

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101124\
 Data File : FE050607.D
 Signal(s) : FID1B.ch
 Acq On : 11 Oct 2024 00:30
 Operator : YP\AJ
 Sample : P4368-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 11 03:57:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE101124.M
 Quant Title :
 QLast Update : Thu Oct 10 13:46:49 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...	14.940	2236495	16.050 ug/ml
Target Compounds			
1) N-OCTANE	1.993	357579	2.388 ug/ml
2) N-DECANE	4.499	345117	2.231 ug/ml
3) N-DODECANE	6.667	332474	2.144 ug/ml
4) N-TETRADECANE	8.494	332147	2.113 ug/ml
5) N-HEXADECANE	10.100	345520	2.198 ug/ml
6) N-OCTADECANE	11.539	373518	2.329 ug/ml
7) N-EICOSANE	12.846	376607	2.329 ug/ml
8) N-DOCOSANE	14.041	381012	2.430 ug/ml
10) N-TETRACOSANE	15.142	385898	2.460 ug/ml
11) N-HEXACOSANE	16.161	388254	2.463 ug/ml
12) N-OCTACOSANE	17.110	394480	2.469 ug/ml
13) N-TRIACONTANE	17.996	406128	2.412 ug/ml
14) N-DOTRIACONTANE	18.827	354917	2.041 ug/ml
15) N-TETRATRIACONTANE	19.611	263669	1.489 ug/ml
16) N-HEXATRIACONTANE	20.350	189789	1.110 ug/ml
17) N-OCTATRIACONTANE	21.073	161074	0.956 ug/ml
18) N-TETRACONTANE	21.959	147951	0.961 ug/ml

(f)=RT Delta > 1/2 Window

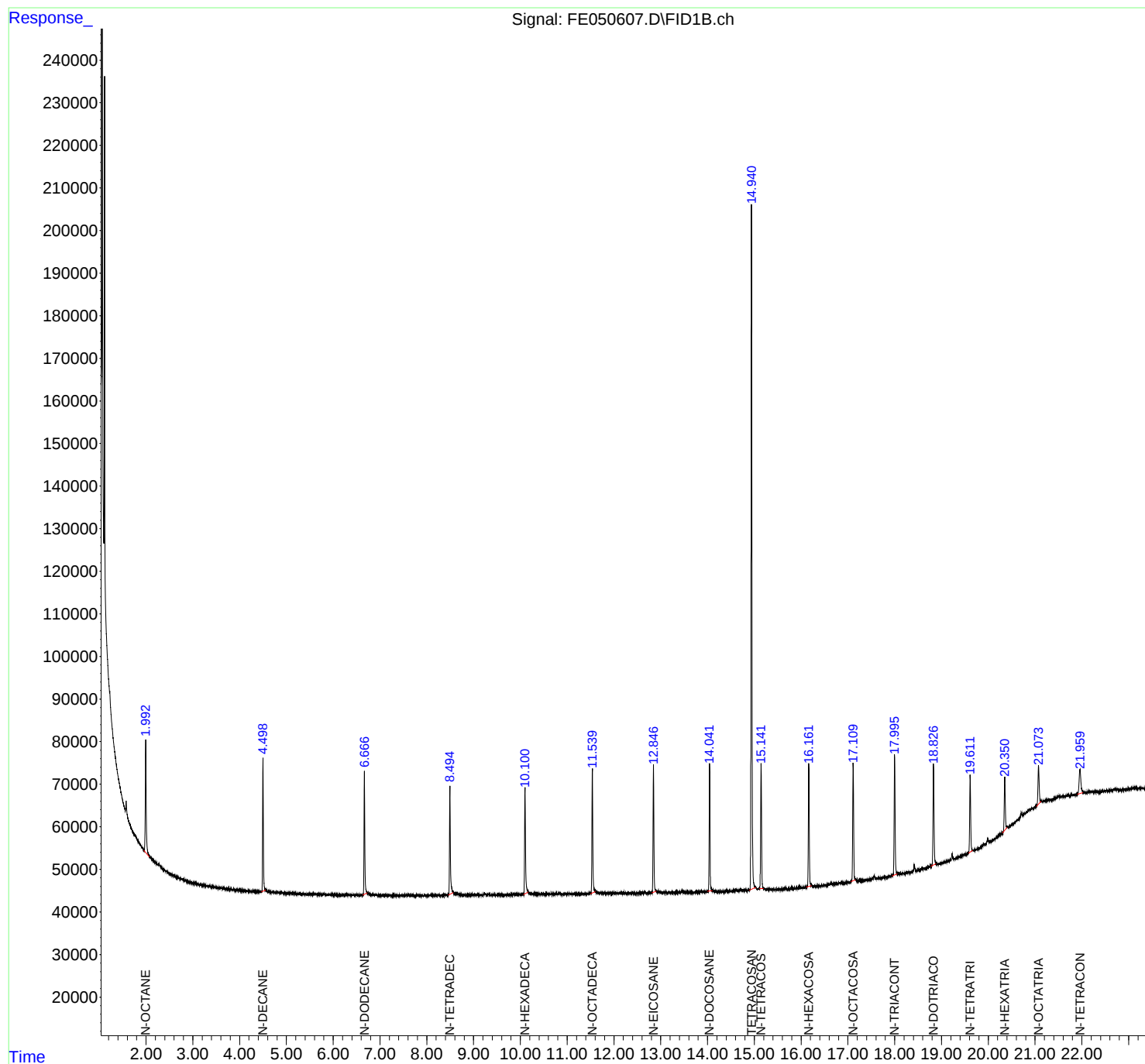
(m)=manual int.

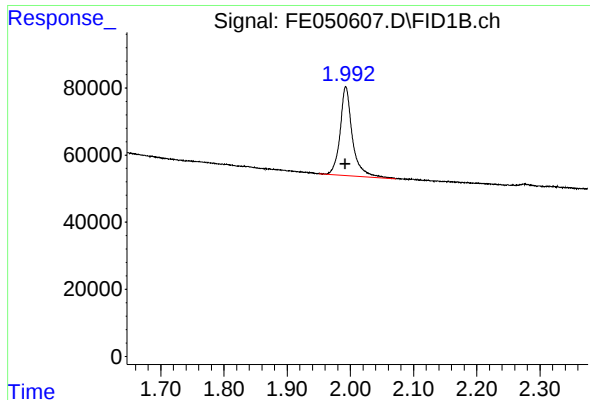
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Signal Info : 20mx0.18mmx0.18um

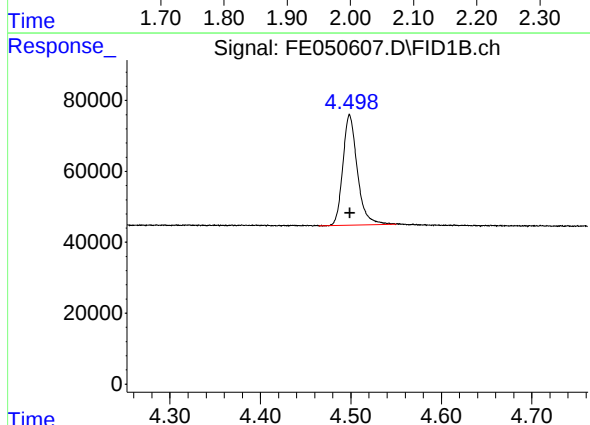




#1 N-OCTANE

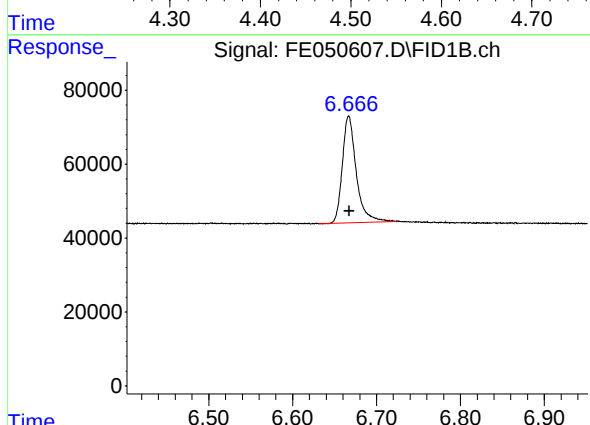
R.T.: 1.993 min
Delta R.T.: 0.000 min
Response: 357579
Conc: 2.39 ug/ml

Instrument :
FID_E
ClientSampleId :



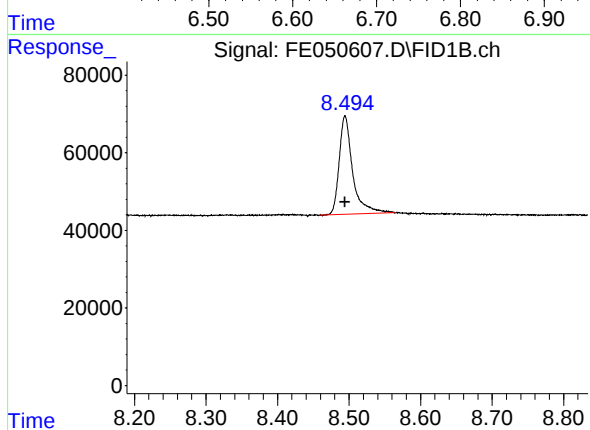
#2 N-DECANE

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 345117
Conc: 2.23 ug/ml



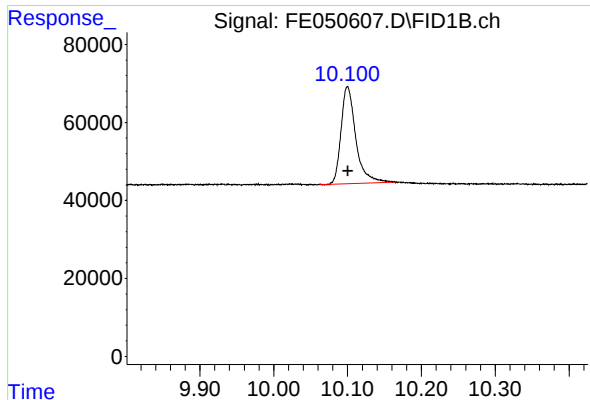
#3 N-DODECANE

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 332474
Conc: 2.14 ug/ml



#4 N-TETRADECANE

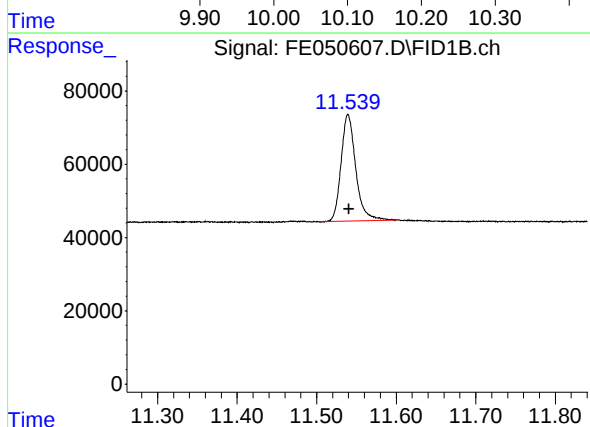
R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 332147
Conc: 2.11 ug/ml



#5 N-HEXADECANE

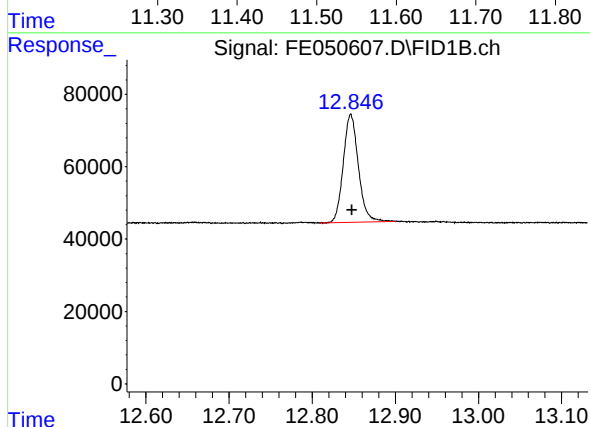
R.T.: 10.100 min
Delta R.T.: 0.000 min
Response: 345520
Conc: 2.20 ug/ml

Instrument :
FID_E
ClientSampleId :



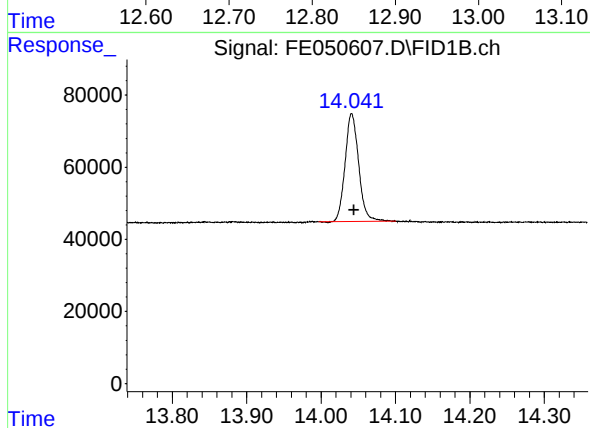
#6 N-OCTADECANE

R.T.: 11.539 min
Delta R.T.: -0.001 min
Response: 373518
Conc: 2.33 ug/ml



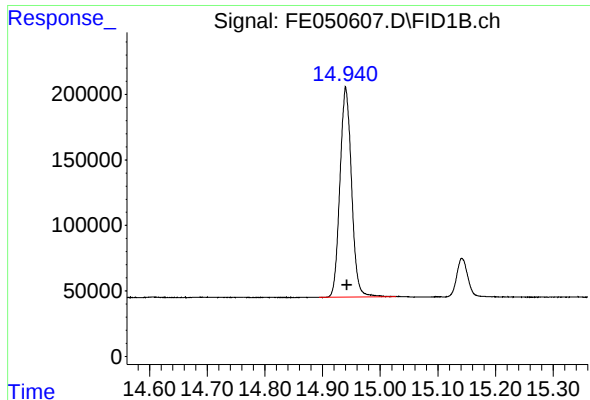
#7 N-EICOSANE

R.T.: 12.846 min
Delta R.T.: -0.002 min
Response: 376607
Conc: 2.33 ug/ml



#8 N-DOCOSANE

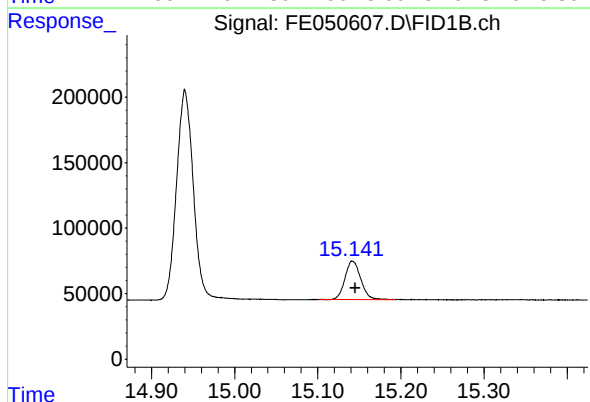
R.T.: 14.041 min
Delta R.T.: -0.003 min
Response: 381012
Conc: 2.43 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

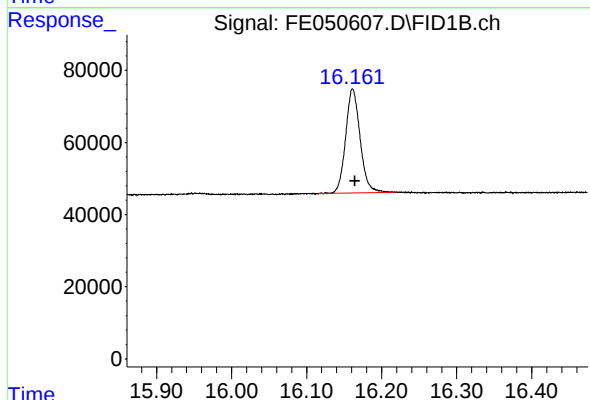
R.T.: 14.940 min
Delta R.T.: -0.002 min
Response: 2236495
Conc: 16.05 ug/ml

Instrument :
FID_E
ClientSampleId :



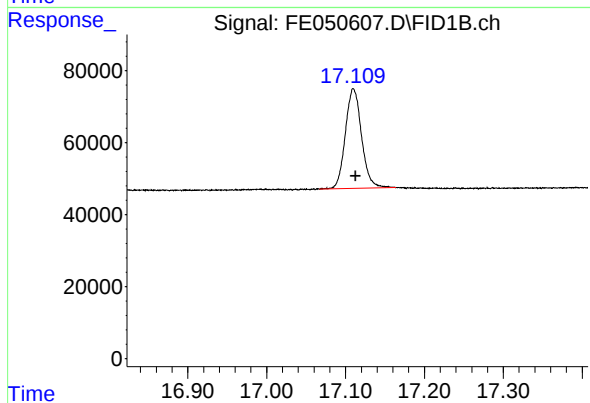
#10 N-TETRACOSANE

R.T.: 15.142 min
Delta R.T.: -0.003 min
Response: 385898
Conc: 2.46 ug/ml



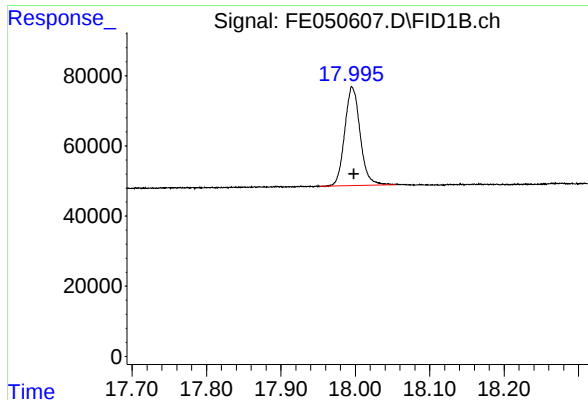
#11 N-HEXACOSANE

R.T.: 16.161 min
Delta R.T.: -0.003 min
Response: 388254
Conc: 2.46 ug/ml



#12 N-OCTACOSANE

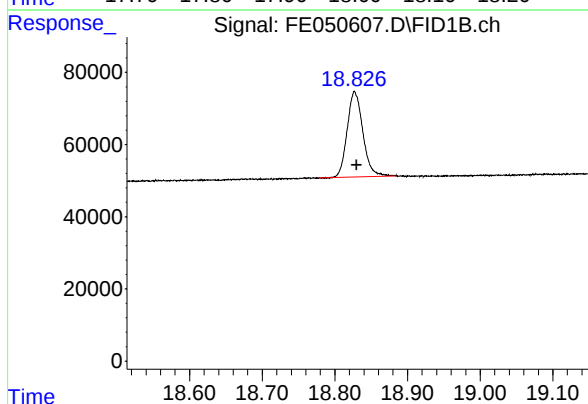
R.T.: 17.110 min
Delta R.T.: -0.003 min
Response: 394480
Conc: 2.47 ug/ml



#13 N-TRIACONTANE

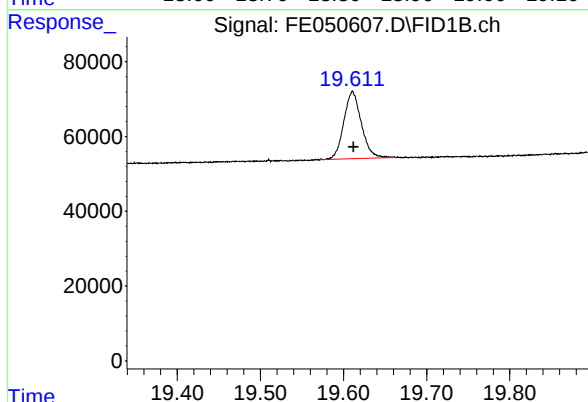
R.T.: 17.996 min
Delta R.T.: -0.003 min
Response: 406128
Conc: 2.41 ug/ml

Instrument :
FID_E
ClientSampleId :



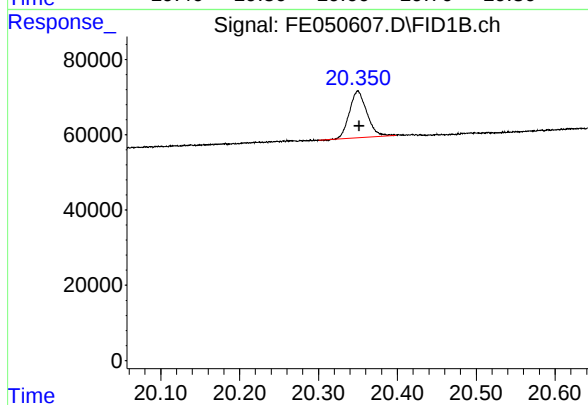
#14 N-DOTRIACONTANE

R.T.: 18.827 min
Delta R.T.: -0.003 min
Response: 354917
Conc: 2.04 ug/ml



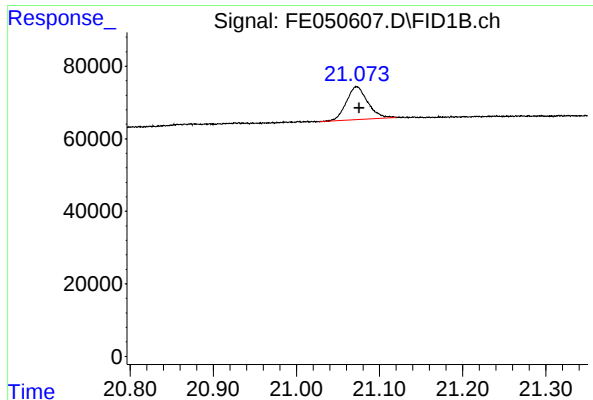
#15 N-TETRATRIACONTANE

R.T.: 19.611 min
Delta R.T.: -0.001 min
Response: 263669
Conc: 1.49 ug/ml



#16 N-HEXATRIACONTANE

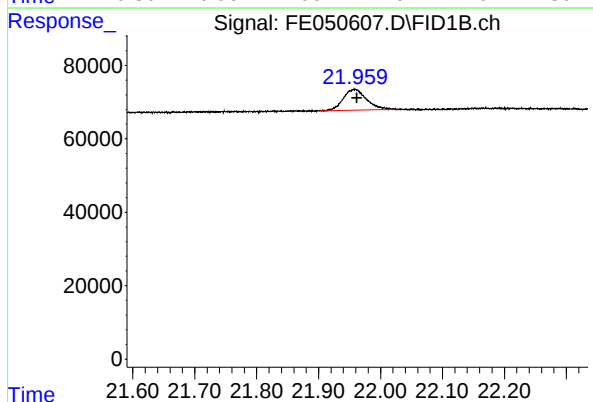
R.T.: 20.350 min
Delta R.T.: -0.002 min
Response: 189789
Conc: 1.11 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.073 min
Delta R.T.: -0.003 min
Response: 161074
Conc: 0.96 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 21.959 min
Delta R.T.: -0.003 min
Response: 147951
Conc: 0.96 ug/ml