

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071521\
 Data File : FG008513.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2021 19:59
 Operator : DD\AJ
 Sample : M2940-05
 Misc : LOQ 5 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-05-QT3-2021

Integration File: autoint1.e
 Quant Time: Jul 16 03:21:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG071521.M
 Quant Title :
 QLast Update : Thu Jul 15 13:17:03 2021
 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...	14.762	2602473	18.264 ug/ml
Target Compounds			
1) N-OCTANE	2.358	705635	4.725 ug/ml
2) N-DECANE	4.464	701454	4.656 ug/ml
3) N-DODECANE	6.491	726502	4.721 ug/ml
4) N-TETRADECANE	8.293	726676	4.664 ug/ml
5) N-HEXADECANE	9.898	724627	4.667 ug/ml
6) N-OCTADECANE	11.344	762039	4.713 ug/ml
7) N-EICOSANE	12.657	776872	4.767 ug/ml
8) N-DOCOSANE	13.859	781172	4.794 ug/ml
10) N-TETRACOSANE	14.965	787763	4.803 ug/ml
11) N-HEXACOSANE	15.989	767351	4.732 ug/ml
12) N-OCTACOSANE	16.942	760805	4.748 ug/ml
13) N-TRIACONTANE	17.829	770861	4.879 ug/ml
14) N-DOTRIACONTANE	18.664	747447	4.975 ug/ml
15) N-TETRATRIACONTANE	19.449	685058	4.971 ug/ml
16) N-HEXATRIACONTANE	20.191	597017	5.066 ug/ml
17) N-OCTATRIACONTANE	20.948	526860	5.281 ug/ml
18) N-TETRACONTANE	21.901	483313	5.334 ug/ml

(f)=RT Delta > 1/2 Window

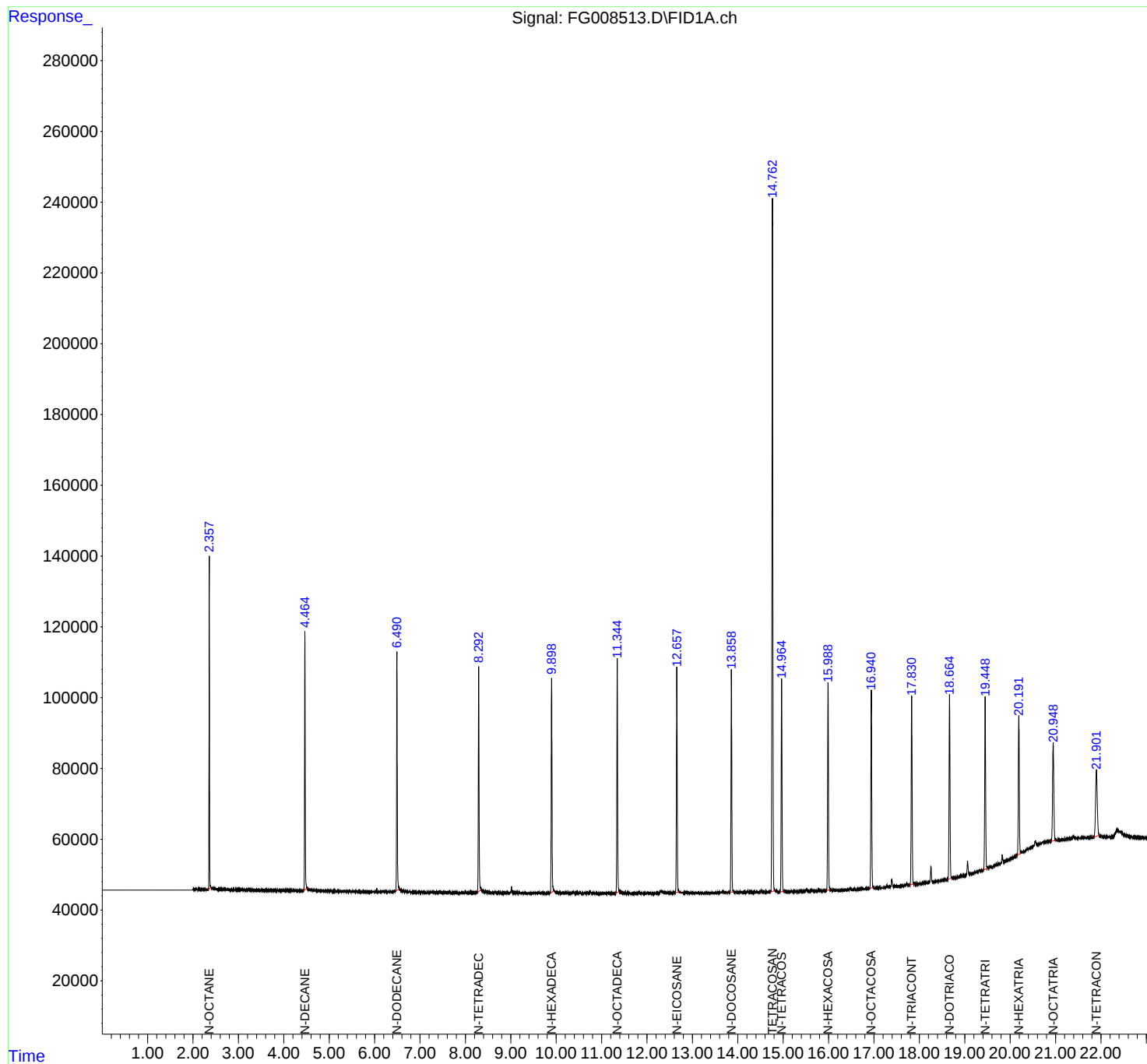
(m)=manual int.

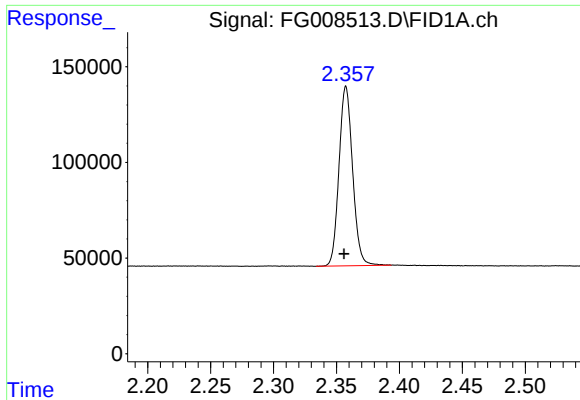
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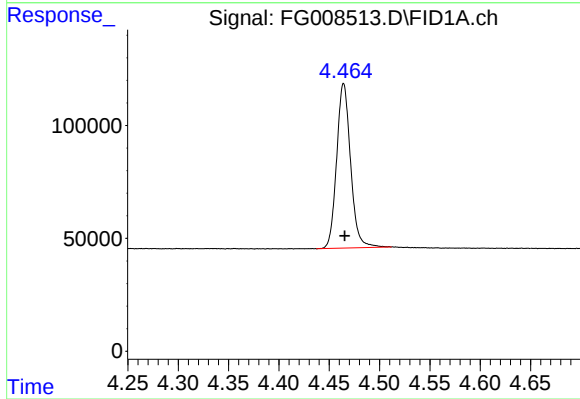




#1 N-OCTANE

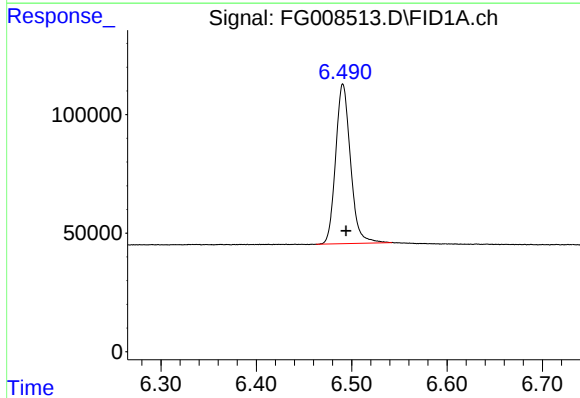
R.T.: 2.358 min
Delta R.T.: 0.002 min
Response: 705635
Conc: 4.72 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT3-2021



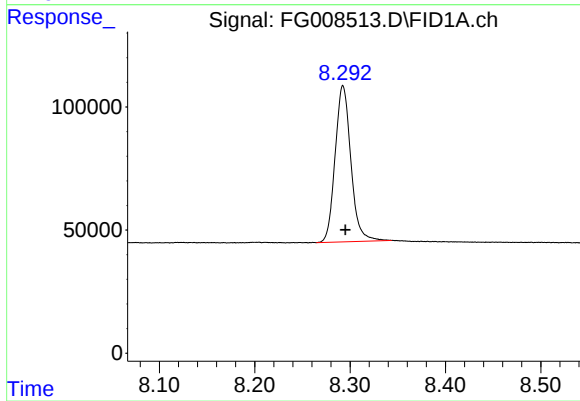
#2 N-DECANE

R.T.: 4.464 min
Delta R.T.: 0.000 min
Response: 701454
Conc: 4.66 ug/ml



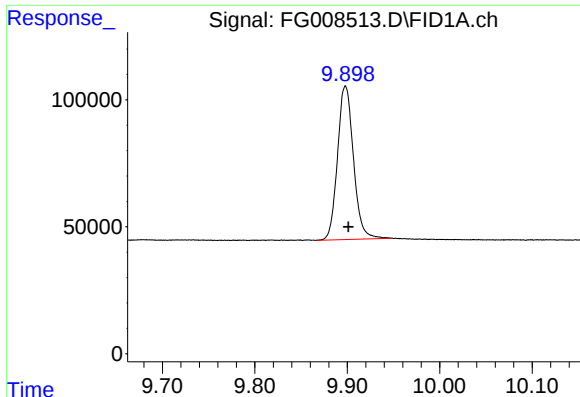
#3 N-DODECANE

R.T.: 6.491 min
Delta R.T.: -0.003 min
Response: 726502
Conc: 4.72 ug/ml



#4 N-TETRADECANE

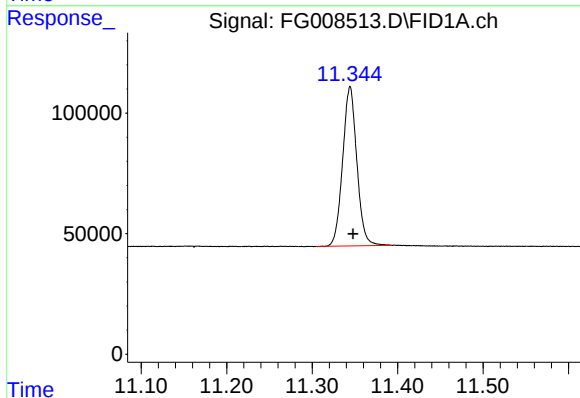
R.T.: 8.293 min
Delta R.T.: -0.003 min
Response: 726676
Conc: 4.66 ug/ml



#5 N-HEXADECANE

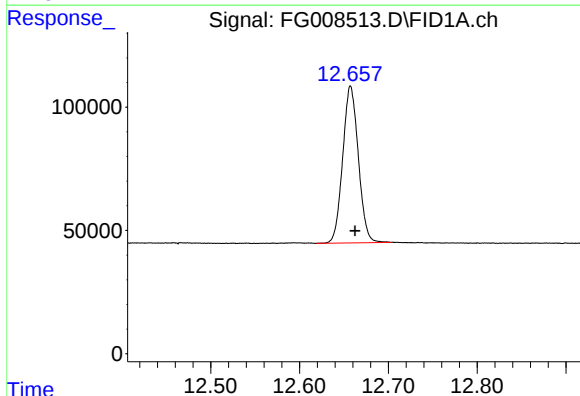
R.T.: 9.898 min
Delta R.T.: -0.003 min
Response: 724627
Conc: 4.67 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT3-2021



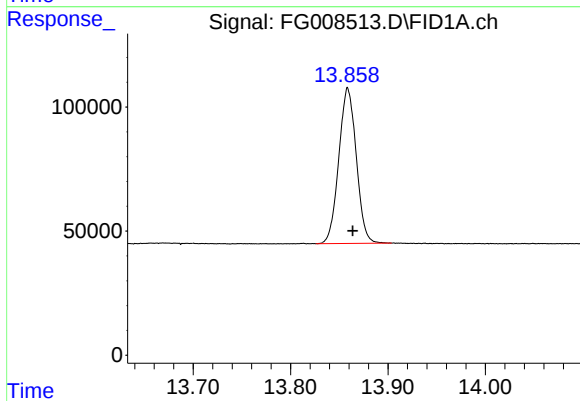
#6 N-OCTADECANE

R.T.: 11.344 min
Delta R.T.: -0.003 min
Response: 762039
Conc: 4.71 ug/ml



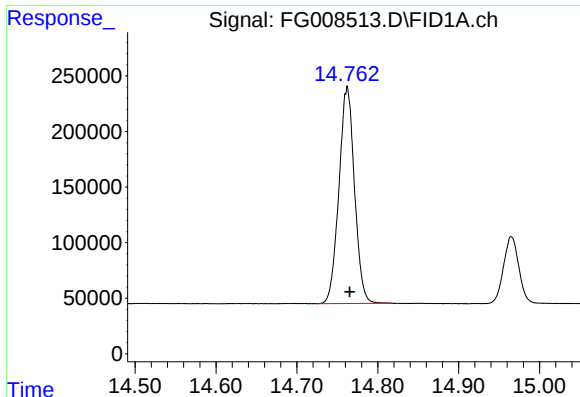
#7 N-EICOSANE

R.T.: 12.657 min
Delta R.T.: -0.005 min
Response: 776872
Conc: 4.77 ug/ml



#8 N-DOCOSANE

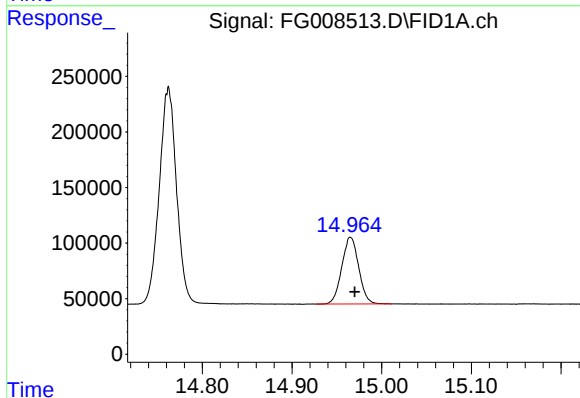
R.T.: 13.859 min
Delta R.T.: -0.005 min
Response: 781172
Conc: 4.79 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

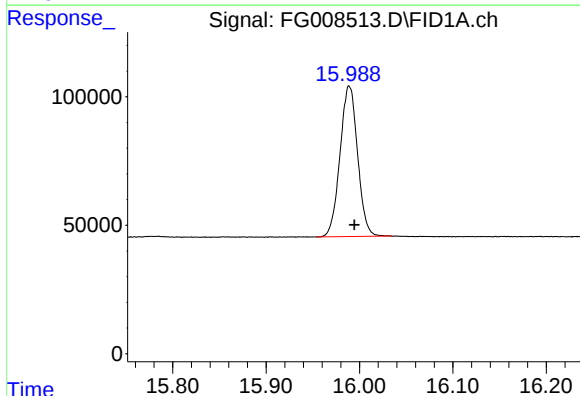
R.T.: 14.762 min
Delta R.T.: -0.003 min
Response: 2602473
Conc: 18.26 ug/ml

Instrument :
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ClientSampleId :
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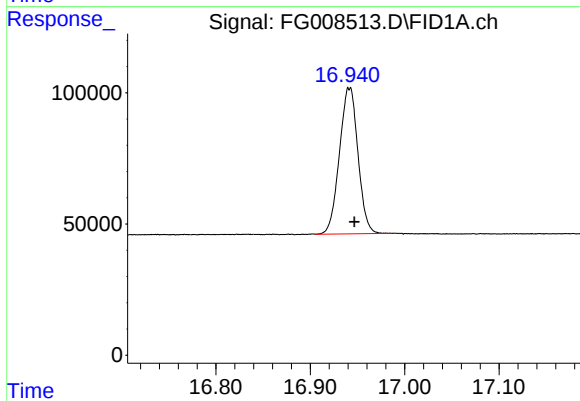
#10 N-TETRACOSANE

R.T.: 14.965 min
Delta R.T.: -0.005 min
Response: 787763
Conc: 4.80 ug/ml



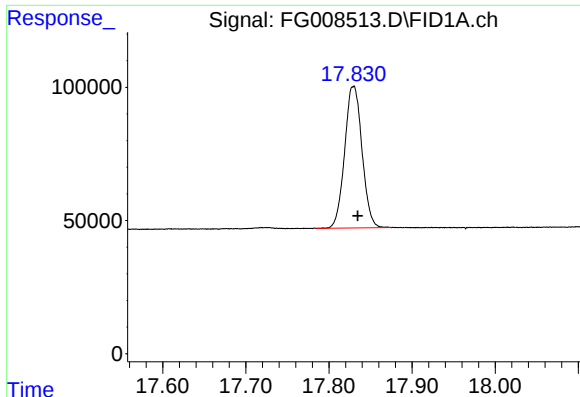
#11 N-HEXACOSANE

R.T.: 15.989 min
Delta R.T.: -0.006 min
Response: 767351
Conc: 4.73 ug/ml



#12 N-OCTACOSANE

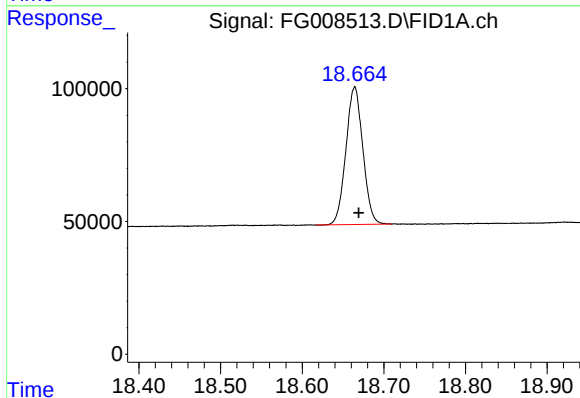
R.T.: 16.942 min
Delta R.T.: -0.005 min
Response: 760805
Conc: 4.75 ug/ml



#13 N-TRIACONTANE

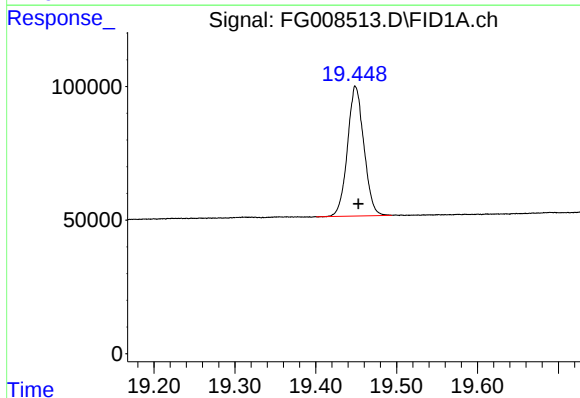
R.T.: 17.829 min
Delta R.T.: -0.005 min
Response: 770861
Conc: 4.88 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT3-2021



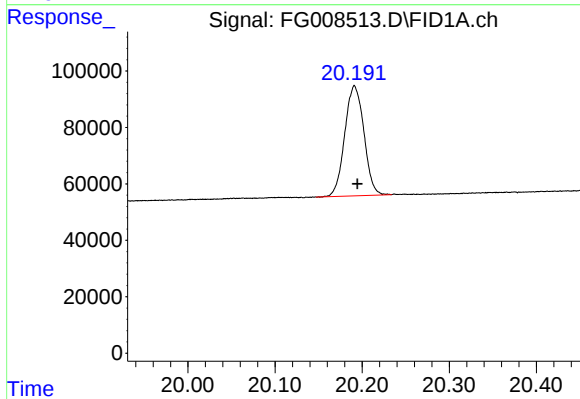
#14 N-DOTRIACONTANE

R.T.: 18.664 min
Delta R.T.: -0.005 min
Response: 747447
Conc: 4.98 ug/ml



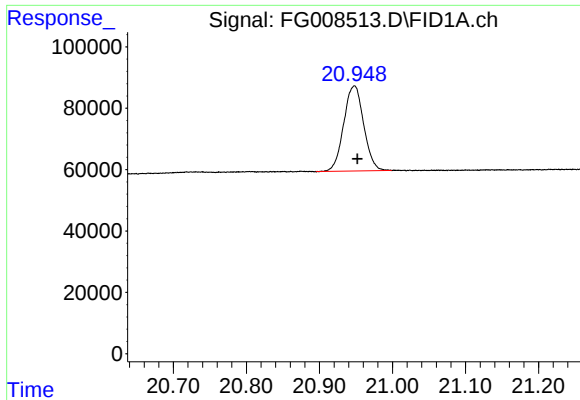
#15 N-TETRATRIACONTANE

R.T.: 19.449 min
Delta R.T.: -0.004 min
Response: 685058
Conc: 4.97 ug/ml



#16 N-HEXATRIACONTANE

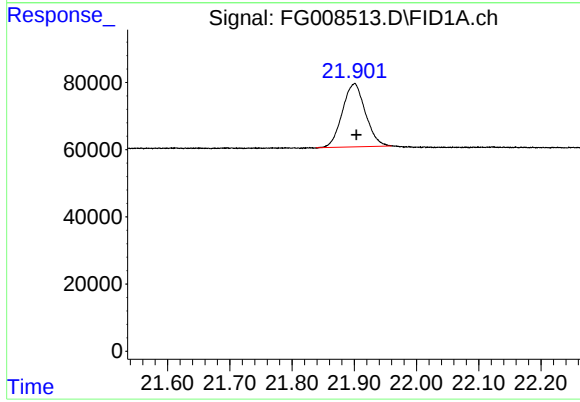
R.T.: 20.191 min
Delta R.T.: -0.004 min
Response: 597017
Conc: 5.07 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.948 min
Delta R.T.: -0.004 min
Response: 526860
Conc: 5.28 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT3-2021



#18 N-TETRACONTANE

R.T.: 21.901 min
Delta R.T.: -0.003 min
Response: 483313
Conc: 5.33 ug/ml