

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013125\
 Data File : FE052180.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2025 16:40
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 03 00:11:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE012325.M
 Quant Title :
 QLast Update : Fri Jan 24 03:06:38 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...	15.300	4340391	43.579 ug/ml
Target Compounds			
1) N-OCTANE	2.472f	3848060	45.123 ug/ml
2) N-DECANE	4.966f	4142020	45.266 ug/ml
3) N-DODECANE	7.091f	4467752	44.715 ug/ml
4) N-TETRADECANE	8.893f	4500991	44.237 ug/ml
5) N-HEXADECANE	10.485	4687325	43.988 ug/ml
6) N-OCTADECANE	11.916	4920557	43.886 ug/ml
7) N-EICOSANE	13.216	4863865	43.669 ug/ml
8) N-DOCOSANE	14.407	4819958	43.411 ug/ml
10) N-TETRACOSANE	15.504	4835161	43.713 ug/ml
11) N-HEXACOSANE	16.518	4750373	43.578 ug/ml
12) N-OCTACOSANE	17.465	4754852	44.051 ug/ml
13) N-TRIACONTANE	18.348	4789851	44.640 ug/ml
14) N-DOTRIACONTANE	19.176	4704363	45.054 ug/ml
15) N-TETRATRIACONTANE	19.910	12551	0.134 ug/ml
16) N-HEXATRIACONTANE	20.643	35980	0.446 ug/ml
17) N-OCTATRIACONTANE	21.435	14000	0.188 ug/ml
18) N-TETRACONTANE	22.431	96267	1.307 ug/ml

(f)=RT Delta > 1/2 Window

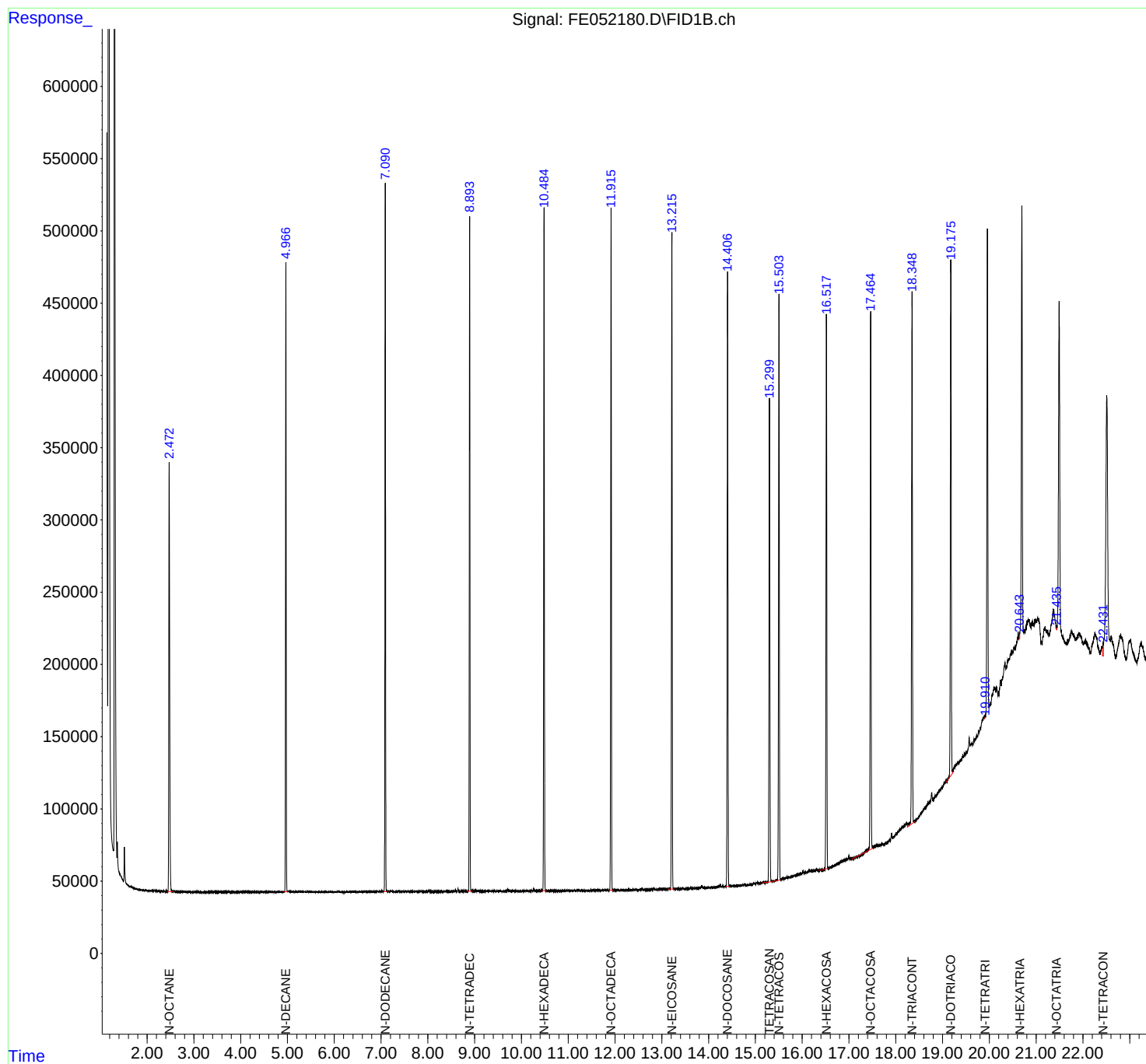
(m)=manual int.

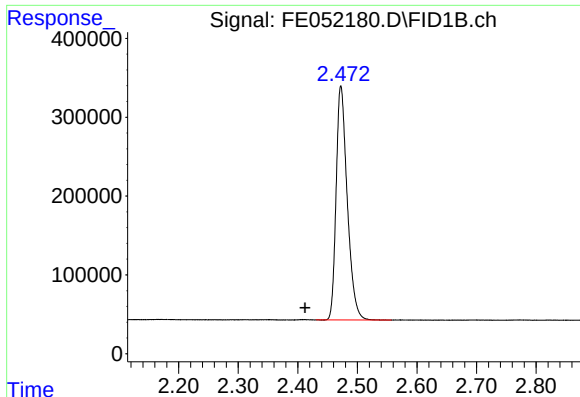
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Signal Info : 20mx0.18mmx0.18um

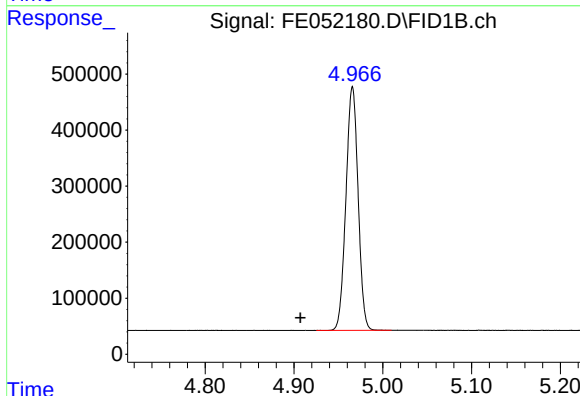




#1 N-OCTANE

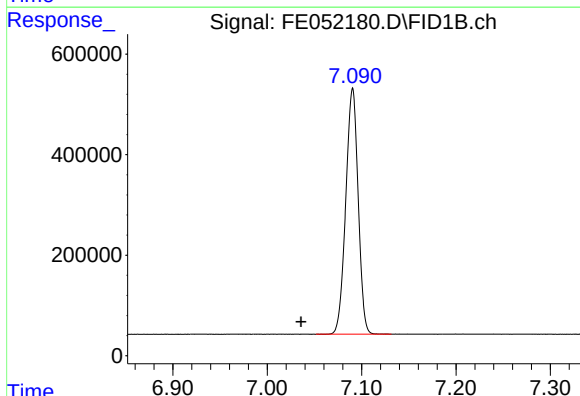
R.T.: 2.472 min
Delta R.T.: 0.060 min
Response: 3848060
Conc: 45.12 ug/ml

Instrument :
FID_E
ClientSampleId :



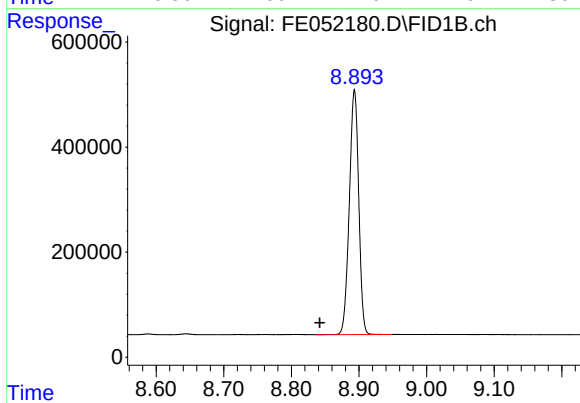
#2 N-DECANE

R.T.: 4.966 min
Delta R.T.: 0.059 min
Response: 4142020
Conc: 45.27 ug/ml



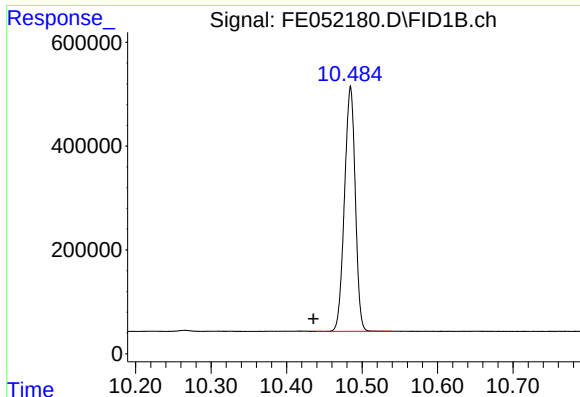
#3 N-DODECANE

R.T.: 7.091 min
Delta R.T.: 0.055 min
Response: 4467752
Conc: 44.72 ug/ml



#4 N-TETRADECANE

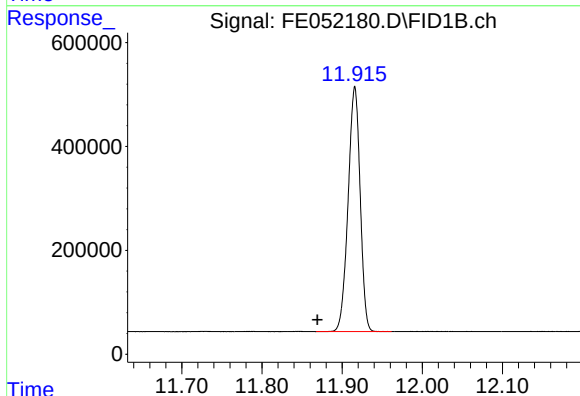
R.T.: 8.893 min
Delta R.T.: 0.052 min
Response: 4500991
Conc: 44.24 ug/ml



#5 N-HEXADECANE

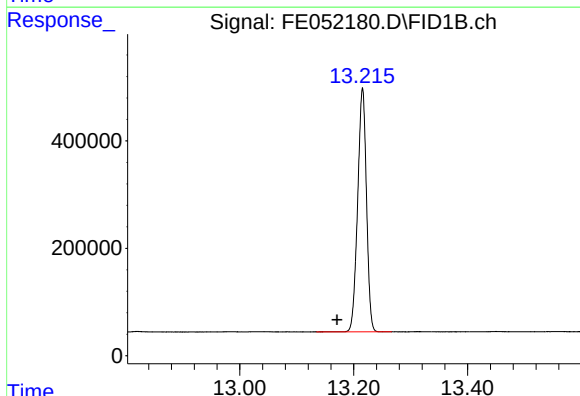
R.T.: 10.485 min
Delta R.T.: 0.049 min
Response: 4687325
Conc: 43.99 ug/ml

Instrument :
FID_E
ClientSampleId :



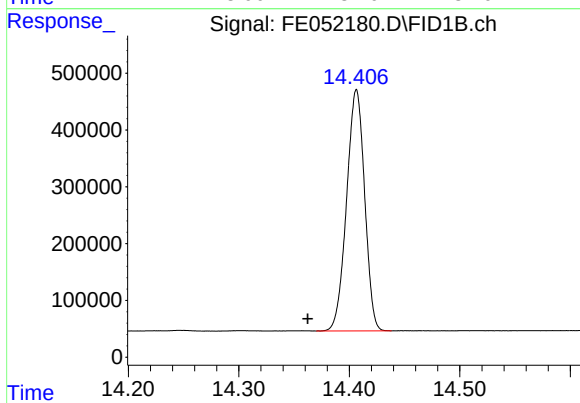
#6 N-OCTADECANE

R.T.: 11.916 min
Delta R.T.: 0.047 min
Response: 4920557
Conc: 43.89 ug/ml



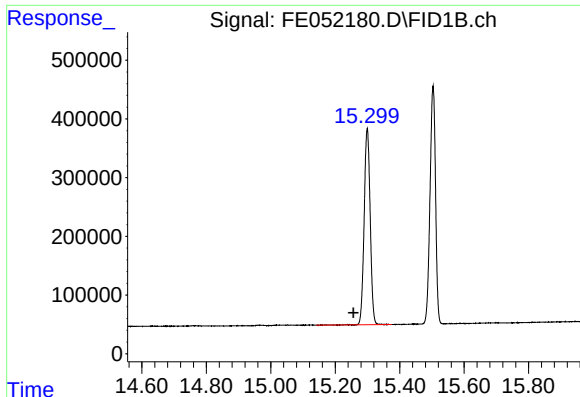
#7 N-EICOSANE

R.T.: 13.216 min
Delta R.T.: 0.045 min
Response: 4863865
Conc: 43.67 ug/ml



#8 N-DOCOSANE

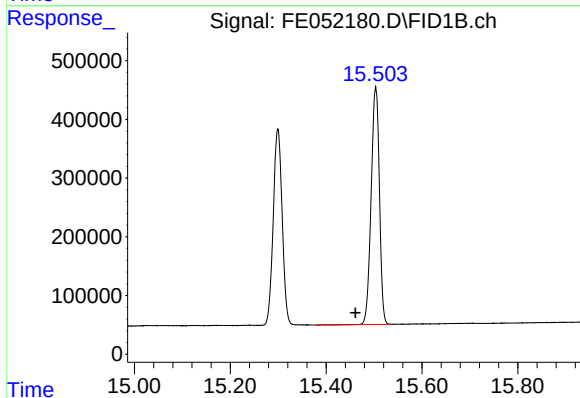
R.T.: 14.407 min
Delta R.T.: 0.044 min
Response: 4819958
Conc: 43.41 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

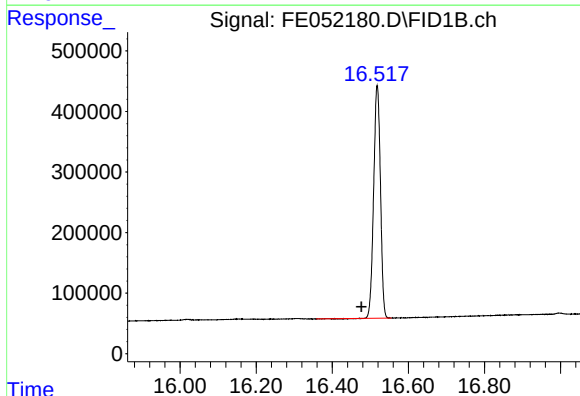
R.T.: 15.300 min
Delta R.T.: 0.043 min
Response: 4340391
Conc: 43.58 ug/ml

Instrument :
FID_E
ClientSampleId :



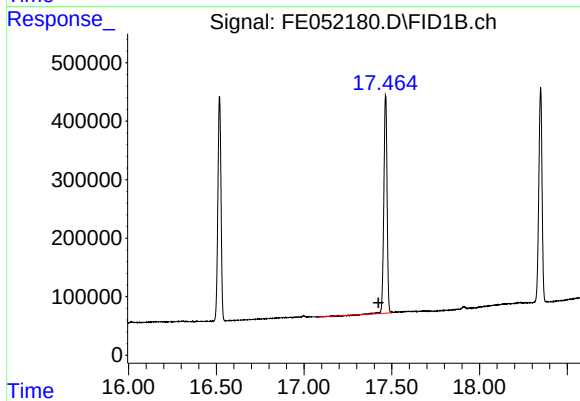
#10 N-TETRACOSANE

R.T.: 15.504 min
Delta R.T.: 0.043 min
Response: 4835161
Conc: 43.71 ug/ml



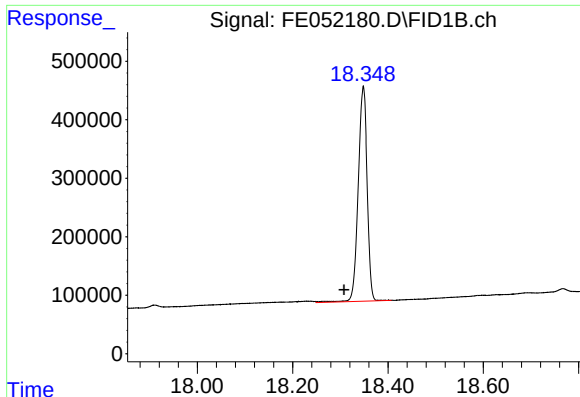
#11 N-HEXACOSANE

R.T.: 16.518 min
Delta R.T.: 0.041 min
Response: 4750373
Conc: 43.58 ug/ml



#12 N-OCTACOSANE

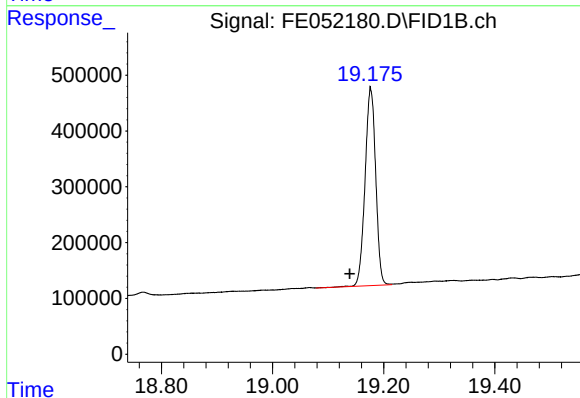
R.T.: 17.465 min
Delta R.T.: 0.041 min
Response: 4754852
Conc: 44.05 ug/ml



#13 N-TRIACONTANE

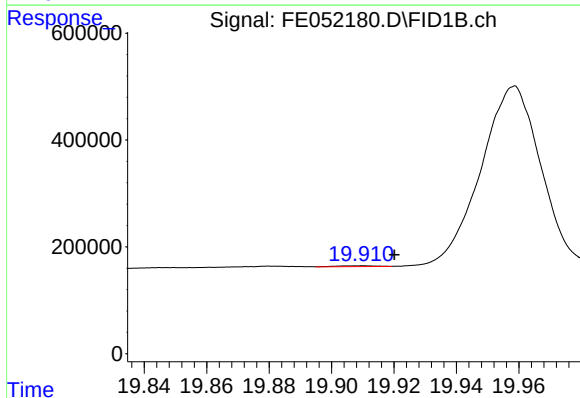
R.T.: 18.348 min
Delta R.T.: 0.040 min
Response: 4789851
Conc: 44.64 ug/ml

Instrument :
FID_E
ClientSampleId :



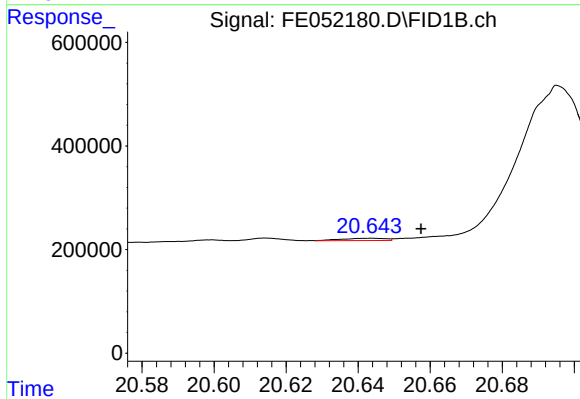
#14 N-DOTRIACONTANE

R.T.: 19.176 min
Delta R.T.: 0.038 min
Response: 4704363
Conc: 45.05 ug/ml



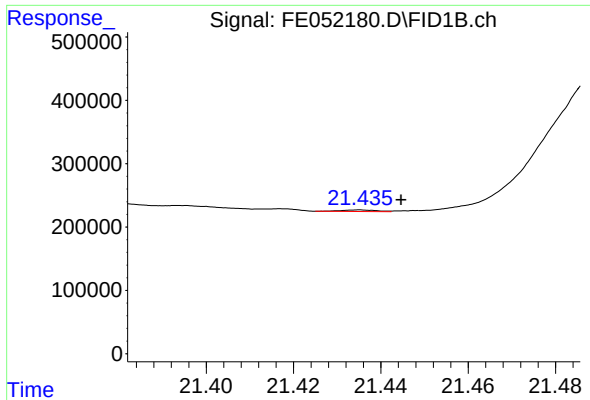
#15 N-TETRATRIACONTANE

R.T.: 19.910 min
Delta R.T.: -0.010 min
Response: 12551
Conc: 0.13 ug/ml



#16 N-HEXATRIACONTANE

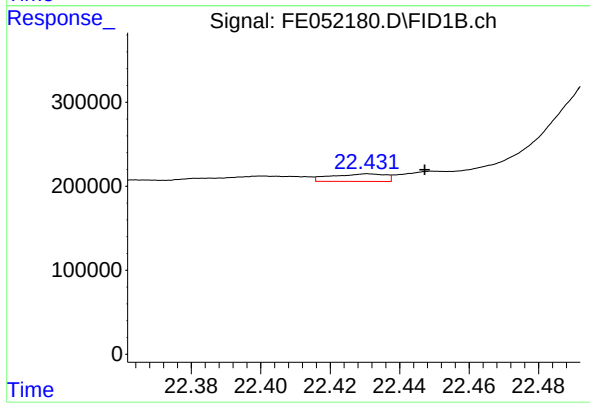
R.T.: 20.643 min
Delta R.T.: -0.014 min
Response: 35980
Conc: 0.45 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.435 min
Delta R.T.: -0.010 min
Response: 14000
Conc: 0.19 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.431 min
Delta R.T.: -0.016 min
Response: 96267
Conc: 1.31 ug/ml