

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101821\
 Data File : FG008928.D
 Signal(s) : FID1A.ch
 Acq On : 18 Oct 2021 19:47
 Operator : AJ\MA
 Sample : M4068-05
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-05-QT4-2021

Integration File: autoint1.e
 Quant Time: Oct 19 00:26:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100721.M
 Quant Title :
 QLast Update : Fri Oct 08 03:31:08 2021
 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...	14.736	1811497	15.694 ug/ml
Target Compounds			
1) N-OCTANE	2.338	492358	3.564 ug/ml
2) N-DECANE	4.439	556911	3.992 ug/ml
3) N-DODECANE	6.465	525547	3.727 ug/ml
4) N-TETRADECANE	8.268	481285	3.414 ug/ml
5) N-HEXADECANE	9.873	499458	3.567 ug/ml
6) N-OCTADECANE	11.318	526571	3.726 ug/ml
7) N-EICOSANE	12.632	534447	3.832 ug/ml
8) N-DOCOSANE	13.834	527391	3.910 ug/ml
10) N-TETRACOSANE	14.941	510018	3.884 ug/ml
11) N-HEXACOSANE	15.965	472440	3.774 ug/ml
12) N-OCTACOSANE	16.917	467056	3.919 ug/ml
13) N-TRIACONTANE	17.809	516779	4.556 ug/ml
14) N-DOTRIACONTANE	18.643	512852	4.835 ug/ml
15) N-TETRATRIACONTANE	19.428	420595	4.223 ug/ml
16) N-HEXATRIACONTANE	20.171	337613	3.656 ug/ml
17) N-OCTATRIACONTANE	20.923	261593	2.980 ug/ml
18) N-TETRACONTANE	21.868	261881	2.941 ug/ml

(f)=RT Delta > 1/2 Window

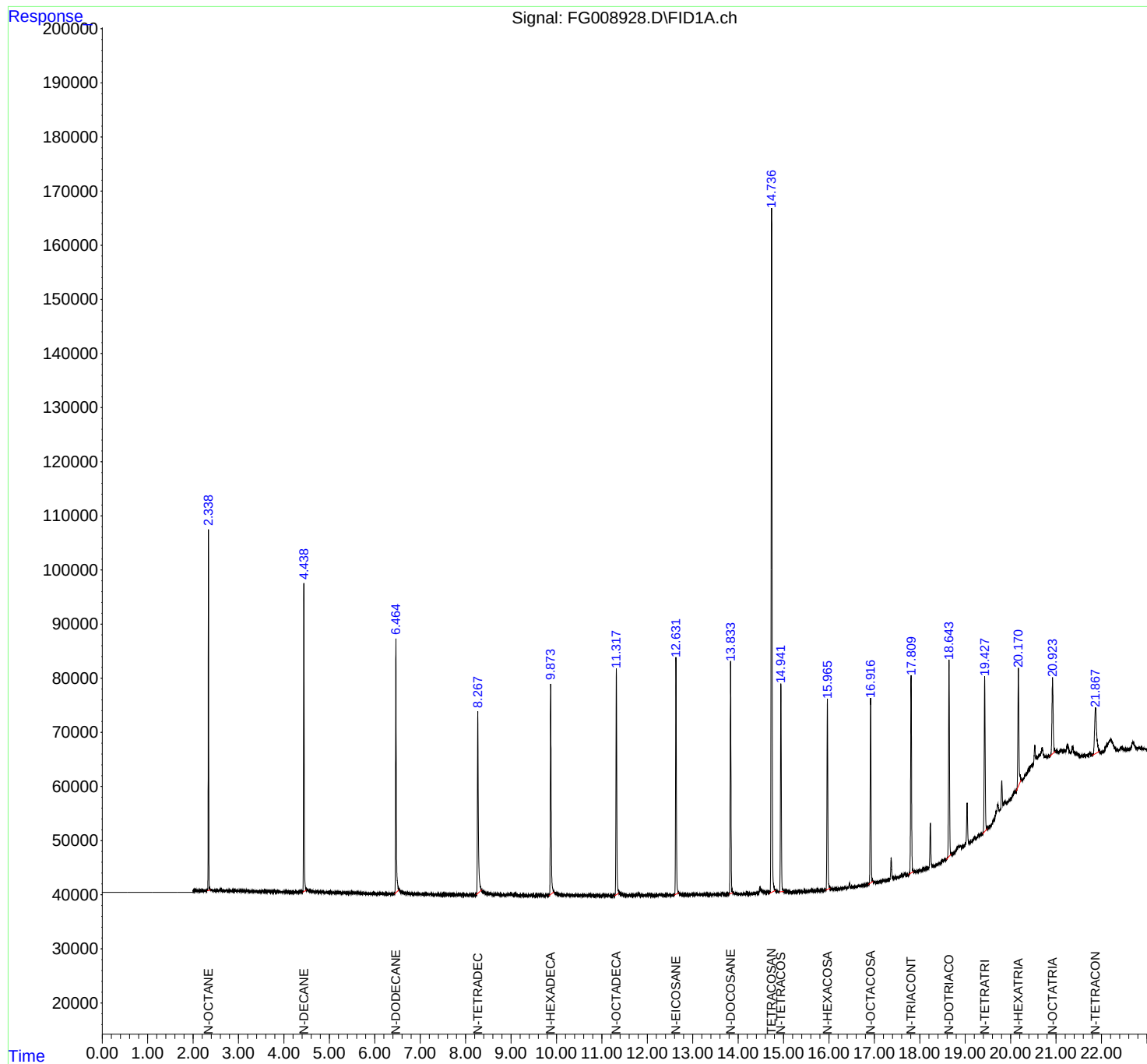
(m)=manual int.

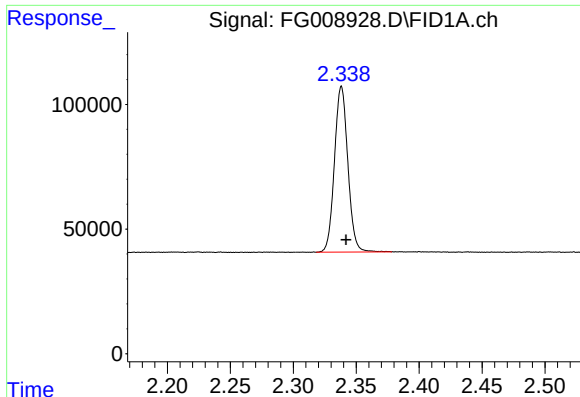
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

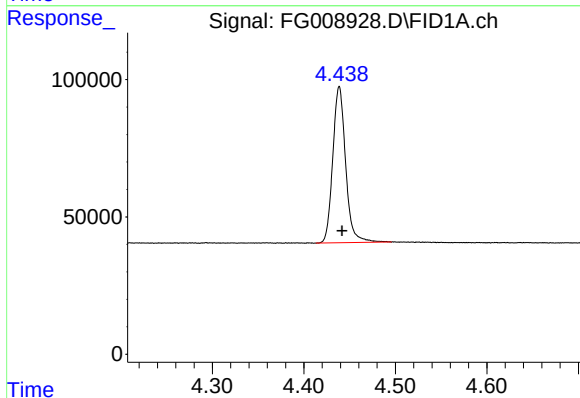




#1 N-OCTANE

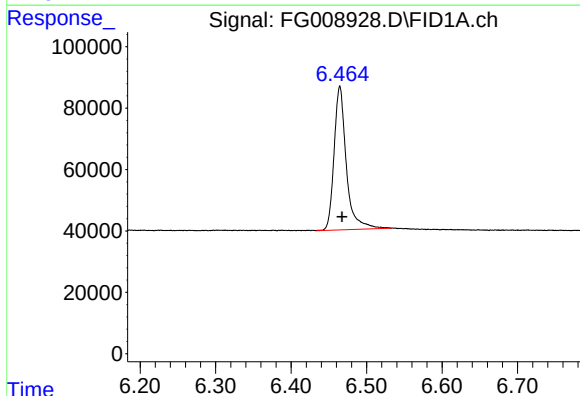
R.T.: 2.338 min
Delta R.T.: -0.004 min
Response: 492358
Conc: 3.56 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT4-2021



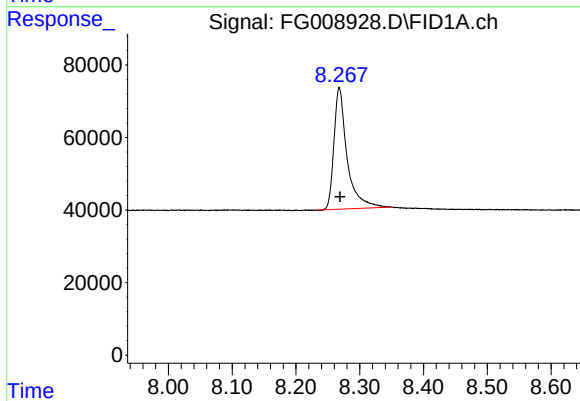
#2 N-DECANE

R.T.: 4.439 min
Delta R.T.: -0.003 min
Response: 556911
Conc: 3.99 ug/ml



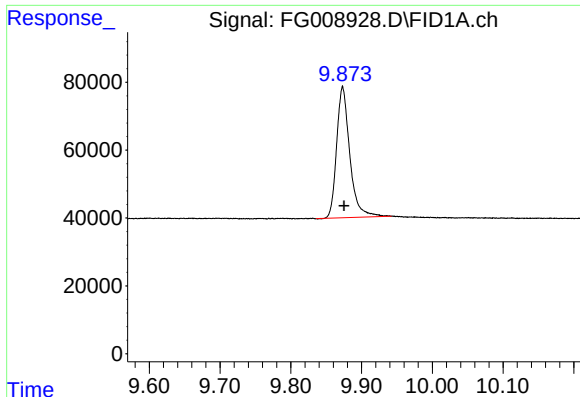
#3 N-DODECANE

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 525547
Conc: 3.73 ug/ml



#4 N-TETRADECANE

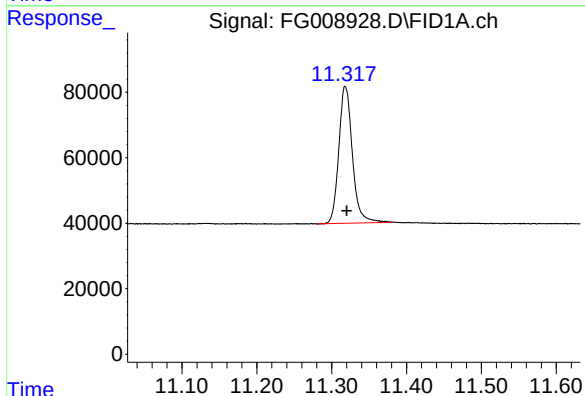
R.T.: 8.268 min
Delta R.T.: -0.001 min
Response: 481285
Conc: 3.41 ug/ml



#5 N-HEXADECANE

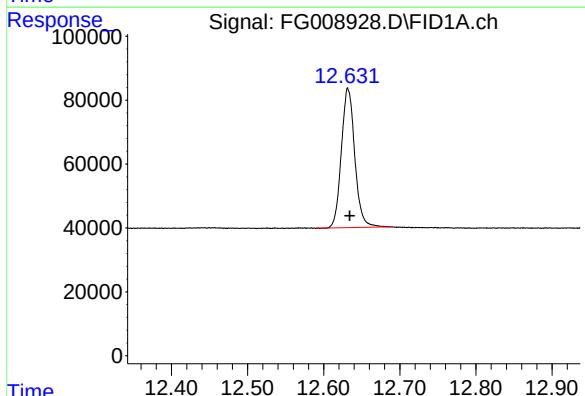
R.T.: 9.873 min
Delta R.T.: -0.002 min
Response: 499458
Conc: 3.57 ug/ml

Instrument :
FID_G
ClientSampleId :
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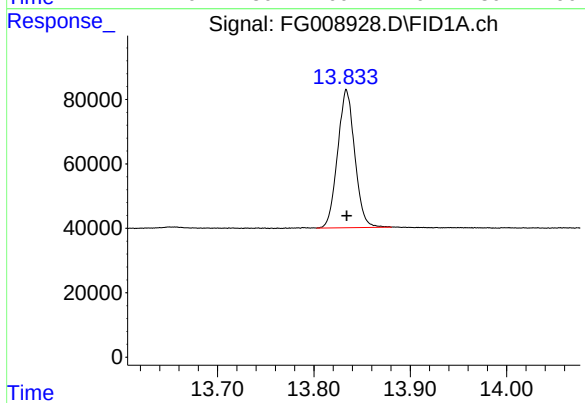
#6 N-OCTADECANE

R.T.: 11.318 min
Delta R.T.: -0.002 min
Response: 526571
Conc: 3.73 ug/ml



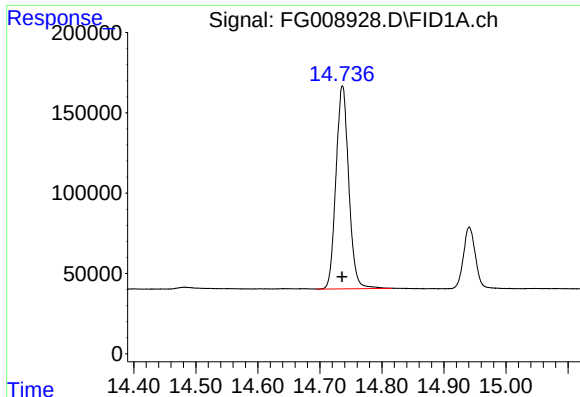
#7 N-EICOSANE

R.T.: 12.632 min
Delta R.T.: -0.003 min
Response: 534447
Conc: 3.83 ug/ml



#8 N-DOCOSANE

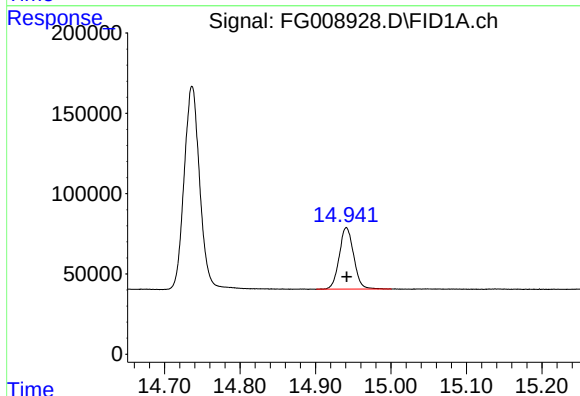
R.T.: 13.834 min
Delta R.T.: 0.000 min
Response: 527391
Conc: 3.91 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

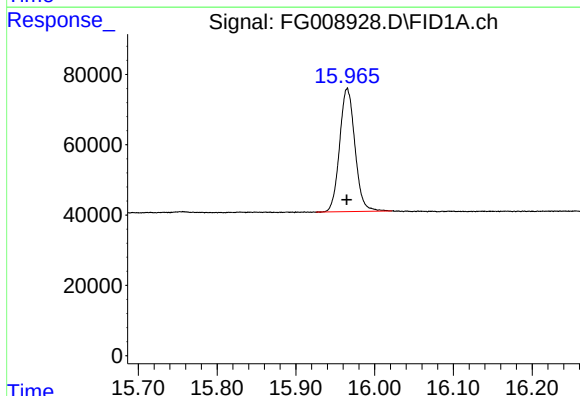
R.T.: 14.736 min
Delta R.T.: 0.000 min
Response: 1811497
Conc: 15.69 ug/ml

Instrument :
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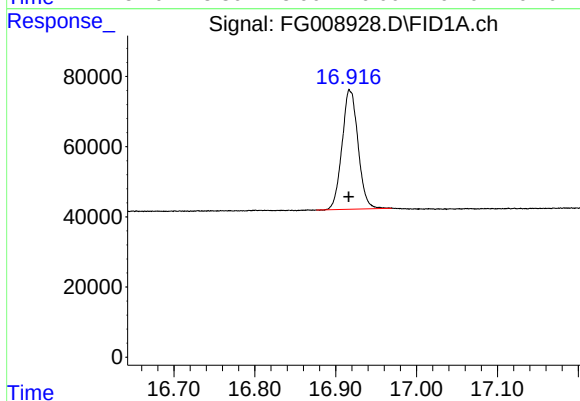
#10 N-TETRACOSANE

R.T.: 14.941 min
Delta R.T.: 0.000 min
Response: 510018
Conc: 3.88 ug/ml



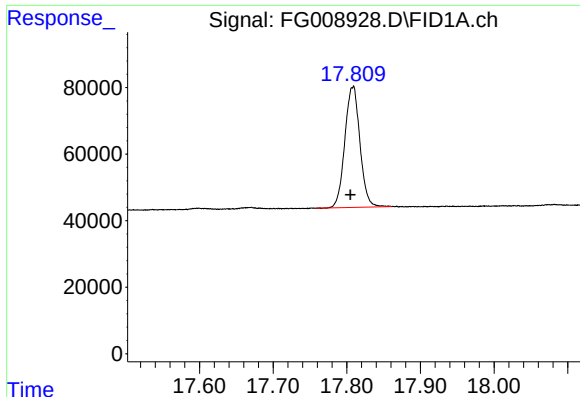
#11 N-HEXACOSANE

R.T.: 15.965 min
Delta R.T.: 0.000 min
Response: 472440
Conc: 3.77 ug/ml



#12 N-OCTACOSANE

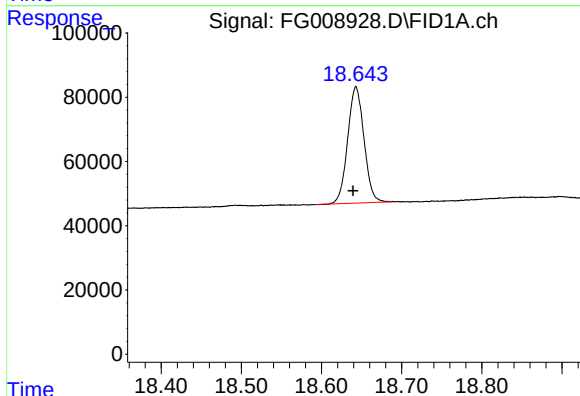
R.T.: 16.917 min
Delta R.T.: 0.001 min
Response: 467056
Conc: 3.92 ug/ml



#13 N-TRIACONTANE

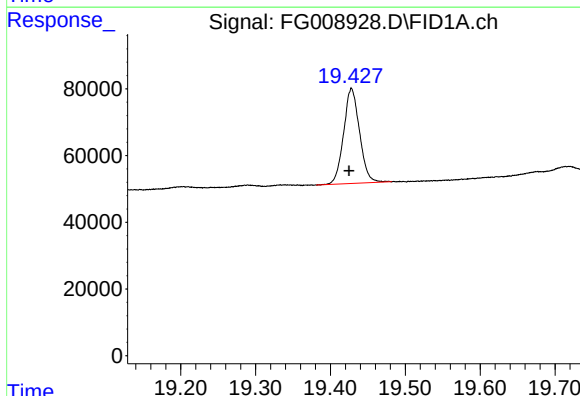
R.T.: 17.809 min
Delta R.T.: 0.003 min
Response: 516779
Conc: 4.56 ug/ml

Instrument :
FID_G
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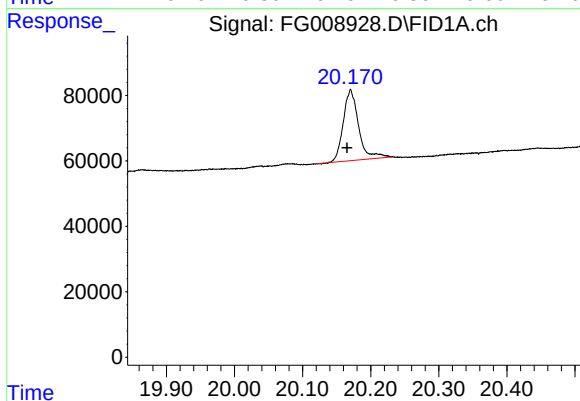
#14 N-DOTRIACONTANE

R.T.: 18.643 min
Delta R.T.: 0.004 min
Response: 512852
Conc: 4.83 ug/ml



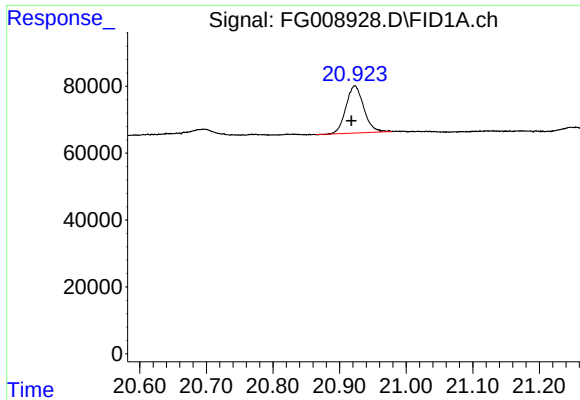
#15 N-TETRATRIACONTANE

R.T.: 19.428 min
Delta R.T.: 0.003 min
Response: 420595
Conc: 4.22 ug/ml



#16 N-HEXATRIACONTANE

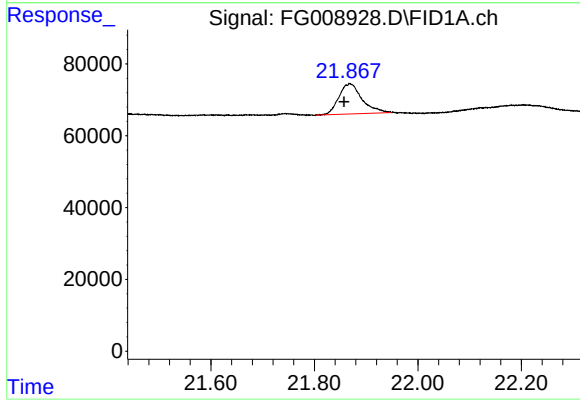
R.T.: 20.171 min
Delta R.T.: 0.005 min
Response: 337613
Conc: 3.66 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.923 min
Delta R.T.: 0.005 min
Response: 261593
Conc: 2.98 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 21.868 min
Delta R.T.: 0.011 min
Response: 261881
Conc: 2.94 ug/ml