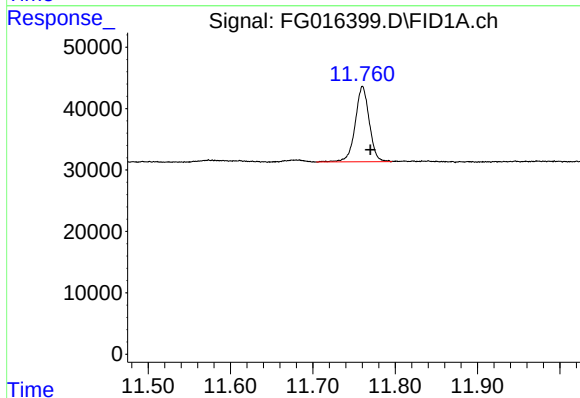
R.T.: 8.685 min
Delta R.T.: -0.010 min
Response: 115789
Conc: 1.06 ug/ml



#5 N-HEXADECANE

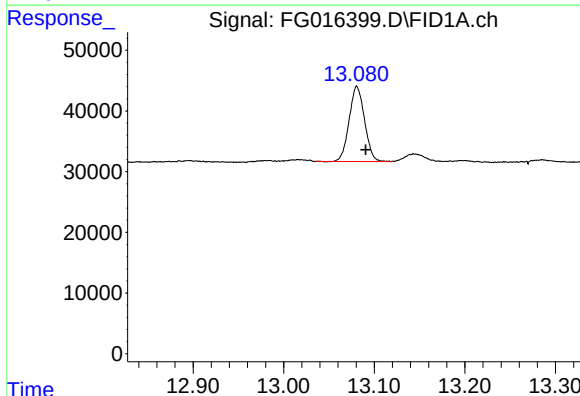
R.T.: 10.306 min
Delta R.T.: -0.009 min
Response: 129859
Conc: 1.19 ug/ml

Instrument :
FID_G
ClientSampleId :



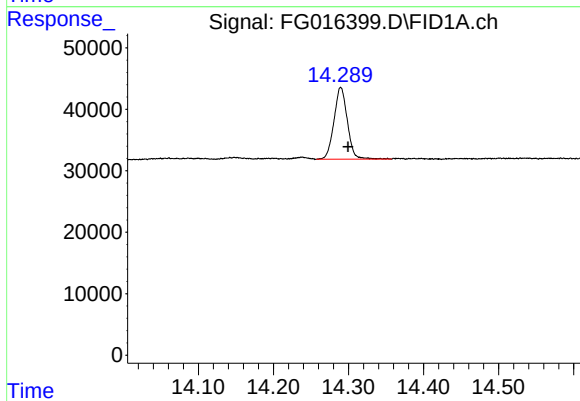
#6 N-OCTADECANE

R.T.: 11.760 min
Delta R.T.: -0.009 min
Response: 145575
Conc: 1.32 ug/ml



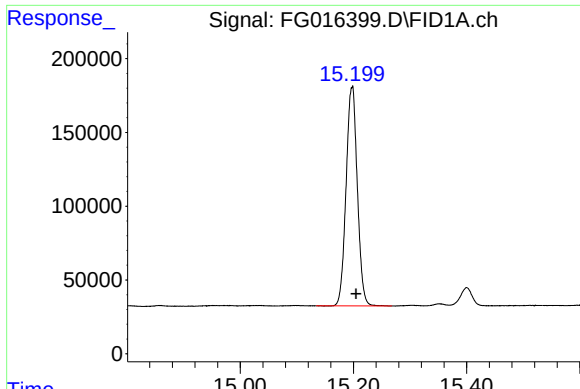
#7 N-EICOSANE

R.T.: 13.081 min
Delta R.T.: -0.010 min
Response: 146269
Conc: 1.29 ug/ml



#8 N-DOCOSANE

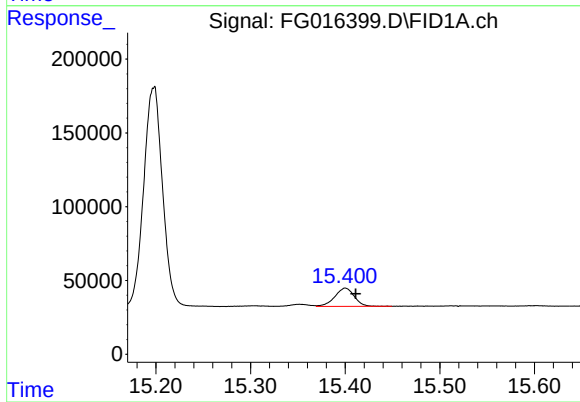
R.T.: 14.290 min
Delta R.T.: -0.010 min
Response: 144300
Conc: 1.31 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

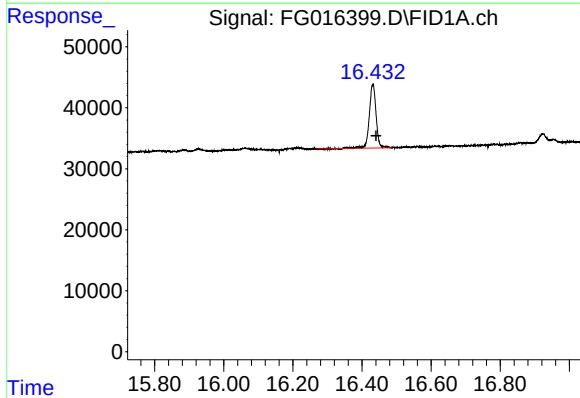
R.T.: 15.198 min
Delta R.T.: -0.007 min
Response: 2051143
Conc: 21.53 ug/ml

Instrument :
FID_G
ClientSampleId :



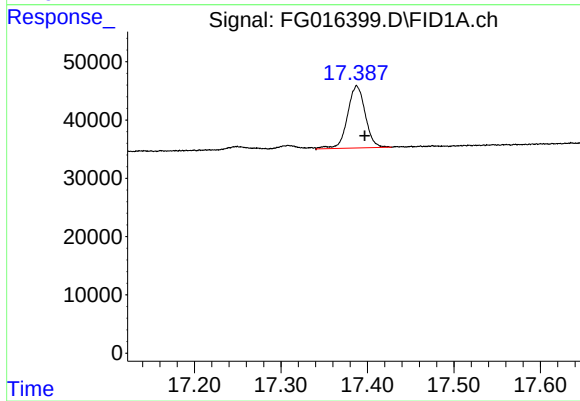
#10 N-TETRACOSANE

R.T.: 15.400 min
Delta R.T.: -0.011 min
Response: 176856
Conc: 1.61 ug/ml



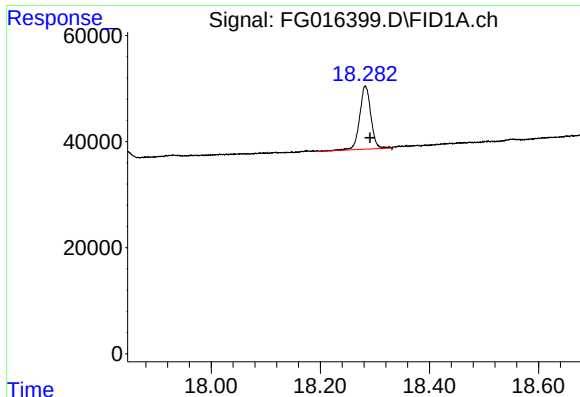
#11 N-HEXACOSANE

R.T.: 16.431 min
Delta R.T.: -0.009 min
Response: 142581
Conc: 1.33 ug/ml



#12 N-OCTACOSANE

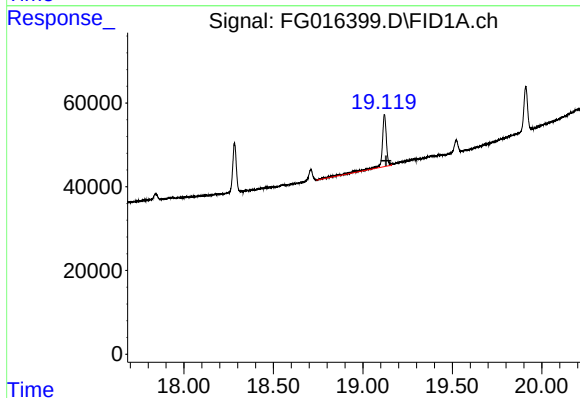
R.T.: 17.388 min
Delta R.T.: -0.009 min
Response: 152282
Conc: 1.41 ug/ml



#13 N-TRIACONTANE

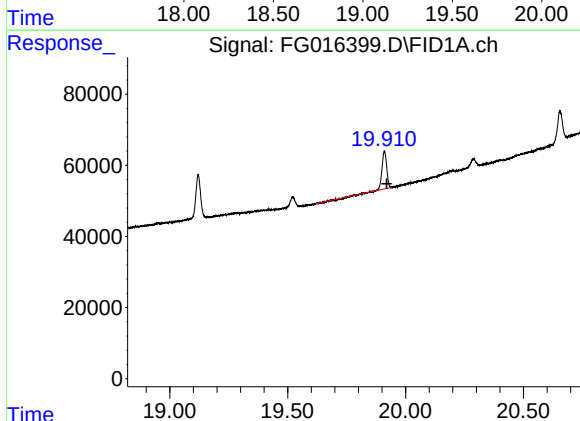
R.T.: 18.282 min
Delta R.T.: -0.009 min
Response: 169357
Conc: 1.55 ug/ml

Instrument :
FID_G
ClientSampleId :



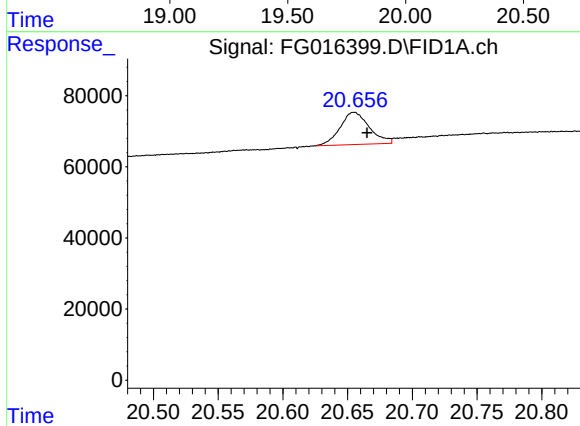
#14 N-DOTRIACONTANE

R.T.: 19.120 min
Delta R.T.: -0.010 min
Response: 214647
Conc: 2.04 ug/ml



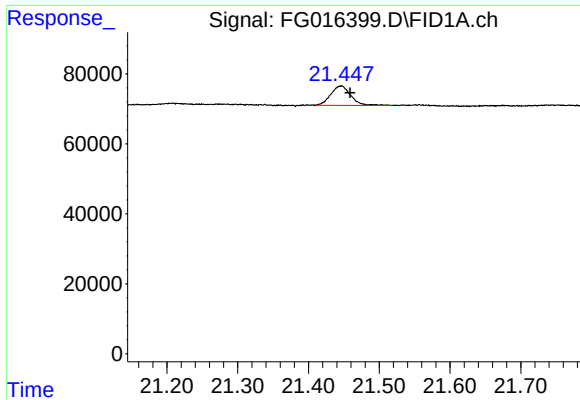
#15 N-TETRATRIACONTANE

R.T.: 19.910 min
Delta R.T.: -0.010 min
Response: 142036
Conc: 1.49 ug/ml



#16 N-HEXATRIACONTANE

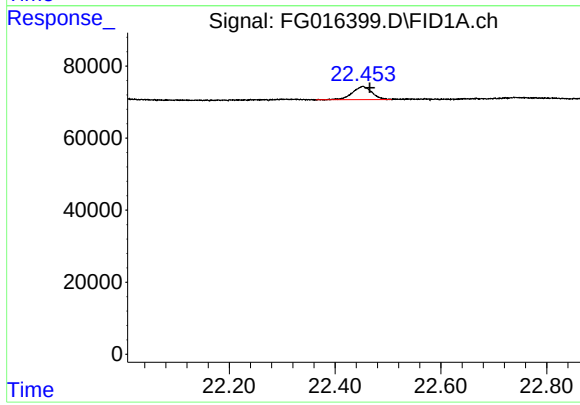
R.T.: 20.655 min
Delta R.T.: -0.010 min
Response: 142968
Conc: 1.91 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.446 min
Delta R.T.: -0.012 min
Response: 108298
Conc: 1.81 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.453 min
Delta R.T.: -0.013 min
Response: 92842
Conc: 2.21 ug/ml