

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112125\
 Data File : FG016985.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2025 23:55
 Operator : YP\AJ
 Sample : Q3530-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-05-QT4-2025

Integration File: autoint1.e
 Quant Time: Nov 26 05:04:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:18:34 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...	15.140	1968750	18.301 ug/ml
Target Compounds			
1) N-OCTANE	2.084	538582	4.545 ug/ml
2) N-DECANE	4.618	523284	4.527 ug/ml
3) N-DODECANE	6.800	513623	4.406 ug/ml
4) N-TETRADECANE	8.643	453760	3.969 ug/ml
5) N-HEXADECANE	10.261	468212	4.077 ug/ml
6) N-OCTADECANE	11.711	523788	4.305 ug/ml
7) N-EICOSANE	13.029	558657	4.436 ug/ml
8) N-DOCOSANE	14.235	570196	4.633 ug/ml
10) N-TETRACOSANE	15.344	569104	4.656 ug/ml
11) N-HEXACOSANE	16.374	541636	4.586 ug/ml
12) N-OCTACOSANE	17.329	557779	4.715 ug/ml
13) N-TRIACONTANE	18.221	600036	5.105 ug/ml
14) N-DOTRIACONTANE	19.059	957428	8.443 ug/ml
15) N-TETRATRIACONTANE	19.847	1734131	16.395 ug/ml
16) N-HEXATRIACONTANE	20.592	2660806	28.140 ug/ml
17) N-OCTATRIACONTANE	21.366	3195531	39.621 ug/ml
18) N-TETRACONTANE	22.347	3359105	48.037 ug/ml

(f)=RT Delta > 1/2 Window

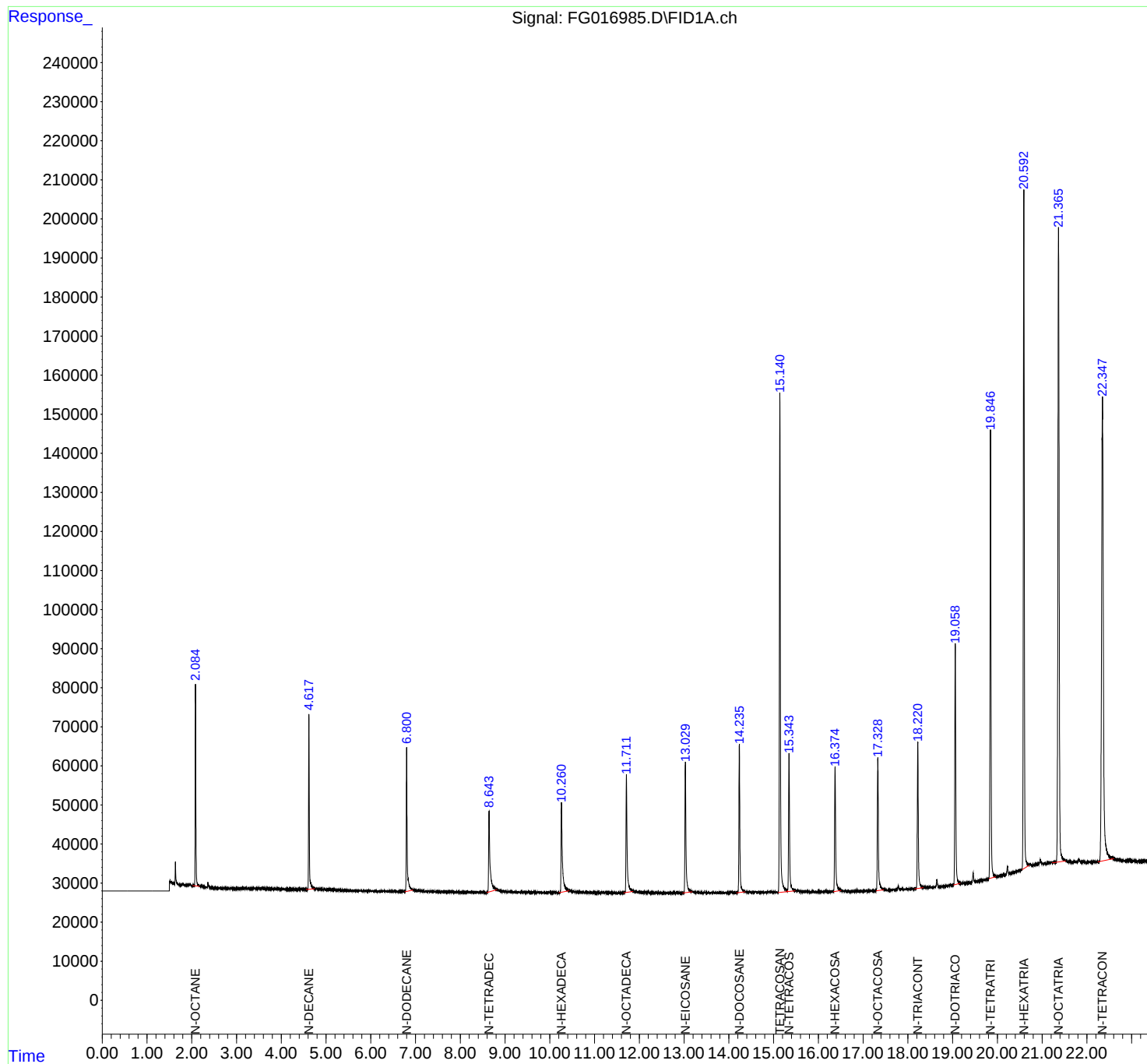
(m)=manual int.

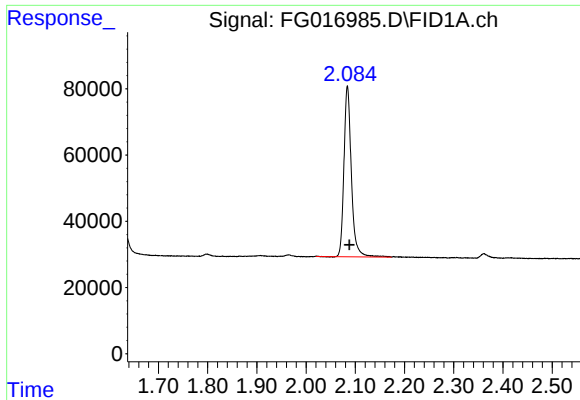
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

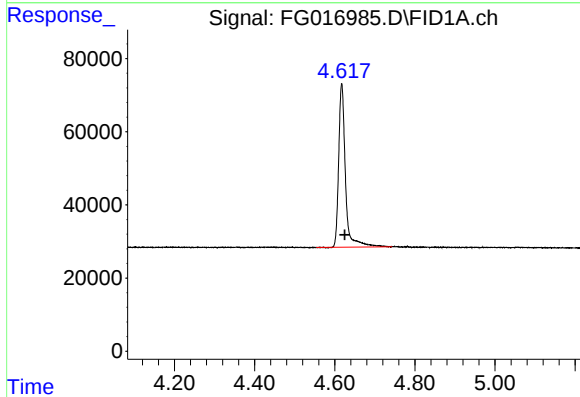




#1 N-OCTANE

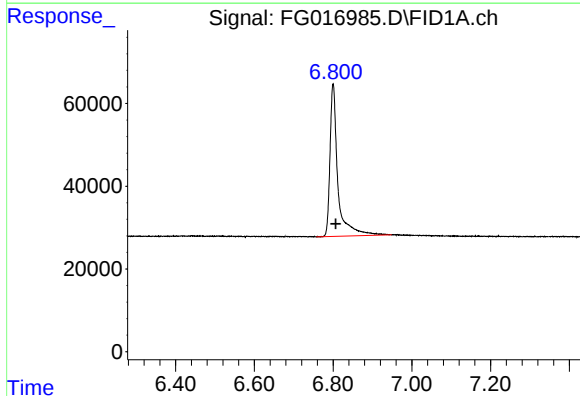
R.T.: 2.084 min
Delta R.T.: -0.004 min
Response: 538582
Conc: 4.55 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT4-2025



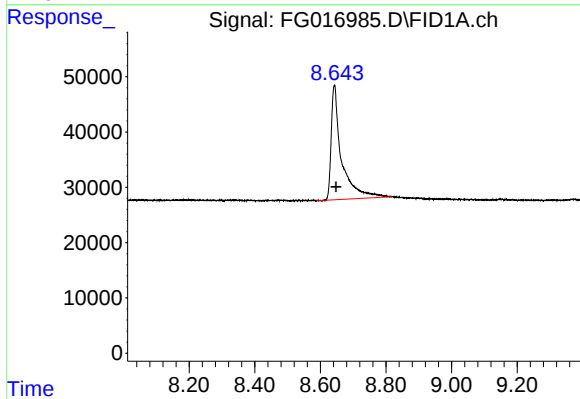
#2 N-DECANE

R.T.: 4.618 min
Delta R.T.: -0.007 min
Response: 523284
Conc: 4.53 ug/ml



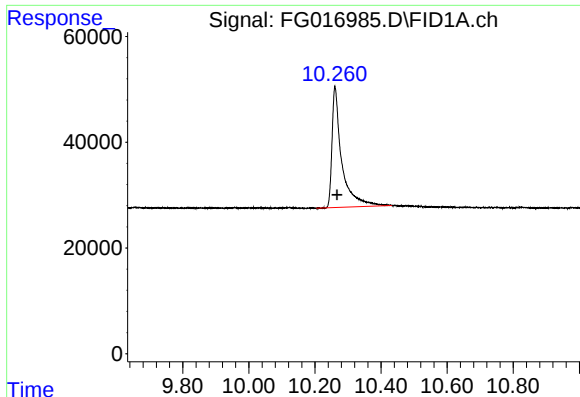
#3 N-DODECANE

R.T.: 6.800 min
Delta R.T.: -0.007 min
Response: 513623
Conc: 4.41 ug/ml



#4 N-TETRADECANE

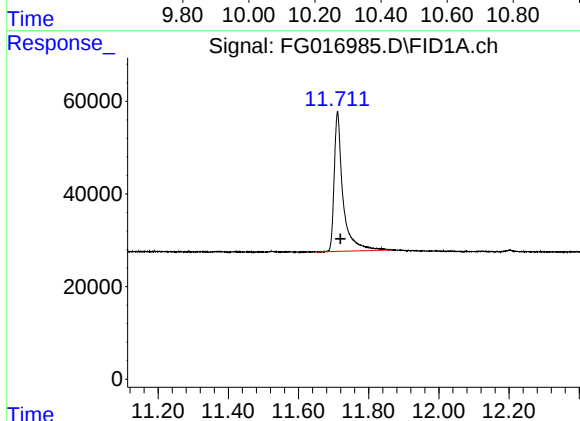
R.T.: 8.643 min
Delta R.T.: -0.005 min
Response: 453760
Conc: 3.97 ug/ml



#5 N-HEXADECANE

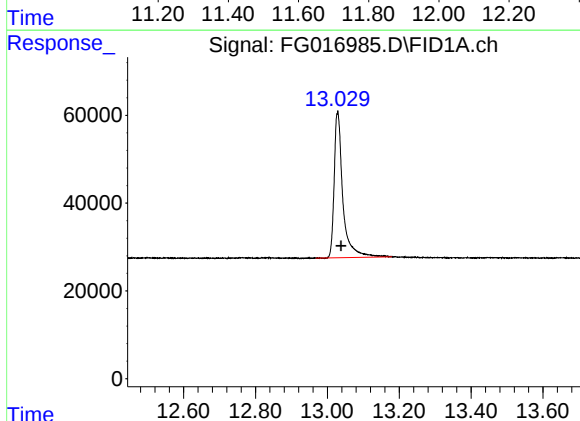
R.T.: 10.261 min
Delta R.T.: -0.006 min
Response: 468212
Conc: 4.08 ug/ml

Instrument :
FID_G
ClientSampleId :
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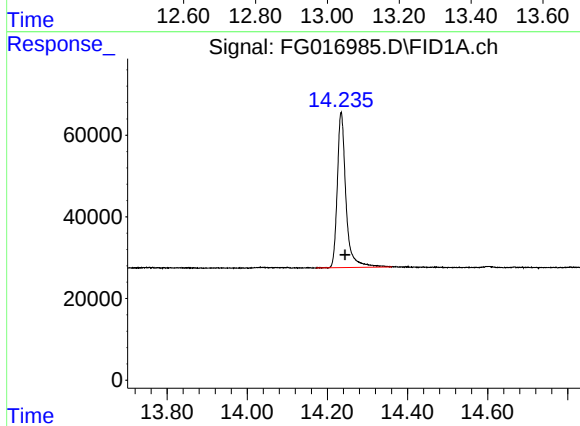
#6 N-OCTADECANE

R.T.: 11.711 min
Delta R.T.: -0.008 min
Response: 523788
Conc: 4.31 ug/ml



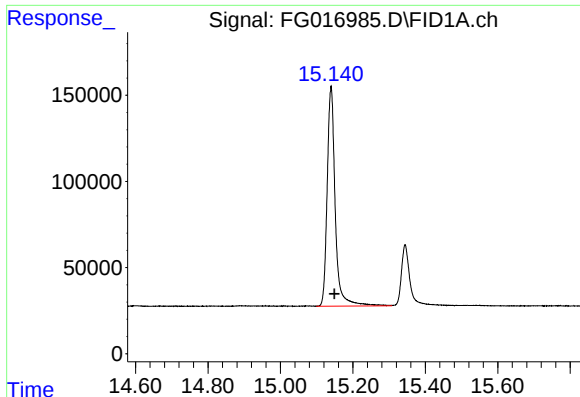
#7 N-EICOSANE

R.T.: 13.029 min
Delta R.T.: -0.009 min
Response: 558657
Conc: 4.44 ug/ml



#8 N-DOCOSANE

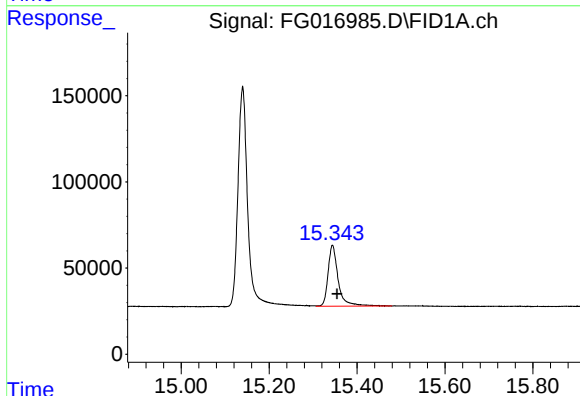
R.T.: 14.235 min
Delta R.T.: -0.009 min
Response: 570196
Conc: 4.63 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

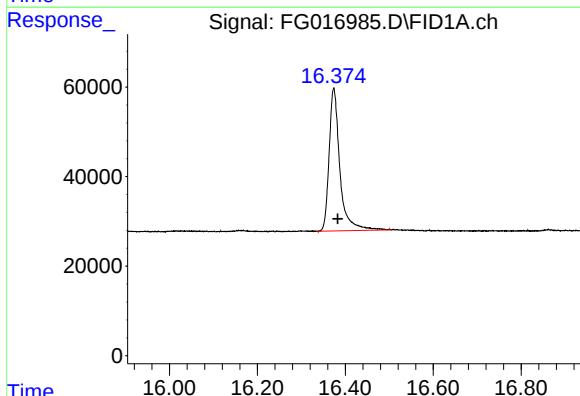
R.T.: 15.140 min
Delta R.T.: -0.010 min
Response: 1968750
Conc: 18.30 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT4-2025



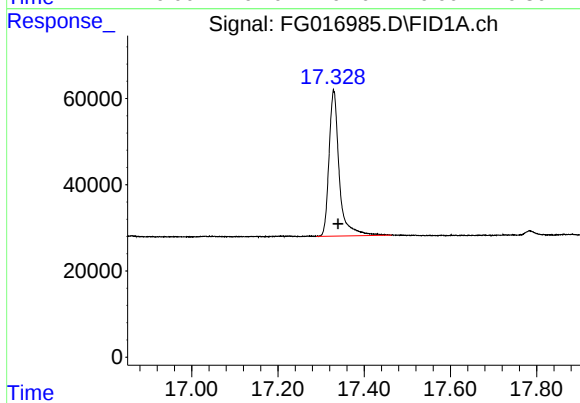
#10 N-TETRACOSANE

R.T.: 15.344 min
Delta R.T.: -0.010 min
Response: 569104
Conc: 4.66 ug/ml



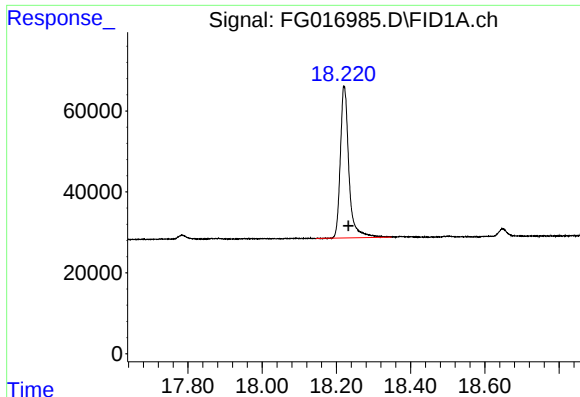
#11 N-HEXACOSANE

R.T.: 16.374 min
Delta R.T.: -0.009 min
Response: 541636
Conc: 4.59 ug/ml



#12 N-OCTACOSANE

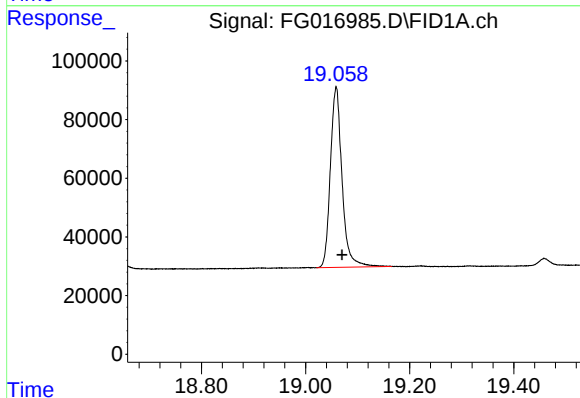
R.T.: 17.329 min
Delta R.T.: -0.010 min
Response: 557779
Conc: 4.71 ug/ml



#13 N-TRIACONTANE

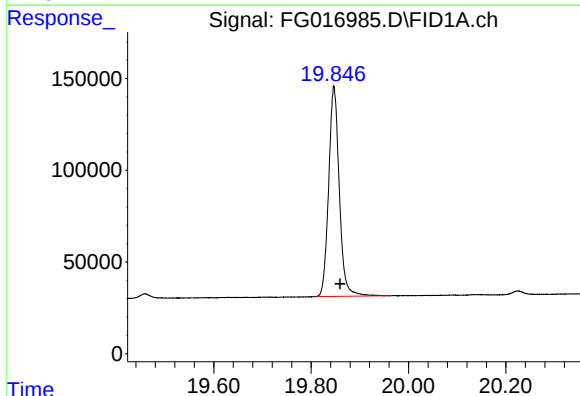
R.T.: 18.221 min
Delta R.T.: -0.011 min
Response: 600036
Conc: 5.11 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT4-2025



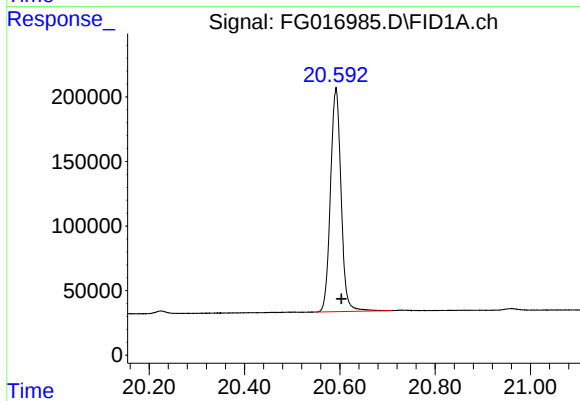
#14 N-DOTRIACONTANE

R.T.: 19.059 min
Delta R.T.: -0.012 min
Response: 957428
Conc: 8.44 ug/ml



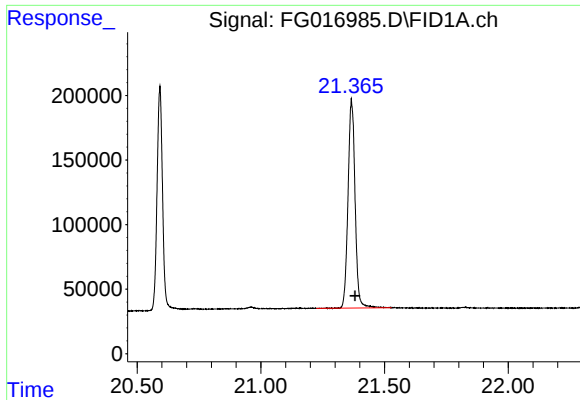
#15 N-TETRATRIACONTANE

R.T.: 19.847 min
Delta R.T.: -0.013 min
Response: 1734131
Conc: 16.39 ug/ml



#16 N-HEXATRIACONTANE

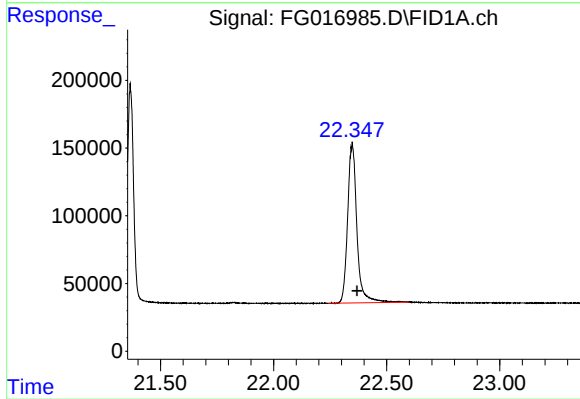
R.T.: 20.592 min
Delta R.T.: -0.012 min
Response: 2660806
Conc: 28.14 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.366 min
Delta R.T.: -0.015 min
Response: 3195531
Conc: 39.62 ug/ml

Instrument :
FID_G
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#18 N-TETRACONTANE

R.T.: 22.347 min
Delta R.T.: -0.021 min
Response: 3359105
Conc: 48.04 ug/ml