

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080224\
 Data File : FE049414.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2024 01:27
 Operator : YP\AJ
 Sample : P3390-05
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-SOIL-05-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 03 03:23:13 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	2594900	20.292 ug/ml
Target Compounds			
1) N-OCTANE	2.018	888847	6.325 ug/ml
2) N-DECANE	4.534	1008942	7.199 ug/ml
3) N-DODECANE	6.703	998624	7.028 ug/ml
4) N-TETRADECANE	8.531	1057713	7.473 ug/ml
5) N-HEXADECANE	10.137	1023691	7.268 ug/ml
6) N-OCTADECANE	11.579	1037617	7.232 ug/ml
7) N-EICOSANE	12.887	1045926	7.419 ug/ml
8) N-DOCOSANE	14.085	1021796	7.341 ug/ml
10) N-TETRACOSANE	15.188	1015845	7.288 ug/ml
11) N-HEXACOSANE	16.207	1031391	7.392 ug/ml
12) N-OCTACOSANE	17.157	1035879	7.382 ug/ml
13) N-TRIACONTANE	18.043	1079894	7.568 ug/ml
14) N-DOTRIACONTANE	18.874	1074731	7.652 ug/ml
15) N-TETRATRIACONTANE	19.657	994824	8.177 ug/ml
16) N-HEXATRIACONTANE	20.397	867805	8.470 ug/ml
17) N-OCTATRIACONTANE	21.127	813260	8.620 ug/ml
18) N-TETRACONTANE	22.027	856320	9.048 ug/ml

(f)=RT Delta > 1/2 Window

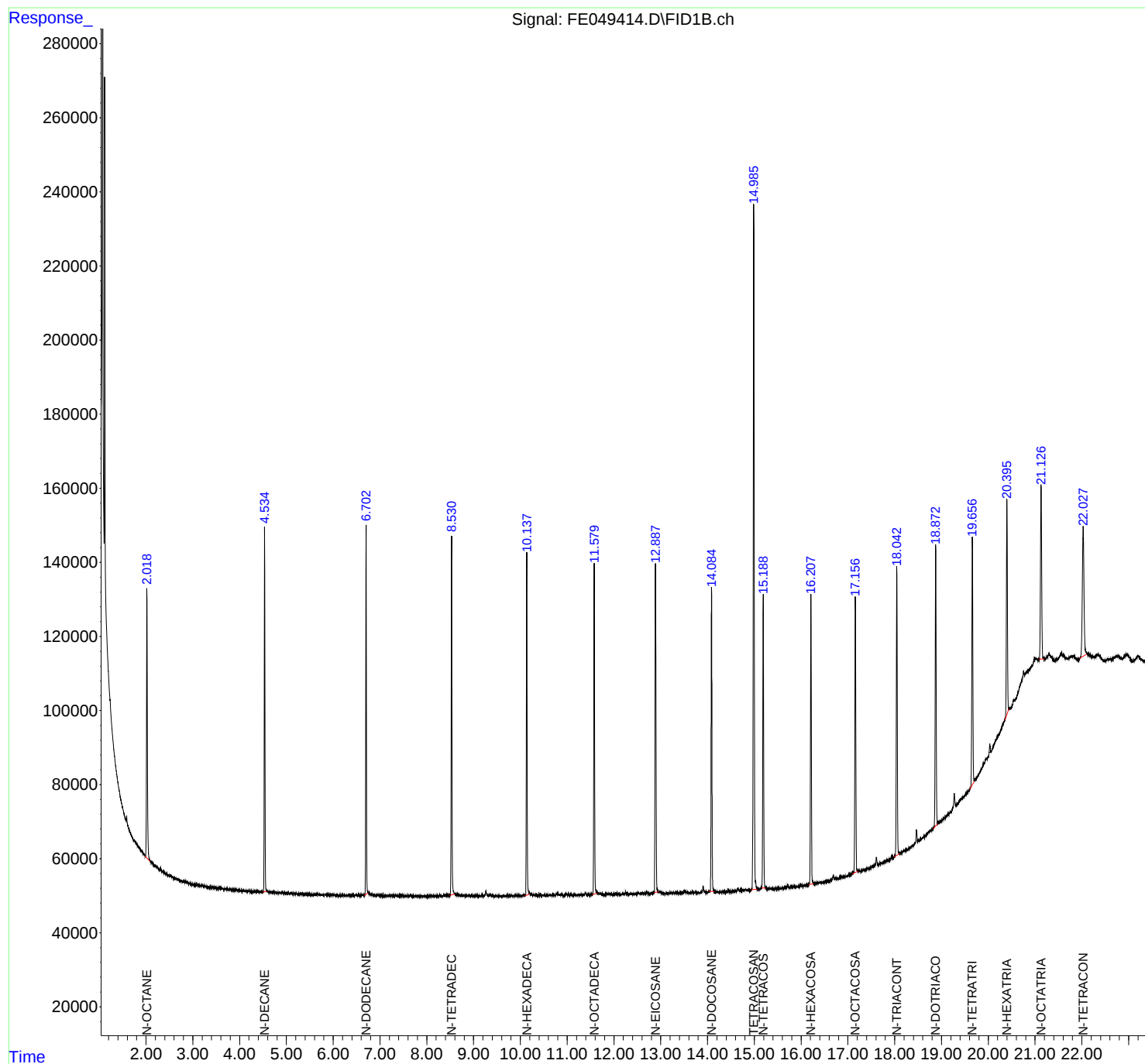
(m)=manual int.

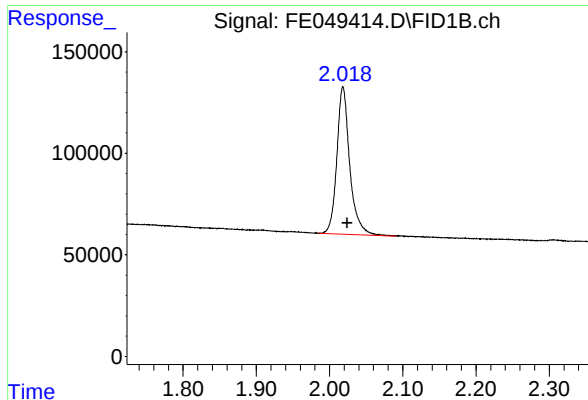
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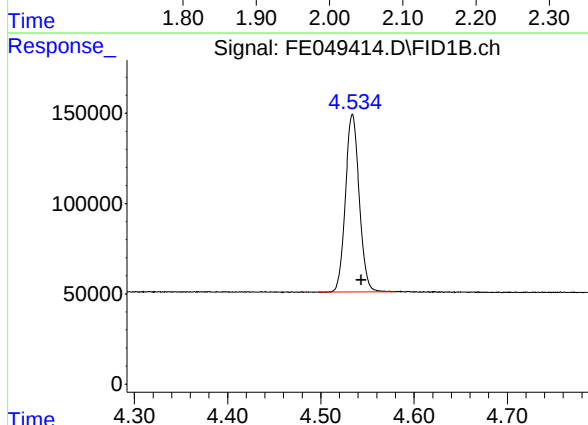




#1 N-OCTANE

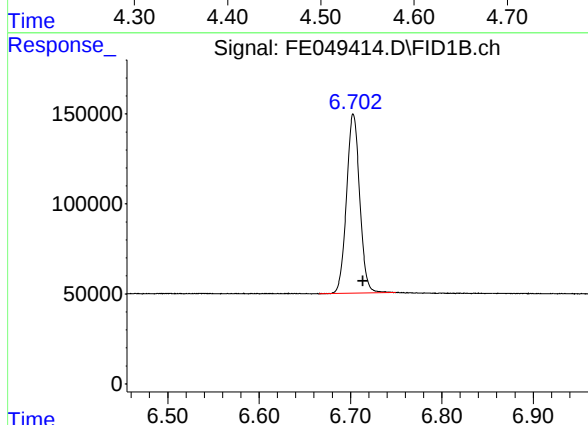
R.T.: 2.018 min
Delta R.T.: -0.006 min
Response: 888847
Conc: 6.33 ug/ml

Instrument :
FID_E
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LOQ-SOIL-05-QT3-2024



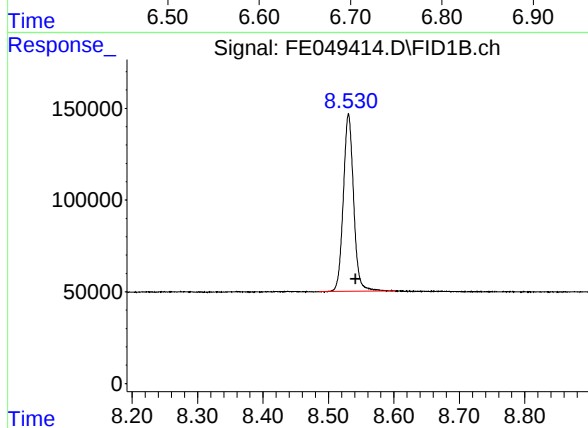
#2 N-DECANE

R.T.: 4.534 min
Delta R.T.: -0.010 min
Response: 1008942
Conc: 7.20 ug/ml



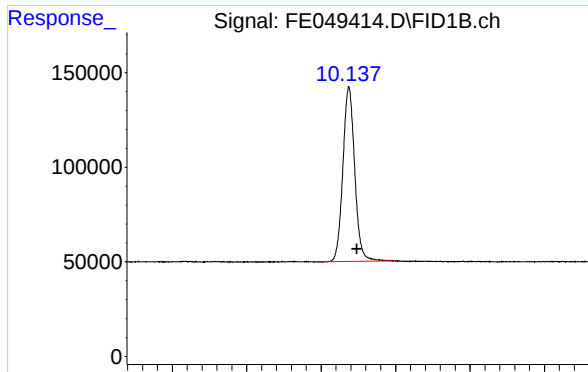
#3 N-DODECANE

R.T.: 6.703 min
Delta R.T.: -0.010 min
Response: 998624
Conc: 7.03 ug/ml



#4 N-TETRADECANE

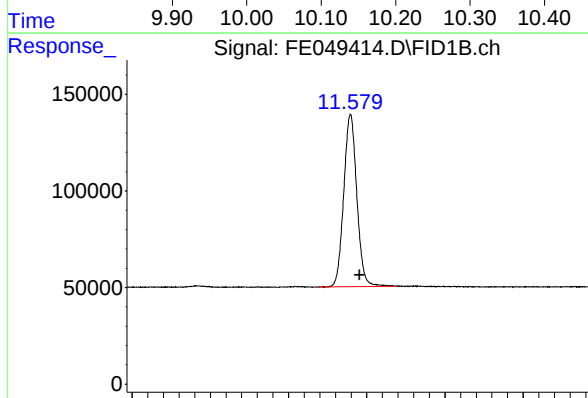
R.T.: 8.531 min
Delta R.T.: -0.011 min
Response: 1057713
Conc: 7.47 ug/ml



#5 N-HEXADECANE

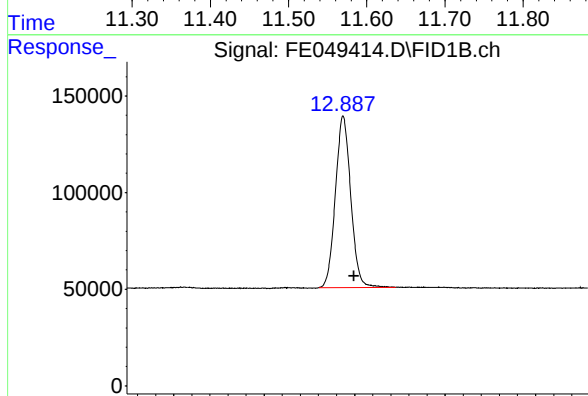
R.T.: 10.137 min
Delta R.T.: -0.010 min
Response: 1023691
Conc: 7.27 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-05-QT3-2024



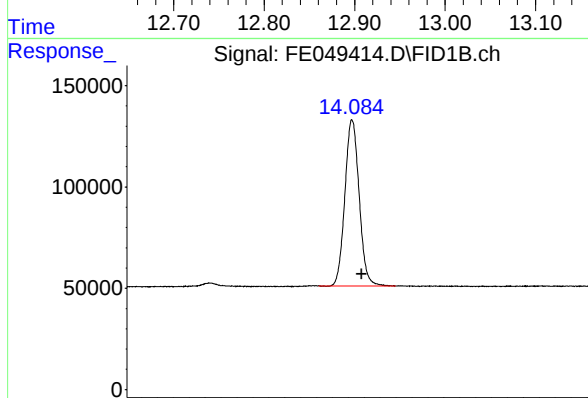
#6 N-OCTADECANE

R.T.: 11.579 min
Delta R.T.: -0.012 min
Response: 1037617
Conc: 7.23 ug/ml



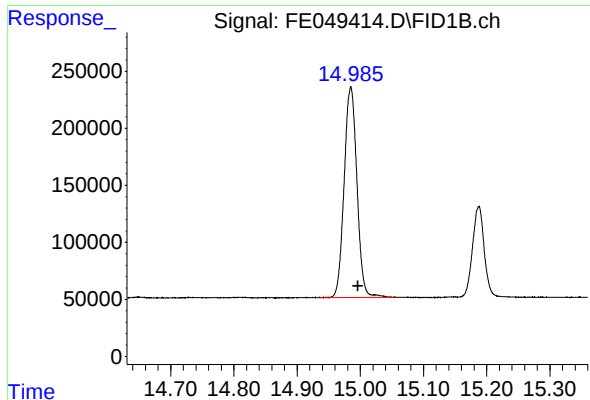
#7 N-EICOSANE

R.T.: 12.887 min
Delta R.T.: -0.012 min
Response: 1045926
Conc: 7.42 ug/ml



#8 N-DOCOSANE

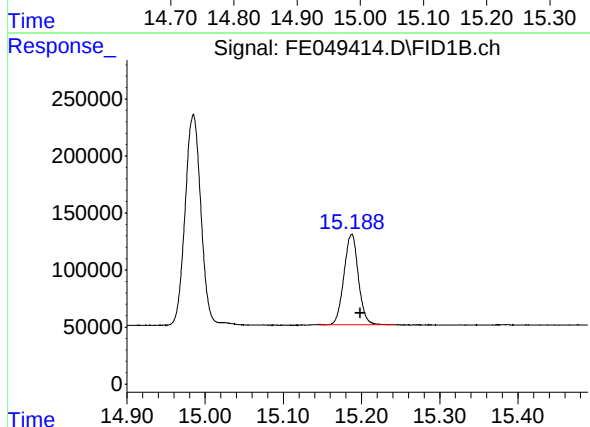
R.T.: 14.085 min
Delta R.T.: -0.012 min
Response: 1021796
Conc: 7.34 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

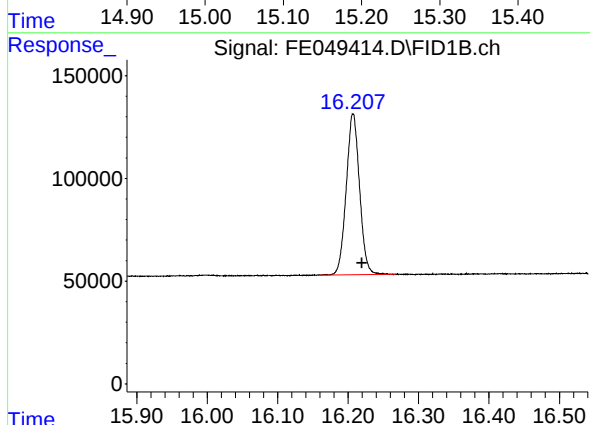
R.T.: 14.985 min
Delta R.T.: -0.011 min
Response: 2594900
Conc: 20.29 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-05-QT3-2024



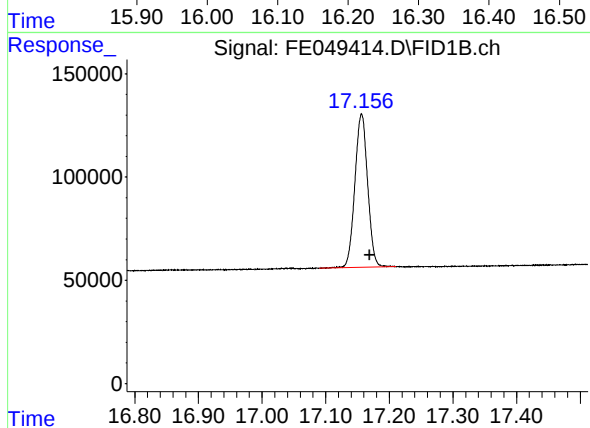
#10 N-TETRACOSANE

R.T.: 15.188 min
Delta R.T.: -0.011 min
Response: 1015845
Conc: 7.29 ug/ml



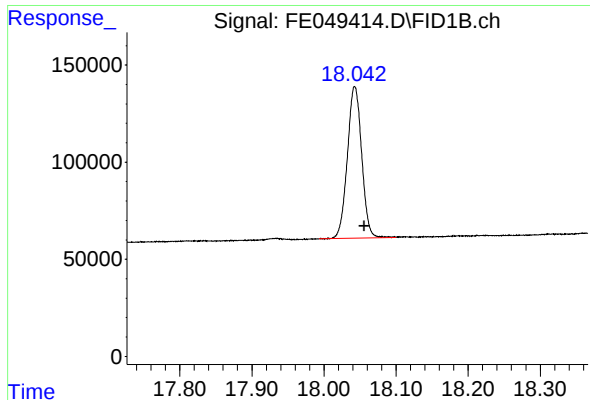
#11 N-HEXACOSANE

R.T.: 16.207 min
Delta R.T.: -0.013 min
Response: 1031391
Conc: 7.39 ug/ml



#12 N-OCTACOSANE

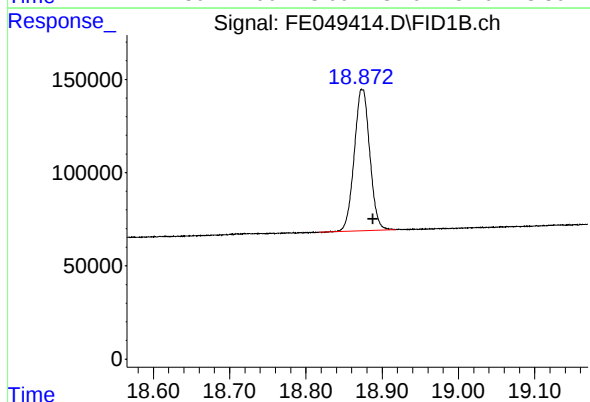
R.T.: 17.157 min
Delta R.T.: -0.012 min
Response: 1035879
Conc: 7.38 ug/ml



#13 N-TRIACONTANE

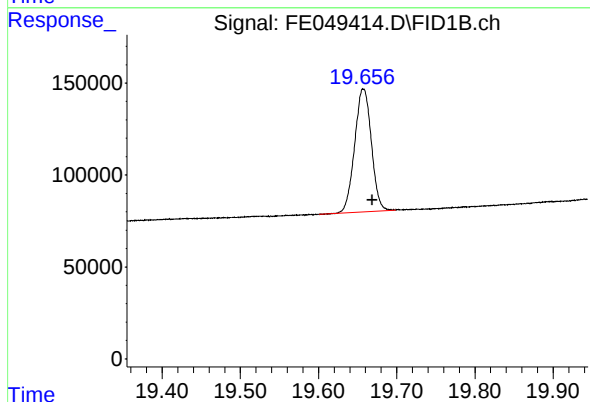
R.T.: 18.043 min
Delta R.T.: -0.013 min
Response: 1079894
Conc: 7.57 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-05-QT3-2024



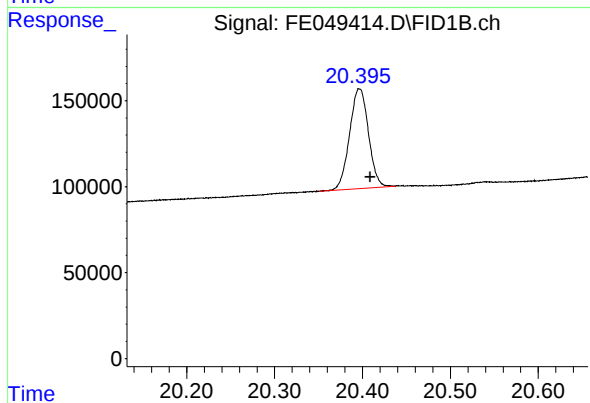
#14 N-DOTRIACONTANE

R.T.: 18.874 min
Delta R.T.: -0.014 min
Response: 1074731
Conc: 7.65 ug/ml



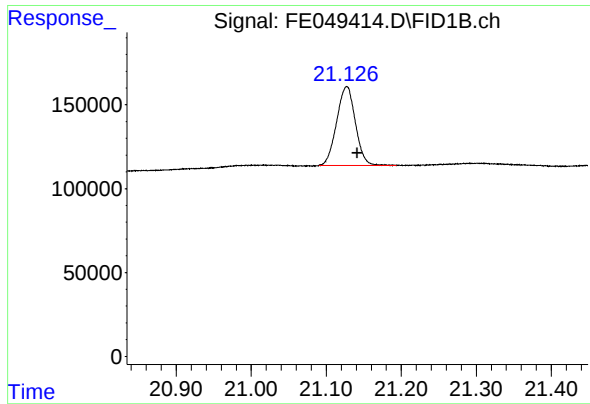
#15 N-TETRATRIACONTANE

R.T.: 19.657 min
Delta R.T.: -0.011 min
Response: 994824
Conc: 8.18 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.397 min
Delta R.T.: -0.012 min
Response: 867805
Conc: 8.47 ug/ml



#17 N-OCTATRIACONTANE

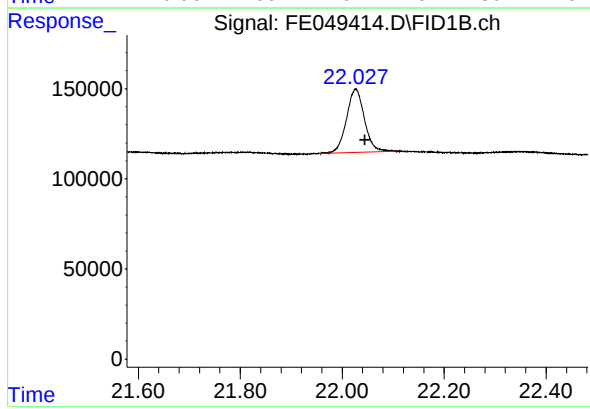
R.T.: 21.127 min
Delta R.T.: -0.014 min
Response: 813260
Conc: 8.62 ug/ml

Instrument :

FID_E

ClientSampleId :

LOQ-SOIL-05-QT3-2024



#18 N-TETRACONTANE

R.T.: 22.027 min
Delta R.T.: -0.017 min
Response: 856320
Conc: 9.05 ug/ml