

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080224\
 Data File : FE049413.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2024 00:56
 Operator : YP\AJ
 Sample : P3390-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-04-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 03 03:23:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE072924.M
 Quant Title :
 QLast Update : Tue Jul 30 04:50:04 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...	14.985	2333061	18.244 ug/ml
Target Compounds			
1) N-OCTANE	2.019	419692	2.987 ug/ml
2) N-DECANE	4.535	468276	3.341 ug/ml
3) N-DODECANE	6.703	449593	3.164 ug/ml
4) N-TETRADECANE	8.531	498387	3.521 ug/ml
5) N-HEXADECANE	10.137	464330	3.297 ug/ml
6) N-OCTADECANE	11.579	476189	3.319 ug/ml
7) N-EICOSANE	12.888	484910	3.440 ug/ml
8) N-DOCOSANE	14.085	480787	3.454 ug/ml
10) N-TETRACOSANE	15.188	475131	3.409 ug/ml
11) N-HEXACOSANE	16.208	479511	3.437 ug/ml
12) N-OCTACOSANE	17.157	486972	3.470 ug/ml
13) N-TRIACONTANE	18.041	518815	3.636 ug/ml
14) N-DOTRIACONTANE	18.874	534509	3.806 ug/ml
15) N-TETRATRIACONTANE	19.657	481809	3.960 ug/ml
16) N-HEXATRIACONTANE	20.396	422836	4.127 ug/ml
17) N-OCTATRIACONTANE	21.125	378571	4.012 ug/ml
18) N-TETRACONTANE	22.026	458312	4.843 ug/ml

(f)=RT Delta > 1/2 Window

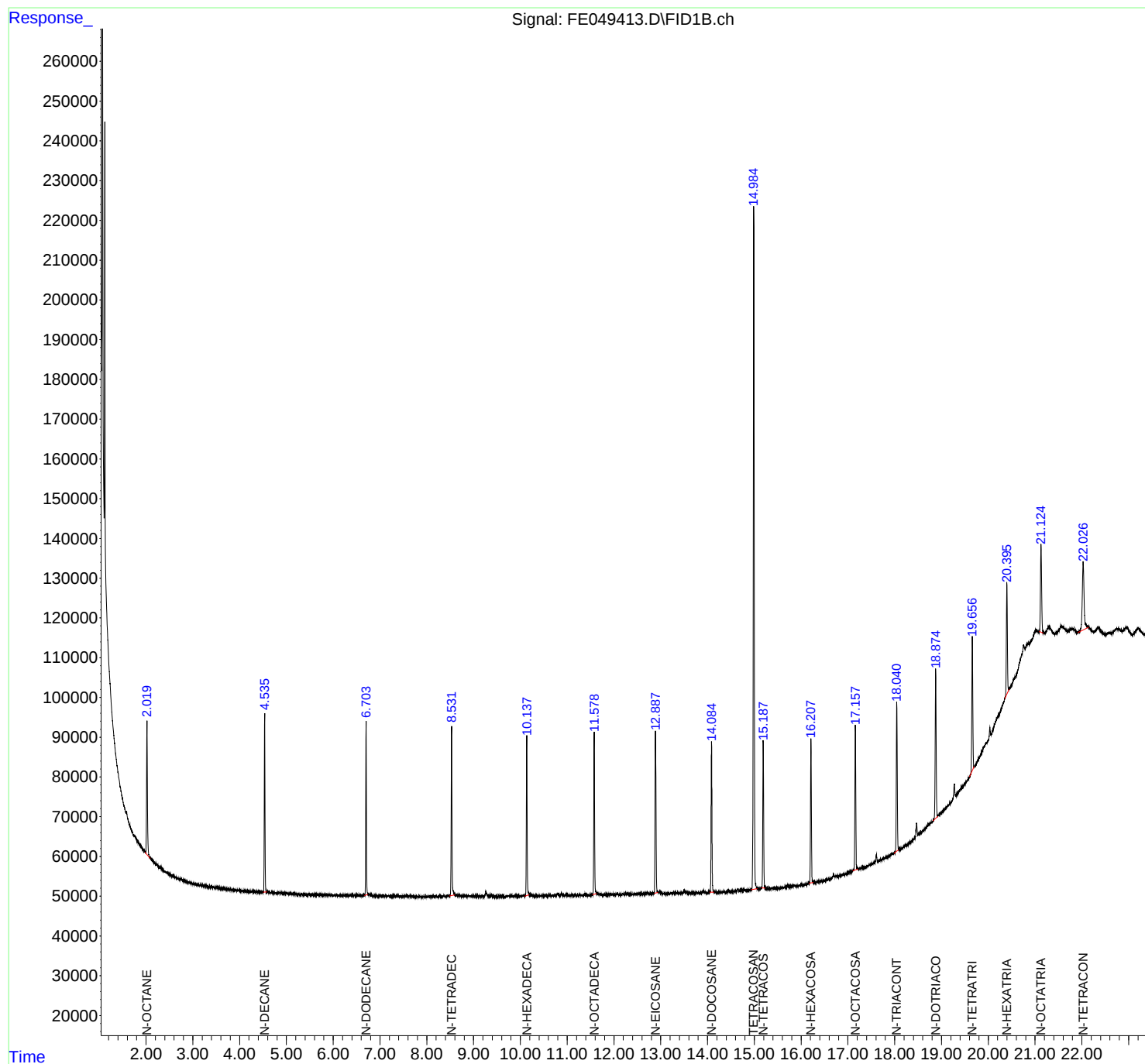
(m)=manual int.

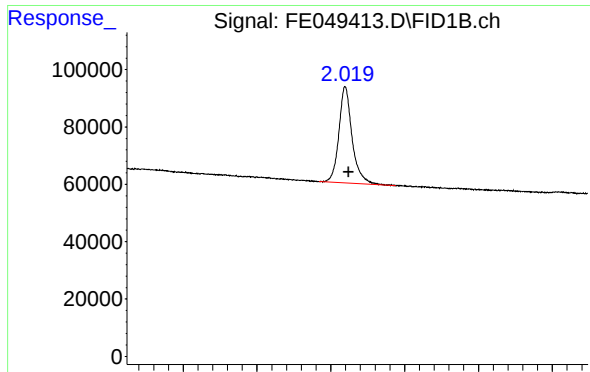
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

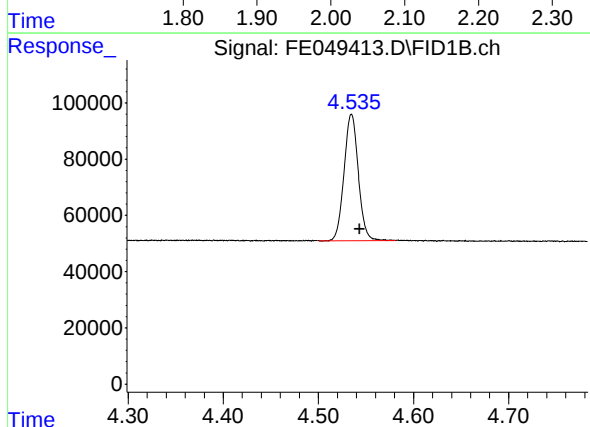




#1 N-OCTANE

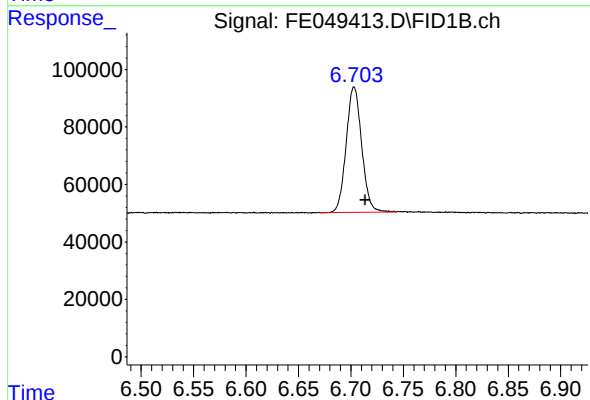
R.T.: 2.019 min
Delta R.T.: -0.005 min
Response: 419692
Conc: 2.99 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2024



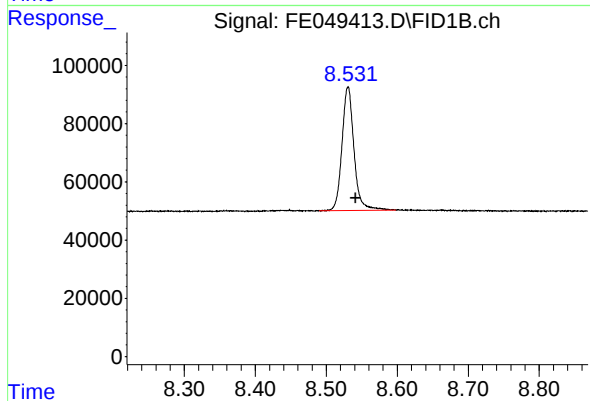
#2 N-DECANE

R.T.: 4.535 min
Delta R.T.: -0.009 min
Response: 468276
Conc: 3.34 ug/ml



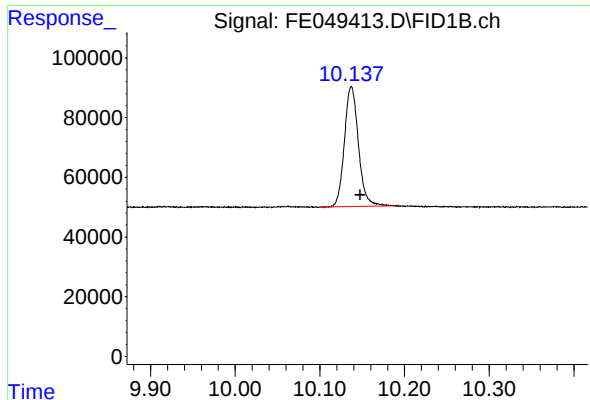
#3 N-DODECANE

R.T.: 6.703 min
Delta R.T.: -0.011 min
Response: 449593
Conc: 3.16 ug/ml



#4 N-TETRADECANE

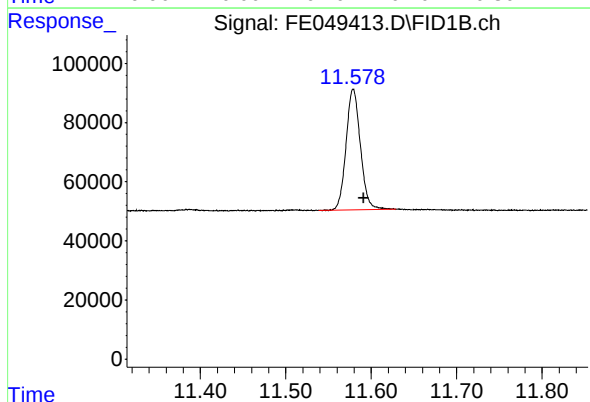
R.T.: 8.531 min
Delta R.T.: -0.011 min
Response: 498387
Conc: 3.52 ug/ml



#5 N-HEXADECANE

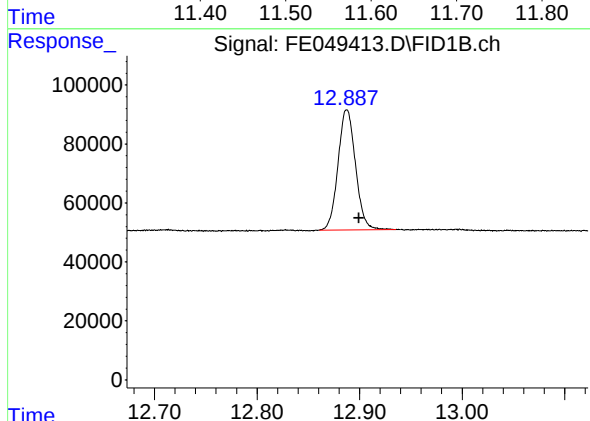
R.T.: 10.137 min
Delta R.T.: -0.011 min
Response: 464330
Conc: 3.30 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2024



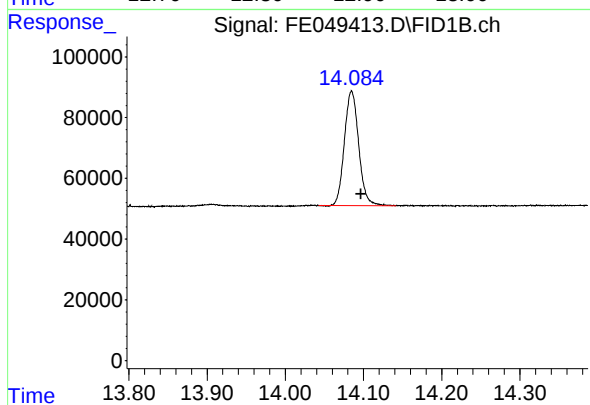
#6 N-OCTADECANE

R.T.: 11.579 min
Delta R.T.: -0.012 min
Response: 476189
Conc: 3.32 ug/ml



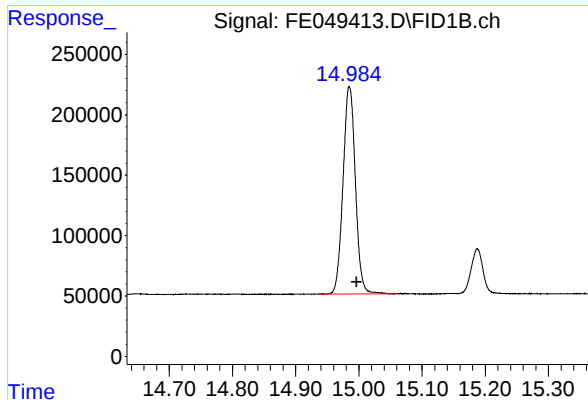
#7 N-EICOSANE

R.T.: 12.888 min
Delta R.T.: -0.012 min
Response: 484910
Conc: 3.44 ug/ml



#8 N-DOCOSANE

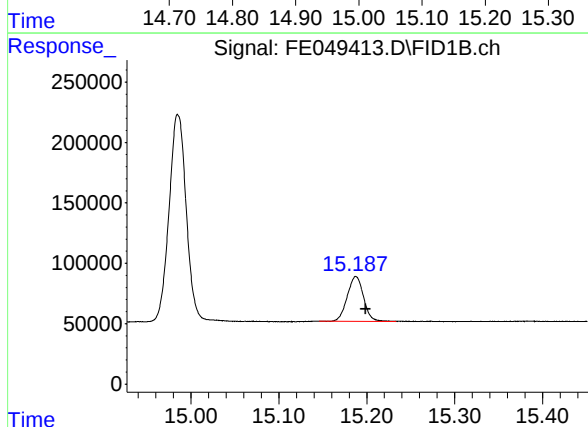
R.T.: 14.085 min
Delta R.T.: -0.012 min
Response: 480787
Conc: 3.45 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

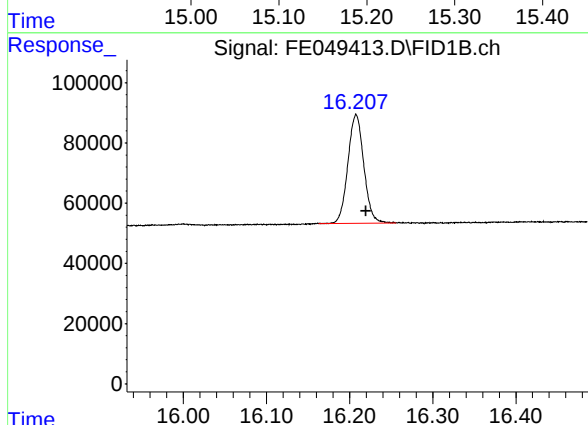
R.T.: 14.985 min
Delta R.T.: -0.011 min
Response: 2333061
Conc: 18.24 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2024



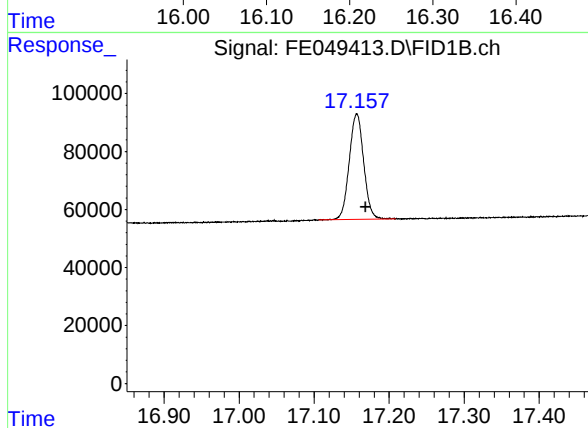
#10 N-TETRACOSANE

R.T.: 15.188 min
Delta R.T.: -0.011 min
Response: 475131
Conc: 3.41 ug/ml



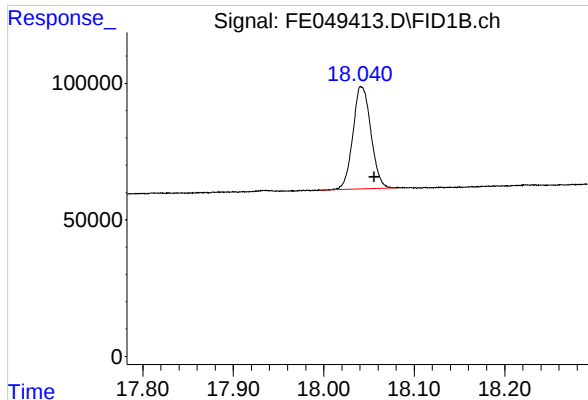
#11 N-HEXACOSANE

R.T.: 16.208 min
Delta R.T.: -0.012 min
Response: 479511
Conc: 3.44 ug/ml



#12 N-OCTACOSANE

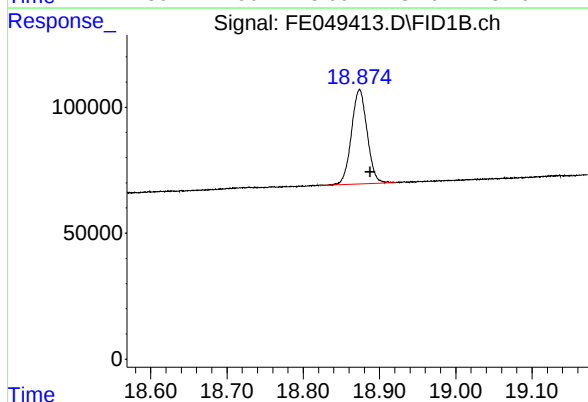
R.T.: 17.157 min
Delta R.T.: -0.012 min
Response: 486972
Conc: 3.47 ug/ml



#13 N-TRIACONTANE

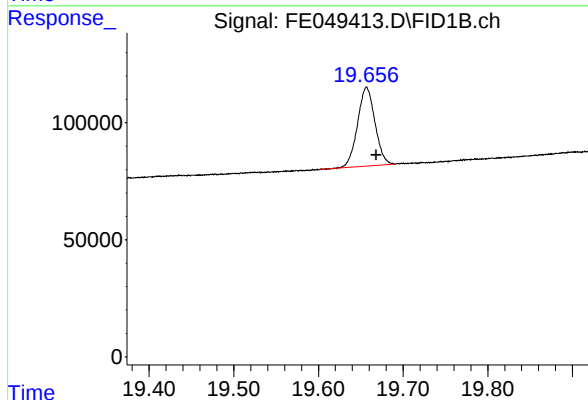
R.T.: 18.041 min
Delta R.T.: -0.014 min
Response: 518815
Conc: 3.64 ug/ml

Instrument :
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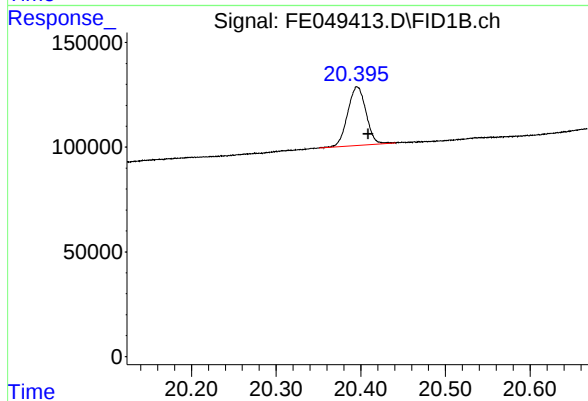
#14 N-DOTRIACONTANE

R.T.: 18.874 min
Delta R.T.: -0.014 min
Response: 534509
Conc: 3.81 ug/ml



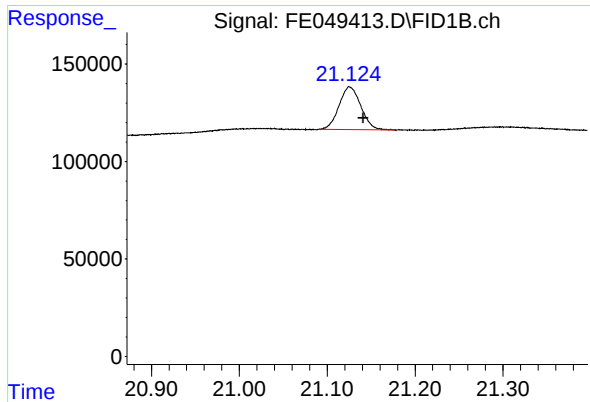
#15 N-TETRATRIACONTANE

R.T.: 19.657 min
Delta R.T.: -0.012 min
Response: 481809
Conc: 3.96 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.396 min
Delta R.T.: -0.013 min
Response: 422836
Conc: 4.13 ug/ml



#17 N-OCTATRIACONTANE

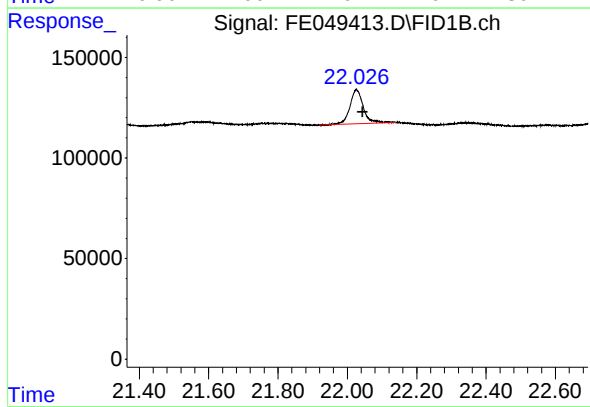
R.T.: 21.125 min
Delta R.T.: -0.016 min
Response: 378571
Conc: 4.01 ug/ml

Instrument :

FID_E

ClientSampleId :

LOD-MDL-SOIL-04-QT3-2024



#18 N-TETRACONTANE

R.T.: 22.026 min
Delta R.T.: -0.018 min
Response: 458312
Conc: 4.84 ug/ml