

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083123\
 Data File : FE044057.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2023 12:50
 Operator : YP\AJ
 Sample : 03572-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-04-QT3-2023

Integration File: autoint1.e
 Quant Time: Sep 01 00:25:17 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...	15.027	2981671	20.338 ug/ml
Target Compounds			
1) N-OCTANE	2.046	395021	2.429 ug/ml
2) N-DECANE	4.572	445497	2.642 ug/ml
3) N-DODECANE	6.737	452229	2.655 ug/ml
4) N-TETRADECANE	8.563	459191	2.669 ug/ml
5) N-HEXADECANE	10.171	458617	2.660 ug/ml
6) N-OCTADECANE	11.615	461712	2.658 ug/ml
7) N-EICOSANE	12.926	455294	2.666 ug/ml
8) N-DOCOSANE	14.125	443040	2.637 ug/ml
10) N-TETRACOSANE	15.228	438900	2.658 ug/ml
11) N-HEXACOSANE	16.251	427837	2.660 ug/ml
12) N-OCTACOSANE	17.202	428002	2.738 ug/ml
13) N-TRIACONTANE	18.090	450999	3.013 ug/ml
14) N-DOTRIACONTANE	18.925	450710	3.312 ug/ml
15) N-TETRATRIACONTANE	19.708	399180	3.315 ug/ml
16) N-HEXATRIACONTANE	20.450	316705	2.981 ug/ml
17) N-OCTATRIACONTANE	21.193	265321	2.659 ug/ml
18) N-TETRACONTANE	22.114	221961	2.314 ug/ml

(f)=RT Delta > 1/2 Window

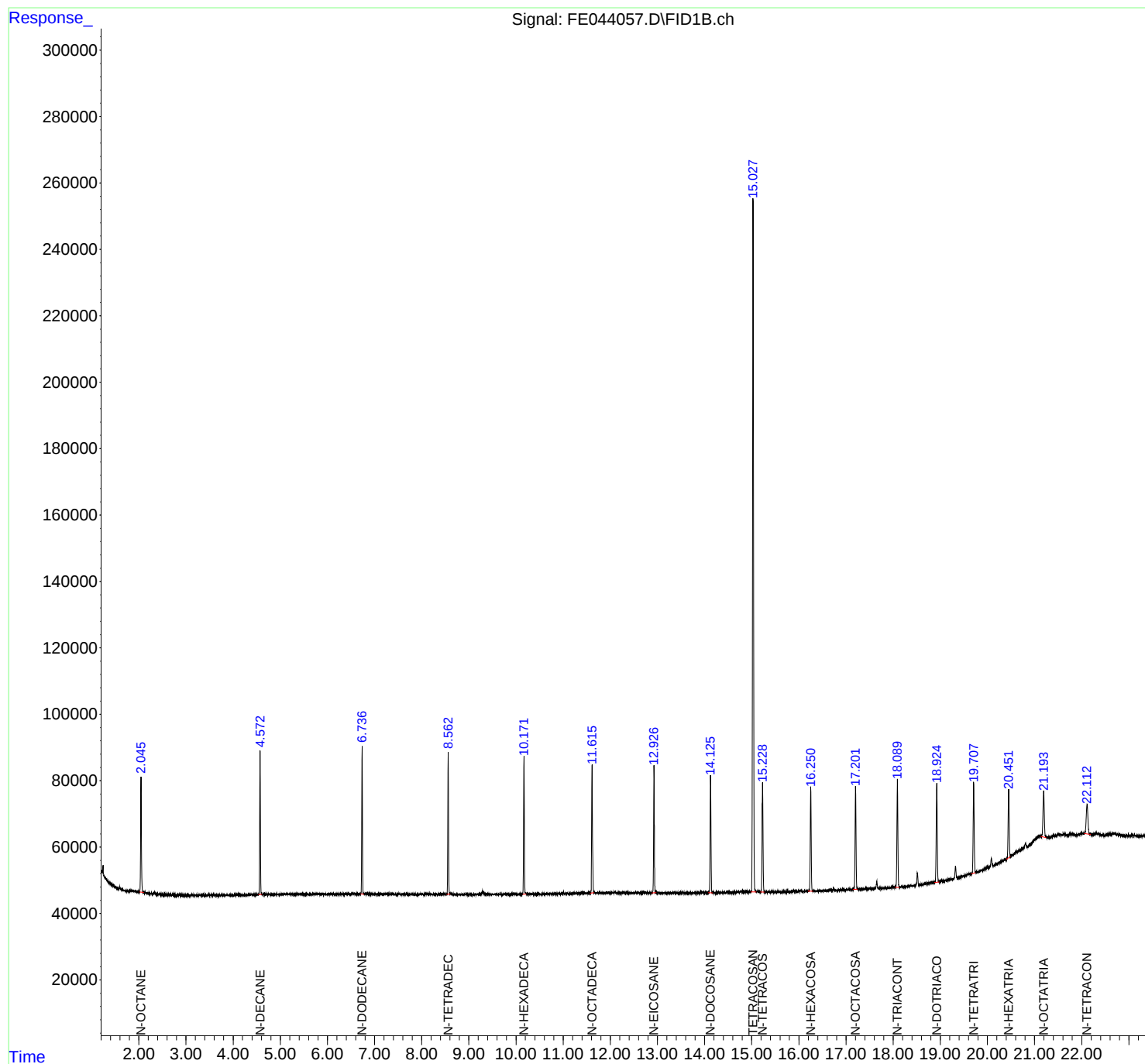
(m)=manual int.

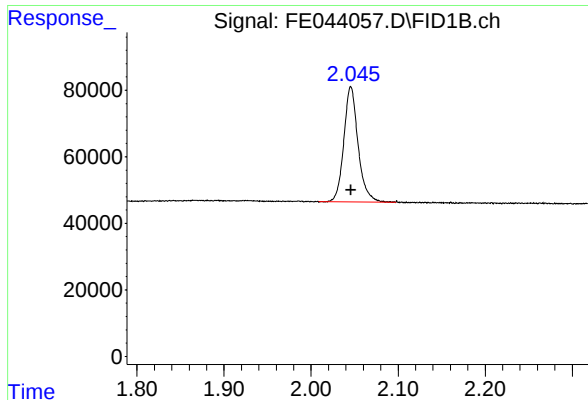
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Signal Info : 20mx0.18mmx0.18um

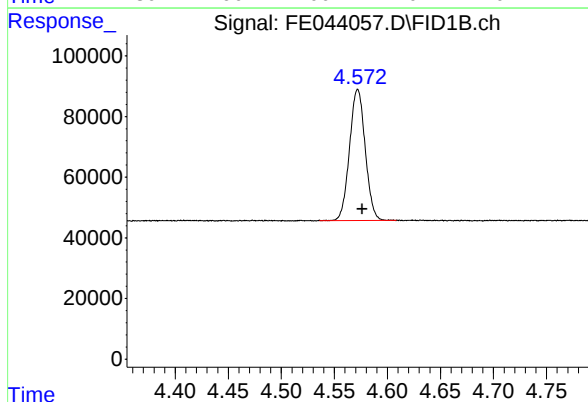




#1 N-OCTANE

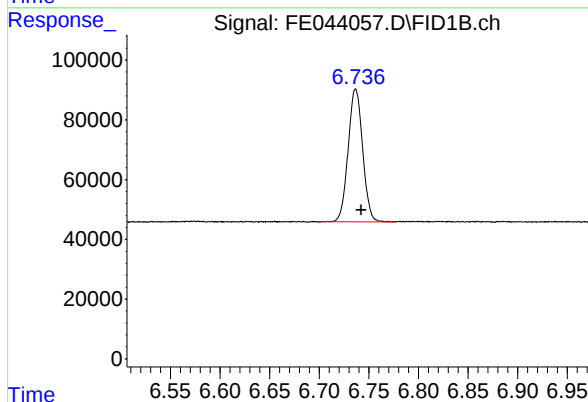
R.T.: 2.046 min
Delta R.T.: 0.000 min
Response: 395021
Conc: 2.43 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2023



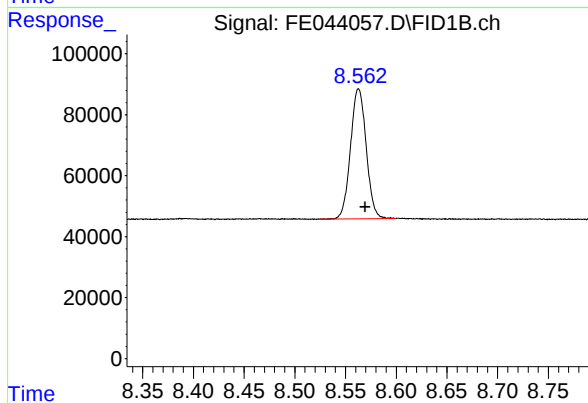
#2 N-DECANE

R.T.: 4.572 min
Delta R.T.: -0.004 min
Response: 445497
Conc: 2.64 ug/ml



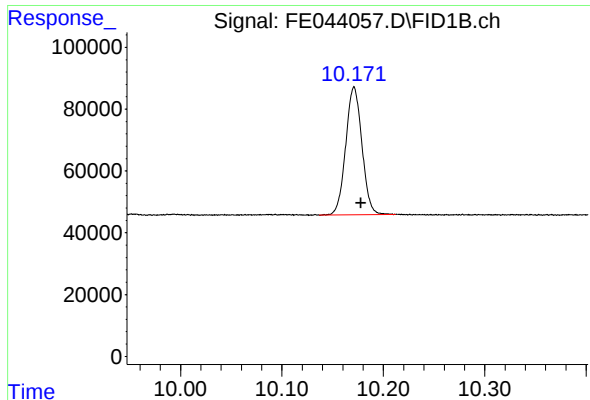
#3 N-DODECANE

R.T.: 6.737 min
Delta R.T.: -0.006 min
Response: 452229
Conc: 2.65 ug/ml



#4 N-TETRADECANE

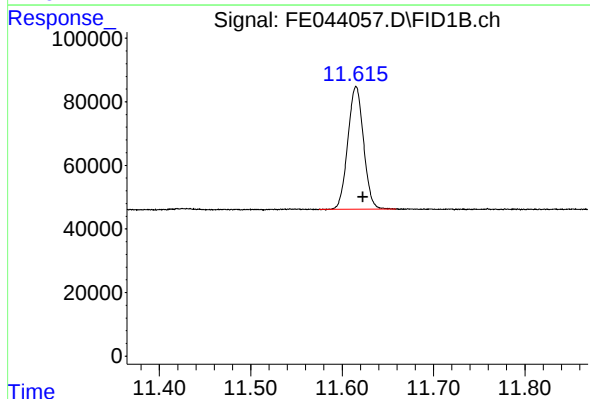
R.T.: 8.563 min
Delta R.T.: -0.006 min
Response: 459191
Conc: 2.67 ug/ml



#5 N-HEXADECANE

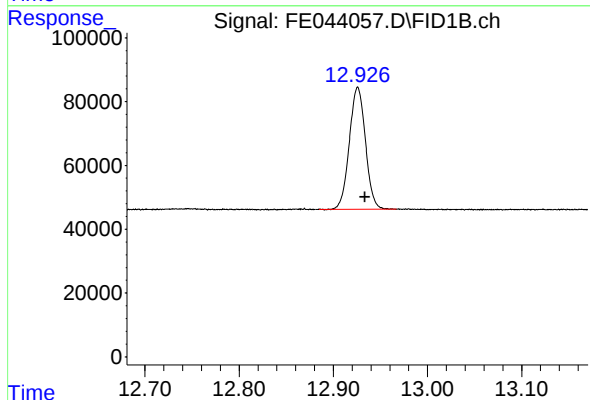
R.T.: 10.171 min
Delta R.T.: -0.007 min
Response: 458617
Conc: 2.66 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2023



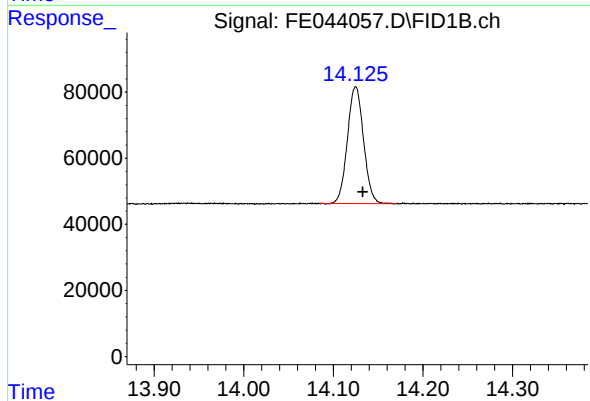
#6 N-OCTADECANE

R.T.: 11.615 min
Delta R.T.: -0.007 min
Response: 461712
Conc: 2.66 ug/ml



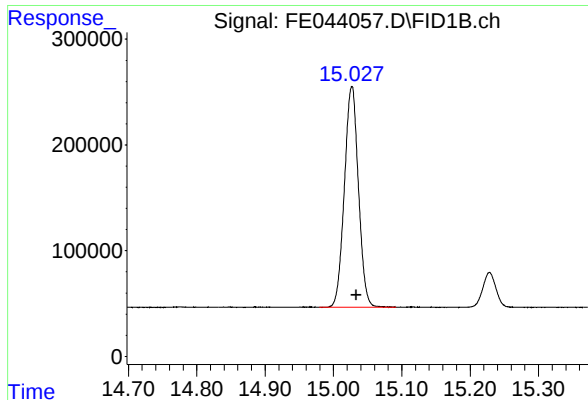
#7 N-EICOSANE

R.T.: 12.926 min
Delta R.T.: -0.008 min
Response: 455294
Conc: 2.67 ug/ml



#8 N-DOCOSANE

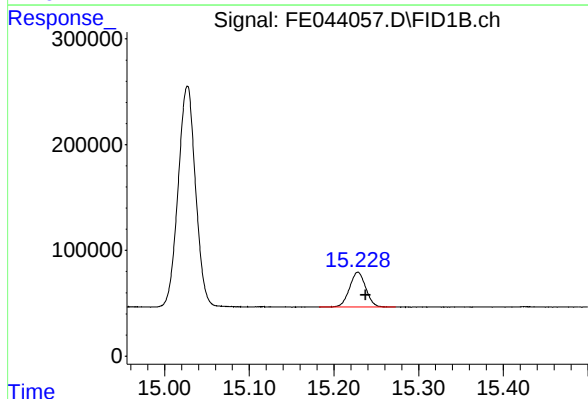
R.T.: 14.125 min
Delta R.T.: -0.008 min
Response: 443040
Conc: 2.64 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

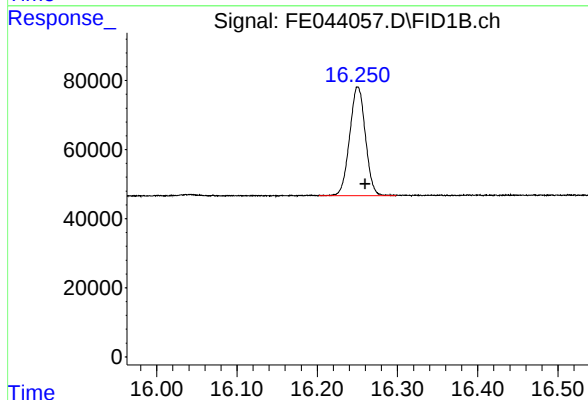
R.T.: 15.027 min
Delta R.T.: -0.006 min
Response: 2981671
Conc: 20.34 ug/ml

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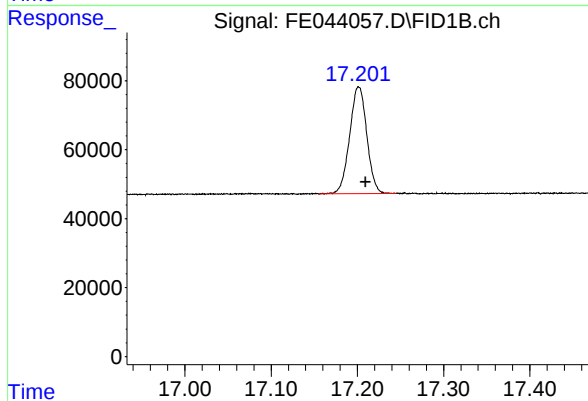
#10 N-TETRACOSANE

R.T.: 15.228 min
Delta R.T.: -0.009 min
Response: 438900
Conc: 2.66 ug/ml



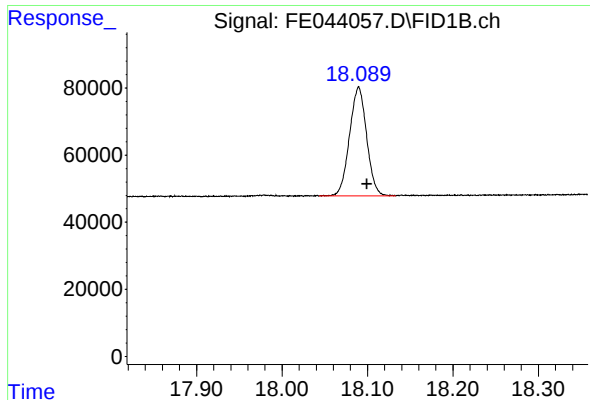
#11 N-HEXACOSANE

R.T.: 16.251 min
Delta R.T.: -0.009 min
Response: 427837
Conc: 2.66 ug/ml



#12 N-OCTACOSANE

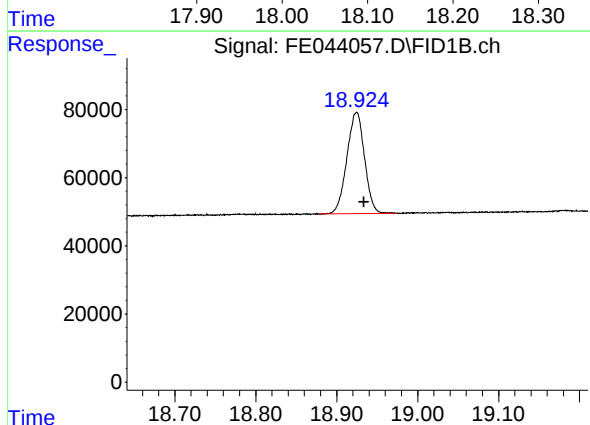
R.T.: 17.202 min
Delta R.T.: -0.008 min
Response: 428002
Conc: 2.74 ug/ml



#13 N-TRIACONTANE

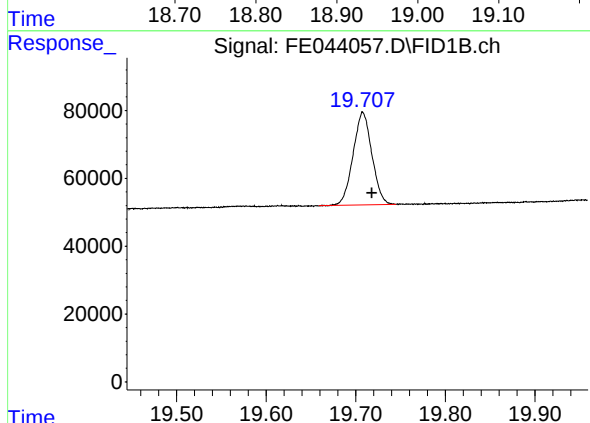
R.T.: 18.090 min
Delta R.T.: -0.010 min
Response: 450999
Conc: 3.01 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2023



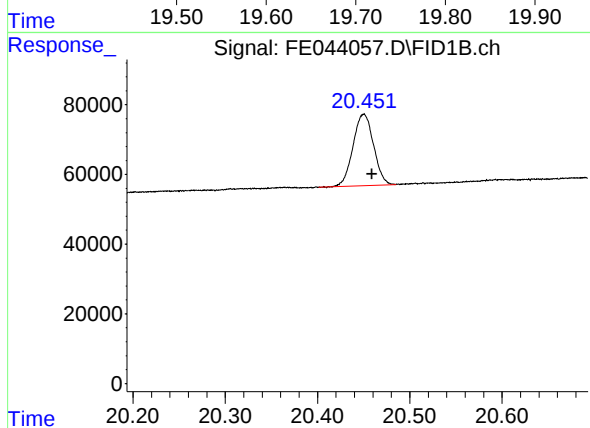
#14 N-DOTRIACONTANE

R.T.: 18.925 min
Delta R.T.: -0.009 min
Response: 450710
Conc: 3.31 ug/ml



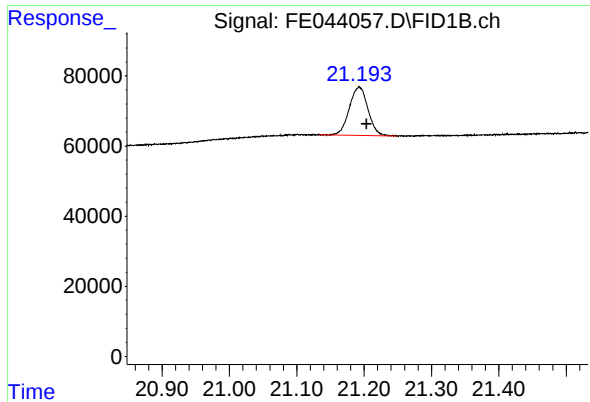
#15 N-TETRATRIACONTANE

R.T.: 19.708 min
Delta R.T.: -0.010 min
Response: 399180
Conc: 3.31 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.450 min
Delta R.T.: -0.009 min
Response: 316705
Conc: 2.98 ug/ml



#17 N-OCTATRIACONTANE

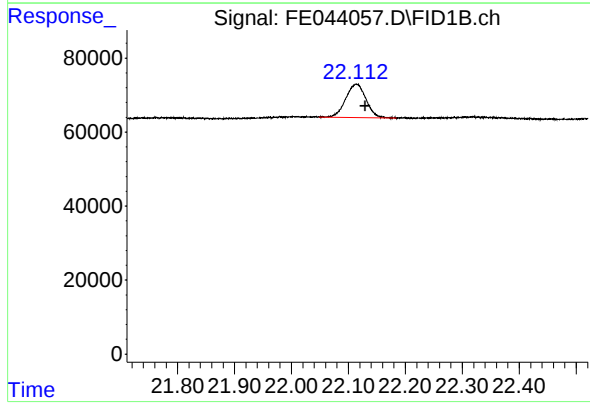
R.T.: 21.193 min
Delta R.T.: -0.011 min
Response: 265321
Conc: 2.66 ug/ml

Instrument :

FID_E

ClientSampleId :

LOD-MDL-SOIL-04-QT3-2023



#18 N-TETRACONTANE

R.T.: 22.114 min
Delta R.T.: -0.016 min
Response: 221961
Conc: 2.31 ug/ml