

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082525\
 Data File : FF016200.D
 Signal(s) : FID2B.ch
 Acq On : 25 Aug 2025 14:08
 Operator : YP\AJ
 Sample : Q2893-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 26 04:22:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080625.M
 Quant Title :
 QLast Update : Wed Aug 06 13:50:48 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...	15.081	2568926	23.015 ug/ml
Target Compounds			
1) N-OCTANE	2.064	324381	2.851 ug/ml
2) N-DECANE	4.599	348775	2.996 ug/ml
3) N-DODECANE	6.776	350517	2.967 ug/ml
4) N-TETRADECANE	8.609	363760	3.009 ug/ml
5) N-HEXADECANE	10.219	365561	3.008 ug/ml
6) N-OCTADECANE	11.665	383230	3.062 ug/ml
7) N-EICOSANE	12.978	397223	3.070 ug/ml
8) N-DOCOSANE	14.178	387328	3.064 ug/ml
10) N-TETRACOSANE	15.284	390875	3.084 ug/ml
11) N-HEXACOSANE	16.307	382931	3.093 ug/ml
12) N-OCTACOSANE	17.261	377645	3.017 ug/ml
13) N-TRIACONTANE	18.150	380706	2.980 ug/ml
14) N-DOTRIACONTANE	18.986	365568	2.937 ug/ml
15) N-TETRATRIACONTANE	19.772	303784	2.714 ug/ml
16) N-HEXATRIACONTANE	20.515	236878	2.574 ug/ml
17) N-OCTATRIACONTANE	21.275	208668	2.731 ug/ml
18) N-TETRACONTANE	22.229	163582	2.490 ug/ml

(f)=RT Delta > 1/2 Window

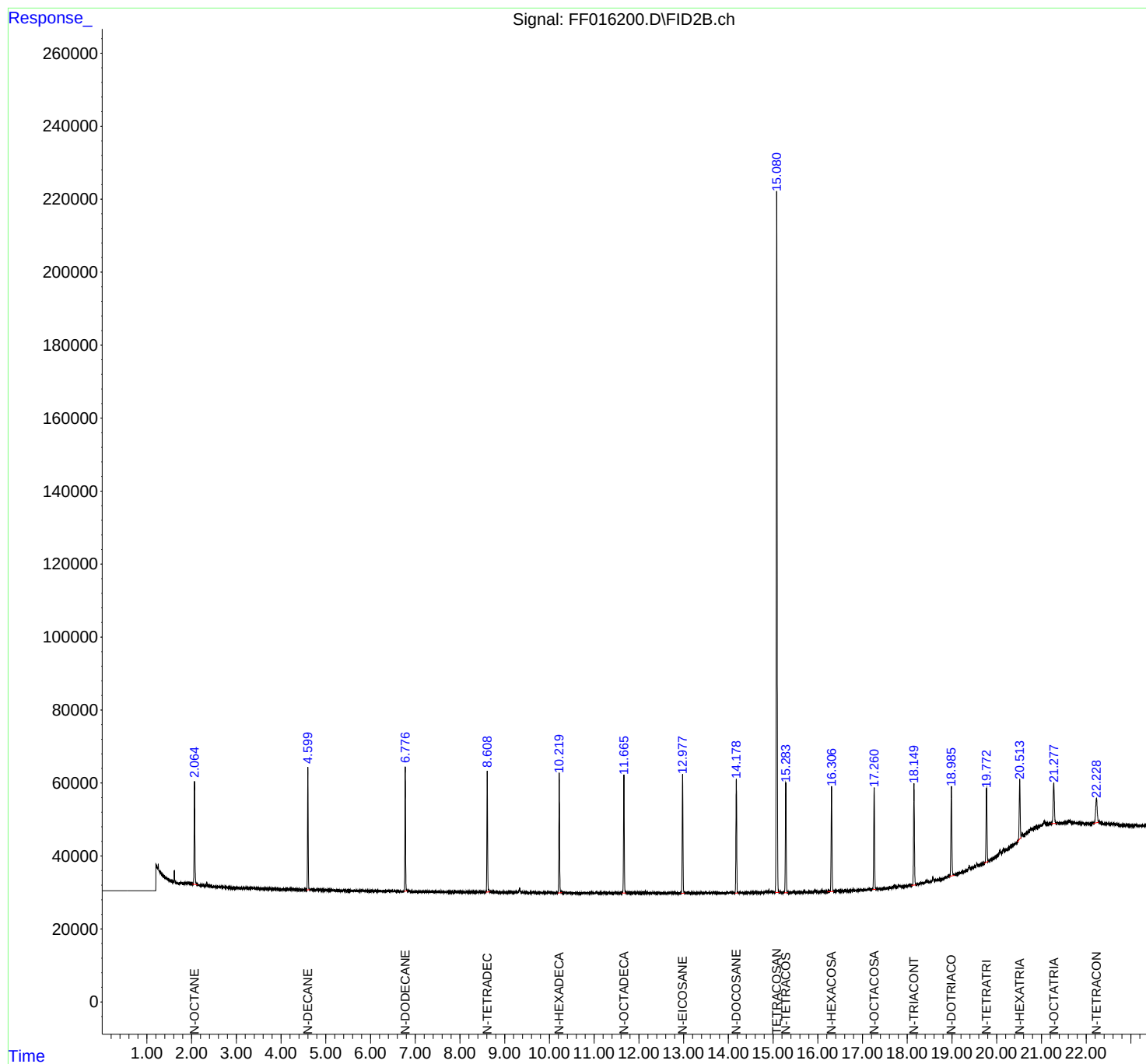
(m)=manual int.

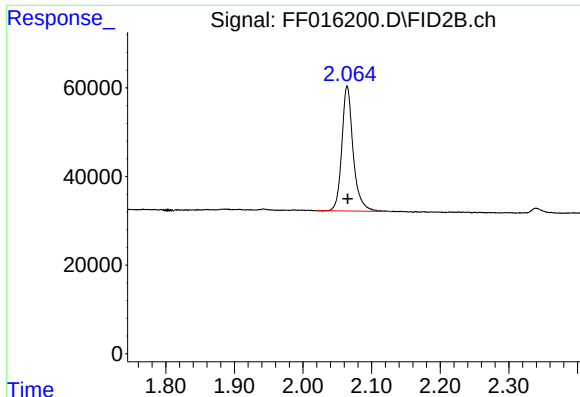
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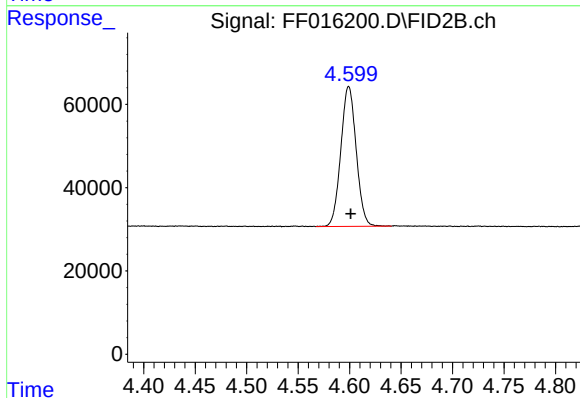




#1 N-OCTANE

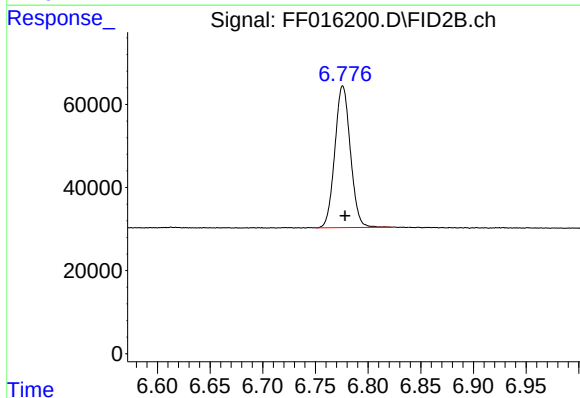
R.T.: 2.064 min
Delta R.T.: 0.000 min
Response: 324381
Conc: 2.85 ug/ml

Instrument :
FID_E
ClientSampleId :



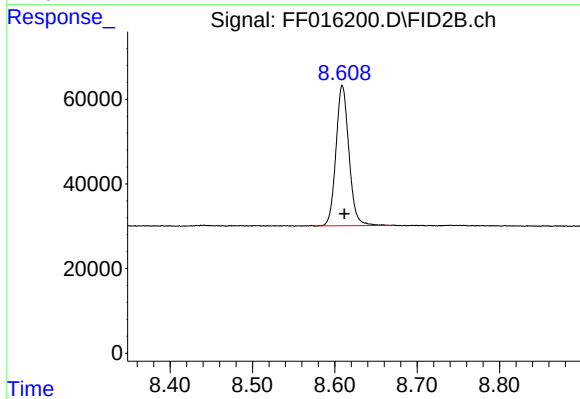
#2 N-DECANE

R.T.: 4.599 min
Delta R.T.: -0.002 min
Response: 348775
Conc: 3.00 ug/ml



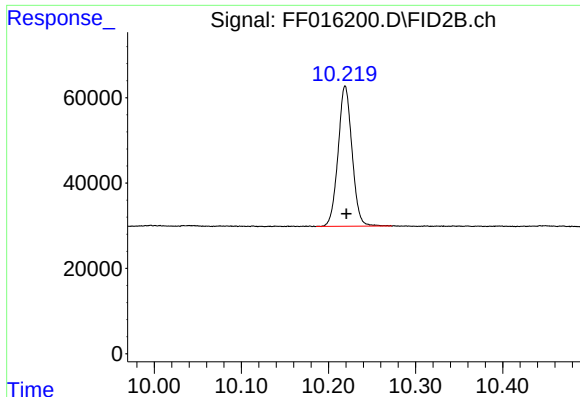
#3 N-DODECANE

R.T.: 6.776 min
Delta R.T.: -0.002 min
Response: 350517
Conc: 2.97 ug/ml



#4 N-TETRADECANE

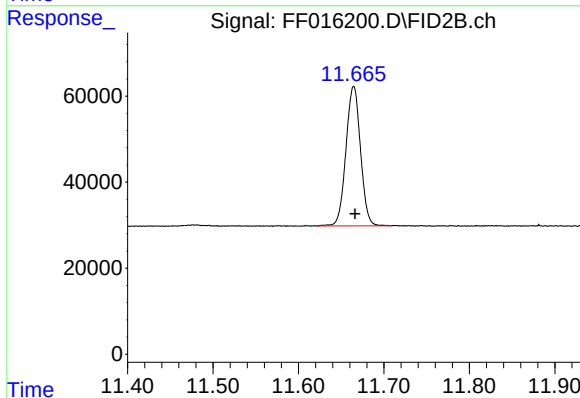
R.T.: 8.609 min
Delta R.T.: -0.002 min
Response: 363760
Conc: 3.01 ug/ml



#5 N-HEXADECANE

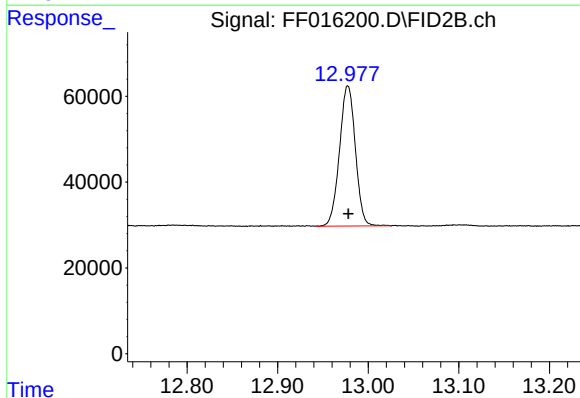
R.T.: 10.219 min
Delta R.T.: -0.002 min
Response: 365561
Conc: 3.01 ug/ml

Instrument :
FID_E
ClientSampleId :



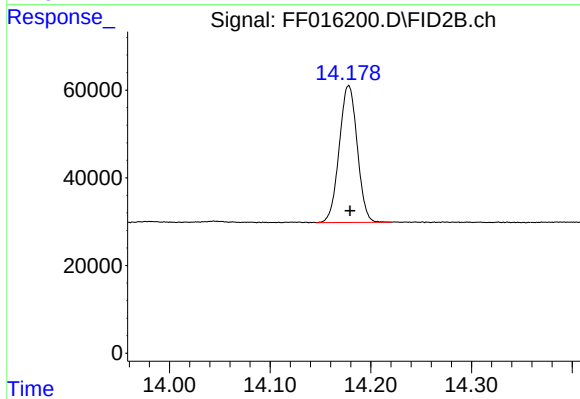
#6 N-OCTADECANE

R.T.: 11.665 min
Delta R.T.: -0.001 min
Response: 383230
Conc: 3.06 ug/ml



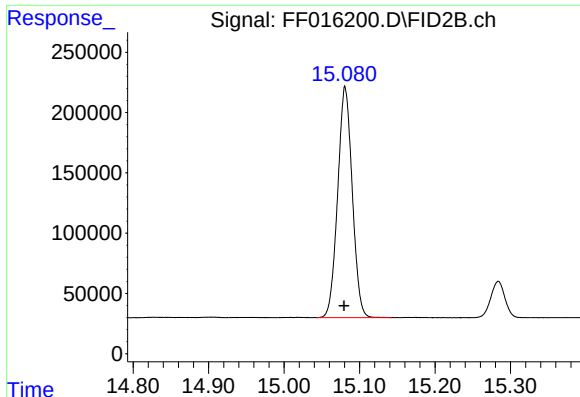
#7 N-EICOSANE

R.T.: 12.978 min
Delta R.T.: 0.000 min
Response: 397223
Conc: 3.07 ug/ml



#8 N-DOCOSANE

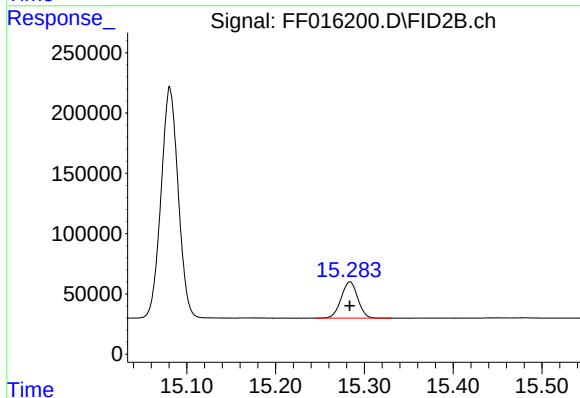
R.T.: 14.178 min
Delta R.T.: -0.001 min
Response: 387328
Conc: 3.06 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

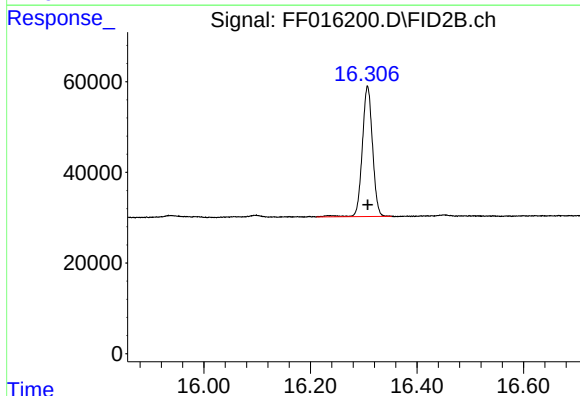
R.T.: 15.081 min
Delta R.T.: 0.001 min
Response: 2568926
Conc: 23.01 ug/ml

Instrument :
FID_E
ClientSampleId :



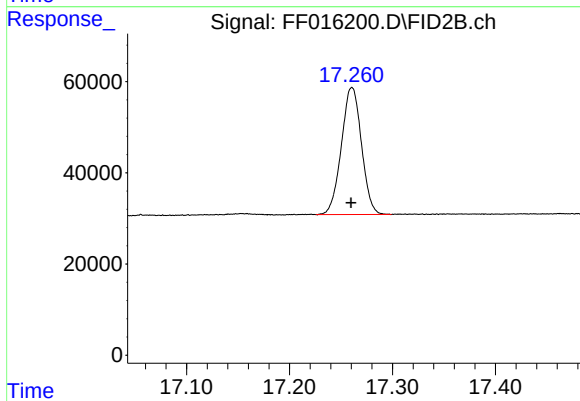
#10 N-TETRACOSANE

R.T.: 15.284 min
Delta R.T.: 0.000 min
Response: 390875
Conc: 3.08 ug/ml



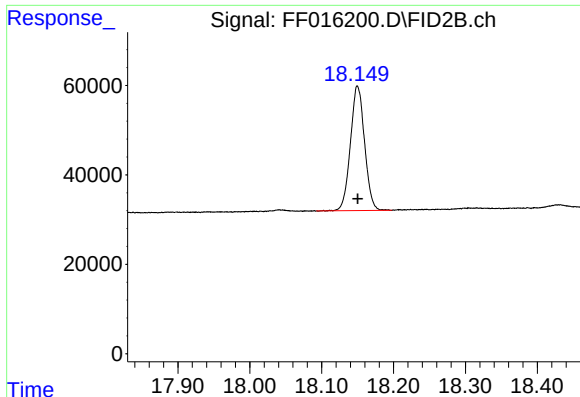
#11 N-HEXACOSANE

R.T.: 16.307 min
Delta R.T.: 0.000 min
Response: 382931
Conc: 3.09 ug/ml



#12 N-OCTACOSANE

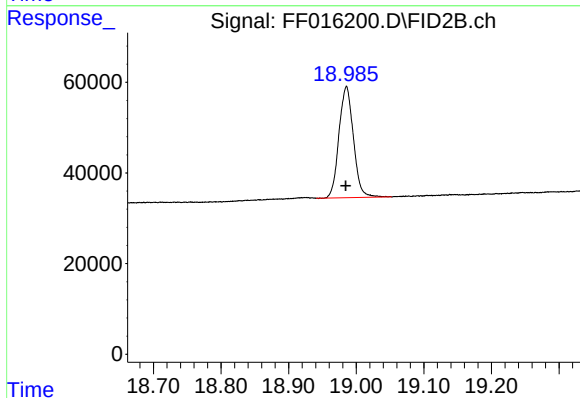
R.T.: 17.261 min
Delta R.T.: 0.000 min
Response: 377645
Conc: 3.02 ug/ml



#13 N-TRIACONTANE

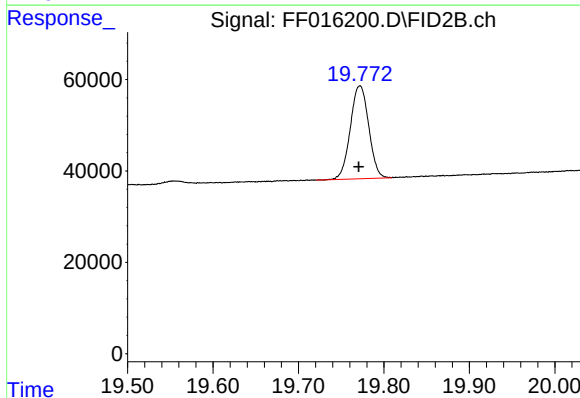
R.T.: 18.150 min
Delta R.T.: 0.000 min
Response: 380706
Conc: 2.98 ug/ml

Instrument :
FID_E
ClientSampleId :



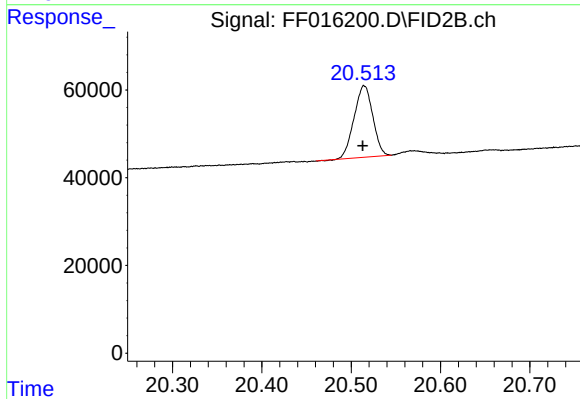
#14 N-DOTRIACONTANE

R.T.: 18.986 min
Delta R.T.: 0.001 min
Response: 365568
Conc: 2.94 ug/ml



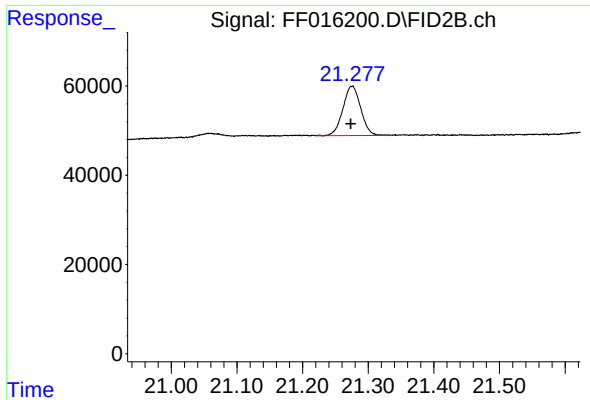
#15 N-TETRATRIACONTANE

R.T.: 19.772 min
Delta R.T.: 0.001 min
Response: 303784
Conc: 2.71 ug/ml



#16 N-HEXATRIACONTANE

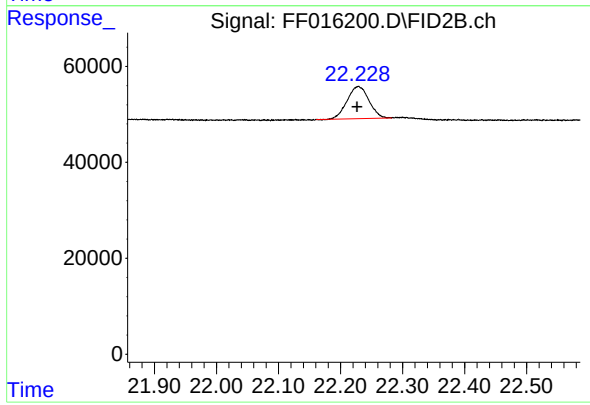
R.T.: 20.515 min
Delta R.T.: 0.002 min
Response: 236878
Conc: 2.57 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.275 min
Delta R.T.: 0.002 min
Response: 208668
Conc: 2.73 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.229 min
Delta R.T.: 0.002 min
Response: 163582
Conc: 2.49 ug/ml