

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100423\
 Data File : FG012969.D
 Signal(s) : FID1A.ch
 Acq On : 04 Oct 2023 17:28
 Operator : YP\AJ
 Sample : 04699-05
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-05-QT4-2023

Integration File: autoint1.e
 Quant Time: Oct 05 00:13:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092123.M
 Quant Title :
 QLast Update : Fri Sep 22 02:14:31 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...	15.093	1939761	17.116 ug/ml
Target Compounds			
1) N-OCTANE	2.091	571231	5.108 ug/ml
2) N-DECANE	4.611	653730	5.680 ug/ml
3) N-DODECANE	6.783	666115	5.673 ug/ml
4) N-TETRADECANE	8.616	672607	5.694 ug/ml
5) N-HEXADECANE	10.228	682032	5.638 ug/ml
6) N-OCTADECANE	11.675	687098	5.631 ug/ml
7) N-EICOSANE	12.989	682631	5.576 ug/ml
8) N-DOCOSANE	14.190	668664	5.610 ug/ml
10) N-TETRACOSANE	15.296	665584	5.554 ug/ml
11) N-HEXACOSANE	16.318	656334	5.543 ug/ml
12) N-OCTACOSANE	17.270	648194	5.537 ug/ml
13) N-TRIACONTANE	18.158	647328	5.608 ug/ml
14) N-DOTRIACONTANE	18.992	652006	5.862 ug/ml
15) N-TETRATRIACONTANE	19.776	639038	6.767 ug/ml
16) N-HEXATRIACONTANE	20.516	592876	8.023 ug/ml
17) N-OCTATRIACONTANE	21.269	571101	8.620 ug/ml
18) N-TETRACONTANE	22.216	546613	8.668 ug/ml

(f)=RT Delta > 1/2 Window

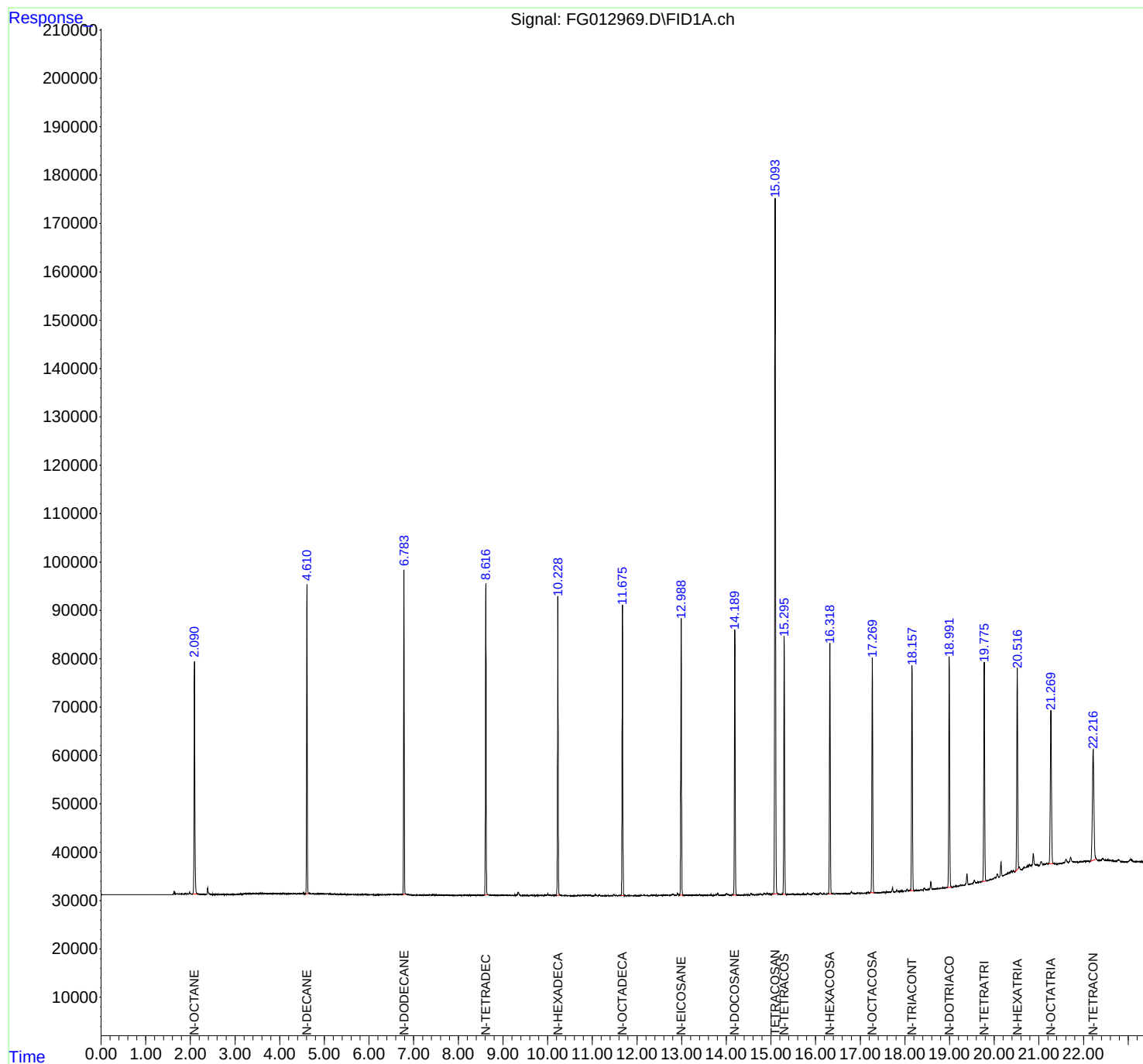
(m)=manual int.

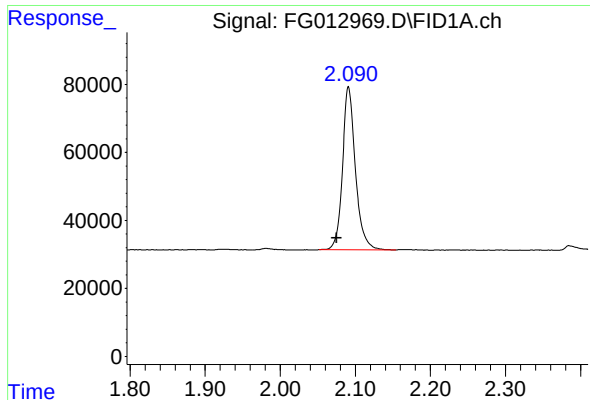
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Response via : Initial Calibration
Integrator: ChemStation

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

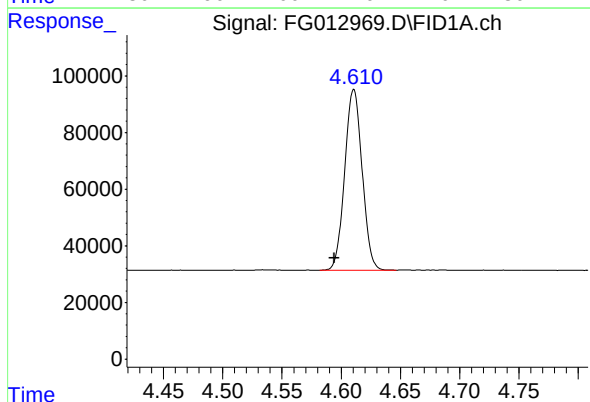




#1 N-OCTANE

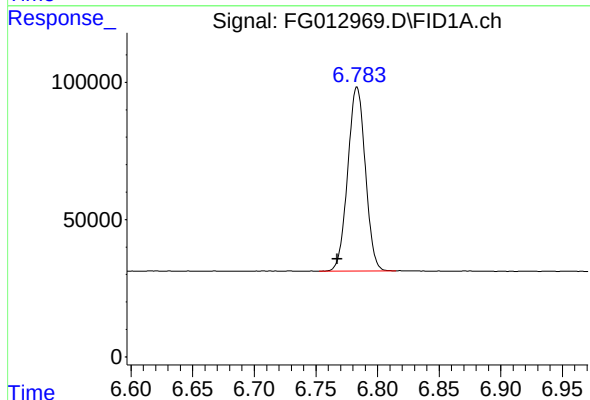
R.T.: 2.091 min
Delta R.T.: 0.016 min
Response: 571231
Conc: 5.11 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT4-2023



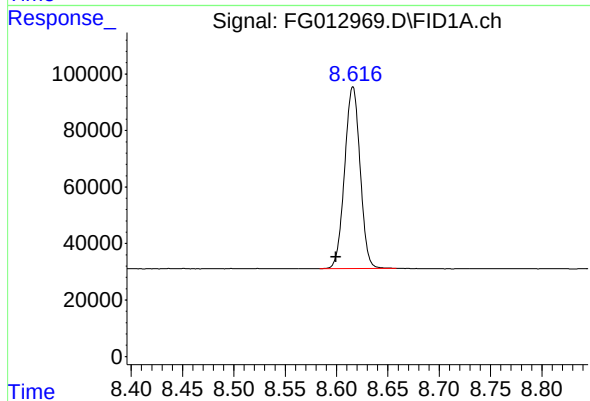
#2 N-DECANE

R.T.: 4.611 min
Delta R.T.: 0.016 min
Response: 653730
Conc: 5.68 ug/ml



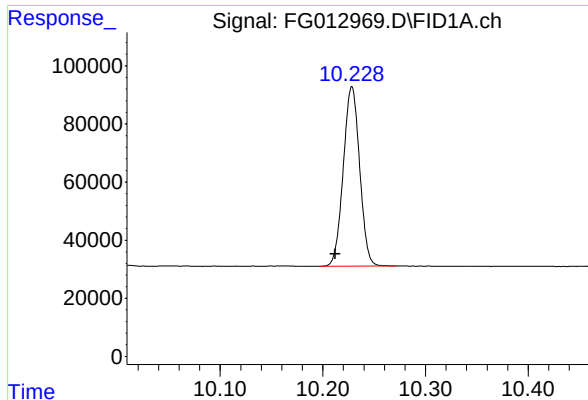
#3 N-DODECANE

R.T.: 6.783 min
Delta R.T.: 0.016 min
Response: 666115
Conc: 5.67 ug/ml



#4 N-TETRADECANE

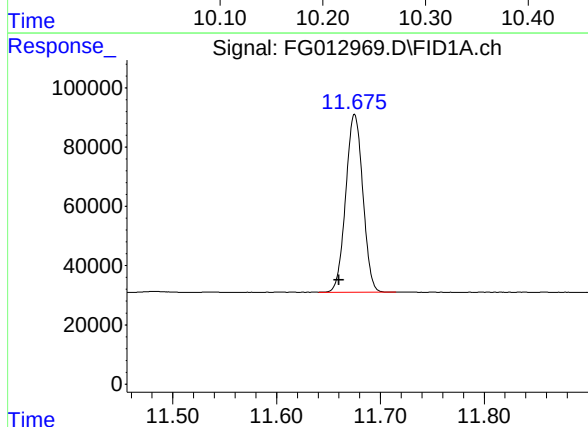
R.T.: 8.616 min
Delta R.T.: 0.016 min
Response: 672607
Conc: 5.69 ug/ml



#5 N-HEXADECANE

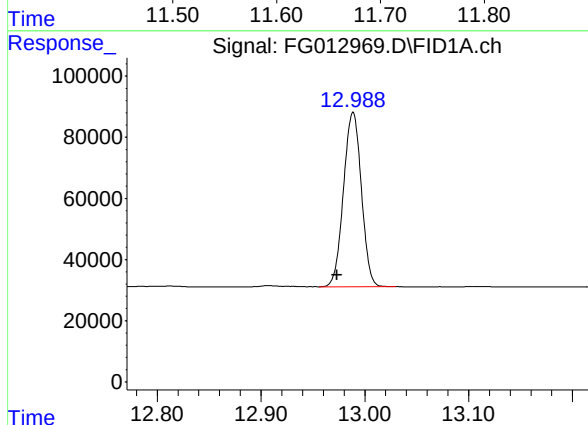
R.T.: 10.228 min
Delta R.T.: 0.016 min
Response: 682032
Conc: 5.64 ug/ml

Instrument :
FID_G
ClientSampleId :
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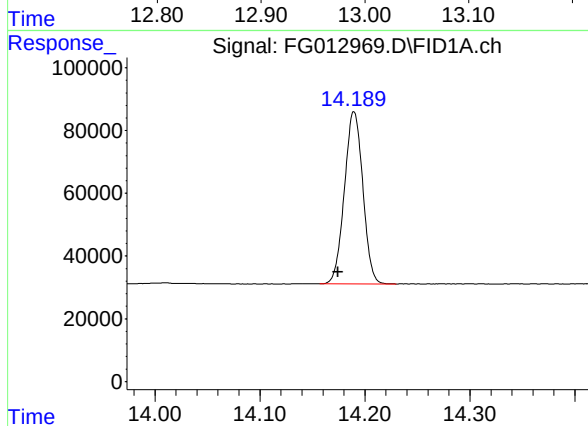
#6 N-OCTADECANE

R.T.: 11.675 min
Delta R.T.: 0.015 min
Response: 687098
Conc: 5.63 ug/ml



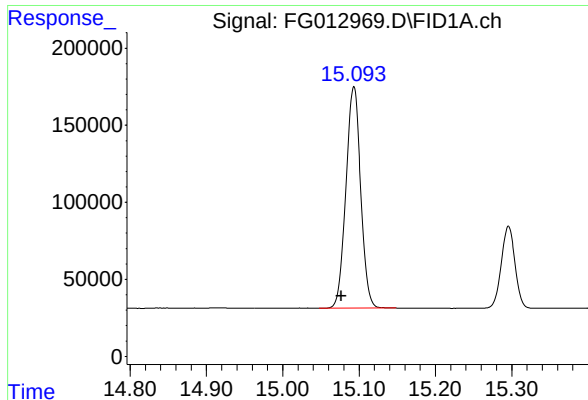
#7 N-EICOSANE

R.T.: 12.989 min
Delta R.T.: 0.016 min
Response: 682631
Conc: 5.58 ug/ml



#8 N-DOCOSANE

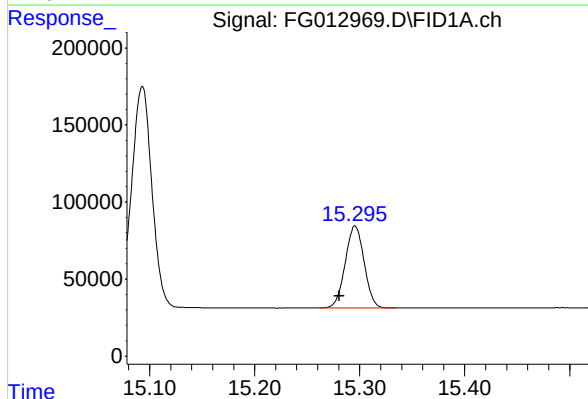
R.T.: 14.190 min
Delta R.T.: 0.015 min
Response: 668664
Conc: 5.61 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

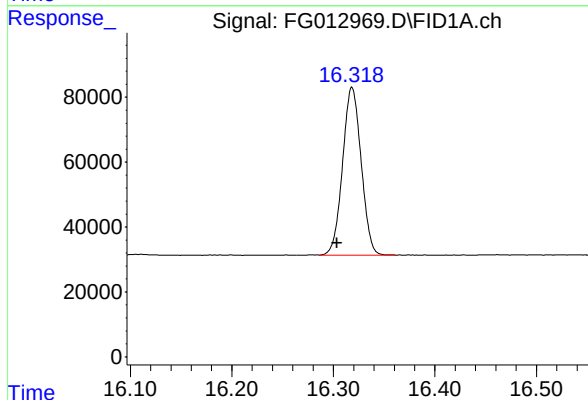
R.T.: 15.093 min
Delta R.T.: 0.017 min
Response: 1939761
Conc: 17.12 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT4-2023



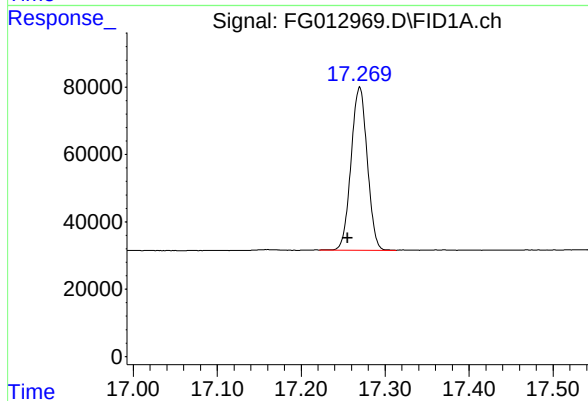
#10 N-TETRACOSANE

R.T.: 15.296 min
Delta R.T.: 0.015 min
Response: 665584
Conc: 5.55 ug/ml



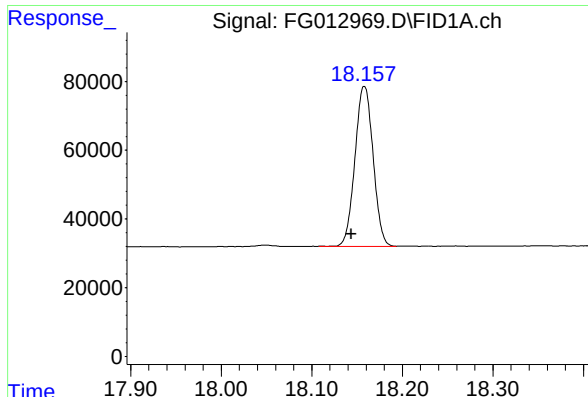
#11 N-HEXACOSANE

R.T.: 16.318 min
Delta R.T.: 0.015 min
Response: 656334
Conc: 5.54 ug/ml



#12 N-OCTACOSANE

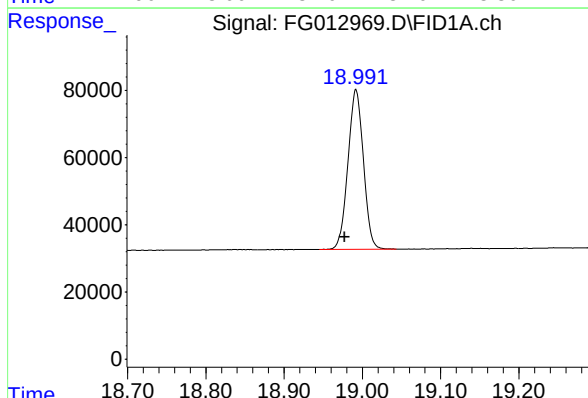
R.T.: 17.270 min
Delta R.T.: 0.015 min
Response: 648194
Conc: 5.54 ug/ml



#13 N-TRIACONTANE

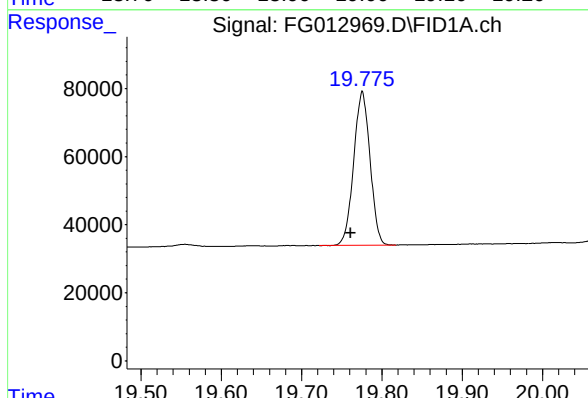
R.T.: 18.158 min
Delta R.T.: 0.014 min
Response: 647328
Conc: 5.61 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT4-2023



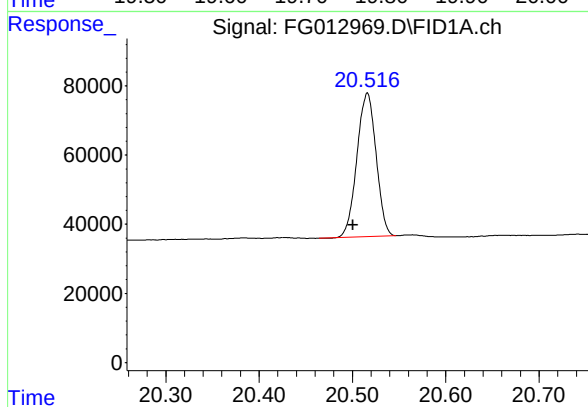
#14 N-DOTRIACONTANE

R.T.: 18.992 min
Delta R.T.: 0.015 min
Response: 652006
Conc: 5.86 ug/ml



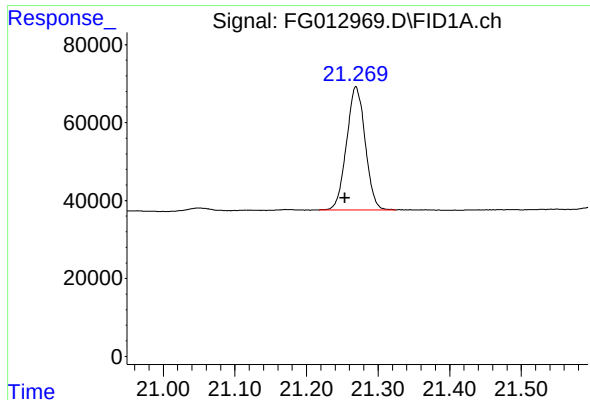
#15 N-TETRATRIACONTANE

R.T.: 19.776 min
Delta R.T.: 0.015 min
Response: 639038
Conc: 6.77 ug/ml



#16 N-HEXATRIACONTANE

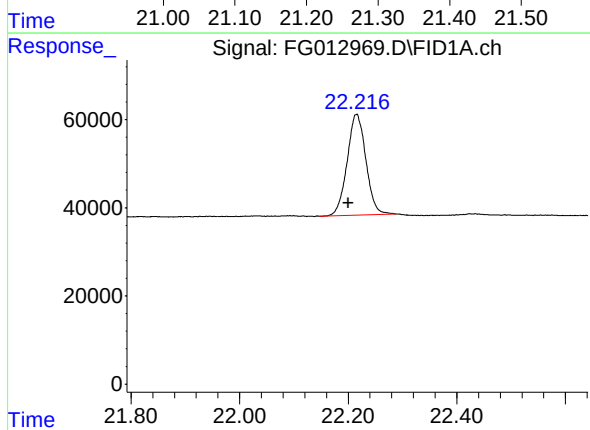
R.T.: 20.516 min
Delta R.T.: 0.016 min
Response: 592876
Conc: 8.02 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.269 min
Delta R.T.: 0.015 min
Response: 571101
Conc: 8.62 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT4-2023



#18 N-TETRACONTANE

R.T.: 22.216 min
Delta R.T.: 0.016 min
Response: 546613
Conc: 8.67 ug/ml