

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG073124\
 Data File : FG013988.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jul 2024 11:52
 Operator : YP\AJ
 Sample : P3390-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 01 03:02:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:06 2024
 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...	14.952	1984184	16.403 ug/ml
Target Compounds			
1) N-OCTANE	1.966	351485	2.921 ug/ml
2) N-DECANE	4.472	388621	3.117 ug/ml
3) N-DODECANE	6.644	397863	3.015 ug/ml
4) N-TETRADECANE	8.476	415725	3.180 ug/ml
5) N-HEXADECANE	10.087	403983	3.031 ug/ml
6) N-OCTADECANE	11.534	407840	2.984 ug/ml
7) N-EICOSANE	12.846	407291	3.047 ug/ml
8) N-DOCOSANE	14.049	405529	3.081 ug/ml
10) N-TETRACOSANE	15.154	396587	3.038 ug/ml
11) N-HEXACOSANE	16.179	396936	3.090 ug/ml
12) N-OCTACOSANE	17.131	398762	3.144 ug/ml
13) N-TRIACONTANE	18.020	413131	3.284 ug/ml
14) N-DOTRIACONTANE	18.857	410337	3.363 ug/ml
15) N-TETRATRIACONTANE	19.642	347377	3.451 ug/ml
16) N-HEXATRIACONTANE	20.384	267950	3.207 ug/ml
17) N-OCTATRIACONTANE	21.118	225837	3.028 ug/ml
18) N-TETRACONTANE	22.019	196180	2.831 ug/ml

(f)=RT Delta > 1/2 Window

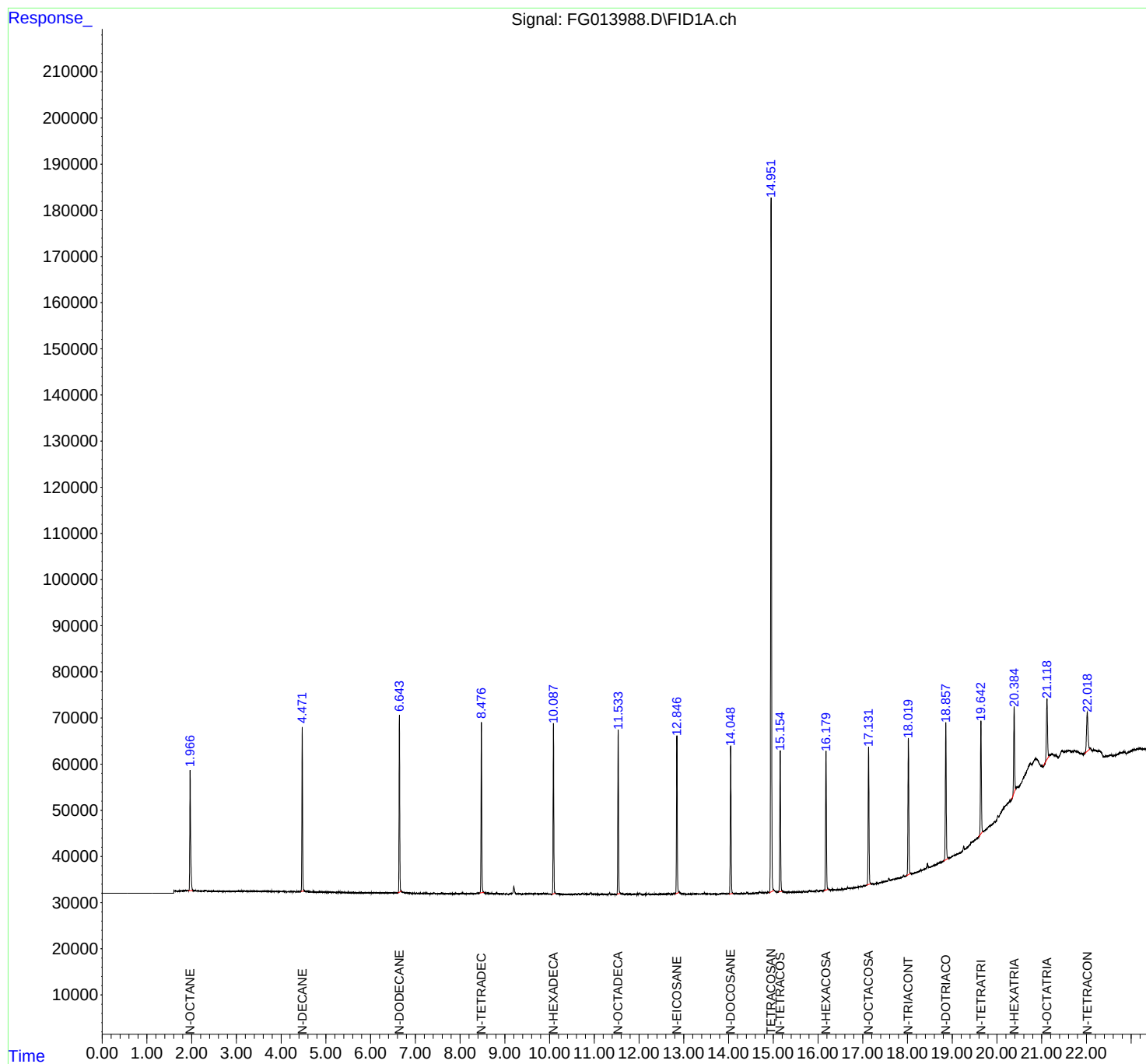
(m)=manual int.

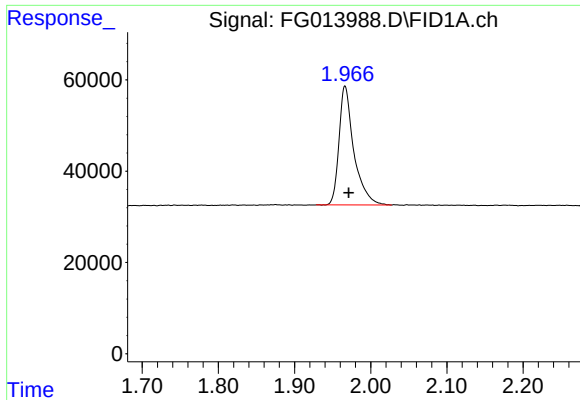
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Response via : Initial Calibration
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

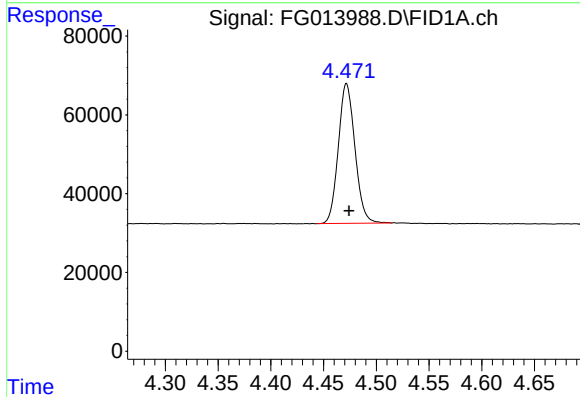




#1 N-OCTANE

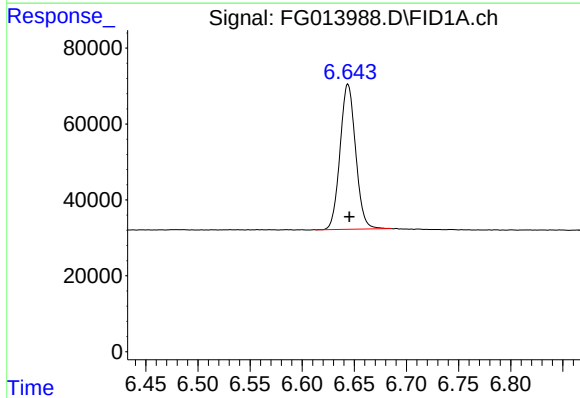
R.T.: 1.966 min
Delta R.T.: -0.005 min
Response: 351485
Conc: 2.92 ug/ml

Instrument :
FID_G
ClientSampleId :



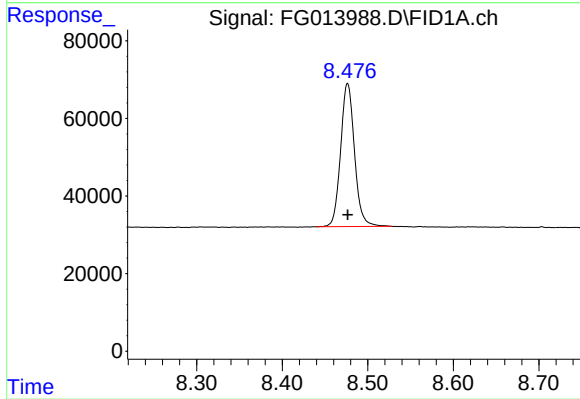
#2 N-DECANE

R.T.: 4.472 min
Delta R.T.: -0.002 min
Response: 388621
Conc: 3.12 ug/ml



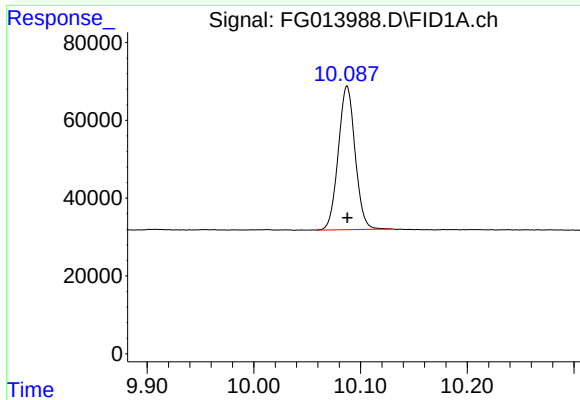
#3 N-DODECANE

R.T.: 6.644 min
Delta R.T.: -0.001 min
Response: 397863
Conc: 3.02 ug/ml



#4 N-TETRADECANE

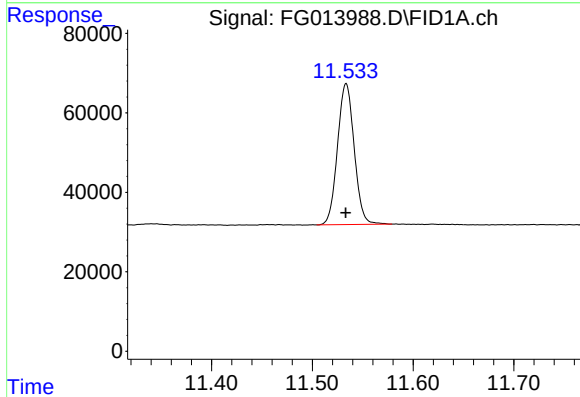
R.T.: 8.476 min
Delta R.T.: 0.000 min
Response: 415725
Conc: 3.18 ug/ml



#5 N-HEXADECANE

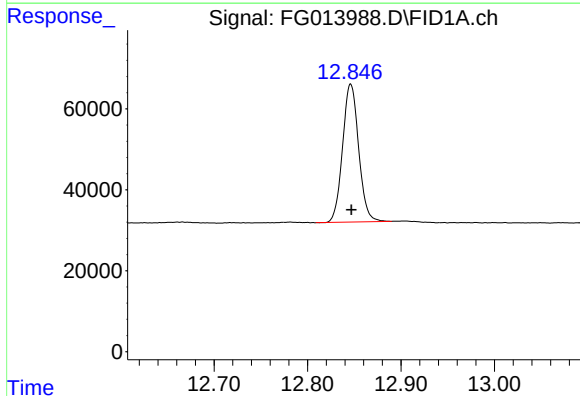
R.T.: 10.087 min
Delta R.T.: 0.000 min
Response: 403983
Conc: 3.03 ug/ml

Instrument :
FID_G
ClientSampleId :



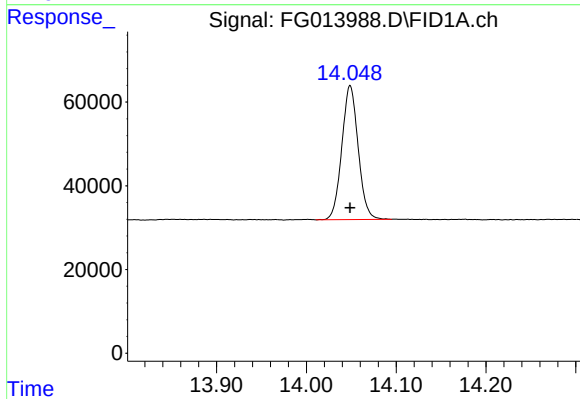
#6 N-OCTADECANE

R.T.: 11.534 min
Delta R.T.: 0.000 min
Response: 407840
Conc: 2.98 ug/ml



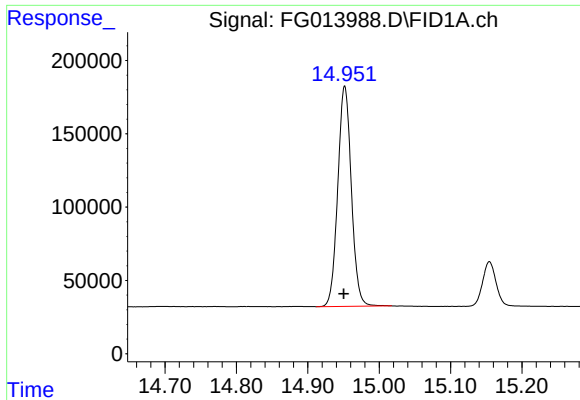
#7 N-EICOSANE

R.T.: 12.846 min
Delta R.T.: 0.000 min
Response: 407291
Conc: 3.05 ug/ml



#8 N-DOCOSANE

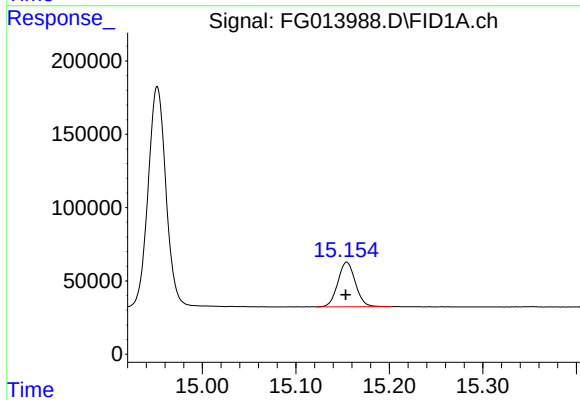
R.T.: 14.049 min
Delta R.T.: 0.000 min
Response: 405529
Conc: 3.08 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

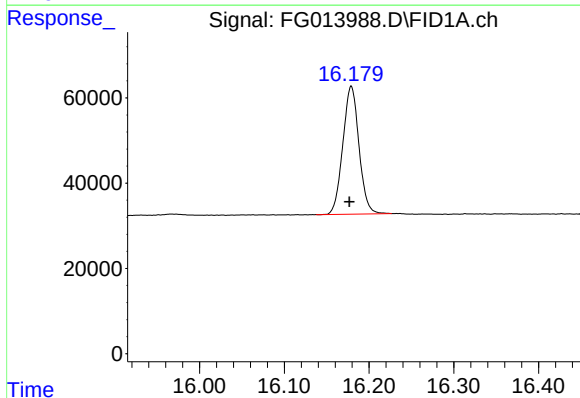
R.T.: 14.952 min
Delta R.T.: 0.001 min
Response: 1984184
Conc: 16.40 ug/ml

Instrument :
FID_G
ClientSampleId :



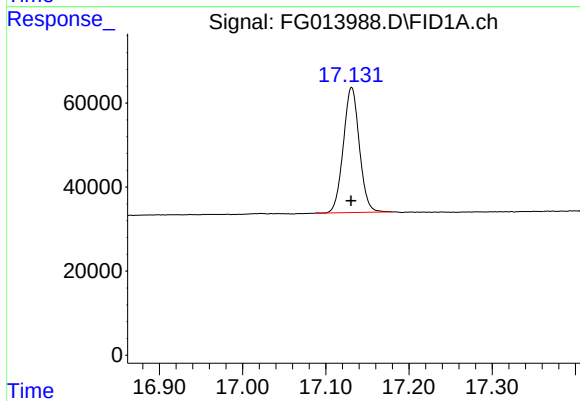
#10 N-TETRACOSANE

R.T.: 15.154 min
Delta R.T.: 0.001 min
Response: 396587
Conc: 3.04 ug/ml



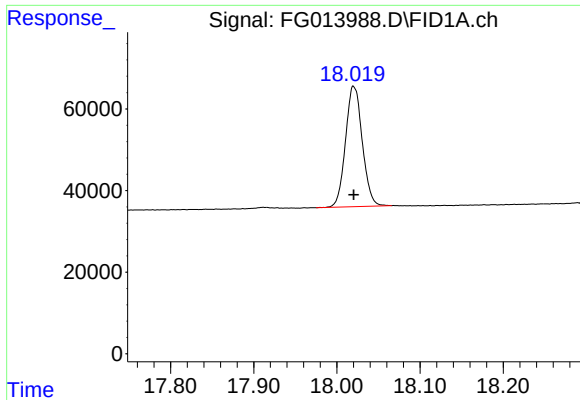
#11 N-HEXACOSANE

R.T.: 16.179 min
Delta R.T.: 0.002 min
Response: 396936
Conc: 3.09 ug/ml



#12 N-OCTACOSANE

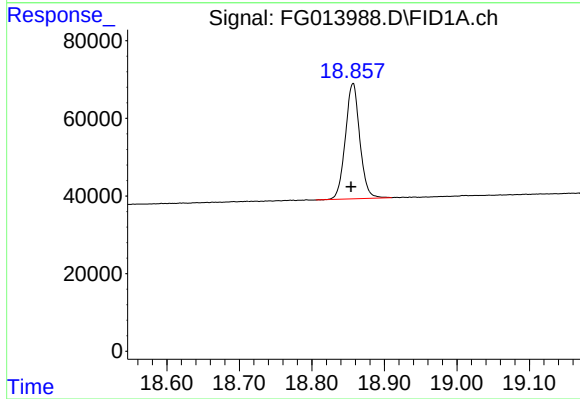
R.T.: 17.131 min
Delta R.T.: 0.000 min
Response: 398762
Conc: 3.14 ug/ml



#13 N-TRIACONTANE

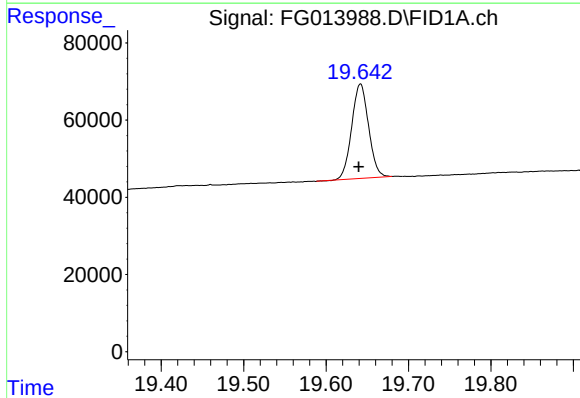
R.T.: 18.020 min
Delta R.T.: 0.000 min
Response: 413131
Conc: 3.28 ug/ml

Instrument :
FID_G
ClientSampleId :



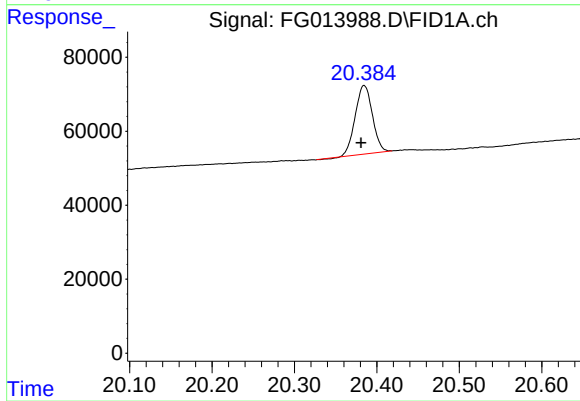
#14 N-DOTRIACONTANE

R.T.: 18.857 min
Delta R.T.: 0.003 min
Response: 410337
Conc: 3.36 ug/ml



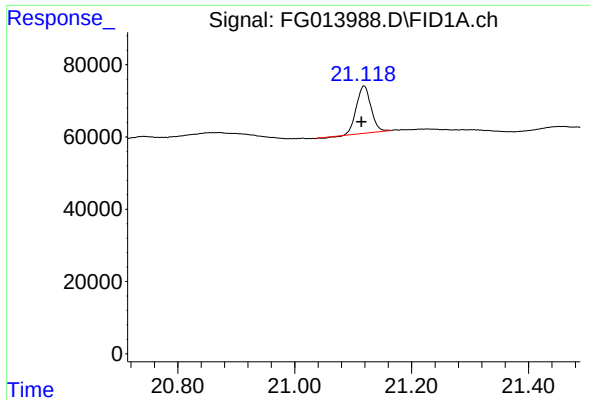
#15 N-TETRATRIACONTANE

R.T.: 19.642 min
Delta R.T.: 0.002 min
Response: 347377
Conc: 3.45 ug/ml



#16 N-HEXATRIACONTANE

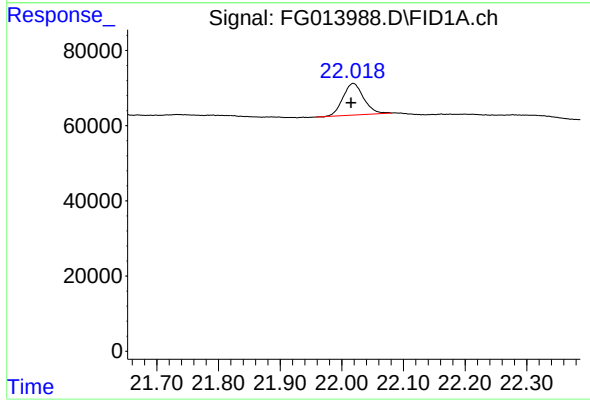
R.T.: 20.384 min
Delta R.T.: 0.004 min
Response: 267950
Conc: 3.21 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.118 min
Delta R.T.: 0.004 min
Response: 225837
Conc: 3.03 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.019 min
Delta R.T.: 0.004 min
Response: 196180
Conc: 2.83 ug/ml