

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083123\
 Data File : FE044071.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2023 20:30
 Operator : YP\AJ
 Sample : 03572-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 01 00:27:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE083023.M
 Quant Title :
 QLast Update : Thu Aug 31 02:43:19 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...	15.023	2807615	19.151 ug/ml
Target Compounds			
1) N-OCTANE	2.043	803786	4.944 ug/ml
2) N-DECANE	4.571	876049	5.196 ug/ml
3) N-DODECANE	6.736	889154	5.220 ug/ml
4) N-TETRADECANE	8.561	895032	5.203 ug/ml
5) N-HEXADECANE	10.169	900539	5.222 ug/ml
6) N-OCTADECANE	11.613	900882	5.186 ug/ml
7) N-EICOSANE	12.924	889014	5.207 ug/ml
8) N-DOCOSANE	14.122	860607	5.123 ug/ml
10) N-TETRACOSANE	15.226	847342	5.132 ug/ml
11) N-HEXACOSANE	16.247	825381	5.132 ug/ml
12) N-OCTACOSANE	17.198	807845	5.168 ug/ml
13) N-TRIACONTANE	18.086	821701	5.489 ug/ml
14) N-DOTRIACONTANE	18.920	805528	5.920 ug/ml
15) N-TETRATRIACONTANE	19.705	730148	6.063 ug/ml
16) N-HEXATRIACONTANE	20.446	603061	5.676 ug/ml
17) N-OCTATRIACONTANE	21.186	521204	5.223 ug/ml
18) N-TETRACONTANE	22.111	457622	4.771 ug/ml

(f)=RT Delta > 1/2 Window

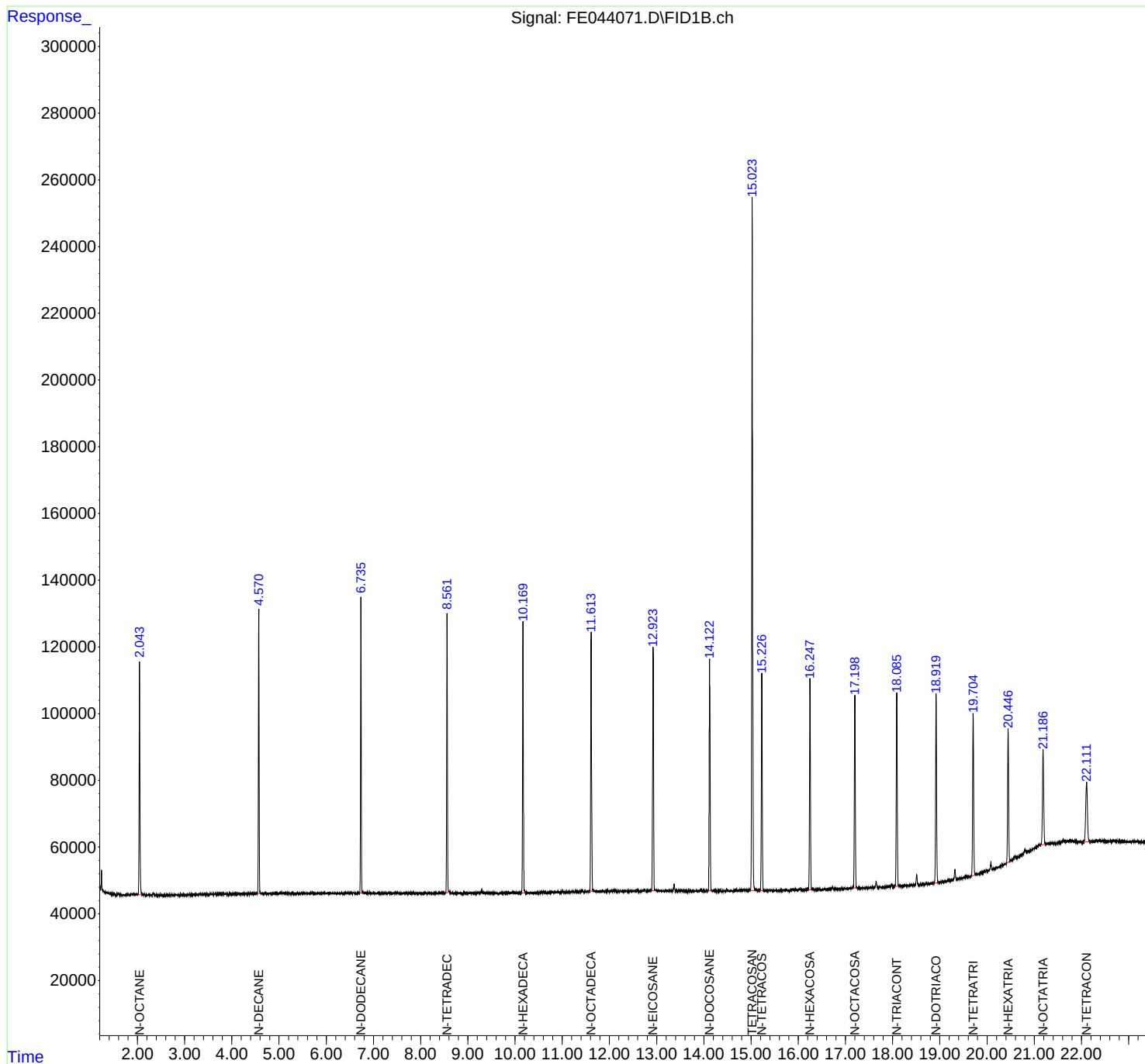
(m)=manual int.

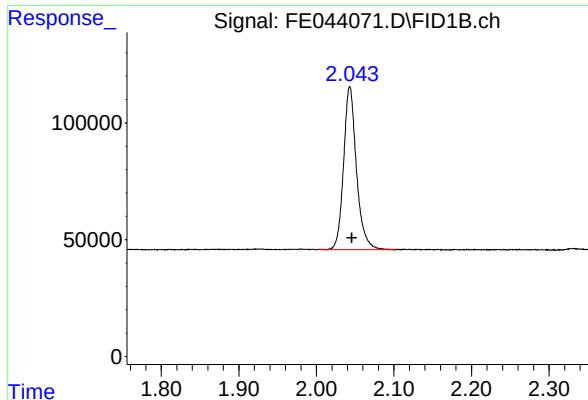
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Signal Info : 20mx0.18mmx0.18um

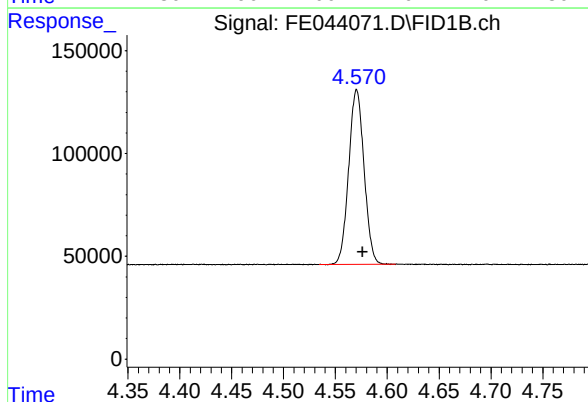




#1 N-OCTANE

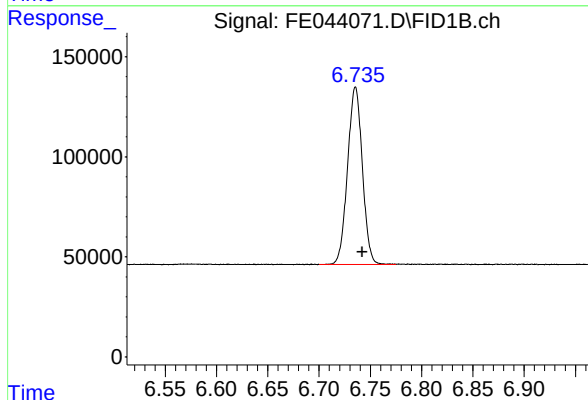
R.T.: 2.043 min
Delta R.T.: -0.003 min
Response: 803786
Conc: 4.94 ug/ml

Instrument :
FID_E
ClientSampleId :



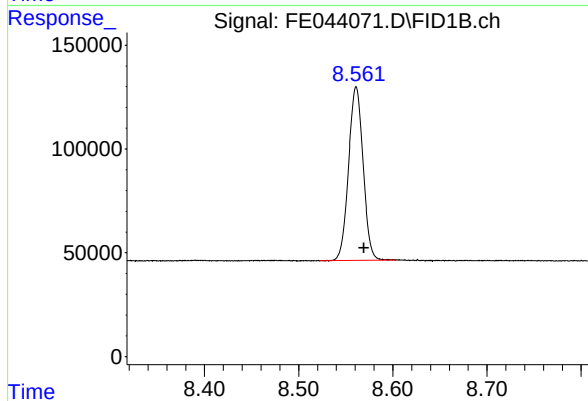
#2 N-DECANE

R.T.: 4.571 min
Delta R.T.: -0.006 min
Response: 876049
Conc: 5.20 ug/ml



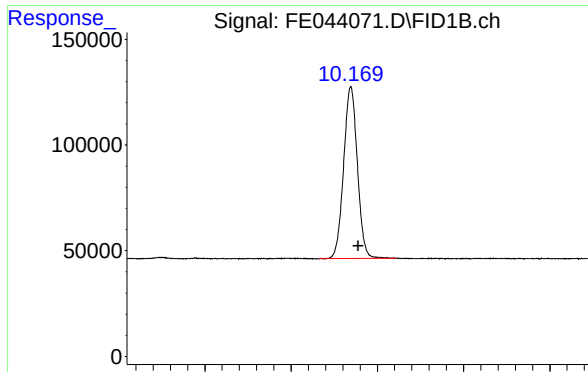
#3 N-DODECANE

R.T.: 6.736 min
Delta R.T.: -0.007 min
Response: 889154
Conc: 5.22 ug/ml



#4 N-TETRADECANE

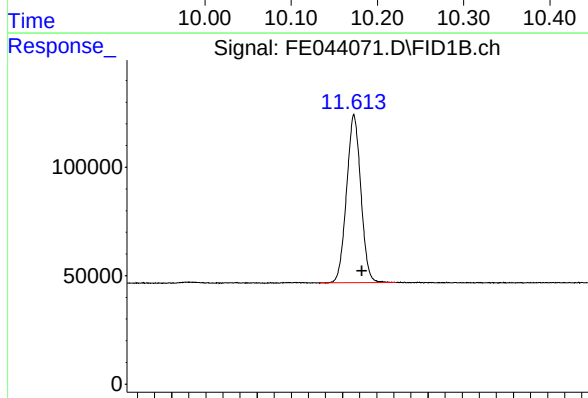
R.T.: 8.561 min
Delta R.T.: -0.008 min
Response: 895032
Conc: 5.20 ug/ml



#5 N-HEXADECANE

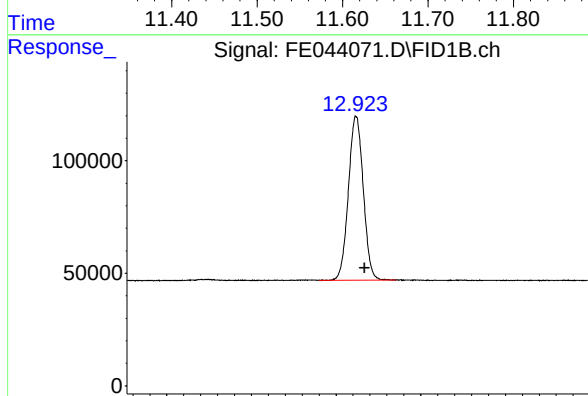
R.T.: 10.169 min
Delta R.T.: -0.009 min
Response: 900539
Conc: 5.22 ug/ml

Instrument : FID_E
ClientSampleId :



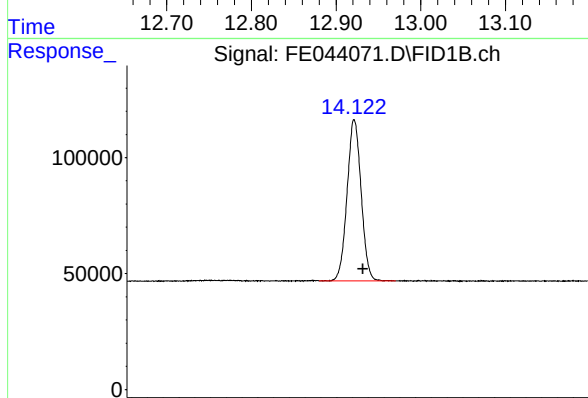
#6 N-OCTADECANE

R.T.: 11.613 min
Delta R.T.: -0.009 min
Response: 900882
Conc: 5.19 ug/ml



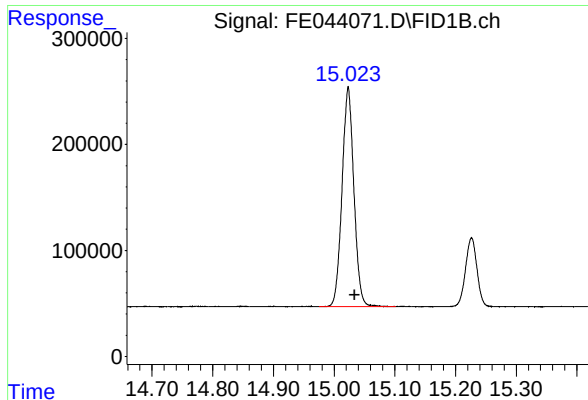
#7 N-EICOSANE

R.T.: 12.924 min
Delta R.T.: -0.010 min
Response: 889014
Conc: 5.21 ug/ml



#8 N-DOCOSANE

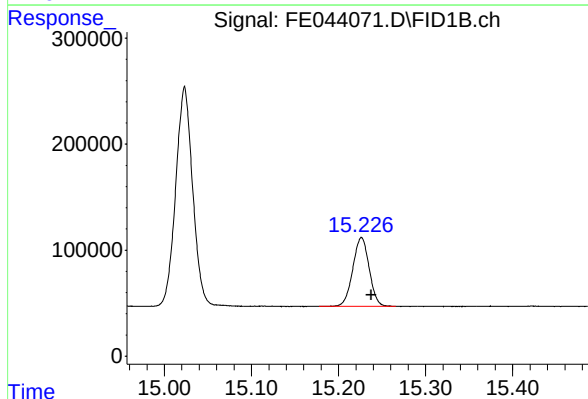
R.T.: 14.122 min
Delta R.T.: -0.011 min
Response: 860607
Conc: 5.12 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

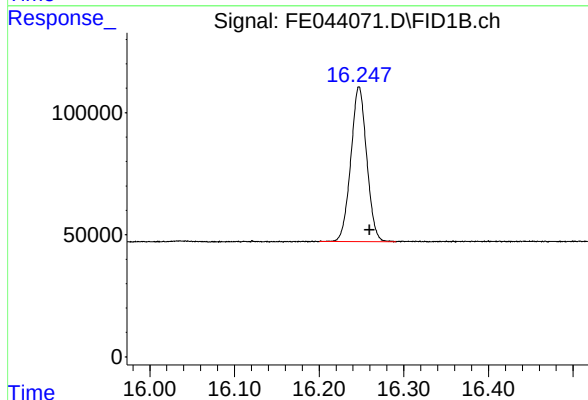
R.T.: 15.023 min
Delta R.T.: -0.010 min
Response: 2807615
Conc: 19.15 ug/ml

Instrument :
FID_E
ClientSampleId :



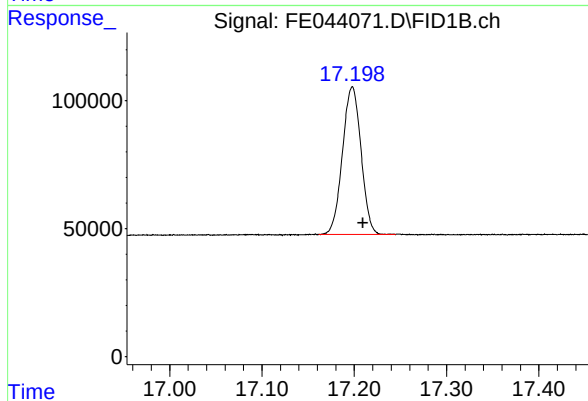
#10 N-TETRACOSANE

R.T.: 15.226 min
Delta R.T.: -0.011 min
Response: 847342
Conc: 5.13 ug/ml



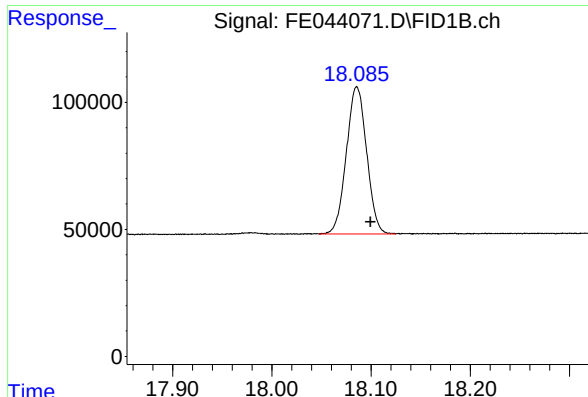
#11 N-HEXACOSANE

R.T.: 16.247 min
Delta R.T.: -0.013 min
Response: 825381
Conc: 5.13 ug/ml



#12 N-OCTACOSANE

R.T.: 17.198 min
Delta R.T.: -0.012 min
Response: 807845
Conc: 5.17 ug/ml



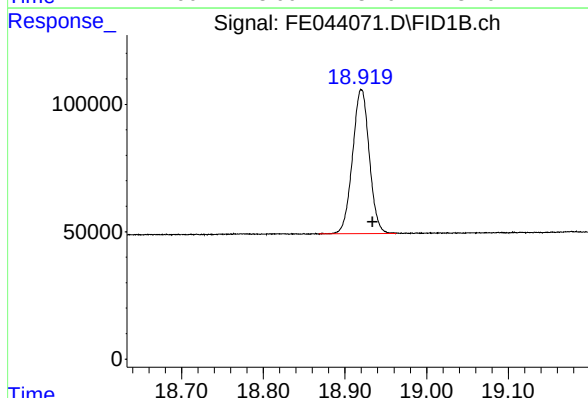
#13 N-TRIACONTANE

R.T.: 18.086 min
Delta R.T.: -0.014 min
Response: 821701
Conc: 5.49 ug/ml

Instrument :

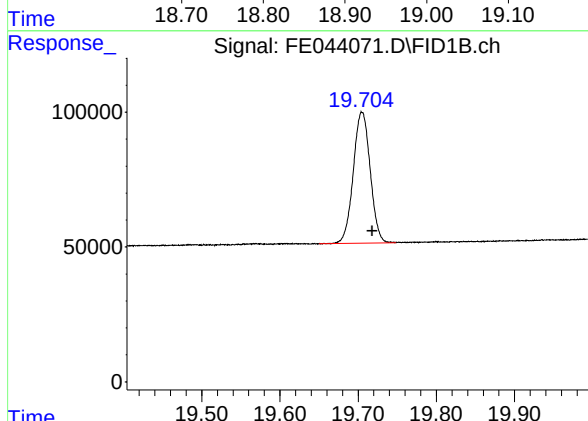
FID_E

ClientSampleId :



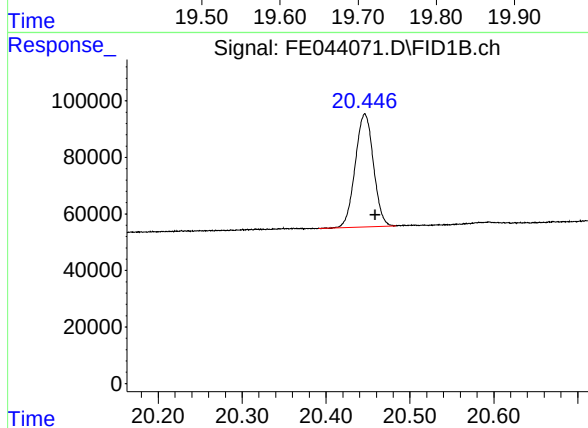
#14 N-DOTRIACONTANE

R.T.: 18.920 min
Delta R.T.: -0.013 min
Response: 805528
Conc: 5.92 ug/ml



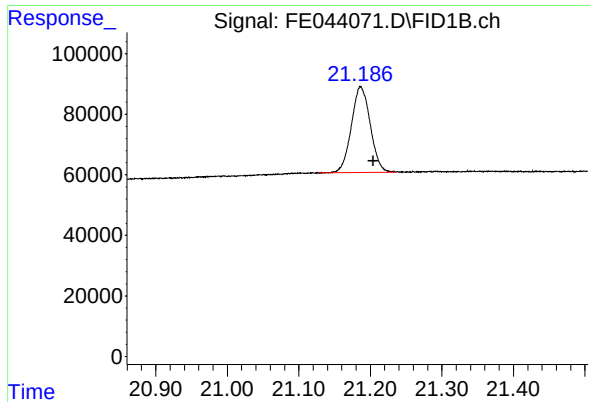
#15 N-TETRATRIACONTANE

R.T.: 19.705 min
Delta R.T.: -0.013 min
Response: 730148
Conc: 6.06 ug/ml



#16 N-HEXATRIACONTANE

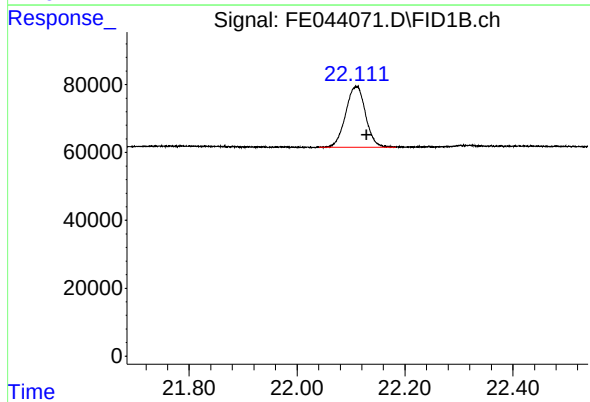
R.T.: 20.446 min
Delta R.T.: -0.013 min
Response: 603061
Conc: 5.68 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.186 min
Delta R.T.: -0.018 min
Response: 521204
Conc: 5.22 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.111 min
Delta R.T.: -0.018 min
Response: 457622
Conc: 4.77 ug/ml