

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121322\
 Data File : FF011796.D
 Signal(s) : FID2B.ch
 Acq On : 13 Dec 2022 12:13
 Operator : YP\AJ
 Sample : N4955-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-04-QT4-2022

Integration File: autoint1.e
 Quant Time: Dec 14 03:03:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120522.M
 Quant Title :
 QLast Update : Tue Dec 06 04:24:35 2022
 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...	15.053	1997454	17.493 ug/ml
Target Compounds			
1) N-OCTANE	2.092	294328	2.198 ug/ml
2) N-DECANE	4.610	327257	2.375 ug/ml
3) N-DODECANE	6.772	324273	2.348 ug/ml
4) N-TETRADECANE	8.598	320193	2.328 ug/ml
5) N-HEXADECANE	10.204	325660	2.349 ug/ml
6) N-OCTADECANE	11.645	326149	2.344 ug/ml
7) N-EICOSANE	12.954	326539	2.412 ug/ml
8) N-DOCOSANE	14.152	315443	2.381 ug/ml
10) N-TETRACOSANE	15.255	329790	2.508 ug/ml
11) N-HEXACOSANE	16.276	304220	2.399 ug/ml
12) N-OCTACOSANE	17.226	309523	2.511 ug/ml
13) N-TRIACONTANE	18.113	334404	2.760 ug/ml
14) N-DOTRIACONTANE	18.944	336948	2.800 ug/ml
15) N-TETRATRIACONTANE	19.727	297012	2.506 ug/ml
16) N-HEXATRIACONTANE	20.466	232499	1.999 ug/ml
17) N-OCTATRIACONTANE	21.207	206761	1.711 ug/ml
18) N-TETRACONTANE	22.130	184851	1.417 ug/ml

(f)=RT Delta > 1/2 Window

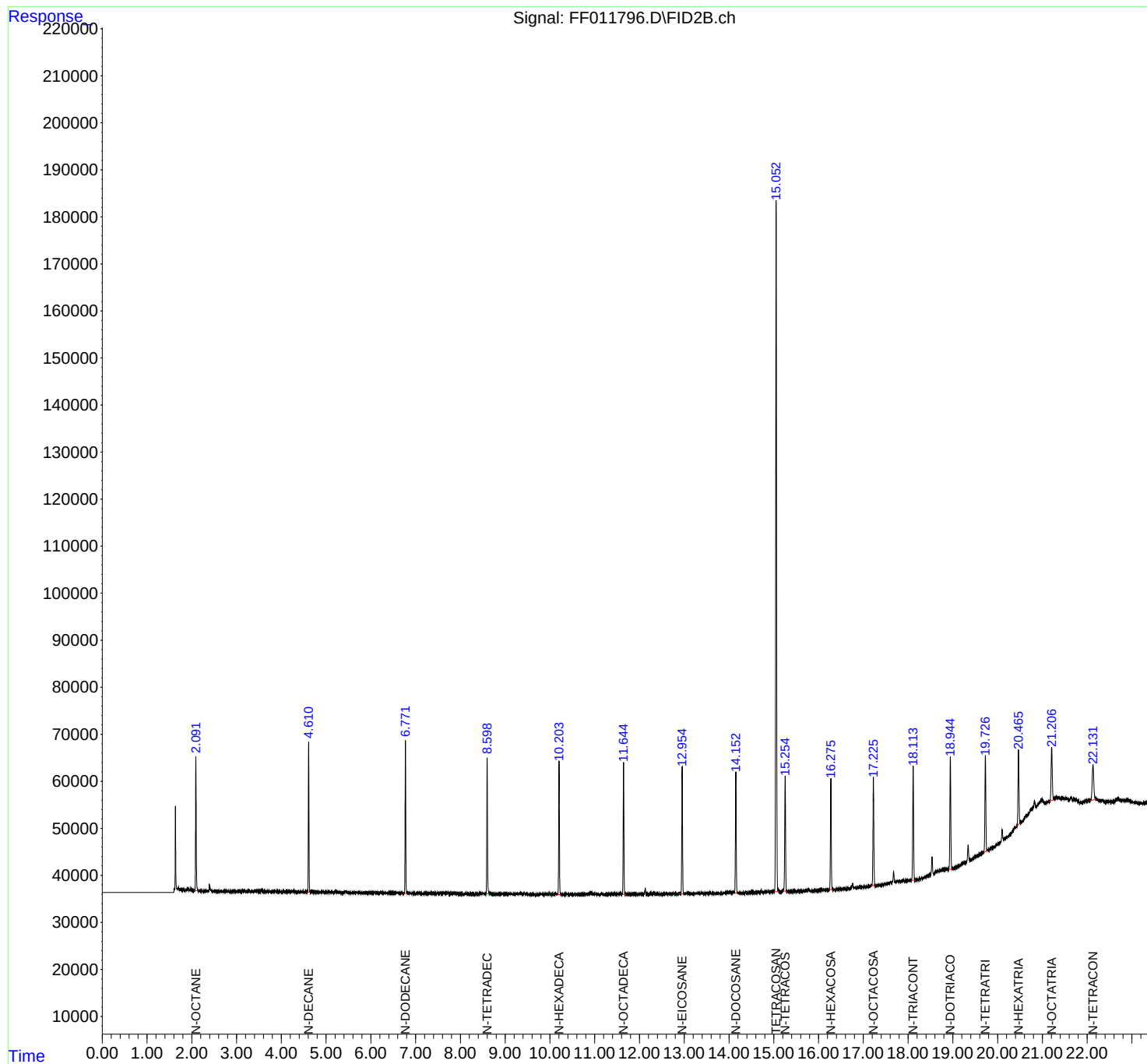
(m)=manual int.

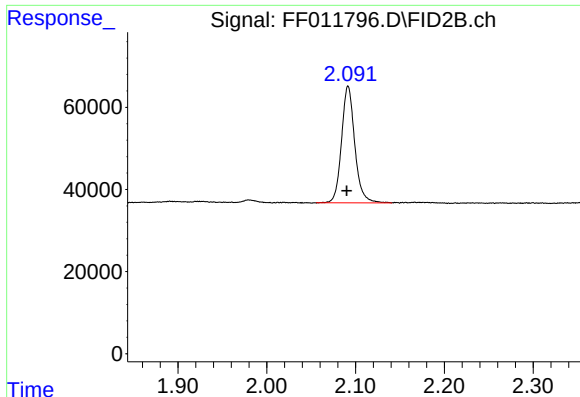
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121322\
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

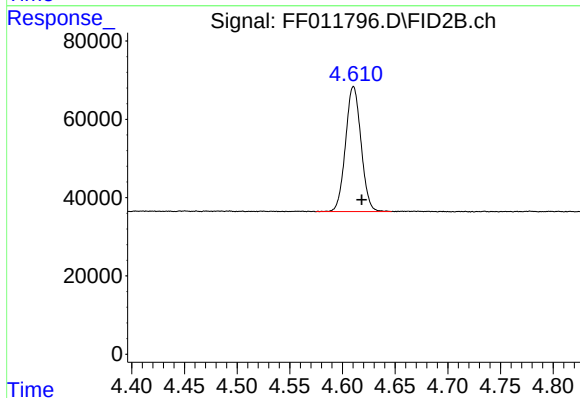




#1 N-OCTANE

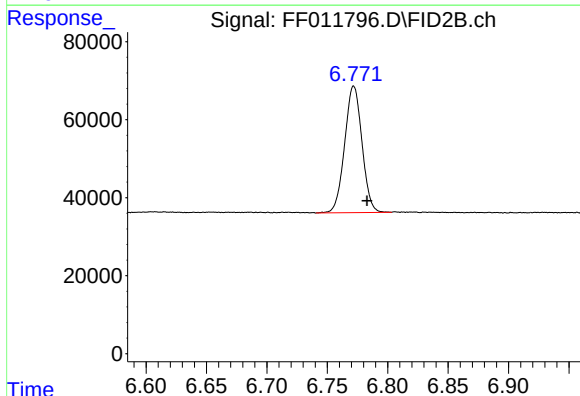
R.T.: 2.092 min
Delta R.T.: 0.002 min
Response: 294328
Conc: 2.20 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-04-QT4-2022



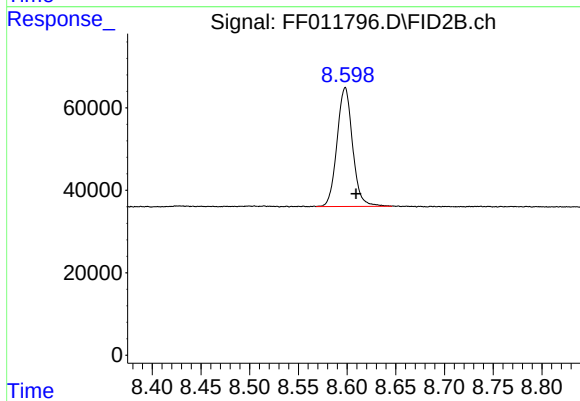
#2 N-DECANE

R.T.: 4.610 min
Delta R.T.: -0.008 min
Response: 327257
Conc: 2.38 ug/ml



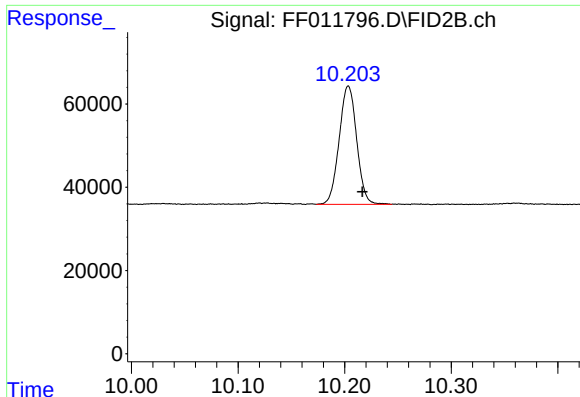
#3 N-DODECANE

R.T.: 6.772 min
Delta R.T.: -0.011 min
Response: 324273
Conc: 2.35 ug/ml



#4 N-TETRADECANE

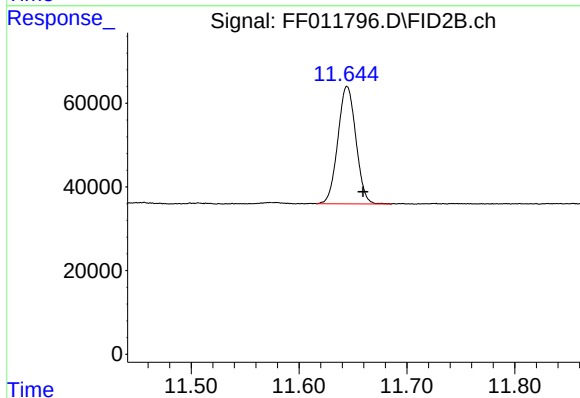
R.T.: 8.598 min
Delta R.T.: -0.011 min
Response: 320193
Conc: 2.33 ug/ml



#5 N-HEXADECANE

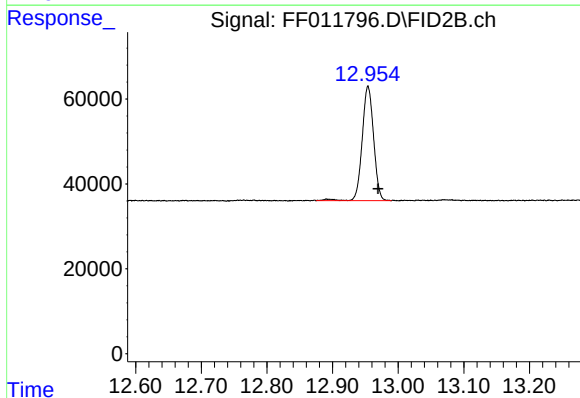
R.T.: 10.204 min
Delta R.T.: -0.013 min
Response: 325660
Conc: 2.35 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-04-QT4-2022



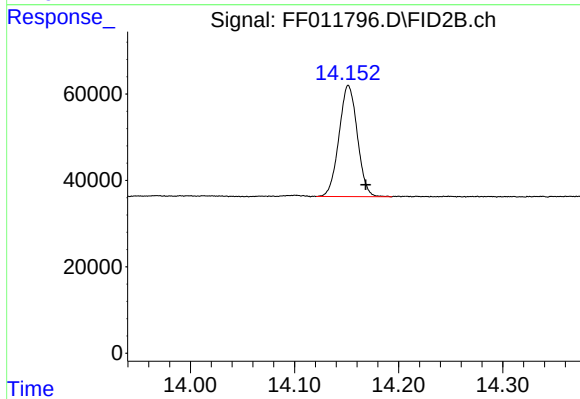
#6 N-OCTADECANE

R.T.: 11.645 min
Delta R.T.: -0.015 min
Response: 326149
Conc: 2.34 ug/ml



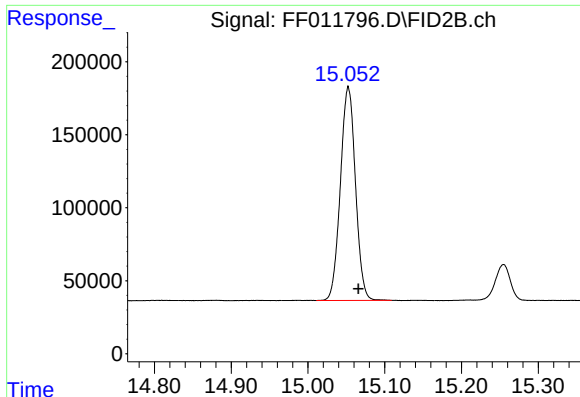
#7 N-EICOSANE

R.T.: 12.954 min
Delta R.T.: -0.015 min
Response: 326539
Conc: 2.41 ug/ml



#8 N-DOCOSANE

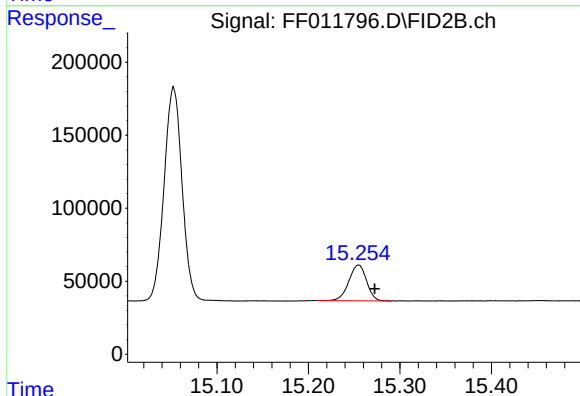
R.T.: 14.152 min
Delta R.T.: -0.017 min
Response: 315443
Conc: 2.38 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

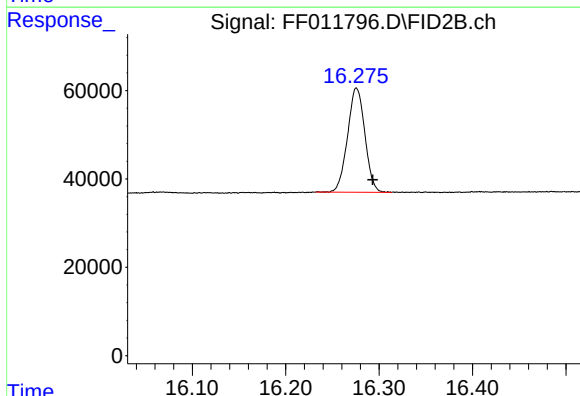
R.T.: 15.053 min
Delta R.T.: -0.013 min
Response: 1997454
Conc: 17.49 ug/ml

Instrument :
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LOD-MDL-SOIL-04-QT4-2022



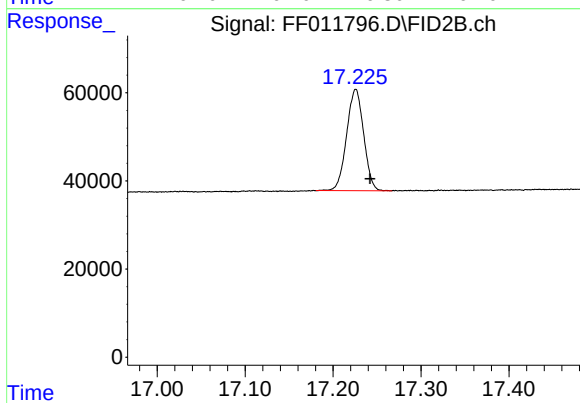
#10 N-TETRACOSANE

R.T.: 15.255 min
Delta R.T.: -0.018 min
Response: 329790
Conc: 2.51 ug/ml



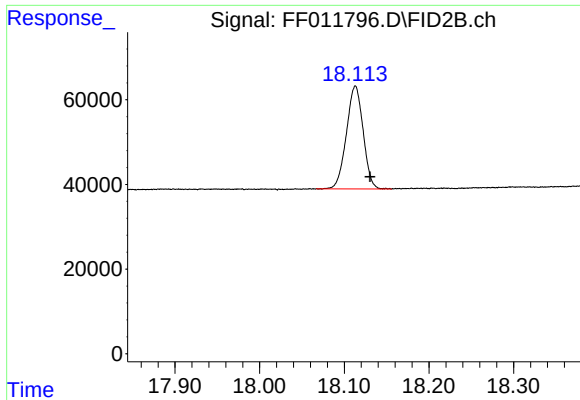
#11 N-HEXACOSANE

R.T.: 16.276 min
Delta R.T.: -0.018 min
Response: 304220
Conc: 2.40 ug/ml



#12 N-OCTACOSANE

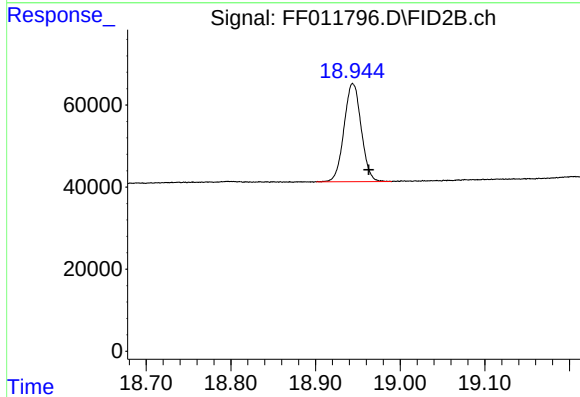
R.T.: 17.226 min
Delta R.T.: -0.016 min
Response: 309523
Conc: 2.51 ug/ml



#13 N-TRIACONTANE

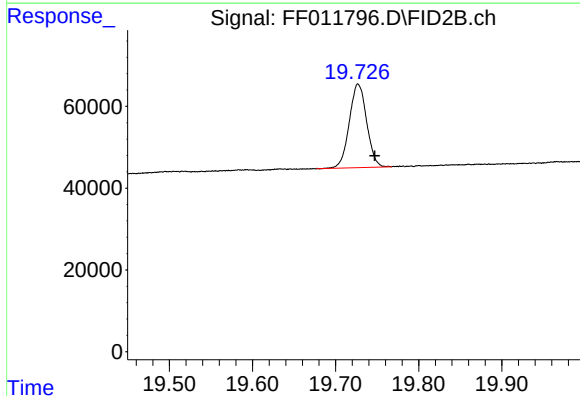
R.T.: 18.113 min
Delta R.T.: -0.017 min
Response: 334404
Conc: 2.76 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-04-QT4-2022



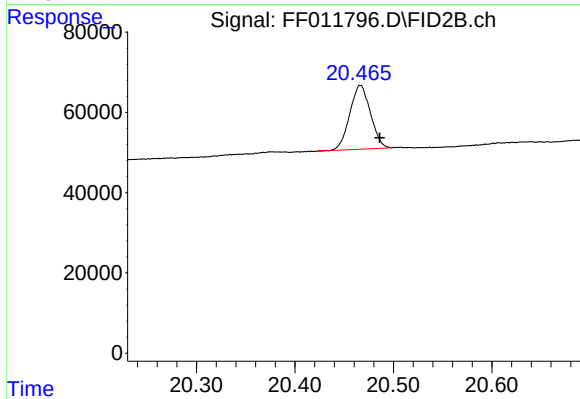
#14 N-DOTRIACONTANE

R.T.: 18.944 min
Delta R.T.: -0.019 min
Response: 336948
Conc: 2.80 ug/ml



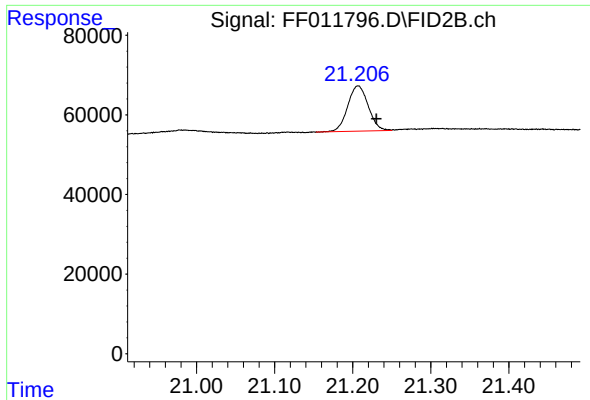
#15 N-TETRATRIACONTANE

R.T.: 19.727 min
Delta R.T.: -0.020 min
Response: 297012
Conc: 2.51 ug/ml



#16 N-HEXATRIACONTANE

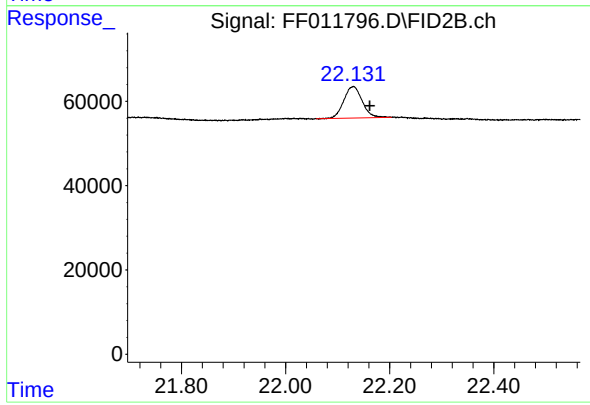
R.T.: 20.466 min
Delta R.T.: -0.020 min
Response: 232499
Conc: 2.00 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.207 min
Delta R.T.: -0.024 min
Response: 206761
Conc: 1.71 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.130 min
Delta R.T.: -0.031 min
Response: 184851
Conc: 1.42 ug/ml