

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082625\
 Data File : FF016224.D
 Signal(s) : FID2B.ch
 Acq On : 26 Aug 2025 12:07
 Operator : YP\AJ
 Sample : Q2893-04
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-04-QT3-2025

Integration File: autoint1.e
 Quant Time: Aug 26 12:15:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080625.M
 Quant Title :
 QLast Update : Wed Aug 06 13:50:48 2025
 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...	15.078	2608045	23.365 ug/ml
Target Compounds			
1) N-OCTANE	2.064	331067	2.910 ug/ml
2) N-DECANE	4.597	357192	3.068 ug/ml
3) N-DODECANE	6.774	359486	3.043 ug/ml
4) N-TETRADECANE	8.607	373541	3.090 ug/ml
5) N-HEXADECANE	10.217	380482	3.130 ug/ml
6) N-OCTADECANE	11.663	397662	3.177 ug/ml
7) N-EICOSANE	12.975	408534	3.157 ug/ml
8) N-DOCOSANE	14.176	402998	3.188 ug/ml
10) N-TETRACOSANE	15.281	405757	3.202 ug/ml
11) N-HEXACOSANE	16.304	392054	3.167 ug/ml
12) N-OCTACOSANE	17.257	402839	3.218 ug/ml
13) N-TRIACONTANE	18.147	430967	3.374 ug/ml
14) N-DOTRIACONTANE	18.982	433740	3.485 ug/ml
15) N-TETRATRIACONTANE	19.768	370580	3.311 ug/ml
16) N-HEXATRIACONTANE	20.510	293584	3.190 ug/ml
17) N-OCTATRIACONTANE	21.271	248801	3.257 ug/ml
18) N-TETRACONTANE	22.225	213169	3.245 ug/ml

(f)=RT Delta > 1/2 Window

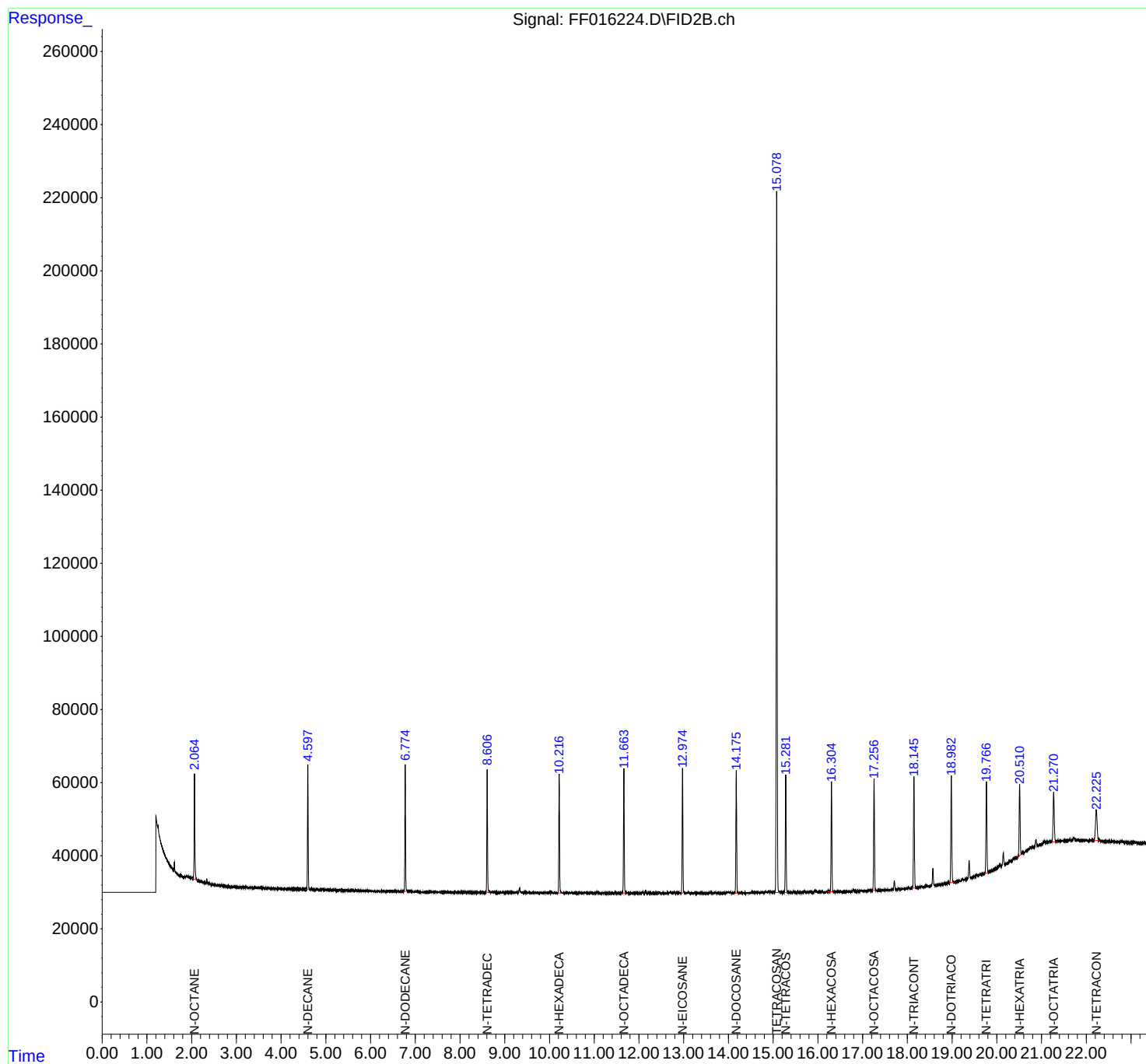
(m)=manual int.

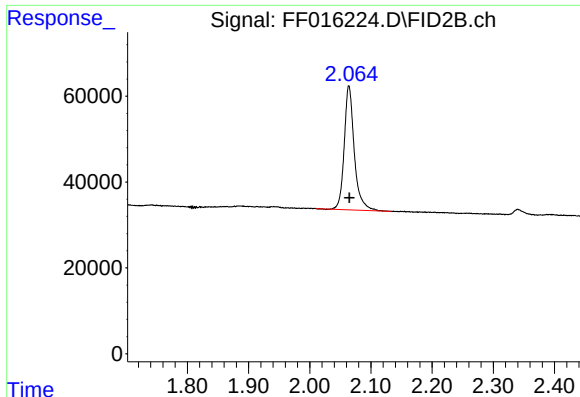
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Signal Info : 20mx0.18mmx0.18um

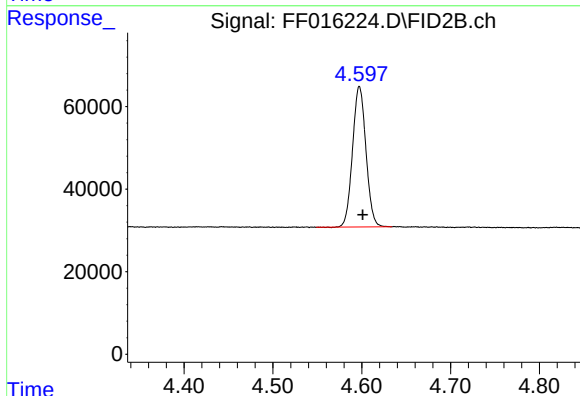




#1 N-OCTANE

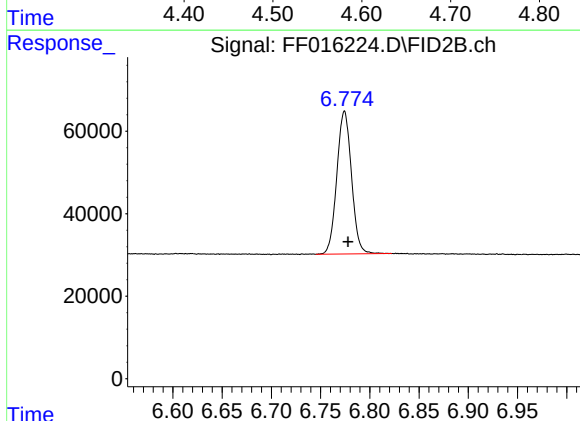
R.T.: 2.064 min
Delta R.T.: 0.000 min
Response: 331067
Conc: 2.91 ug/ml

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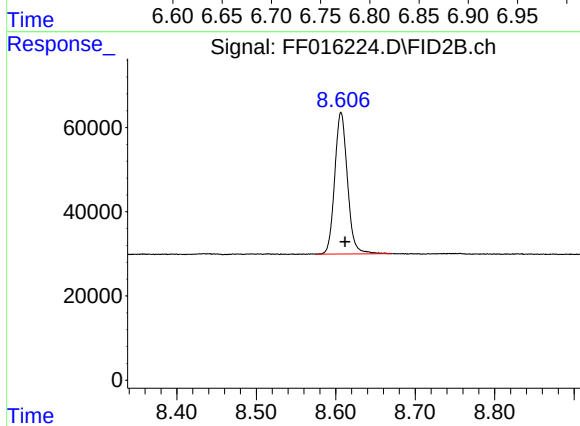
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: -0.004 min
Response: 357192
Conc: 3.07 ug/ml



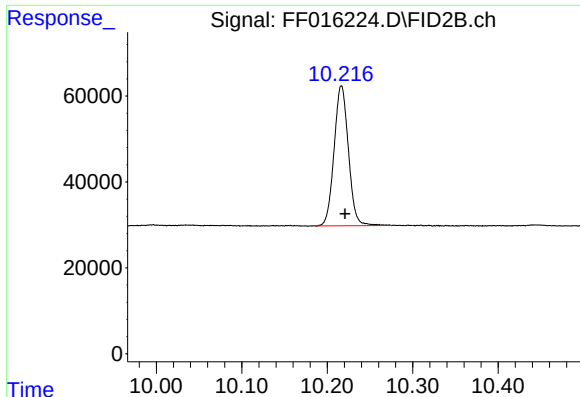
#3 N-DODECANE

R.T.: 6.774 min
Delta R.T.: -0.004 min
Response: 359486
Conc: 3.04 ug/ml



#4 N-TETRADECANE

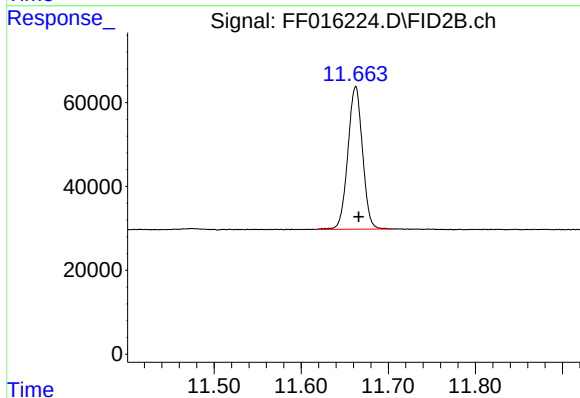
R.T.: 8.607 min
Delta R.T.: -0.005 min
Response: 373541
Conc: 3.09 ug/ml



#5 N-HEXADECANE

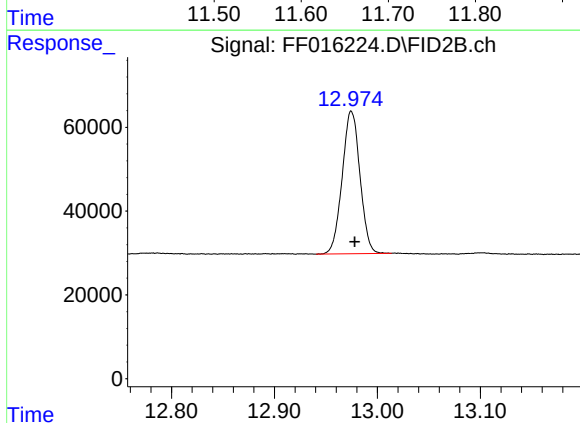
R.T.: 10.217 min
Delta R.T.: -0.004 min
Response: 380482
Conc: 3.13 ug/ml

Instrument :
FID_F
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LOD-MDL-SOIL-04-QT3-2025



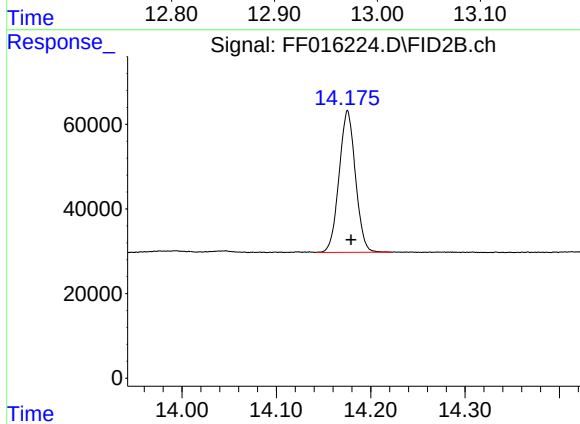
#6 N-OCTADECANE

R.T.: 11.663 min
Delta R.T.: -0.003 min
Response: 397662
Conc: 3.18 ug/ml



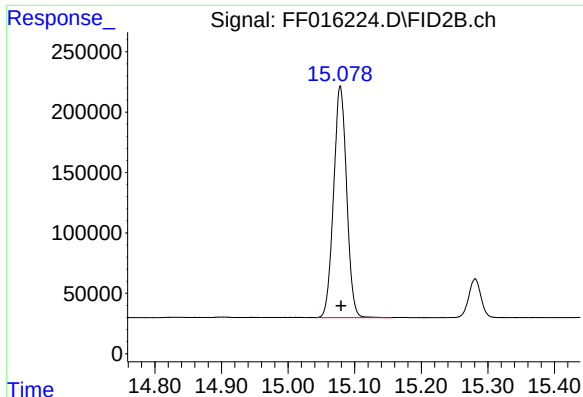
#7 N-EICOSANE

R.T.: 12.975 min
Delta R.T.: -0.003 min
Response: 408534
Conc: 3.16 ug/ml



#8 N-DOCOSANE

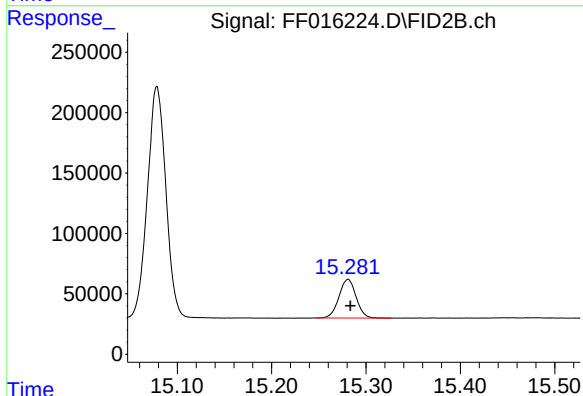
R.T.: 14.176 min
Delta R.T.: -0.004 min
Response: 402998
Conc: 3.19 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

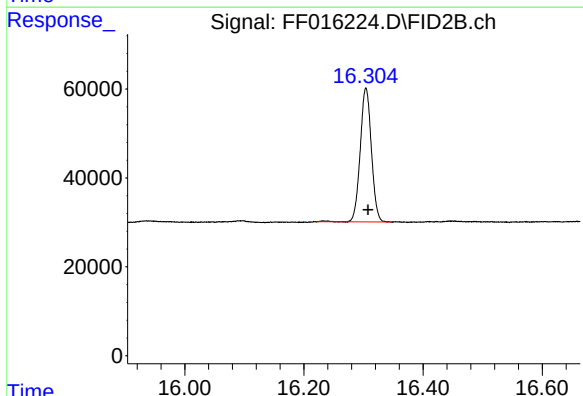
R.T.: 15.078 min
Delta R.T.: -0.001 min
Response: 2608045
Conc: 23.37 ug/ml

Instrument :
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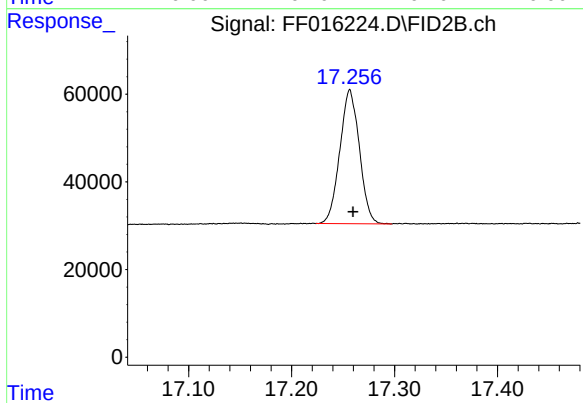
#10 N-TETRACOSANE

R.T.: 15.281 min
Delta R.T.: -0.003 min
Response: 405757
Conc: 3.20 ug/ml



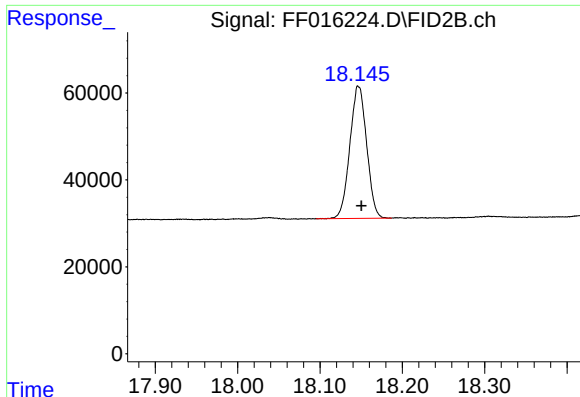
#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: -0.003 min
Response: 392054
Conc: 3.17 ug/ml



#12 N-OCTACOSANE

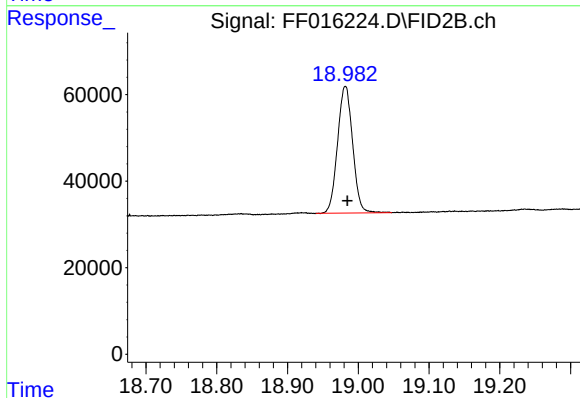
R.T.: 17.257 min
Delta R.T.: -0.003 min
Response: 402839
Conc: 3.22 ug/ml



#13 N-TRIACONTANE

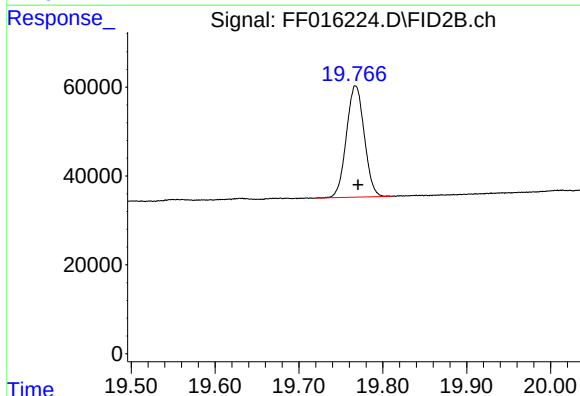
R.T.: 18.147 min
Delta R.T.: -0.004 min
Response: 430967
Conc: 3.37 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2025



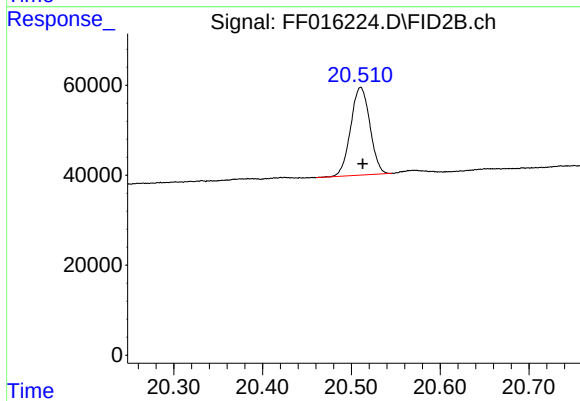
#14 N-DOTRIACONTANE

R.T.: 18.982 min
Delta R.T.: -0.003 min
Response: 433740
Conc: 3.48 ug/ml



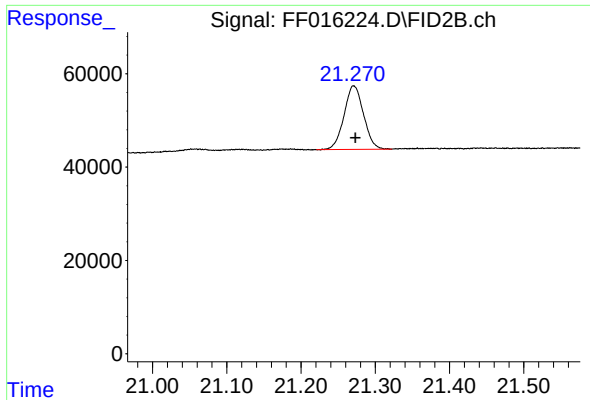
#15 N-TETRATRIACONTANE

R.T.: 19.768 min
Delta R.T.: -0.003 min
Response: 370580
Conc: 3.31 ug/ml



#16 N-HEXATRIACONTANE

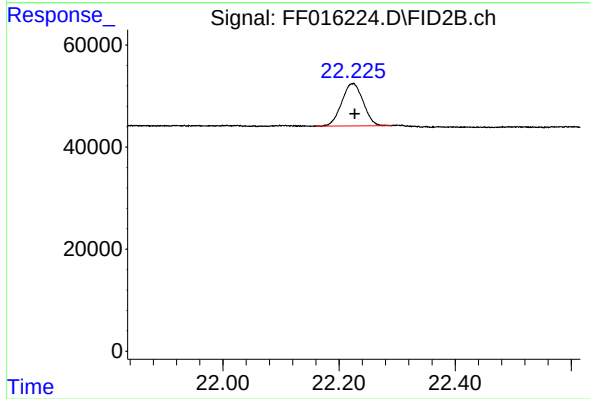
R.T.: 20.510 min
Delta R.T.: -0.002 min
Response: 293584
Conc: 3.19 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.271 min
Delta R.T.: -0.002 min
Response: 248801
Conc: 3.26 ug/ml

Instrument :
FID_F
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#18 N-TETRACONTANE

R.T.: 22.225 min
Delta R.T.: -0.002 min
Response: 213169
Conc: 3.24 ug/ml