

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
 Data File : FF016402.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2025 17:19
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 19 04:08:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Quant Title :
 QLast Update : Fri Sep 05 15:09:50 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...	15.071	5728191	44.237 ug/ml
Target Compounds			
1) N-OCTANE	2.049	5692450	43.294 ug/ml
2) N-DECANE	4.588	5885675	44.201 ug/ml
3) N-DODECANE	6.767	6034973	44.392 ug/ml
4) N-TETRADECANE	8.600	6115205	43.861 ug/ml
5) N-HEXADECANE	10.209	6237451	43.907 ug/ml
6) N-OCTADECANE	11.655	6443990	43.834 ug/ml
7) N-EICOSANE	12.968	6549071	43.901 ug/ml
8) N-DOCOSANE	14.168	6425920	44.194 ug/ml
10) N-TETRACOSANE	15.275	6437459	44.422 ug/ml
11) N-HEXACOSANE	16.300	6342864	44.391 ug/ml
12) N-OCTACOSANE	17.251	6153651	44.237 ug/ml
13) N-TRIACONTANE	18.142	6078733	43.988 ug/ml
14) N-DOTRIACONTANE	18.976	5799832	44.904 ug/ml
15) N-TETRATRIACONTANE	19.762	5491666	50.060 ug/ml
16) N-HEXATRIACONTANE	20.506	5106866	58.009 ug/ml
17) N-OCTATRIACONTANE	21.265	4908459	66.069 ug/ml
18) N-TETRACONTANE	22.214	4805046	73.524 ug/ml

(f)=RT Delta > 1/2 Window

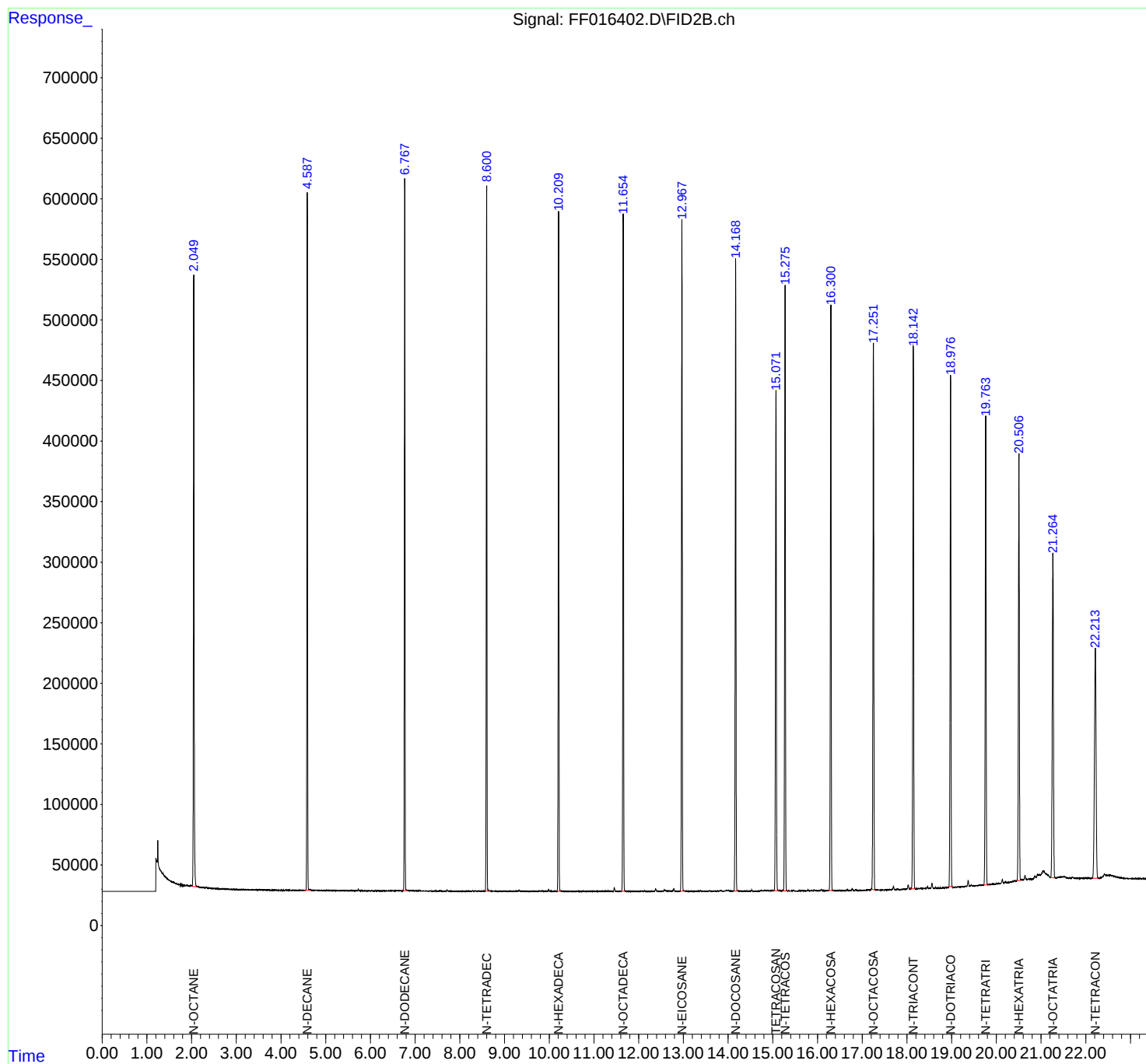
(m)=manual int.

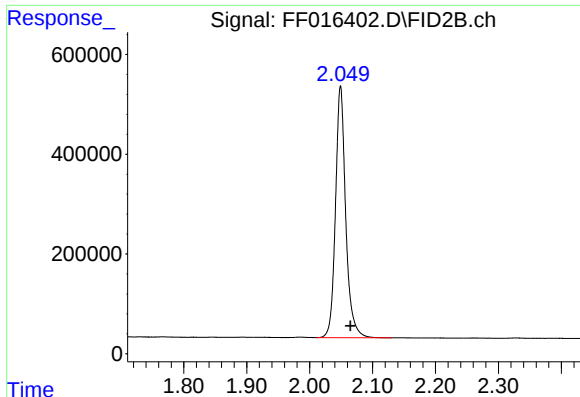
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Response via : Initial Calibration
Integrator: ChemStation

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

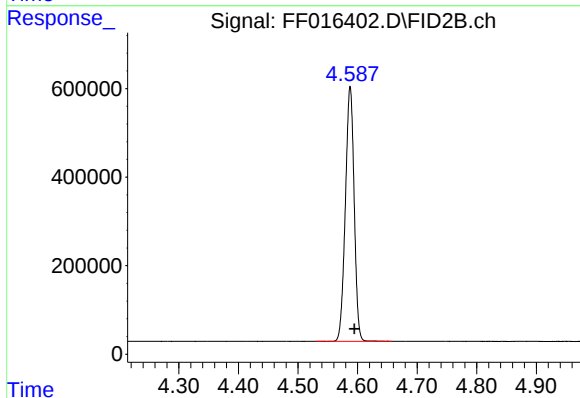




#1 N-OCTANE

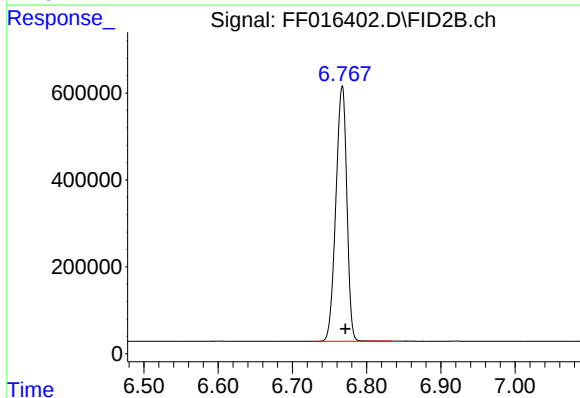
R.T.: 2.049 min
Delta R.T.: -0.016 min
Response: 5692450
Conc: 43.29 ug/ml

Instrument :
FID_G
ClientSampleId :



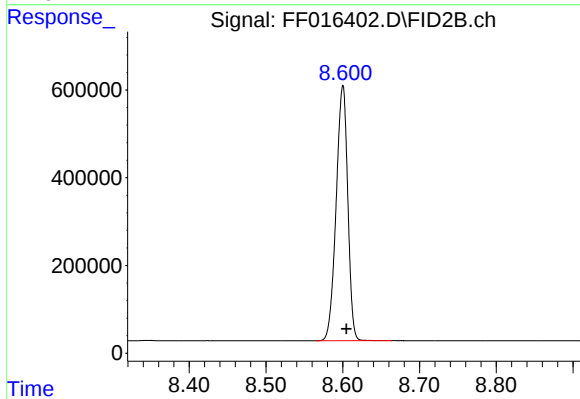
#2 N-DECANE

R.T.: 4.588 min
Delta R.T.: -0.007 min
Response: 5885675
Conc: 44.20 ug/ml



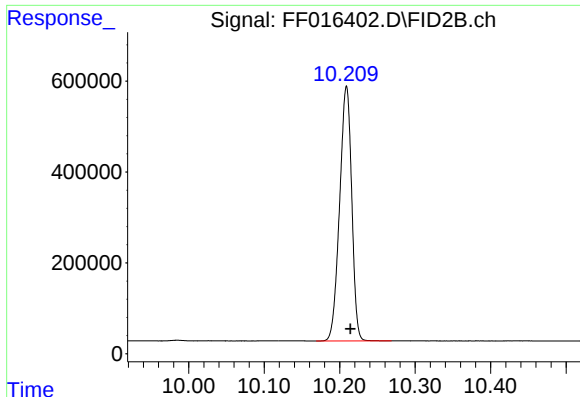
#3 N-DODECANE

R.T.: 6.767 min
Delta R.T.: -0.005 min
Response: 6034973
Conc: 44.39 ug/ml



#4 N-TETRADECANE

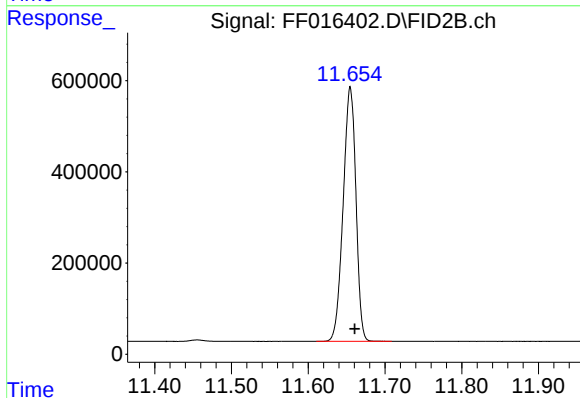
R.T.: 8.600 min
Delta R.T.: -0.005 min
Response: 6115205
Conc: 43.86 ug/ml



#5 N-HEXADECANE

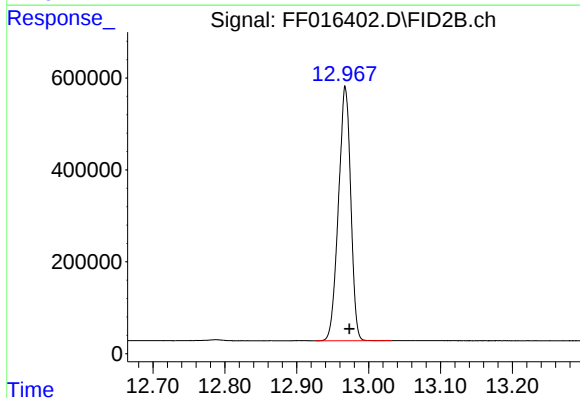
R.T.: 10.209 min
Delta R.T.: -0.005 min
Response: 6237451
Conc: 43.91 ug/ml

Instrument :
FID_G
ClientSampleId :



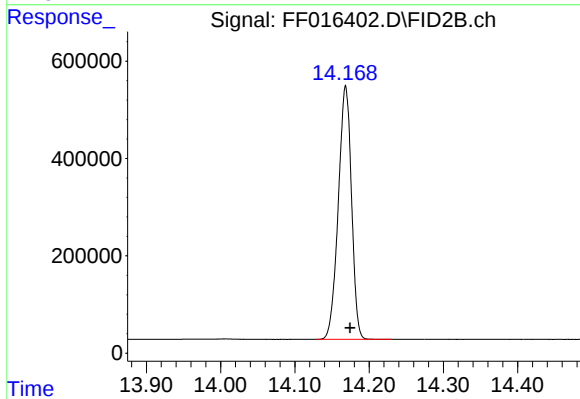
#6 N-OCTADECANE

R.T.: 11.655 min
Delta R.T.: -0.006 min
Response: 6443990
Conc: 43.83 ug/ml



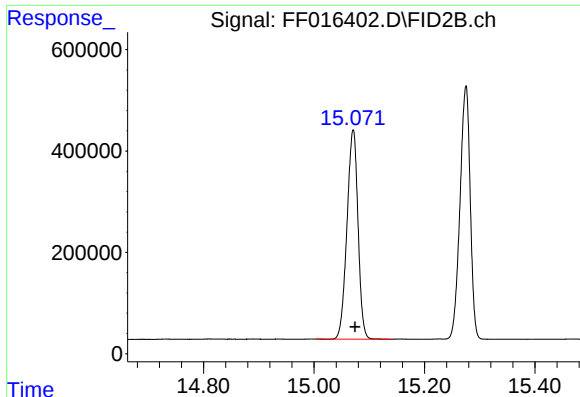
#7 N-EICOSANE

R.T.: 12.968 min
Delta R.T.: -0.006 min
Response: 6549071
Conc: 43.90 ug/ml



#8 N-DOCOSANE

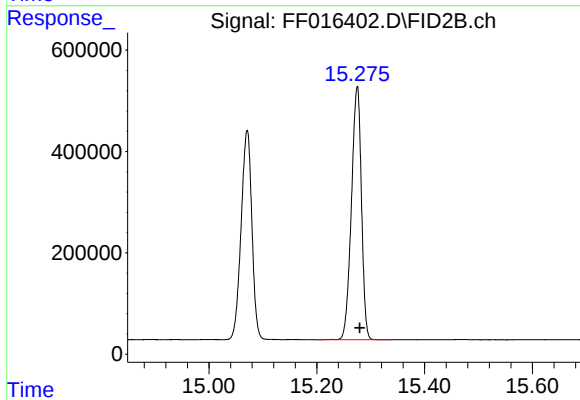
R.T.: 14.168 min
Delta R.T.: -0.006 min
Response: 6425920
Conc: 44.19 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

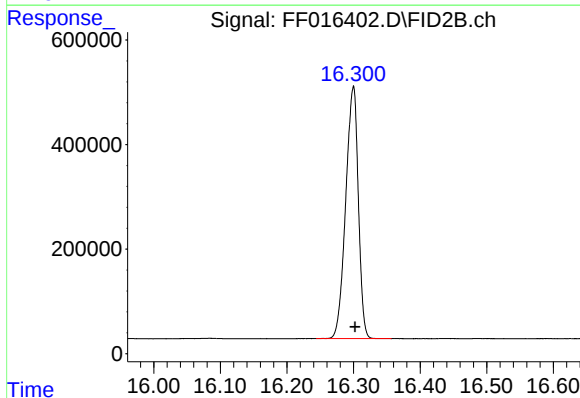
R.T.: 15.071 min
Delta R.T.: -0.004 min
Response: 5728191
Conc: 44.24 ug/ml

Instrument :
FID_G
ClientSampleId :



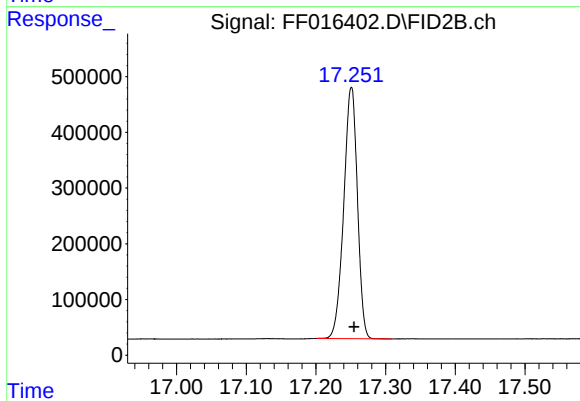
#10 N-TETRACOSANE

R.T.: 15.275 min
Delta R.T.: -0.005 min
Response: 6437459
Conc: 44.42 ug/ml



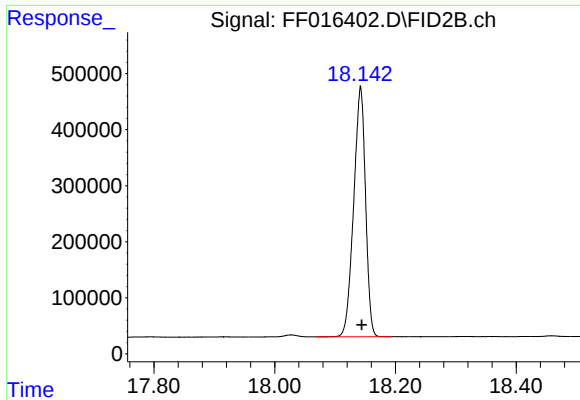
#11 N-HEXACOSANE

R.T.: 16.300 min
Delta R.T.: -0.003 min
Response: 6342864
Conc: 44.39 ug/ml



#12 N-OCTACOSANE

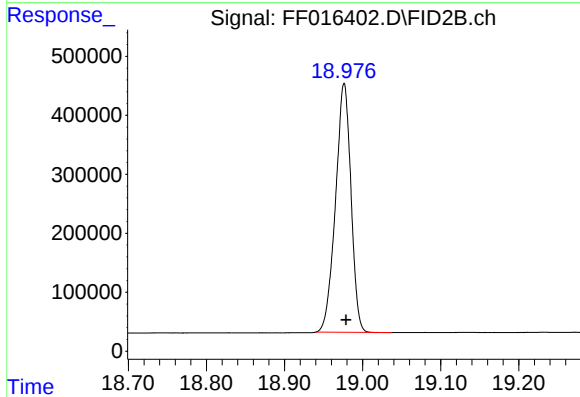
R.T.: 17.251 min
Delta R.T.: -0.004 min
Response: 6153651
Conc: 44.24 ug/ml



#13 N-TRIACONTANE

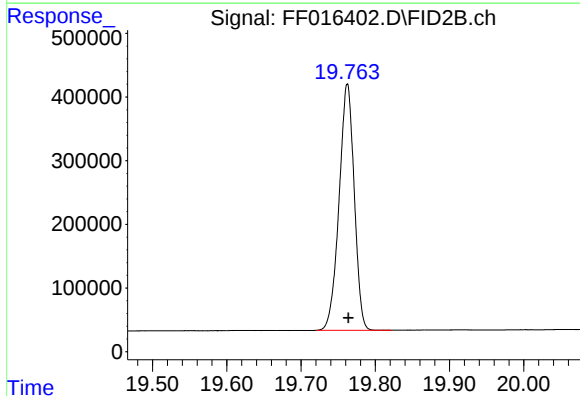
R.T.: 18.142 min
Delta R.T.: -0.002 min
Response: 6078733
Conc: 43.99 ug/ml

Instrument :
FID_G
ClientSampleId :



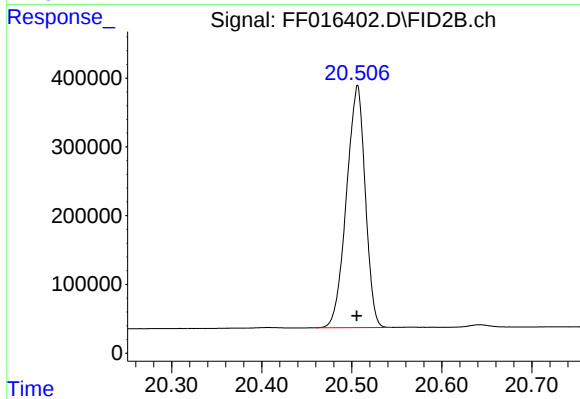
#14 N-DOTRIACONTANE

R.T.: 18.976 min
Delta R.T.: -0.002 min
Response: 5799832
Conc: 44.90 ug/ml



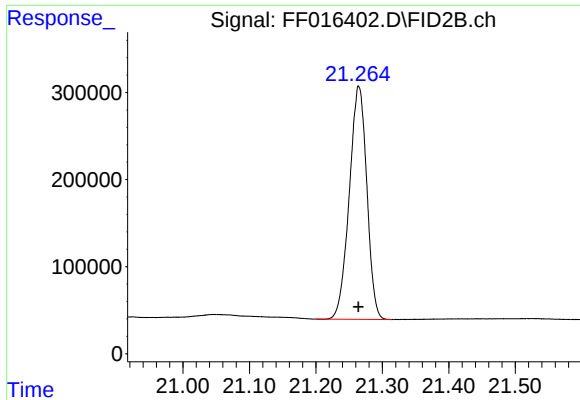
#15 N-TETRATRIACONTANE

R.T.: 19.762 min
Delta R.T.: -0.001 min
Response: 5491666
Conc: 50.06 ug/ml



#16 N-HEXATRIACONTANE

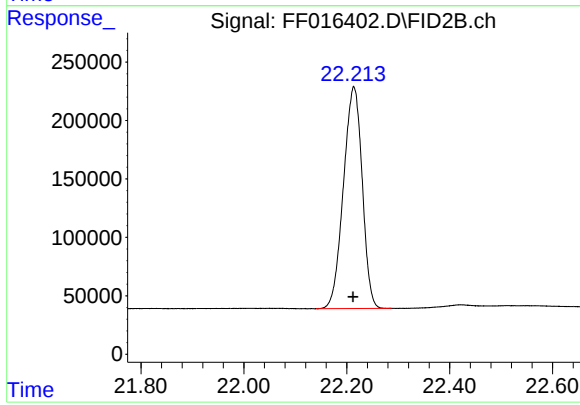
R.T.: 20.506 min
Delta R.T.: 0.000 min
Response: 5106866
Conc: 58.01 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.265 min
Delta R.T.: 0.000 min
Response: 4908459
Conc: 66.07 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.214 min
Delta R.T.: 0.002 min
Response: 4805046
Conc: 73.52 ug/ml