

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041023\
 Data File : FE041271.D
 Signal(s) : FID1B.ch
 Acq On : 10 Apr 2023 12:31
 Operator : YP\AJ
 Sample : 02213-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 10 14:15:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE040523.M
 Quant Title :
 QLast Update : Thu Apr 06 02:04:41 2023
 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...	14.929	2555588	20.079 ug/ml
Target Compounds			
1) N-OCTANE	1.983	115785	0.773 ug/ml
2) N-DECANE	4.486	114473	0.772 ug/ml
3) N-DODECANE	6.652	117591	0.775 ug/ml
4) N-TETRADECANE	8.476	133436	0.874 ug/ml
5) N-HEXADECANE	10.081	154233	1.001 ug/ml
6) N-OCTADECANE	11.522	164187	1.073 ug/ml
7) N-EICOSANE	12.831	167018	1.107 ug/ml
8) N-DOCOSANE	14.029	168996	1.169 ug/ml
10) N-TETRACOSANE	15.131	172085	1.205 ug/ml
11) N-HEXACOSANE	16.153	163141	1.173 ug/ml
12) N-OCTACOSANE	17.103	171948	1.252 ug/ml
13) N-TRIACONTANE	17.990	208900	1.529 ug/ml
14) N-DOTRIACONTANE	18.825	244712	1.836 ug/ml
15) N-TETRATRIACONTANE	19.609	227156	1.795 ug/ml
16) N-HEXATRIACONTANE	20.350	208822	1.730 ug/ml
17) N-OCTATRIACONTANE	21.075	208391	1.685 ug/ml
18) N-TETRACONTANE	21.950	196410	1.510 ug/ml

(f)=RT Delta > 1/2 Window

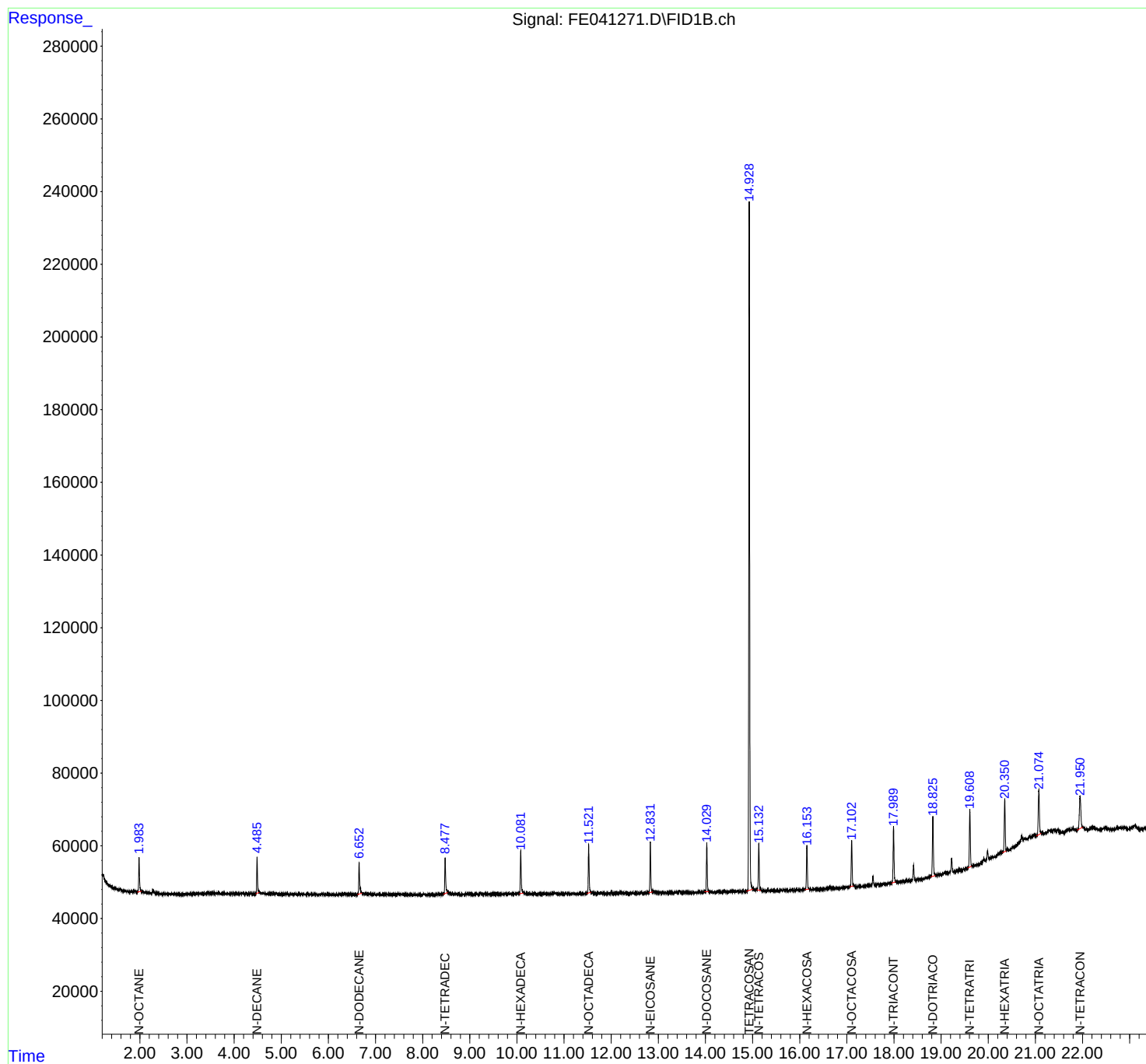
(m)=manual int.

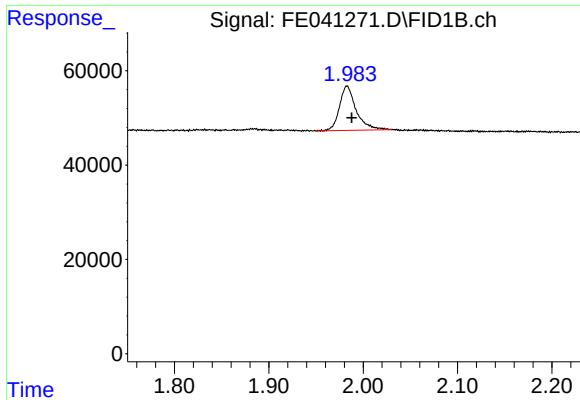
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Signal Info : 20mx0.18mmx0.18um

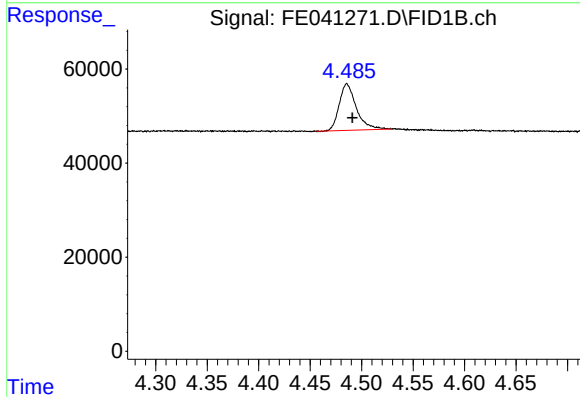




#1 N-OCTANE

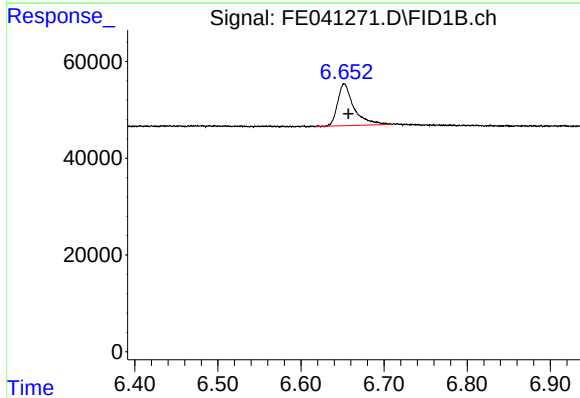
R.T.: 1.983 min
Delta R.T.: -0.005 min
Response: 115785
Conc: 0.77 ug/ml

Instrument :
FID_E
ClientSampleId :



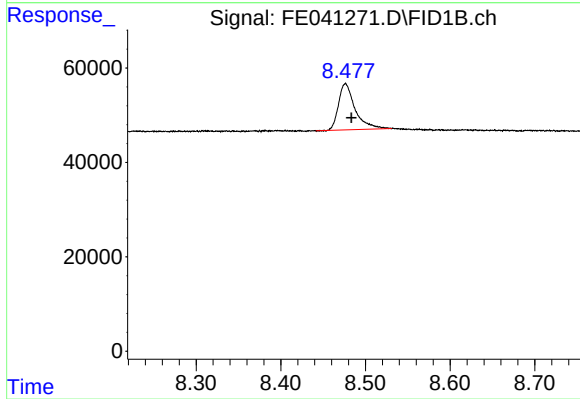
#2 N-DECANE

R.T.: 4.486 min
Delta R.T.: -0.005 min
Response: 114473
Conc: 0.77 ug/ml



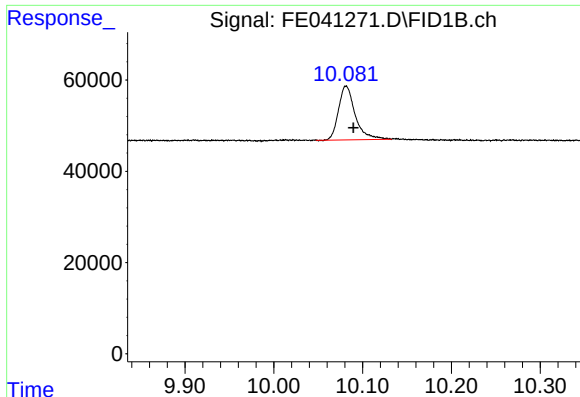
#3 N-DODECANE

R.T.: 6.652 min
Delta R.T.: -0.005 min
Response: 117591
Conc: 0.78 ug/ml



#4 N-TETRADECANE

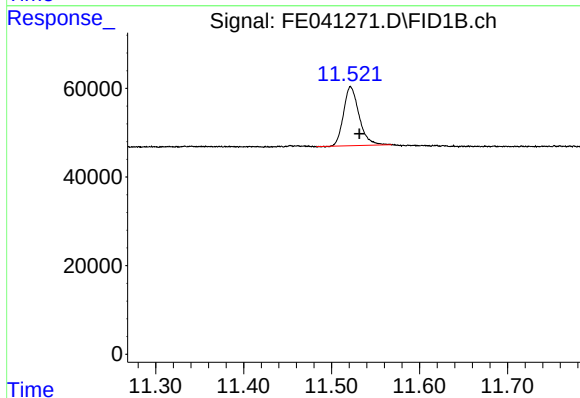
R.T.: 8.476 min
Delta R.T.: -0.007 min
Response: 133436
Conc: 0.87 ug/ml



#5 N-HEXADECANE

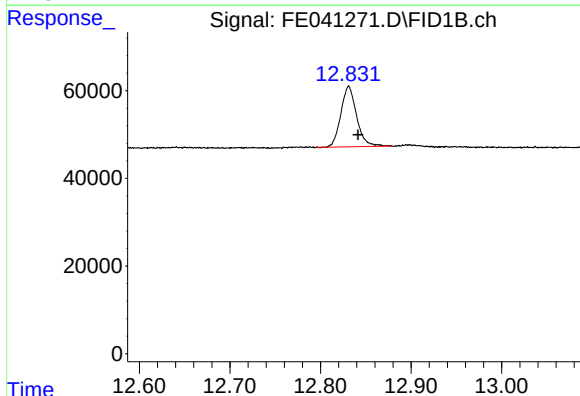
R.T.: 10.081 min
Delta R.T.: -0.008 min
Response: 154233
Conc: 1.00 ug/ml

Instrument :
FID_E
ClientSampleId :



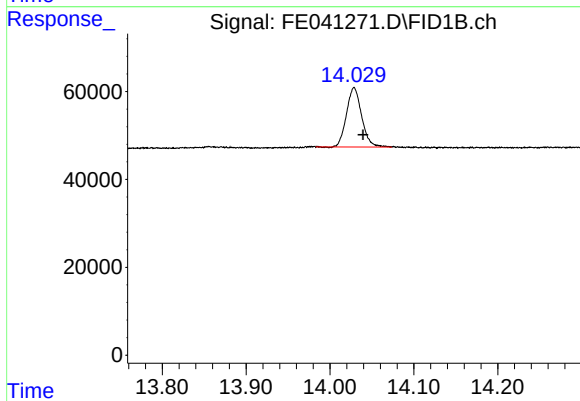
#6 N-OCTADECANE

R.T.: 11.522 min
Delta R.T.: -0.010 min
Response: 164187
Conc: 1.07 ug/ml



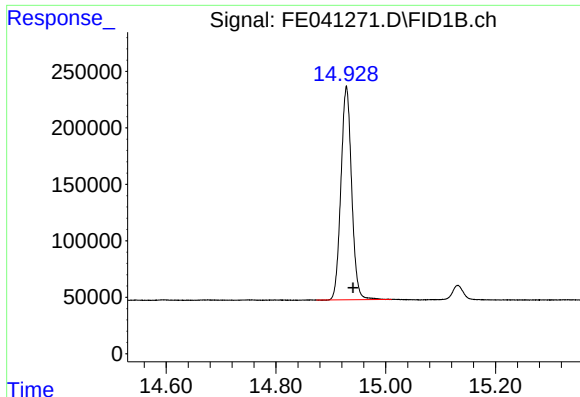
#7 N-EICOSANE

R.T.: 12.831 min
Delta R.T.: -0.010 min
Response: 167018
Conc: 1.11 ug/ml



#8 N-DOCOSANE

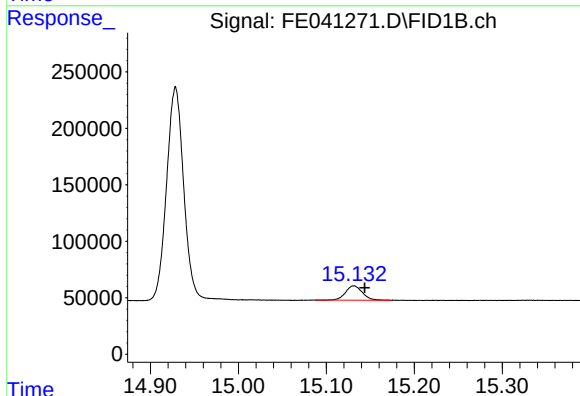
R.T.: 14.029 min
Delta R.T.: -0.011 min
Response: 168996
Conc: 1.17 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

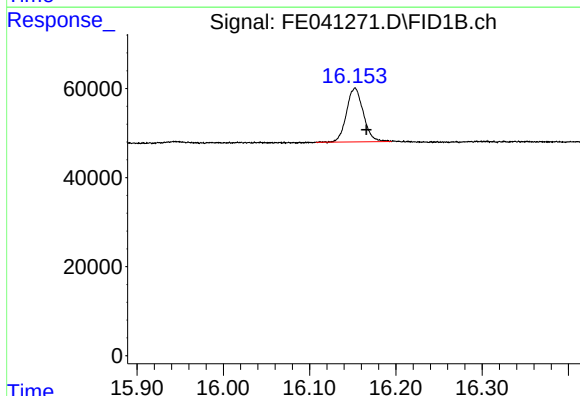
R.T.: 14.929 min
Delta R.T.: -0.012 min
Response: 2555588
Conc: 20.08 ug/ml

Instrument :
FID_E
ClientSampleId :



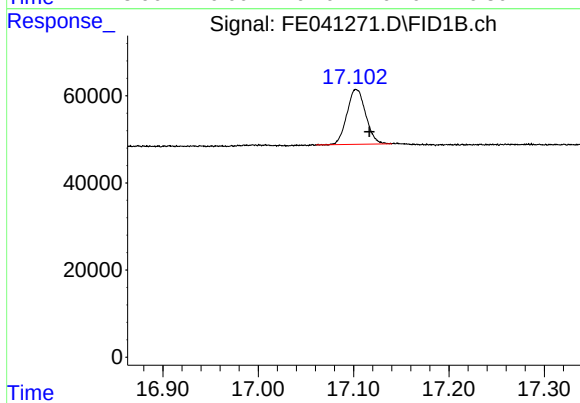
#10 N-TETRACOSANE

R.T.: 15.131 min
Delta R.T.: -0.012 min
Response: 172085
Conc: 1.20 ug/ml



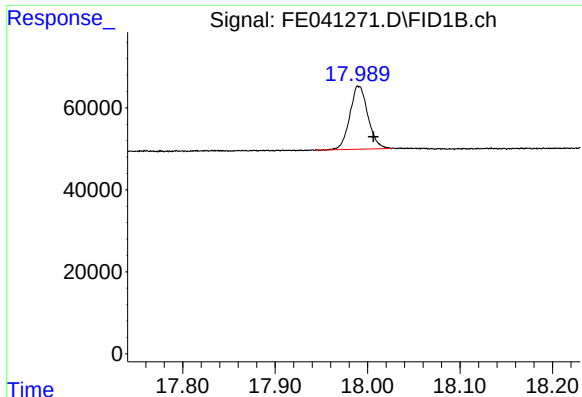
#11 N-HEXACOSANE

R.T.: 16.153 min
Delta R.T.: -0.013 min
Response: 163141
Conc: 1.17 ug/ml



#12 N-OCTACOSANE

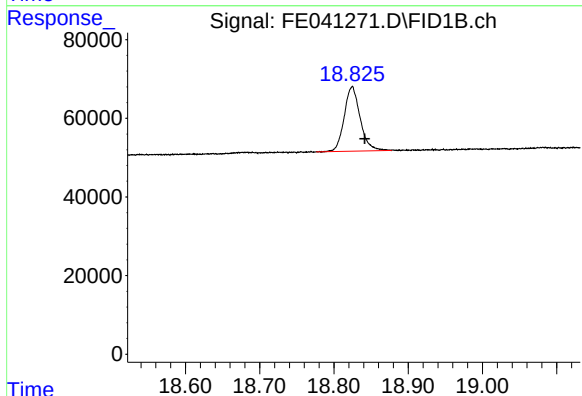
R.T.: 17.103 min
Delta R.T.: -0.014 min
Response: 171948
Conc: 1.25 ug/ml



#13 N-TRIACONTANE

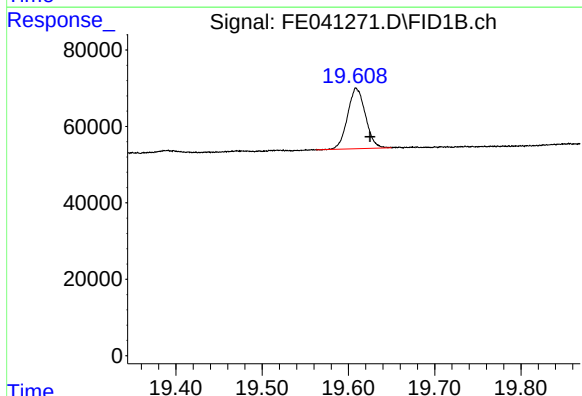
R.T.: 17.990 min
Delta R.T.: -0.016 min
Response: 208900
Conc: 1.53 ug/ml

Instrument :
FID_E
ClientSampleId :



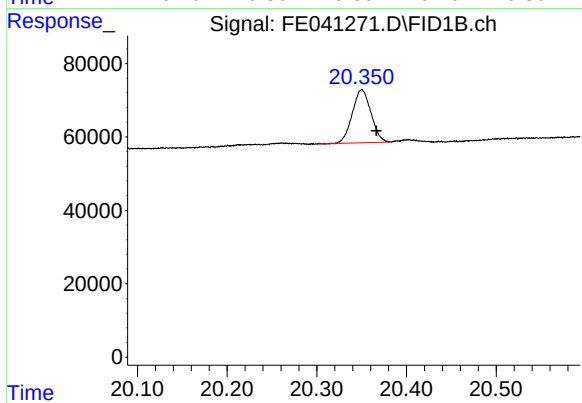
#14 N-DOTRIACONTANE

R.T.: 18.825 min
Delta R.T.: -0.017 min
Response: 244712
Conc: 1.84 ug/ml



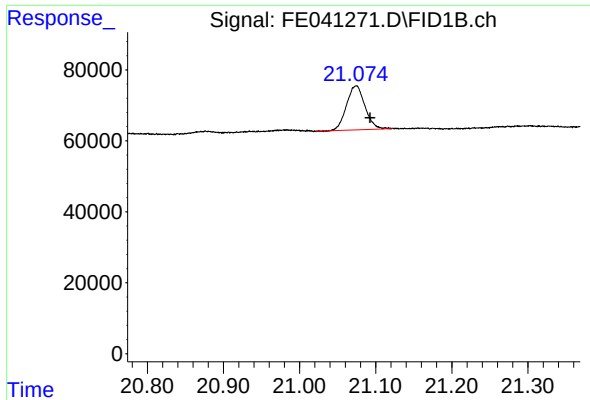
#15 N-TETRATRIACONTANE

R.T.: 19.609 min
Delta R.T.: -0.016 min
Response: 227156
Conc: 1.79 ug/ml



#16 N-HEXATRIACONTANE

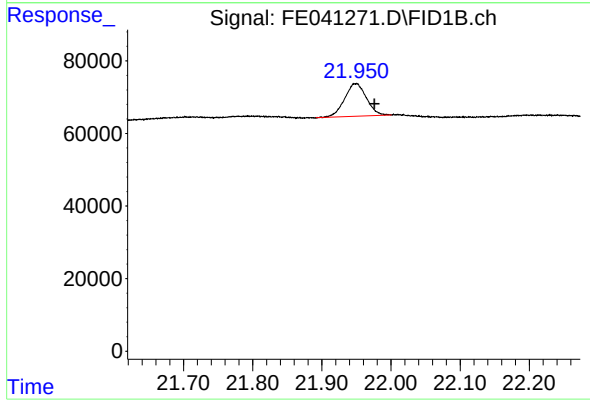
R.T.: 20.350 min
Delta R.T.: -0.016 min
Response: 208822
Conc: 1.73 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.075 min
Delta R.T.: -0.018 min
Response: 208391
Conc: 1.69 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 21.950 min
Delta R.T.: -0.026 min
Response: 196410
Conc: 1.51 ug/ml