

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062424\
 Data File : FG013889.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2024 17:03
 Operator : YP\AJ
 Sample : PB161677BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB161677BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :Ankita Jodhani 06/25/2024

Integration File: autoint1.e
 Quant Time: Jun 25 04:21:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052824.M
 Quant Title :
 QLast Update : Tue May 28 12:12:14 2024
 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...	14.964	1822187	16.535 ug/ml
Target Compounds			
1) N-OCTANE	1.978	1880618	15.654 ug/ml
2) N-DECANE	4.484	2414067	19.841 ug/ml
3) N-DODECANE	6.658	2540038	20.450 ug/ml
4) N-TETRADECANE	8.489	2570213	20.163 ug/ml
5) N-HEXADECANE	10.100	2656932	20.808 ug/ml
6) N-OCTADECANE	11.547	2717852	21.101 ug/ml
7) N-EICOSANE	12.860	2730520	21.157 ug/ml
8) N-DOCOSANE	14.062	2629103	21.104 ug/ml
10) N-TETRACOSANE	15.169	2589737	20.996 ug/ml
11) N-HEXACOSANE	16.193	2555689	21.042 ug/ml
12) N-OCTACOSANE	17.146	2497632	21.077 ug/ml
13) N-TRIACONTANE	18.036	2492236	21.220 ug/ml
14) N-DOTRIACONTANE	18.870	2369679	21.081 ug/mlm
15) N-TETRATRIACONTANE	19.656	2050132	19.936 ug/ml
16) N-HEXATRIACONTANE	20.399	1682651	18.903 ug/mlm
17) N-OCTATRIACONTANE	21.132	1477937	18.775 ug/mlm
18) N-TETRACONTANE	22.039	1233519	18.890 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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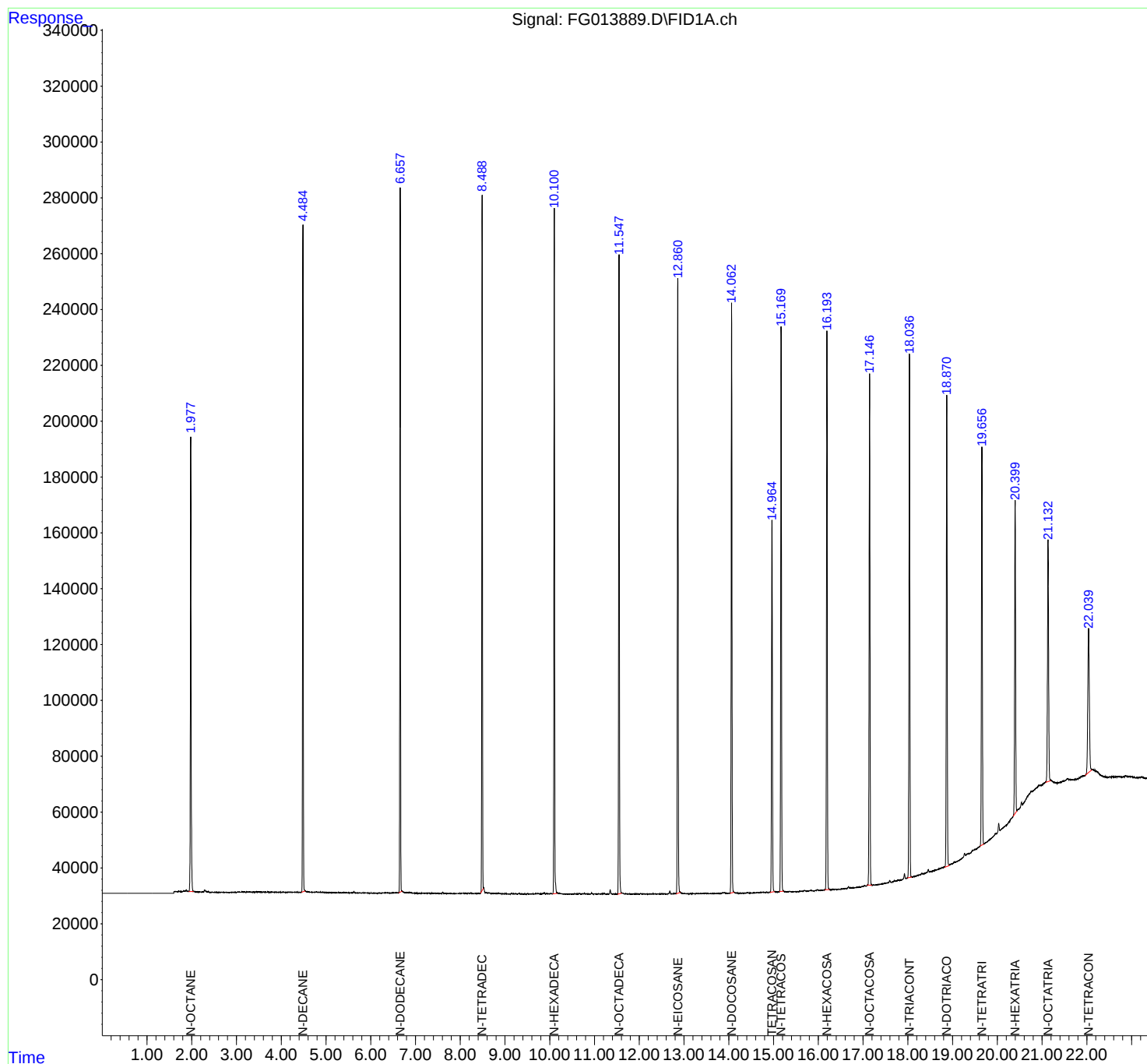
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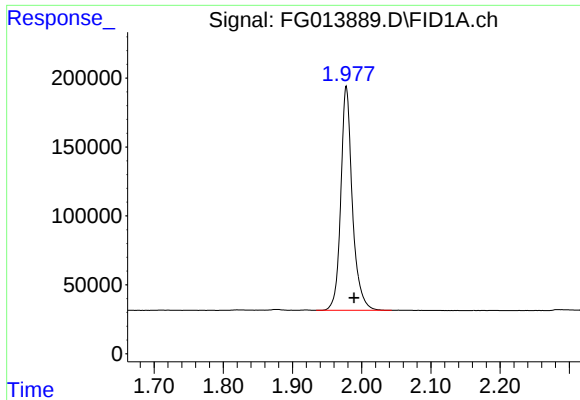
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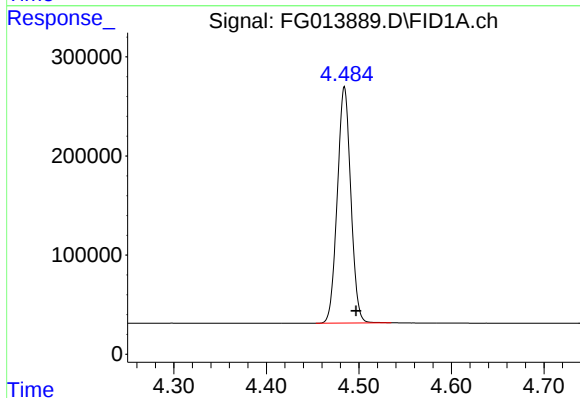
#1 N-OCTANE

R.T.: 1.978 min
Delta R.T.: -0.011 min
Response: 1880618
Conc: 15.65 ug/ml

Instrument :
FID_G
ClientSampleId :
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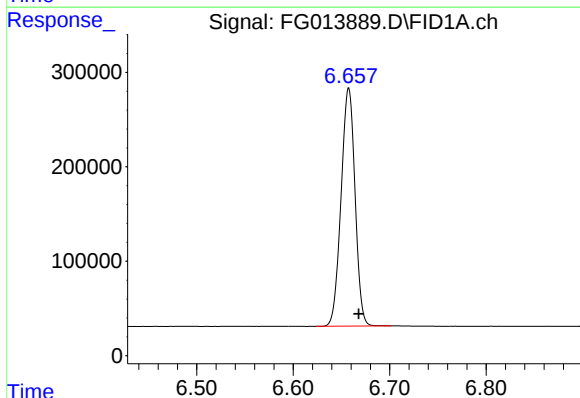
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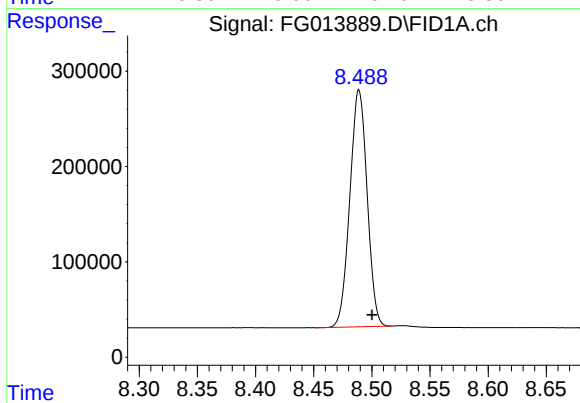
#2 N-DECANE

R.T.: 4.484 min
Delta R.T.: -0.012 min
Response: 2414067
Conc: 19.84 ug/ml



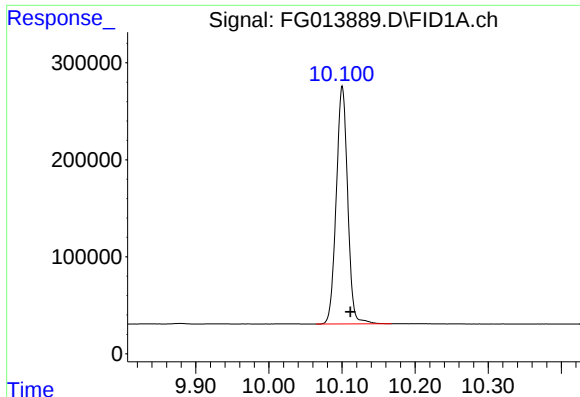
#3 N-DODECANE

R.T.: 6.658 min
Delta R.T.: -0.010 min
Response: 2540038
Conc: 20.45 ug/ml



#4 N-TETRADECANE

R.T.: 8.489 min
Delta R.T.: -0.011 min
Response: 2570213
Conc: 20.16 ug/ml



#5 N-HEXADECANE

R.T.: 10.100 min
Delta R.T.: -0.011 min
Response: 2656932
Conc: 20.81 ug/ml

Instrument :

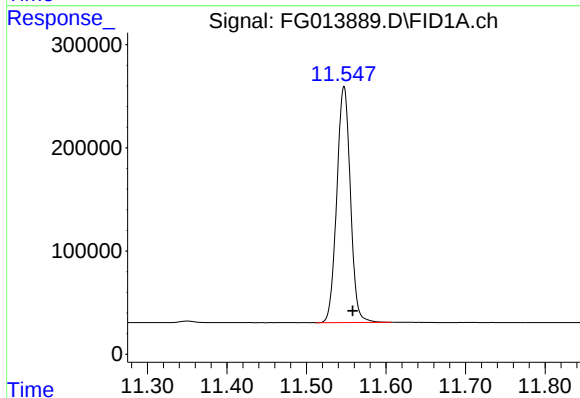
FID_G

ClientSampleId :

PB161677BS

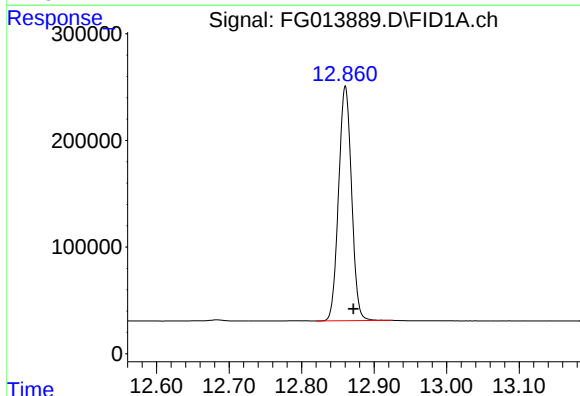
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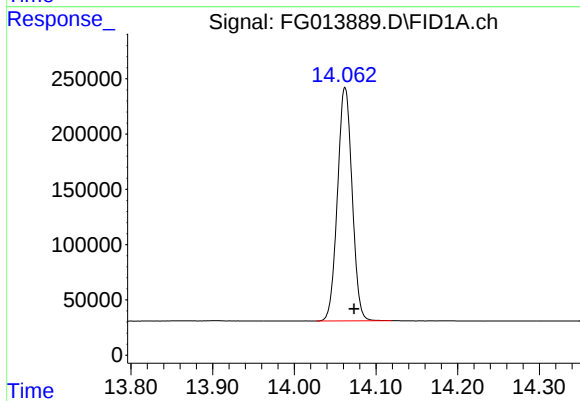
#6 N-OCTADECANE

R.T.: 11.547 min
Delta R.T.: -0.011 min
Response: 2717852
Conc: 21.10 ug/ml



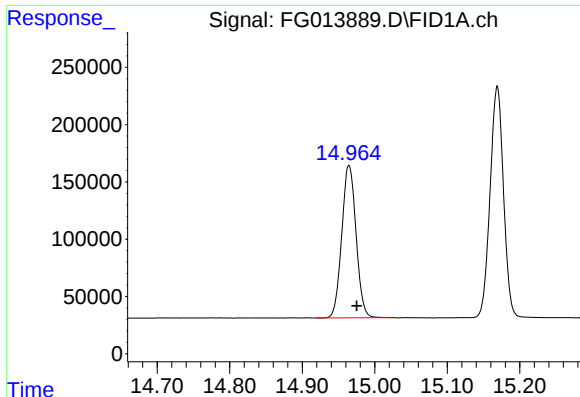
#7 N-EICOSANE

R.T.: 12.860 min
Delta R.T.: -0.011 min
Response: 2730520
Conc: 21.16 ug/ml



#8 N-DOCOSANE

R.T.: 14.062 min
Delta R.T.: -0.011 min
Response: 2629103
Conc: 21.10 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.964 min
Delta R.T.: -0.011 min
Response: 1822187
Conc: 16.53 ug/ml

Instrument :

FID_G

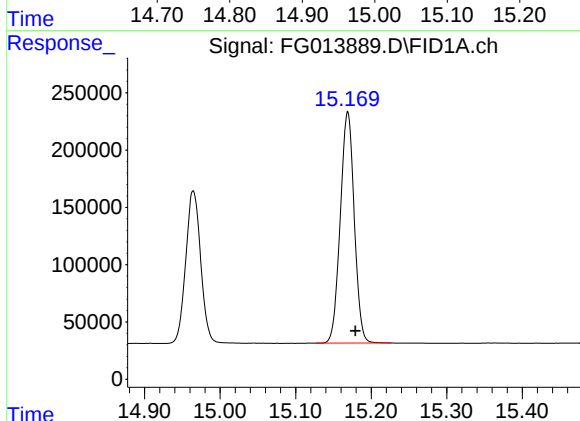
ClientSampleId :

PB161677BS

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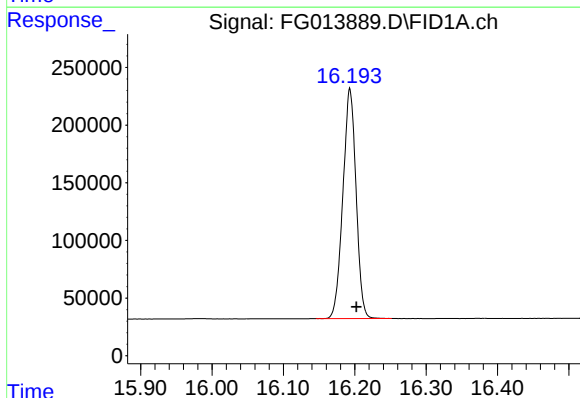
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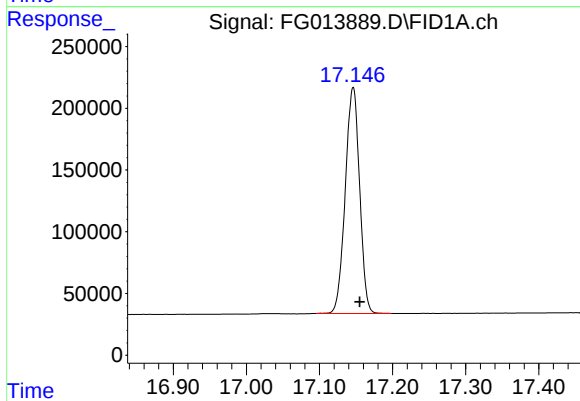
#10 N-TETRACOSANE

R.T.: 15.169 min
Delta R.T.: -0.010 min
Response: 2589737
Conc: 21.00 ug/ml



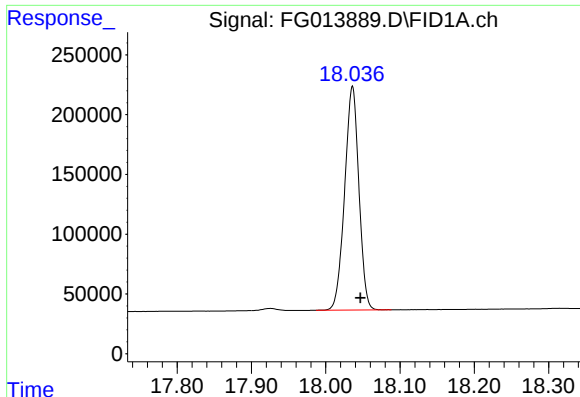
#11 N-HEXACOSANE

R.T.: 16.193 min
Delta R.T.: -0.009 min
Response: 2555689
Conc: 21.04 ug/ml



#12 N-OCTACOSANE

R.T.: 17.146 min
Delta R.T.: -0.009 min
Response: 2497632
Conc: 21.08 ug/ml



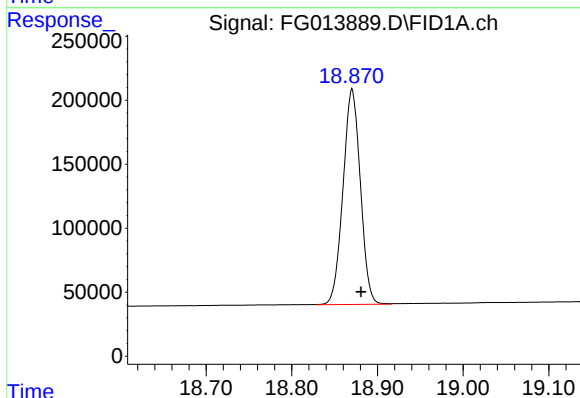
#13 N-TRIACONTANE

R.T.: 18.036 min
Delta R.T.: -0.011 min
Response: 2492236
Conc: 21.22 ug/ml

Instrument :
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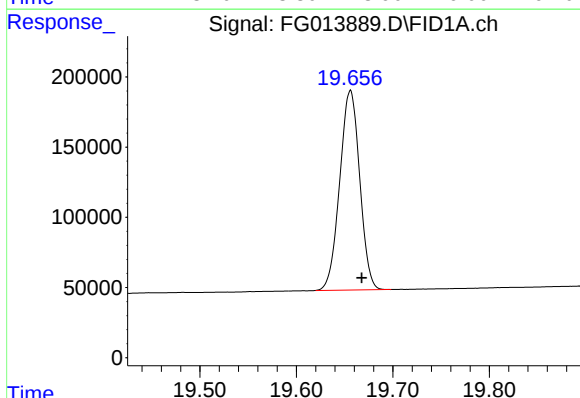
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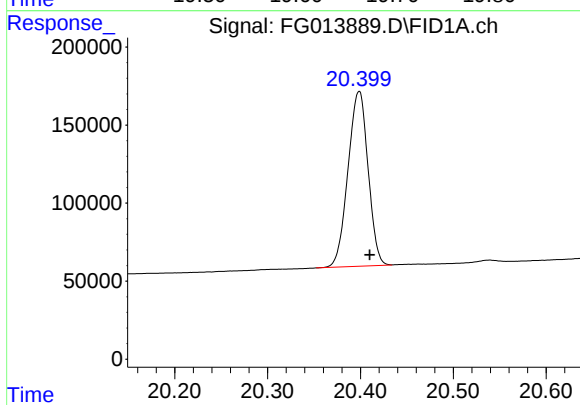
#14 N-DOTRIACONTANE

R.T.: 18.870 min
Delta R.T.: -0.011 min
Response: 2369679
Conc: 21.08 ug/ml m



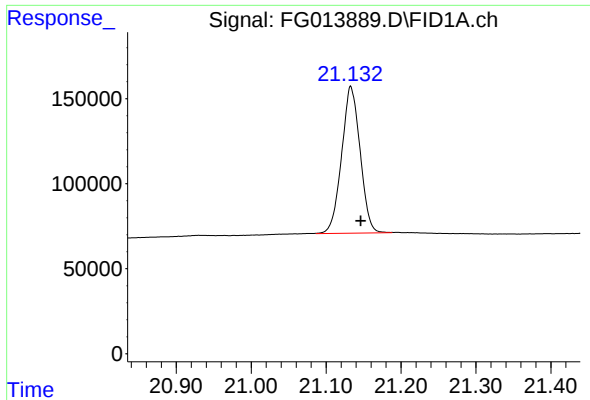
#15 N-TETRATRIACONTANE

R.T.: 19.656 min
Delta R.T.: -0.012 min
Response: 2050132
Conc: 19.94 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.399 min
Delta R.T.: -0.011 min
Response: 1682651
Conc: 18.90 ug/ml m



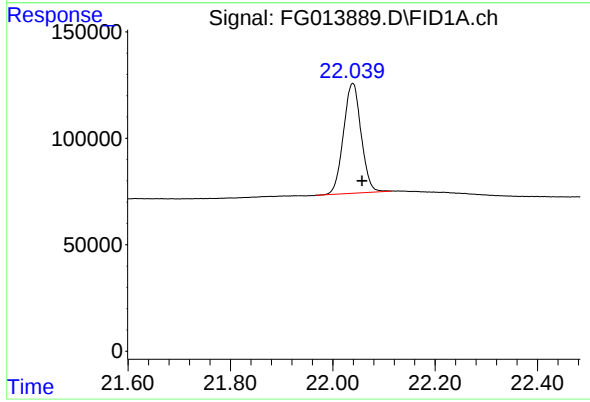
#17 N-OCTATRIACONTANE

R.T.: 21.132 min
Delta R.T.: -0.014 min
Response: 1477937
Conc: 18.78 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.039 min
Delta R.T.: -0.018 min
Response: 1233519
Conc: 18.89 ug/ml