

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050824\
 Data File : FF014141.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2024 23:58
 Operator : YP\AJ
 Sample : P2403-05
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-05-QT2-2024

Integration File: autoint1.e
 Quant Time: May 09 04:37:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF041124.M
 Quant Title :
 QLast Update : Thu Apr 11 13:04:30 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...	14.940	2038083	18.678 ug/ml
Target Compounds			
1) N-OCTANE	1.980	482807	4.308 ug/ml
2) N-DECANE	4.493	424239	3.963 ug/ml
3) N-DODECANE	6.658	362640	3.376 ug/ml
4) N-TETRADECANE	8.486	409333	3.681 ug/ml
5) N-HEXADECANE	10.093	465420	4.032 ug/ml
6) N-OCTADECANE	11.534	519872	4.356 ug/ml
7) N-EICOSANE	12.843	563000	4.440 ug/ml
8) N-DOCOSANE	14.041	583665	4.740 ug/ml
10) N-TETRACOSANE	15.145	593891	4.842 ug/ml
11) N-HEXACOSANE	16.167	575107	4.739 ug/ml
12) N-OCTACOSANE	17.117	578160	4.833 ug/ml
13) N-TRIACONTANE	18.005	596832	4.914 ug/ml
14) N-DOTRIACONTANE	18.839	630228	5.177 ug/ml
15) N-TETRATRIACONTANE	19.621	663330	6.004 ug/ml
16) N-HEXATRIACONTANE	20.362	718602	7.199 ug/ml
17) N-OCTATRIACONTANE	21.088	695307	7.737 ug/ml
18) N-TETRACONTANE	21.984	540667	6.554 ug/ml

(f)=RT Delta > 1/2 Window

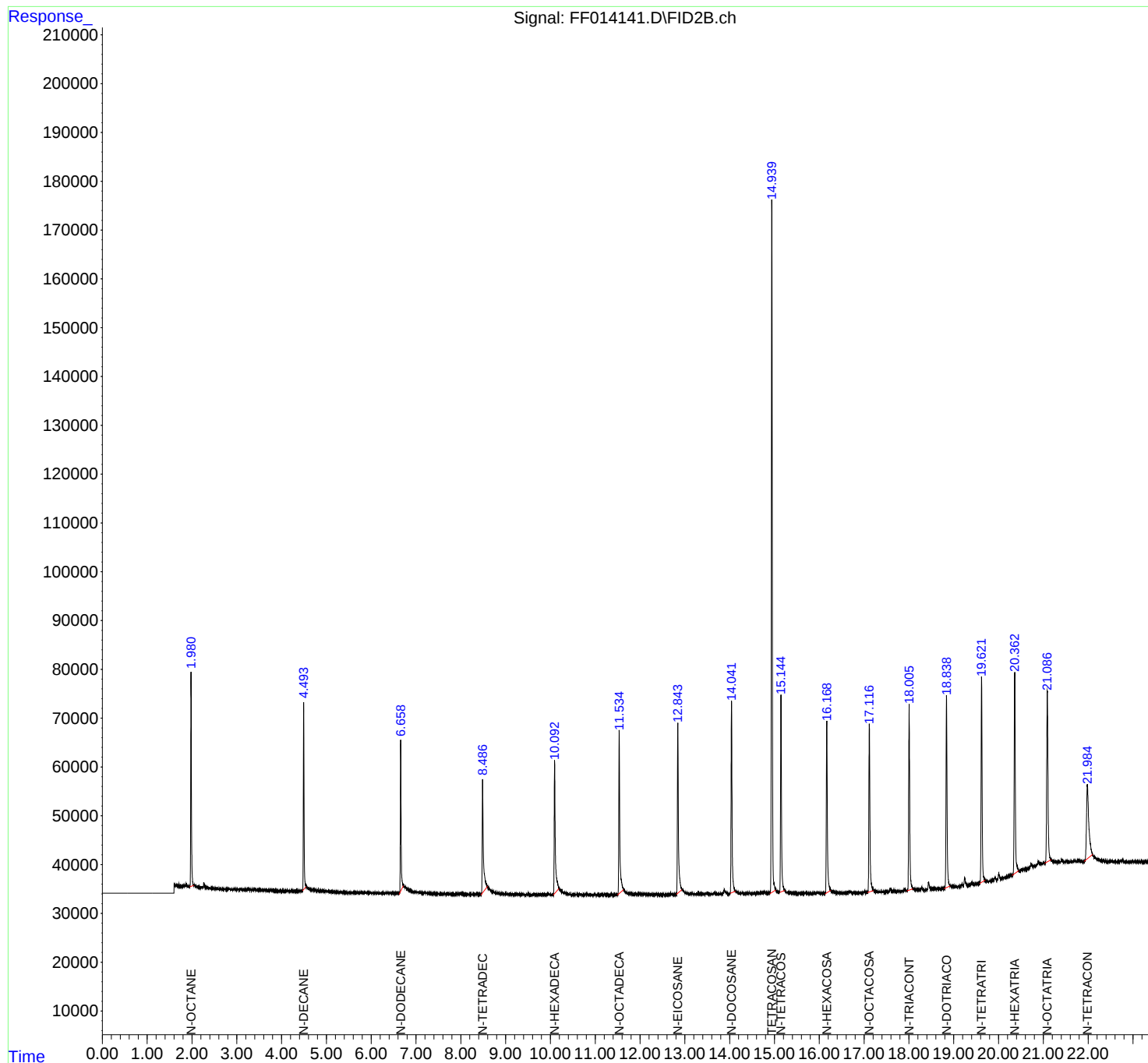
(m)=manual int.

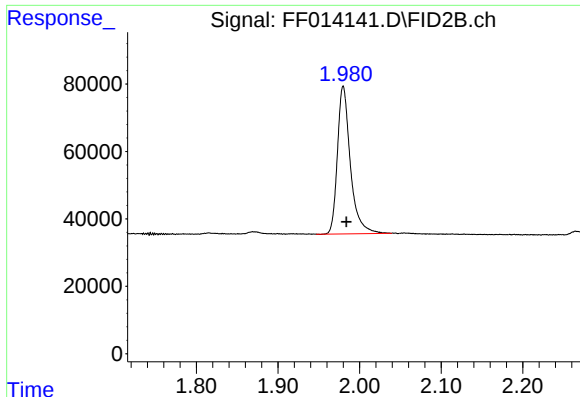
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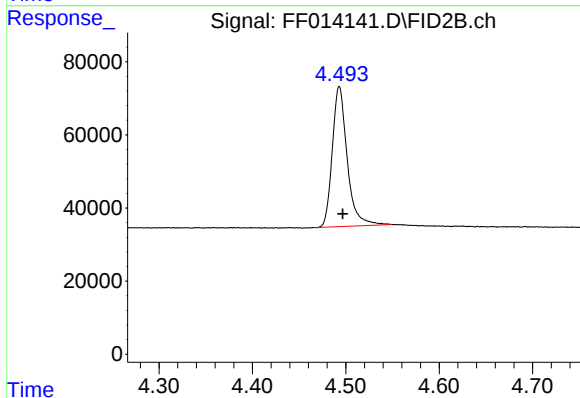




#1 N-OCTANE

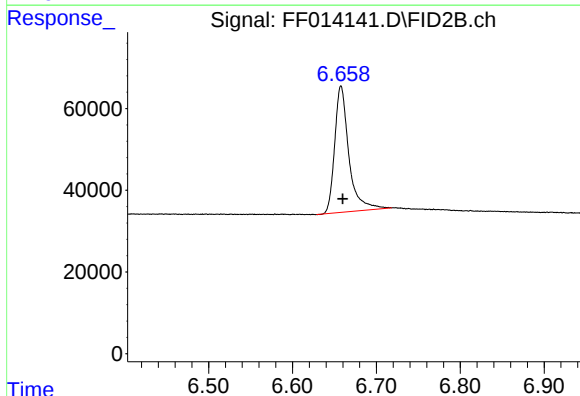
R.T.: 1.980 min
Delta R.T.: -0.004 min
Response: 482807
Conc: 4.31 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-05-QT2-2024



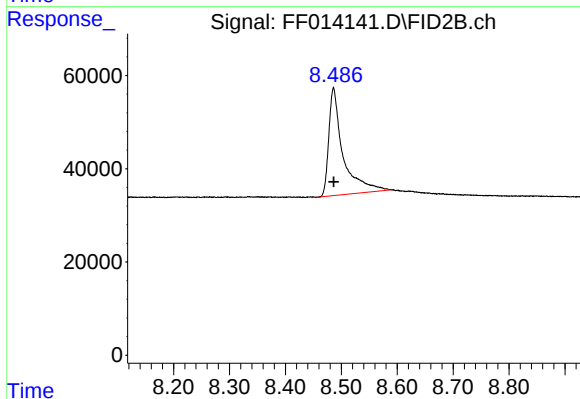
#2 N-DECANE

R.T.: 4.493 min
Delta R.T.: -0.004 min
Response: 424239
Conc: 3.96 ug/ml



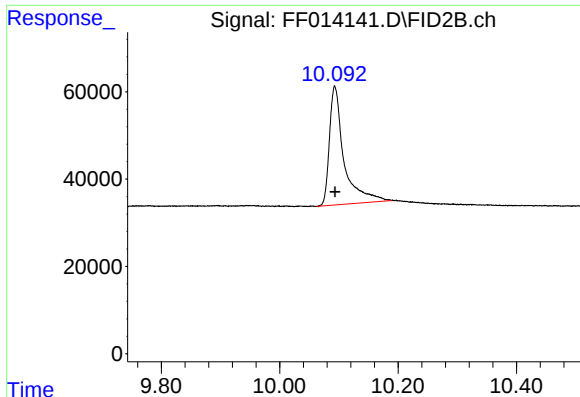
#3 N-DODECANE

R.T.: 6.658 min
Delta R.T.: -0.002 min
Response: 362640
Conc: 3.38 ug/ml



#4 N-TETRADECANE

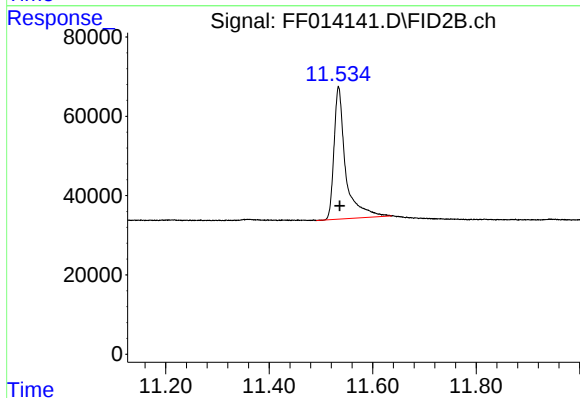
R.T.: 8.486 min
Delta R.T.: 0.000 min
Response: 409333
Conc: 3.68 ug/ml



#5 N-HEXADECANE

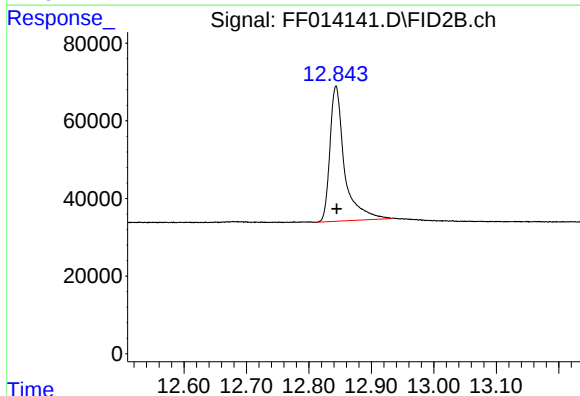
R.T.: 10.093 min
Delta R.T.: 0.000 min
Response: 465420
Conc: 4.03 ug/ml

Instrument :
FID_F
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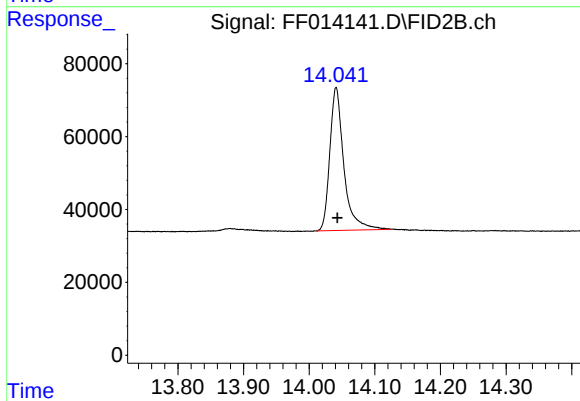
#6 N-OCTADECANE

R.T.: 11.534 min
Delta R.T.: -0.002 min
Response: 519872
Conc: 4.36 ug/ml



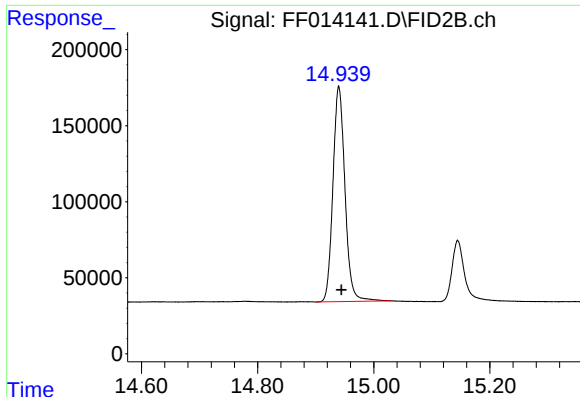
#7 N-EICOSANE

R.T.: 12.843 min
Delta R.T.: 0.000 min
Response: 563000
Conc: 4.44 ug/ml



#8 N-DOCOSANE

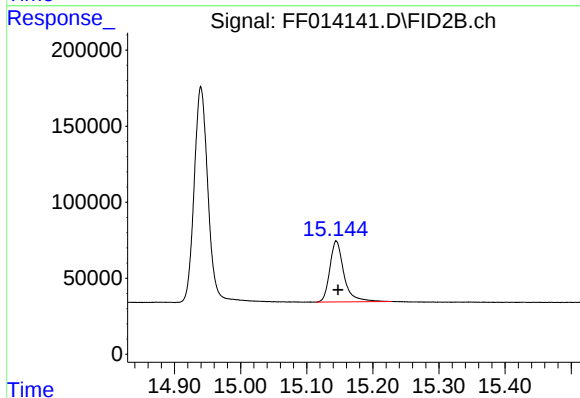
R.T.: 14.041 min
Delta R.T.: -0.002 min
Response: 583665
Conc: 4.74 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

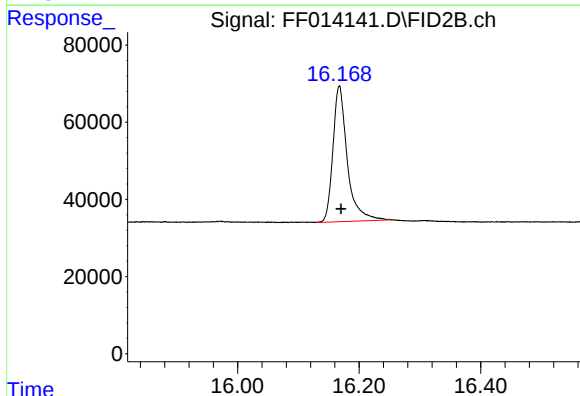
R.T.: 14.940 min
Delta R.T.: -0.004 min
Response: 2038083
Conc: 18.68 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-05-QT2-2024



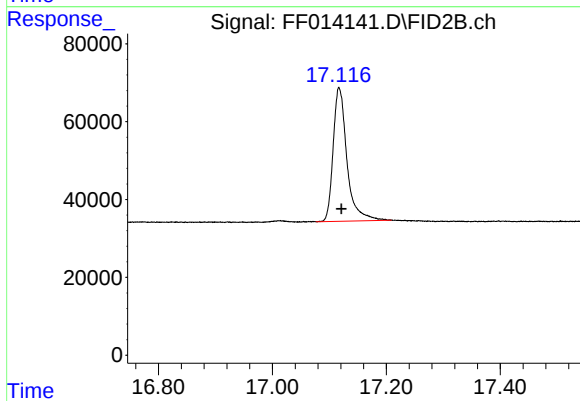
#10 N-TETRACOSANE

R.T.: 15.145 min
Delta R.T.: -0.003 min
Response: 593891
Conc: 4.84 ug/ml



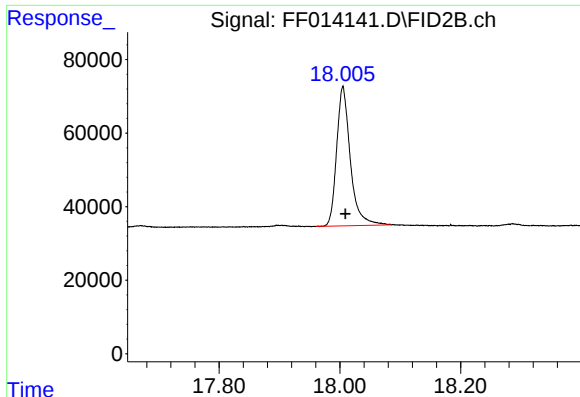
#11 N-HEXACOSANE

R.T.: 16.167 min
Delta R.T.: -0.003 min
Response: 575107
Conc: 4.74 ug/ml



#12 N-OCTACOSANE

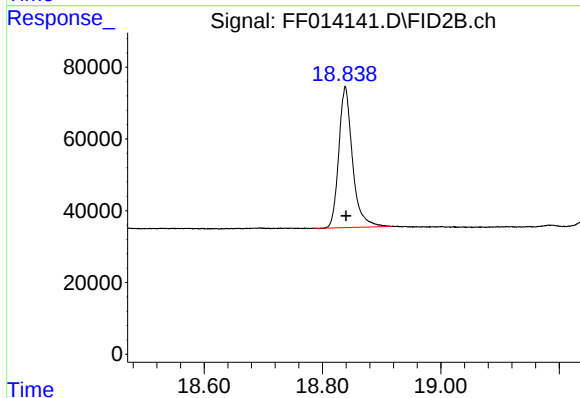
R.T.: 17.117 min
Delta R.T.: -0.004 min
Response: 578160
Conc: 4.83 ug/ml



#13 N-TRIACONTANE

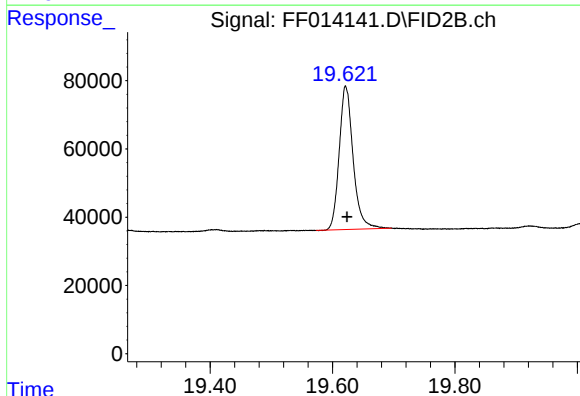
R.T.: 18.005 min
Delta R.T.: -0.005 min
Response: 596832
Conc: 4.91 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-05-QT2-2024



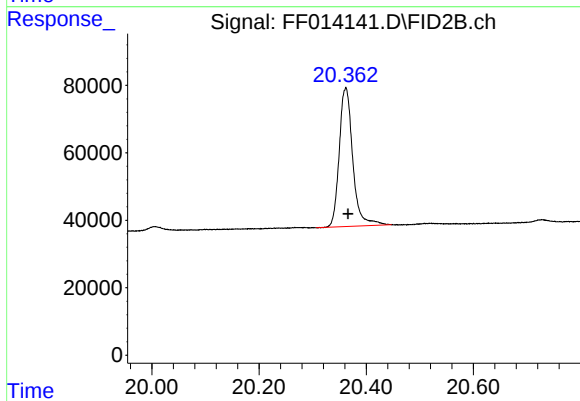
#14 N-DOTRIACONTANE

R.T.: 18.839 min
Delta R.T.: -0.001 min
Response: 630228
Conc: 5.18 ug/ml



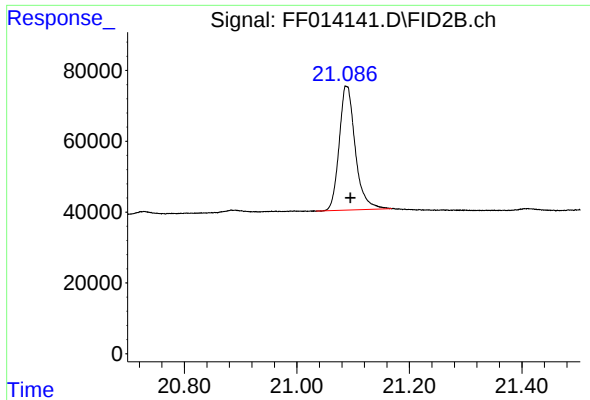
#15 N-TETRATRIACONTANE

R.T.: 19.621 min
Delta R.T.: -0.002 min
Response: 663330
Conc: 6.00 ug/ml



#16 N-HEXATRIACONTANE

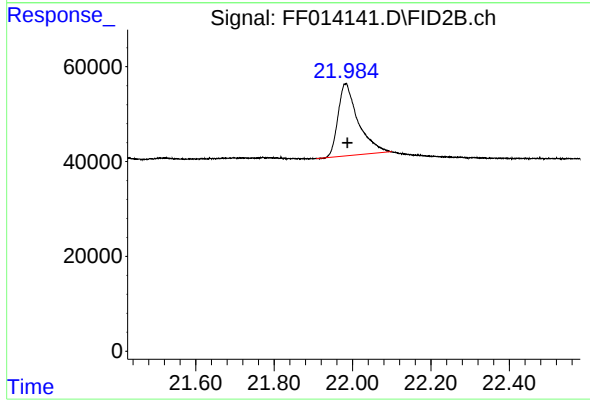
R.T.: 20.362 min
Delta R.T.: -0.004 min
Response: 718602
Conc: 7.20 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.088 min
Delta R.T.: -0.008 min
Response: 695307
Conc: 7.74 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-05-QT2-2024



#18 N-TETRACONTANE

R.T.: 21.984 min
Delta R.T.: -0.003 min
Response: 540667
Conc: 6.55 ug/ml