

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051220\
 Data File : FF006939.D
 Signal(s) : FID2B.ch
 Acq On : 12 May 2020 09:48
 Operator : DD\AJ
 Sample : L2182-01
 Misc : LOD-SOIL- 2.5 PPM
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Integration File: autoint1.e
 Quant Time: May 13 00:57:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF042820.M
 Quant Title :
 QLast Update : Wed Apr 29 02:00:23 2020
 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...	14.568	2240961	16.496 ug/ml
Target Compounds			
1) N-OCTANE	2.261	305442	2.210 ug/ml
2) N-DECANE	4.339	329465	2.392 ug/ml
3) N-DODECANE	6.352	317714	2.228 ug/ml
4) N-TETRADECANE	8.142	271729	1.871 ug/ml
5) N-HEXADECANE	9.738	318308	2.161 ug/ml
6) N-OCTADECANE	11.173	342060	2.196 ug/ml
7) N-EICOSANE	12.478	334067	2.161 ug/ml
8) N-DOCOSANE	13.673	331469	2.116 ug/ml
10) N-TETRACOSANE	14.771	332154	2.131 ug/ml
11) N-HEXACOSANE	15.787	325327	2.105 ug/ml
12) N-OCTACOSANE	16.733	349475	2.267 ug/ml
13) N-TRIACONTANE	17.617	380350	2.451 ug/ml
14) N-DOTRIACONTANE	18.445	367171	2.496 ug/ml
15) N-TETRATRIACONTANE	19.225	311279	2.353 ug/ml
16) N-HEXATRIACONTANE	19.962	247031	2.052 ug/ml
17) N-OCTATRIACONTANE	20.678	229466	2.227 ug/ml
18) N-TETRACONTANE	21.542	214234	2.046 ug/ml

(f)=RT Delta > 1/2 Window

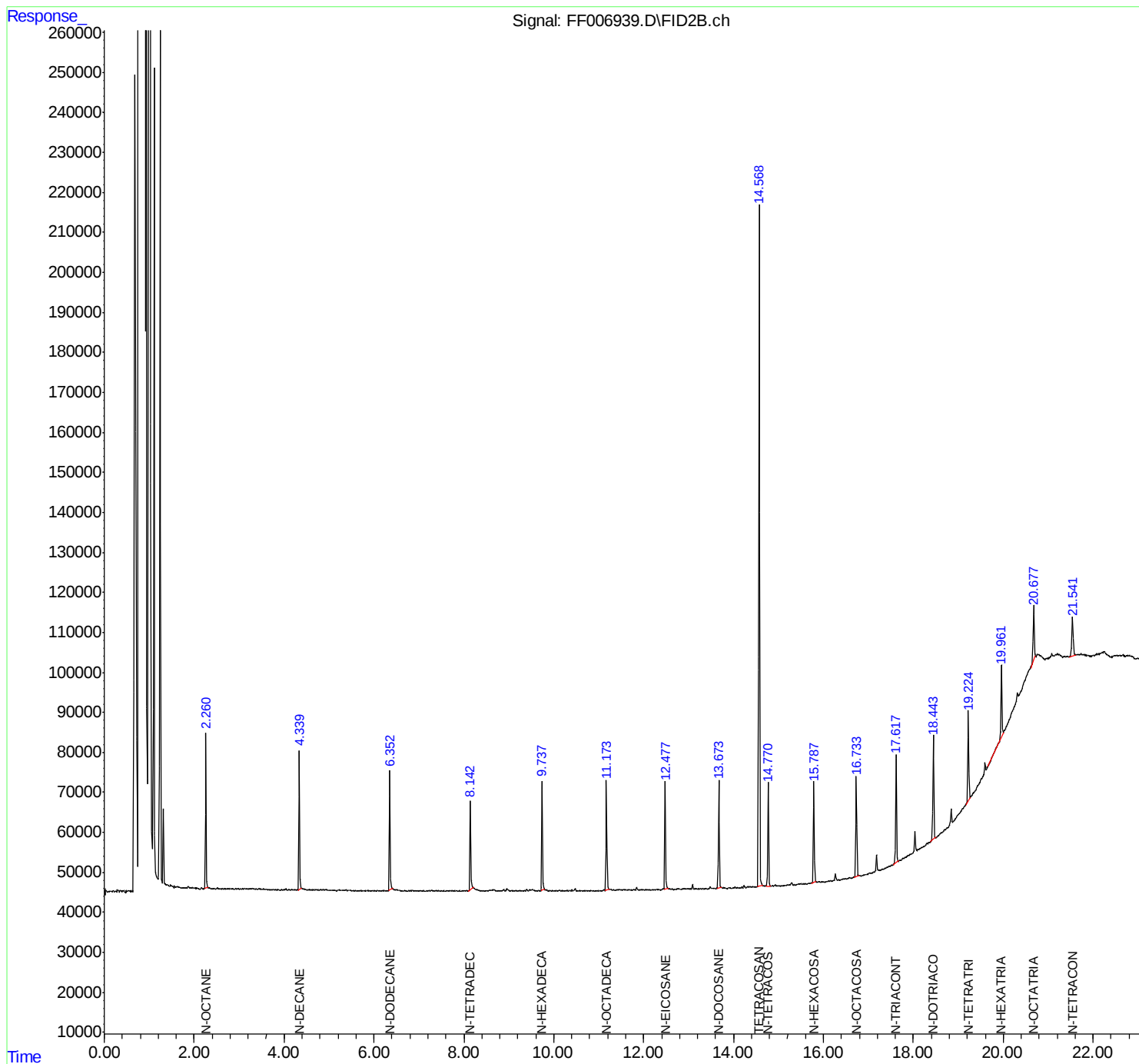
(m)=manual int.

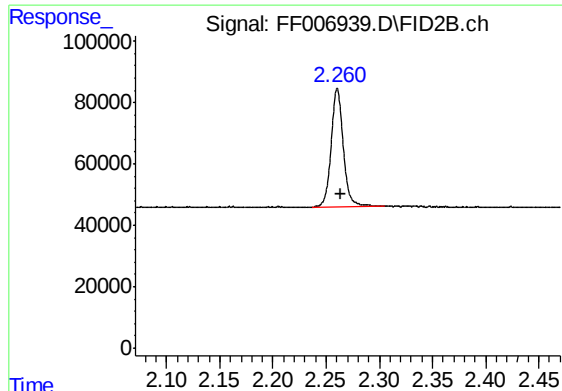
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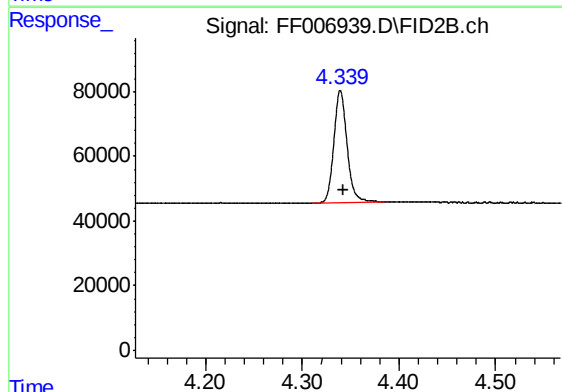




#1 N-OCTANE

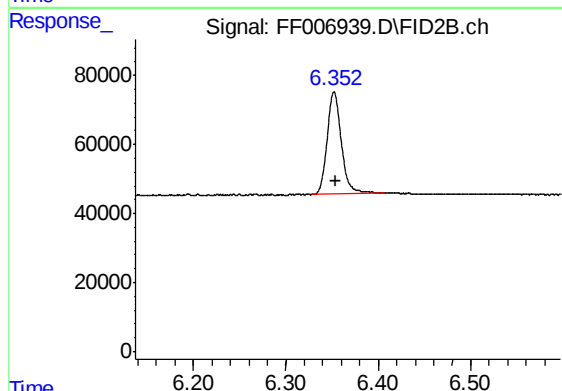
R.T.: 2.261 min
Delta R.T.: -0.003 min
Response: 305442
Conc: 2.21 ug/ml

Instrument :
FID_F
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LOD-MDL-SOIL-01-QT2-2020



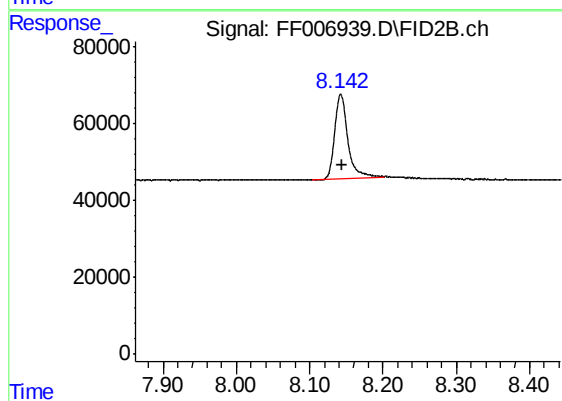
#2 N-DECANE

R.T.: 4.339 min
Delta R.T.: -0.003 min
Response: 329465
Conc: 2.39 ug/ml



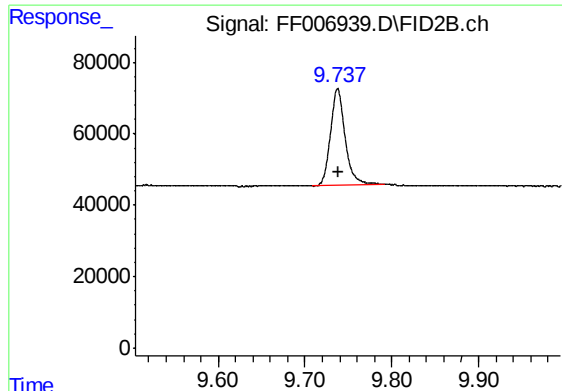
#3 N-DODECANE

R.T.: 6.352 min
Delta R.T.: -0.002 min
Response: 317714
Conc: 2.23 ug/ml



#4 N-TETRADECANE

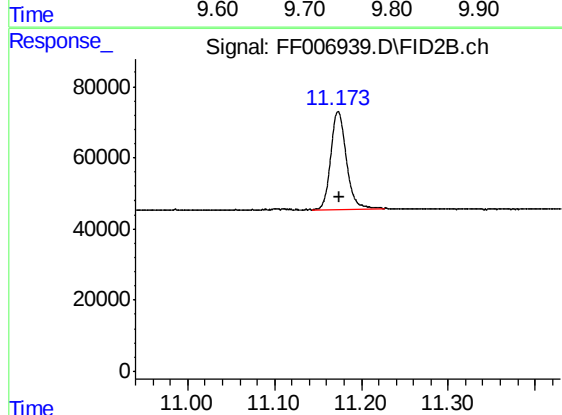
R.T.: 8.142 min
Delta R.T.: -0.002 min
Response: 271729
Conc: 1.87 ug/ml



#5 N-HEXADECANE

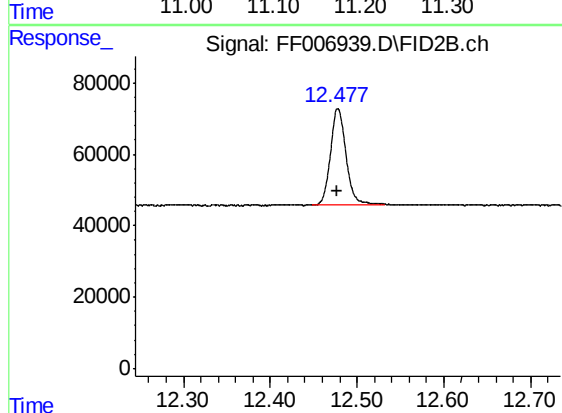
R.T.: 9.738 min
Delta R.T.: 0.000 min
Response: 318308
Conc: 2.16 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



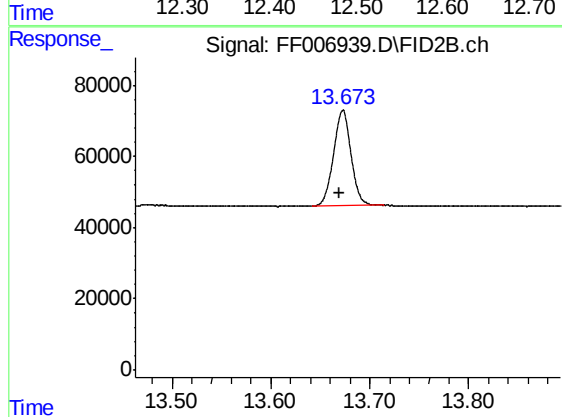
#6 N-OCTADECANE

R.T.: 11.173 min
Delta R.T.: 0.000 min
Response: 342060
Conc: 2.20 ug/ml



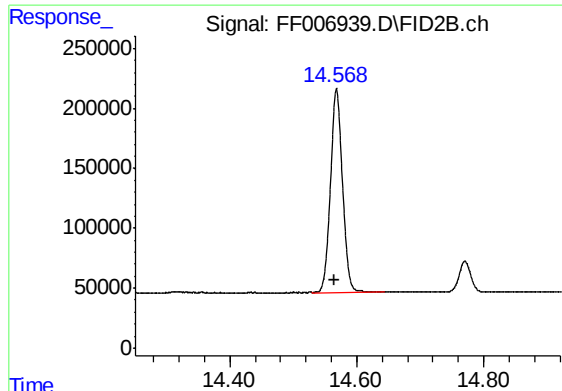
#7 N-EICOSANE

R.T.: 12.478 min
Delta R.T.: 0.001 min
Response: 334067
Conc: 2.16 ug/ml



#8 N-DOCOSANE

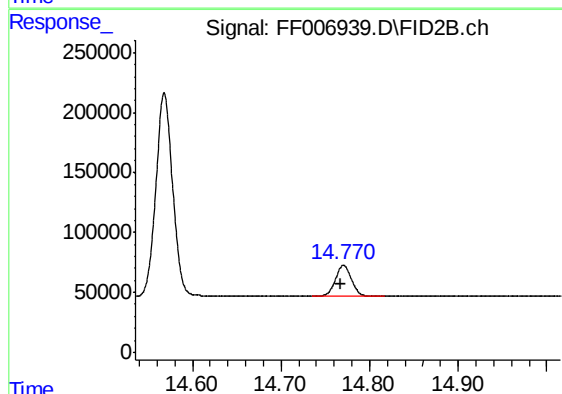
R.T.: 13.673 min
Delta R.T.: 0.004 min
Response: 331469
Conc: 2.12 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

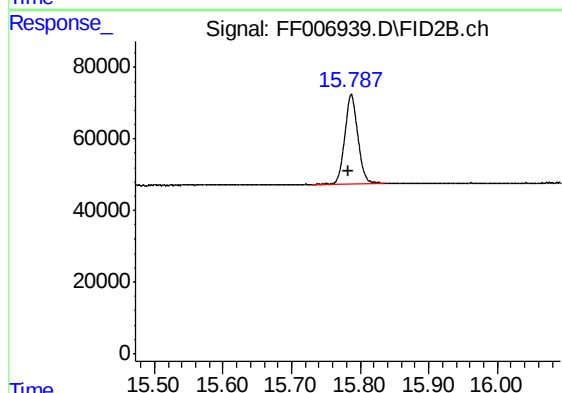
R.T.: 14.568 min
Delta R.T.: 0.003 min
Response: 2240961
Conc: 16.50 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



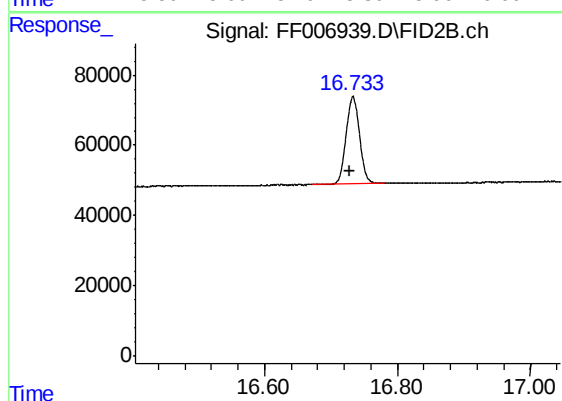
#10 N-TETRACOSANE

R.T.: 14.771 min
Delta R.T.: 0.003 min
Response: 332154
Conc: 2.13 ug/ml



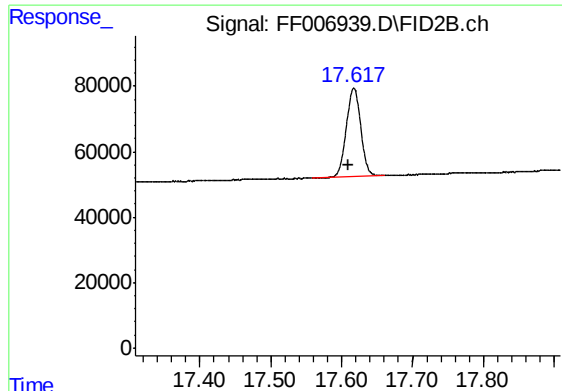
#11 N-HEXACOSANE

R.T.: 15.787 min
Delta R.T.: 0.004 min
Response: 325327
Conc: 2.11 ug/ml



#12 N-OCTACOSANE

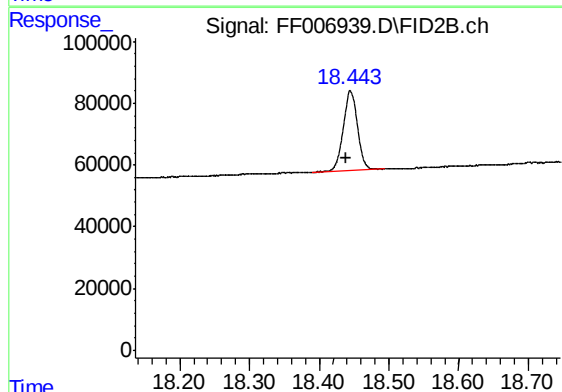
R.T.: 16.733 min
Delta R.T.: 0.005 min
Response: 349475
Conc: 2.27 ug/ml



#13 N-TRIACONTANE

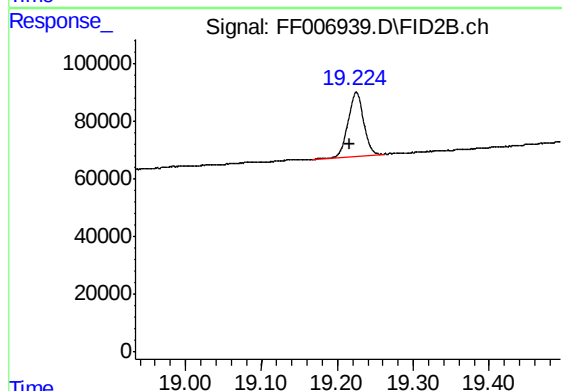
R.T.: 17.617 min
Delta R.T.: 0.007 min
Response: 380350
Conc: 2.45 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



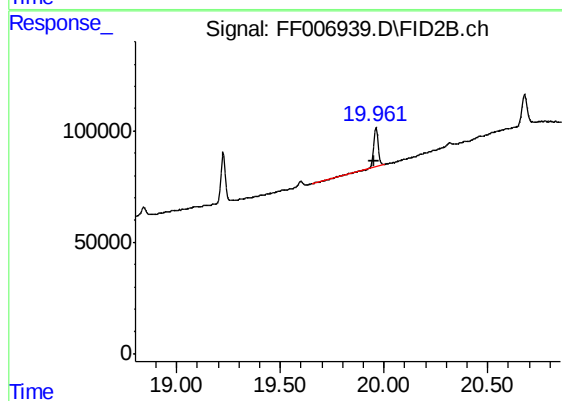
#14 N-DOTRIACONTANE

R.T.: 18.445 min
Delta R.T.: 0.007 min
Response: 367171
Conc: 2.50 ug/ml



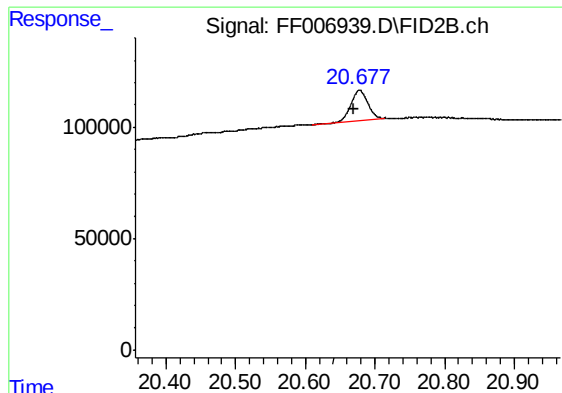
#15 N-TETRATRIACONTANE

R.T.: 19.225 min
Delta R.T.: 0.008 min
Response: 311279
Conc: 2.35 ug/ml



#16 N-HEXATRIACONTANE

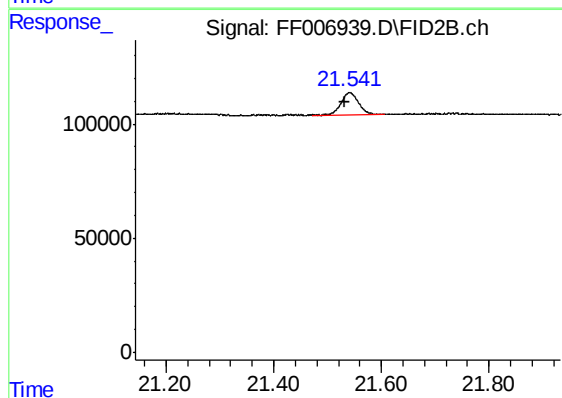
R.T.: 19.962 min
Delta R.T.: 0.008 min
Response: 247031
Conc: 2.05 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.678 min
Delta R.T.: 0.009 min
Response: 229466
Conc: 2.23 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



#18 N-TETRACONTANE

R.T.: 21.542 min
Delta R.T.: 0.009 min
Response: 214234
Conc: 2.05 ug/ml