

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016015.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jun 2025 17:33
 Operator : YP\AJ
 Sample : Q2126-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-05-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 11 05:53:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 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...	14.973	1942510	15.849 ug/ml
Target Compounds			
1) N-OCTANE	1.952	451409	3.839 ug/ml
2) N-DECANE	4.475	438285	3.730 ug/ml
3) N-DODECANE	6.658	440291	3.628 ug/ml
4) N-TETRADECANE	8.494	483159	3.784 ug/ml
5) N-HEXADECANE	10.108	514689	3.863 ug/ml
6) N-OCTADECANE	11.554	546072	3.957 ug/ml
7) N-EICOSANE	12.868	566790	4.012 ug/ml
8) N-DOCOSANE	14.070	554532	4.037 ug/ml
10) N-TETRACOSANE	15.176	547326	3.981 ug/ml
11) N-HEXACOSANE	16.201	539246	3.969 ug/ml
12) N-OCTACOSANE	17.152	541138	4.014 ug/ml
13) N-TRIACONTANE	18.042	564950	4.140 ug/ml
14) N-DOTRIACONTANE	18.876	561678	4.194 ug/ml
15) N-TETRATRIACONTANE	19.662	520049	4.289 ug/ml
16) N-HEXATRIACONTANE	20.403	456335	4.273 ug/ml
17) N-OCTATRIACONTANE	21.137	407660	4.248 ug/ml
18) N-TETRACONTANE	22.049	366243	4.164 ug/ml

(f)=RT Delta > 1/2 Window

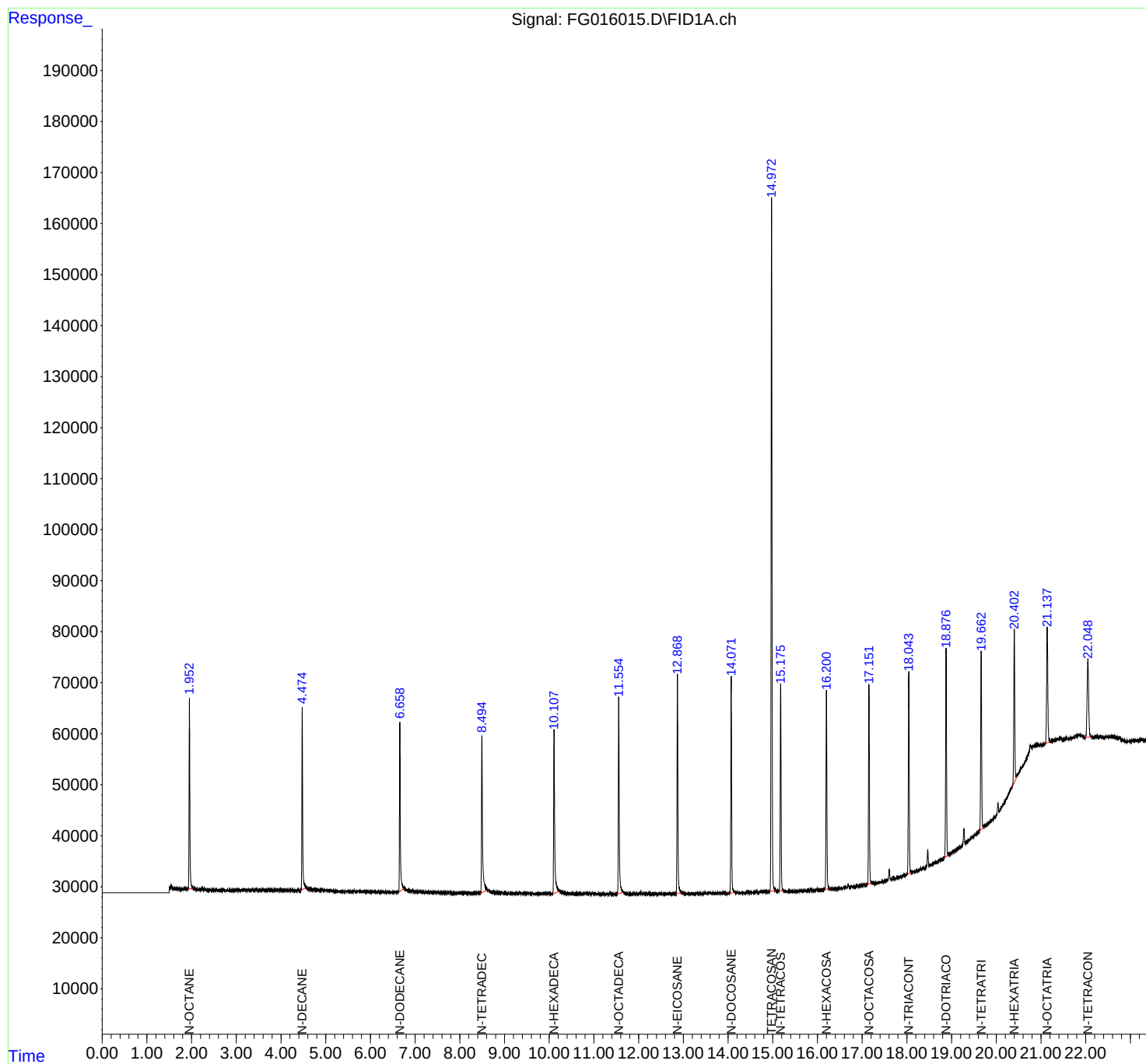
(m)=manual int.

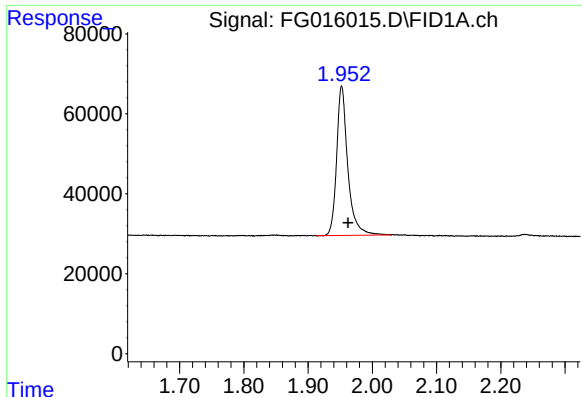
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Signal Info : 20mx0.18mmx0.18um

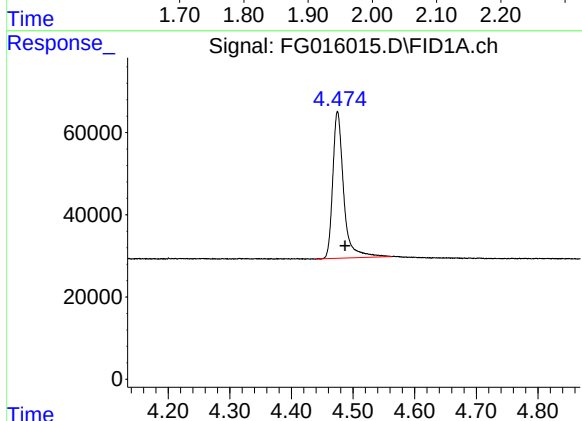




#1 N-OCTANE

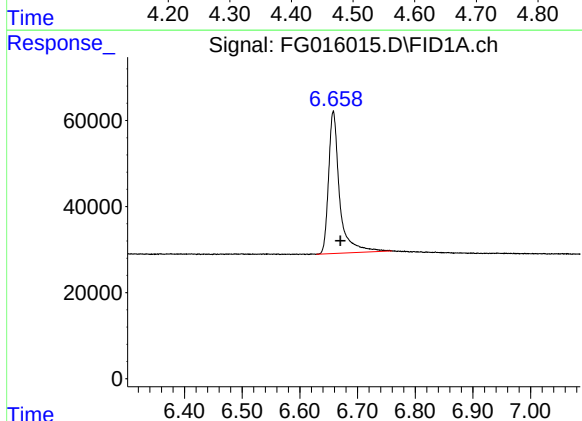
R.T.: 1.952 min
Delta R.T.: -0.010 min
Response: 451409
Conc: 3.84 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT2-2025



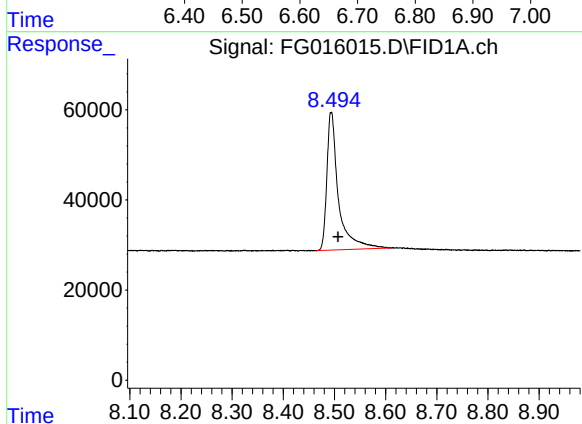
#2 N-DECANE

R.T.: 4.475 min
Delta R.T.: -0.012 min
Response: 438285
Conc: 3.73 ug/ml



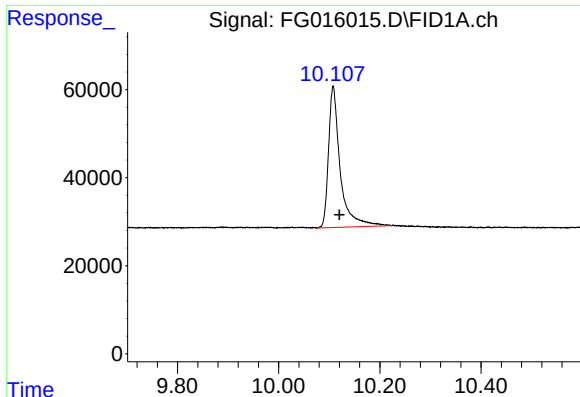
#3 N-DODECANE

R.T.: 6.658 min
Delta R.T.: -0.012 min
Response: 440291
Conc: 3.63 ug/ml



#4 N-TETRADECANE

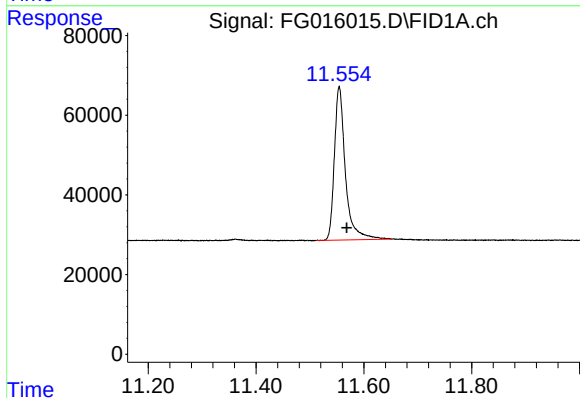
R.T.: 8.494 min
Delta R.T.: -0.013 min
Response: 483159
Conc: 3.78 ug/ml



#5 N-HEXADECANE

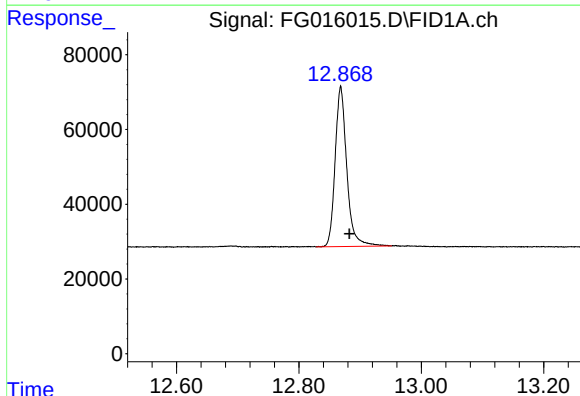
R.T.: 10.108 min
Delta R.T.: -0.012 min
Response: 514689
Conc: 3.86 ug/ml

Instrument :
FID_G
ClientSampleId :
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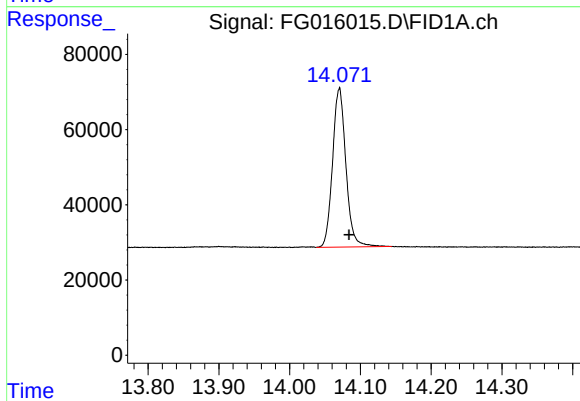
#6 N-OCTADECANE

R.T.: 11.554 min
Delta R.T.: -0.014 min
Response: 546072
Conc: 3.96 ug/ml



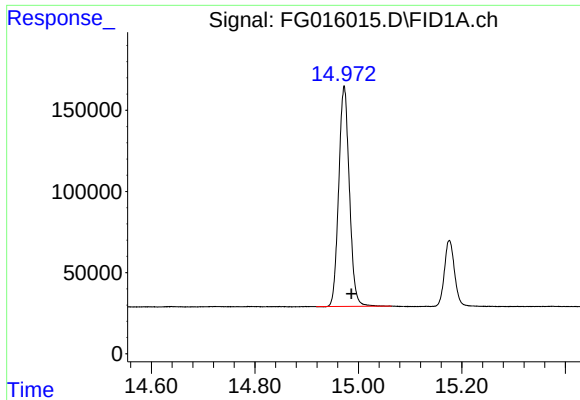
#7 N-EICOSANE

R.T.: 12.868 min
Delta R.T.: -0.014 min
Response: 566790
Conc: 4.01 ug/ml



#8 N-DOCOSANE

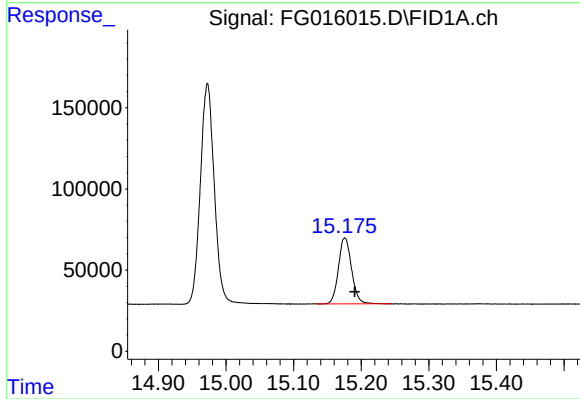
R.T.: 14.070 min
Delta R.T.: -0.013 min
Response: 554532
Conc: 4.04 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

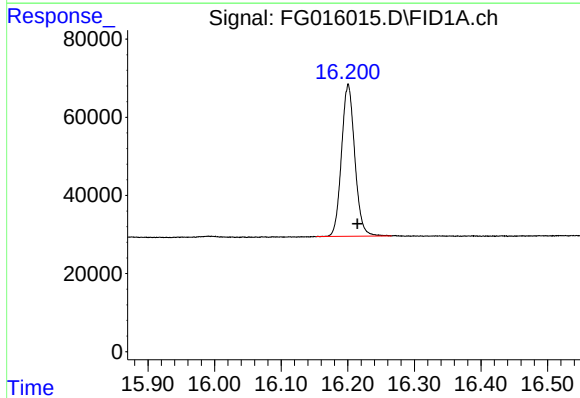
R.T.: 14.973 min
Delta R.T.: -0.014 min
Response: 1942510
Conc: 15.85 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT2-2025



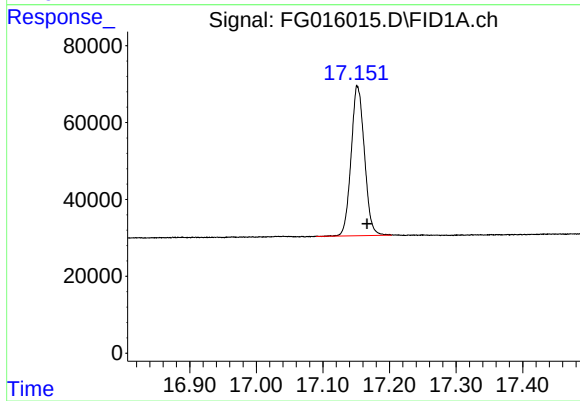
#10 N-TETRACOSANE

R.T.: 15.176 min
Delta R.T.: -0.015 min
Response: 547326
Conc: 3.98 ug/ml



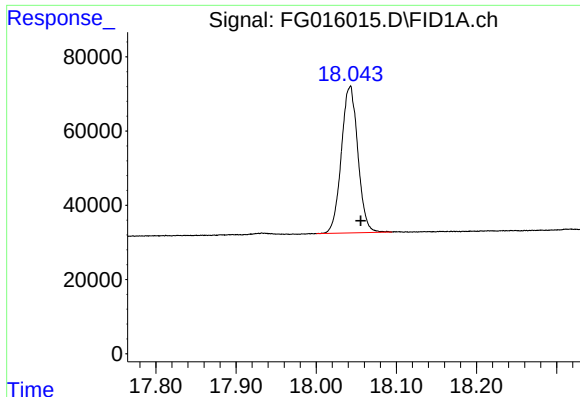
#11 N-HEXACOSANE

R.T.: 16.201 min
Delta R.T.: -0.014 min
Response: 539246
Conc: 3.97 ug/ml



#12 N-OCTACOSANE

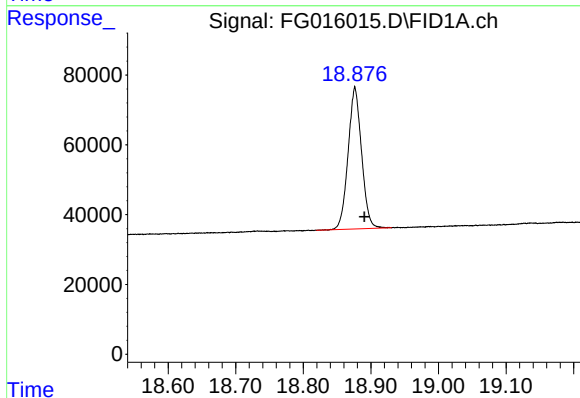
R.T.: 17.152 min
Delta R.T.: -0.015 min
Response: 541138
Conc: 4.01 ug/ml



#13 N-TRIACONTANE

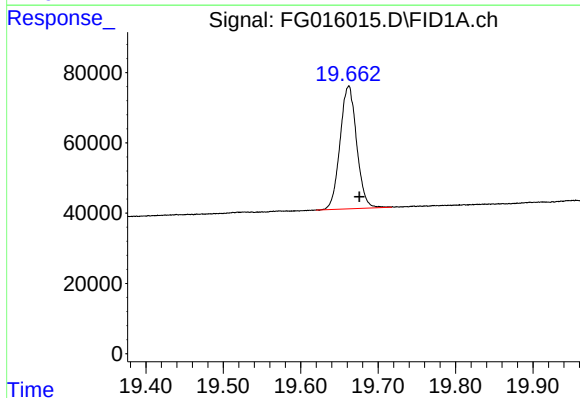
R.T.: 18.042 min
Delta R.T.: -0.013 min
Response: 564950
Conc: 4.14 ug/ml

Instrument :
FID_G
ClientSampleId :
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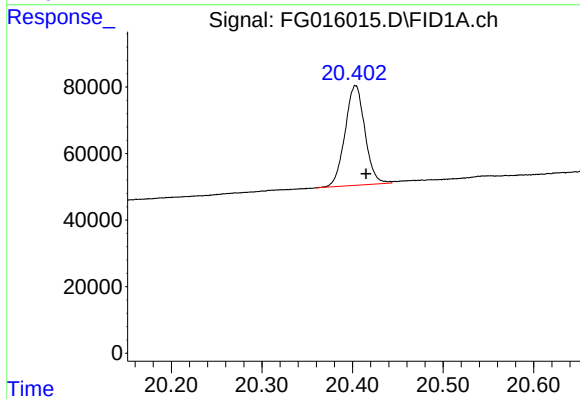
#14 N-DOTRIACONTANE

R.T.: 18.876 min
Delta R.T.: -0.014 min
Response: 561678
Conc: 4.19 ug/ml



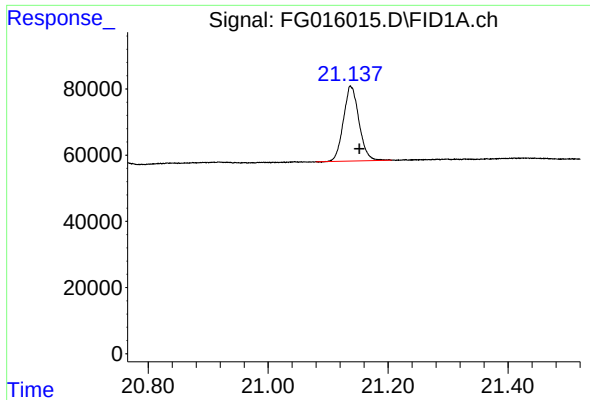
#15 N-TETRATRIACONTANE

R.T.: 19.662 min
Delta R.T.: -0.014 min
Response: 520049
Conc: 4.29 ug/ml



#16 N-HEXATRIACONTANE

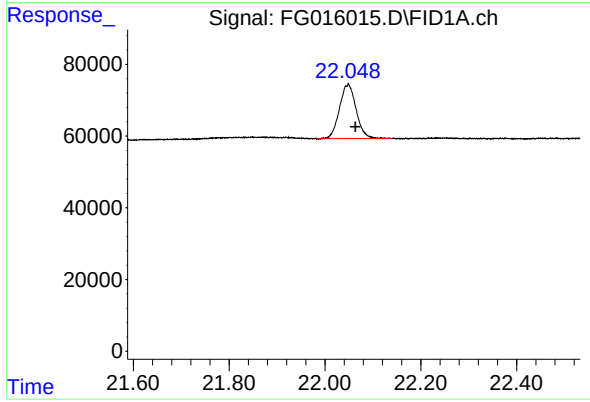
R.T.: 20.403 min
Delta R.T.: -0.012 min
Response: 456335
Conc: 4.27 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.137 min
Delta R.T.: -0.015 min
Response: 407660
Conc: 4.25 ug/ml

Instrument :
FID_G
ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 22.049 min
Delta R.T.: -0.015 min
Response: 366243
Conc: 4.16 ug/ml