

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022122\
 Data File : FF009961.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2022 14:19
 Operator : AJ\MA
 Sample : PB142825BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB142825BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/22/2022
 Supervised By :Ankita Jodhani 02/22/2022

Integration File: autoint1.e
 Quant Time: Feb 22 00:09:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF021022.M
 Quant Title :
 QLast Update : Fri Feb 11 12:58:22 2022
 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...	14.412	2513591	23.256 ug/mlm
Target Compounds			
1) N-OCTANE	2.150	2731005	20.103 ug/ml
2) N-DECANE	4.204	3106587	22.643 ug/ml
3) N-DODECANE	6.208	3135844	22.813 ug/ml
4) N-TETRADECANE	7.992	3136095	22.946 ug/ml
5) N-HEXADECANE	9.585	3087220	22.857 ug/ml
6) N-OCTADECANE	11.019	3074980	22.638 ug/ml
7) N-EICOSANE	12.323	2980577	23.158 ug/ml
8) N-DOCOSANE	13.516	2862361	22.991 ug/ml
10) N-TETRACOSANE	14.615	2834784	22.892 ug/ml
11) N-HEXACOSANE	15.632	2720476	22.902 ug/ml
12) N-OCTACOSANE	16.578	2675304	22.796 ug/ml
13) N-TRIACONTANE	17.462	2589346	22.316 ug/ml
14) N-DOTRIACONTANE	18.290	2367394	20.442 ug/ml
15) N-TETRATRIACONTANE	19.071	1887379	16.867 ug/ml
16) N-HEXATRIACONTANE	19.805	1378504	13.095 ug/mlm
17) N-OCTATRIACONTANE	20.508	1086616	11.674 ug/mlm
18) N-TETRACONTANE	21.316	915536	9.855 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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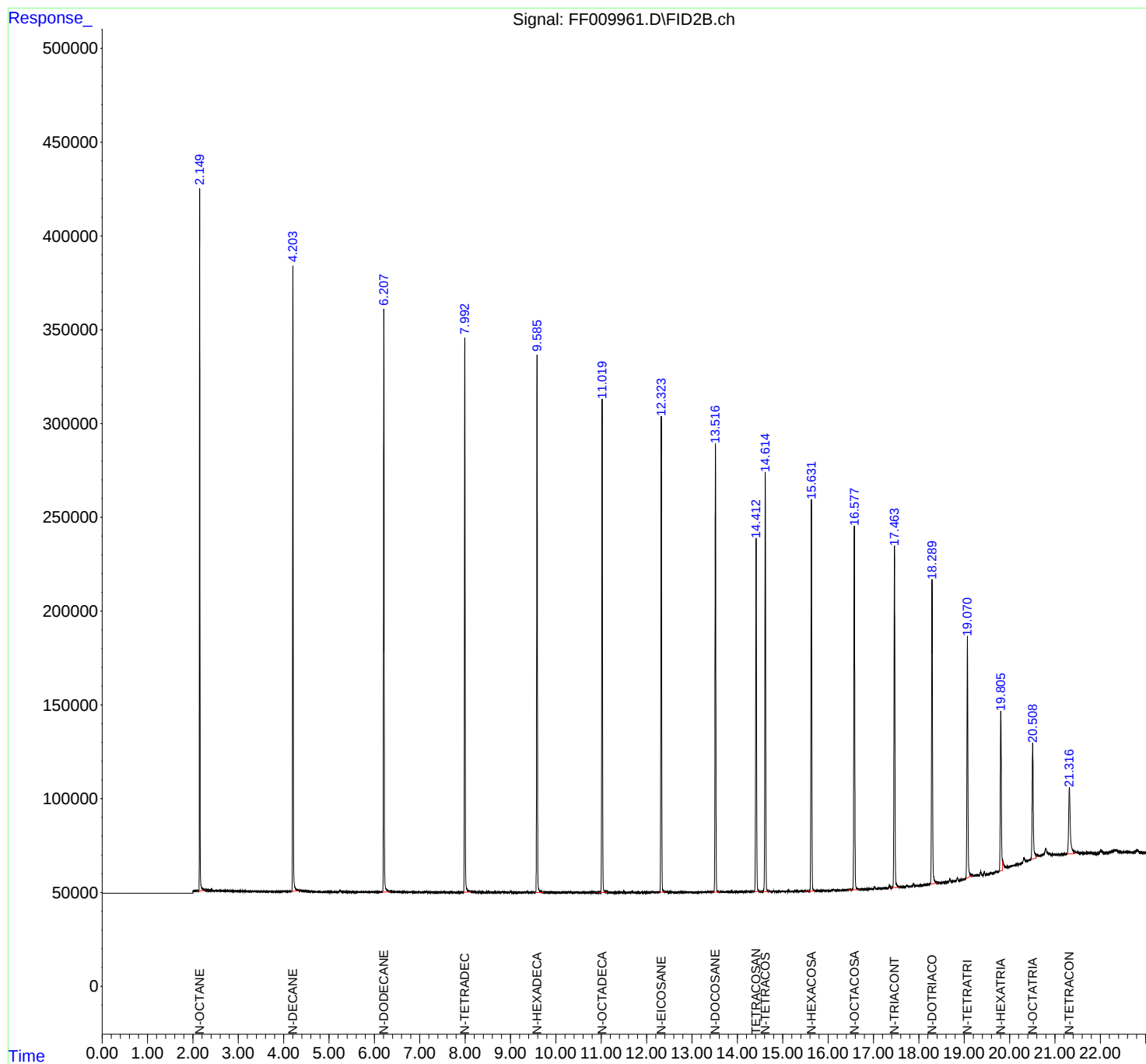
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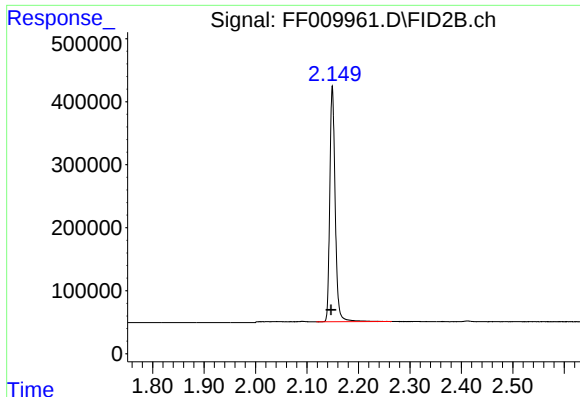
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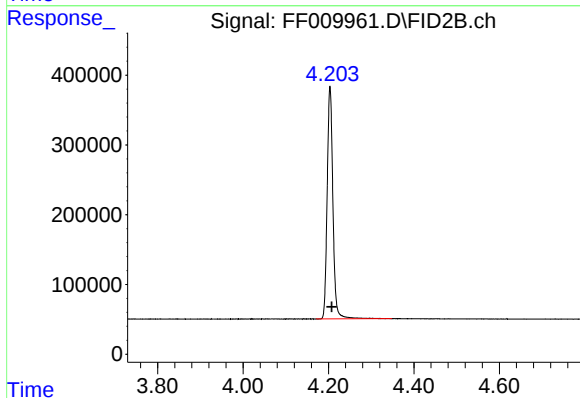
#1 N-OCTANE

R.T.: 2.150 min
Delta R.T.: 0.003 min
Response: 2731005
Conc: 20.10 ug/ml

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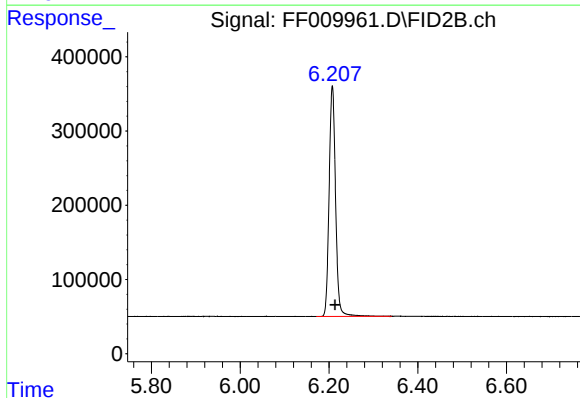
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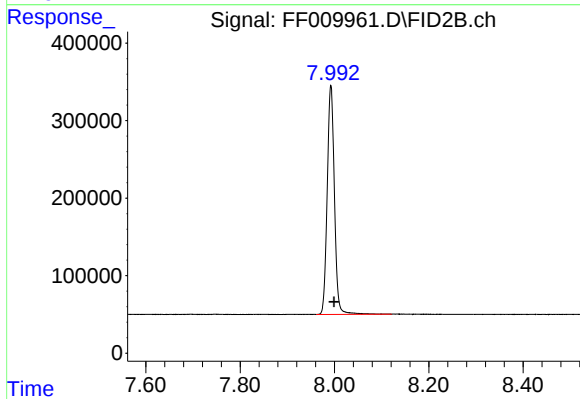
#2 N-DECANE

R.T.: 4.204 min
Delta R.T.: -0.004 min
Response: 3106587
Conc: 22.64 ug/ml



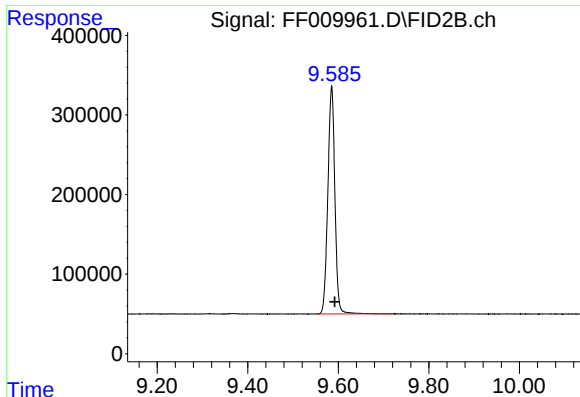
#3 N-DODECANE

R.T.: 6.208 min
Delta R.T.: -0.006 min
Response: 3135844
Conc: 22.81 ug/ml



#4 N-TETRADECANE

R.T.: 7.992 min
Delta R.T.: -0.007 min
Response: 3136095
Conc: 22.95 ug/ml



#5 N-HEXADECANE

R.T.: 9.585 min
Delta R.T.: -0.007 min
Response: 3087220
Conc: 22.86 ug/ml

Instrument :

FID_F

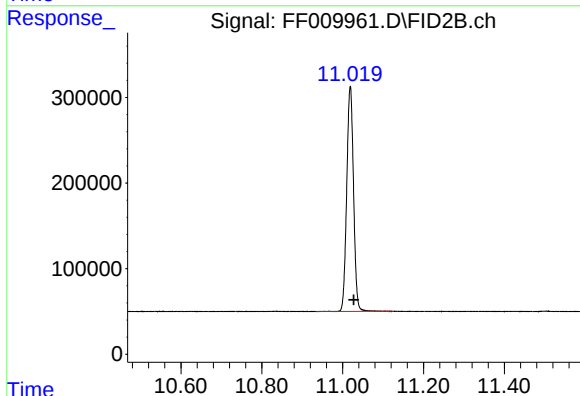
ClientSampleId :

PB142825BS

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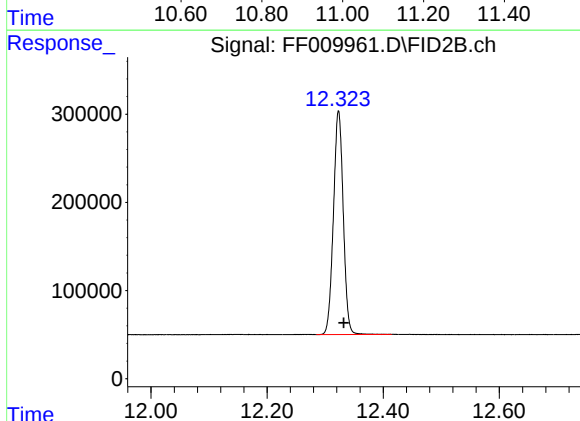
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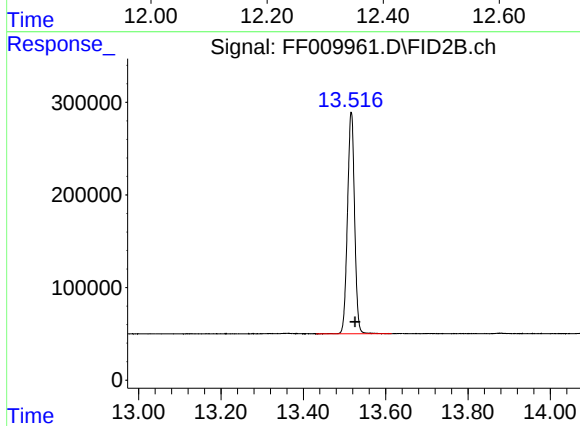
#6 N-OCTADECANE

R.T.: 11.019 min
Delta R.T.: -0.008 min
Response: 3074980
Conc: 22.64 ug/ml



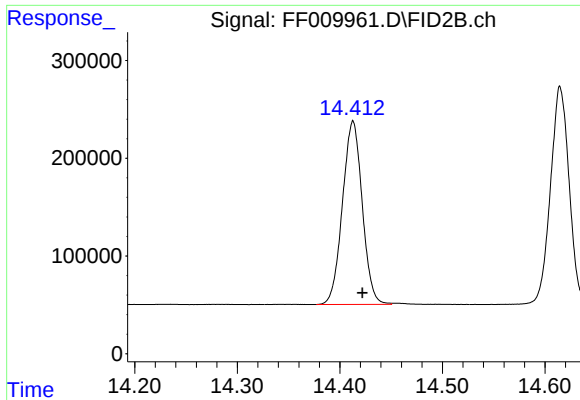
#7 N-EICOSANE

R.T.: 12.323 min
Delta R.T.: -0.009 min
Response: 2980577
Conc: 23.16 ug/ml



#8 N-DOCOSANE

R.T.: 13.516 min
Delta R.T.: -0.009 min
Response: 2862361
Conc: 22.99 ug/ml



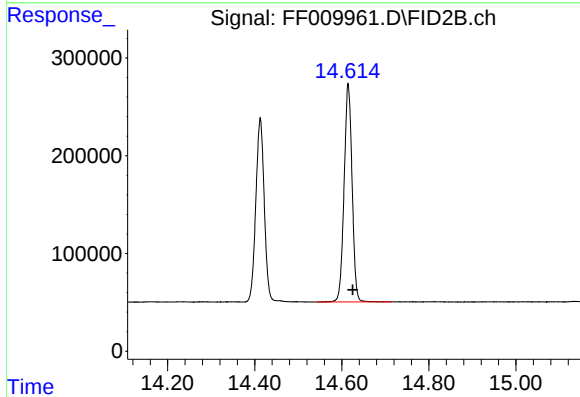
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.412 min
Delta R.T.: -0.010 min
Response: 2513591
Conc: 23.26 ug/ml

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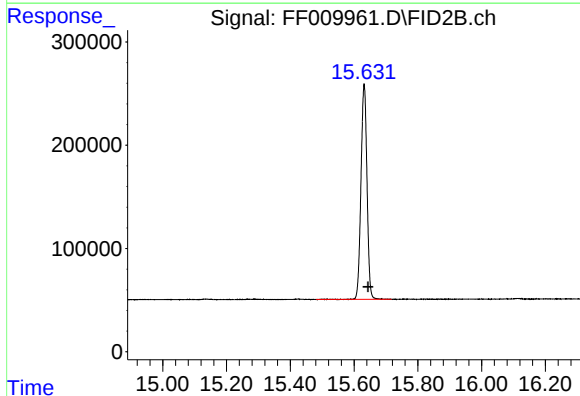
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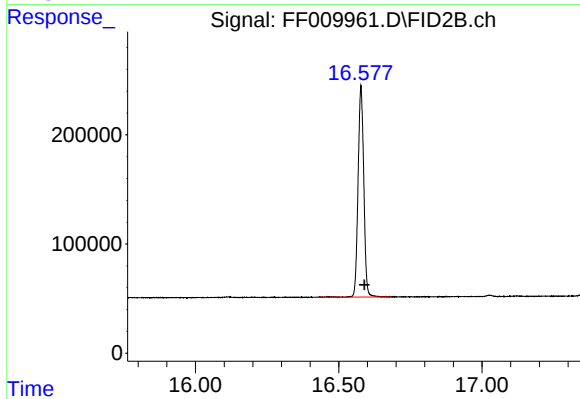
#10 N-TETRACOSANE

R.T.: 14.615 min
Delta R.T.: -0.010 min
Response: 2834784
Conc: 22.89 ug/ml



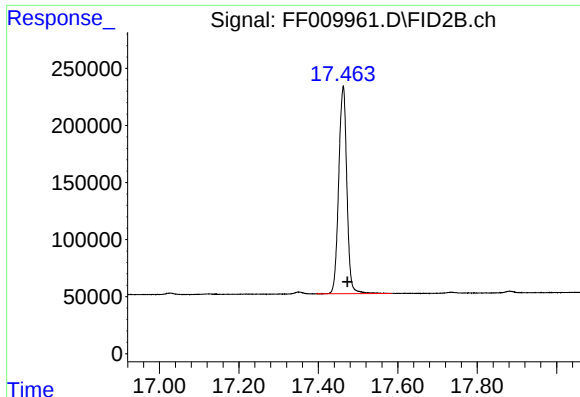
#11 N-HEXACOSANE

R.T.: 15.632 min
Delta R.T.: -0.012 min
Response: 2720476
Conc: 22.90 ug/ml



#12 N-OCTACOSANE

R.T.: 16.578 min
Delta R.T.: -0.012 min
Response: 2675304
Conc: 22.80 ug/ml



#13 N-TRIACONTANE

R.T.: 17.462 min
Delta R.T.: -0.011 min
Response: 2589346
Conc: 22.32 ug/ml

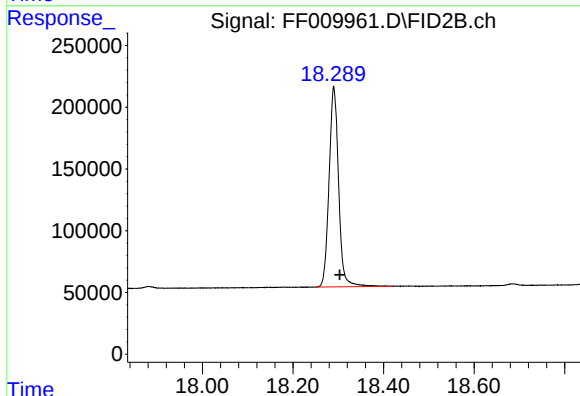
Instrument :

FID_F

ClientSampleId :
PB142825BS

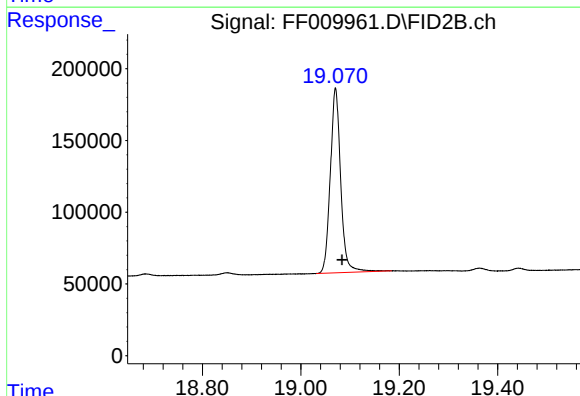
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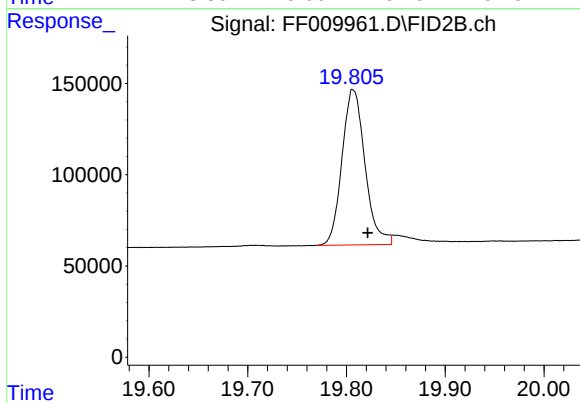
#14 N-DOTRIACONTANE

R.T.: 18.290 min
Delta R.T.: -0.013 min
Response: 2367394
Conc: 20.44 ug/ml



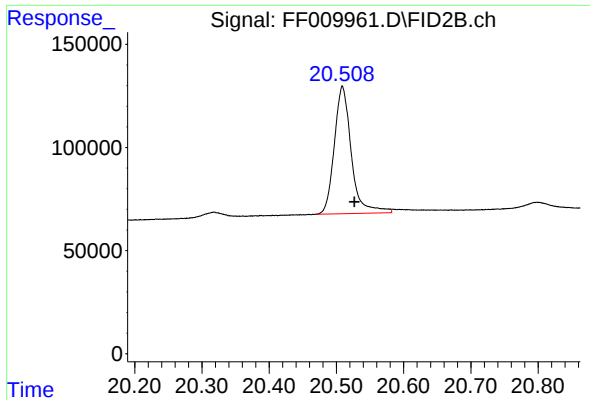
#15 N-TETRATRIACONTANE

R.T.: 19.071 min
Delta R.T.: -0.013 min
Response: 1887379
Conc: 16.87 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.805 min
Delta R.T.: -0.016 min
Response: 1378504
Conc: 13.09 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.508 min
Delta R.T.: -0.019 min
Response: 1086616
Conc: 11.67 ug/ml

Instrument :

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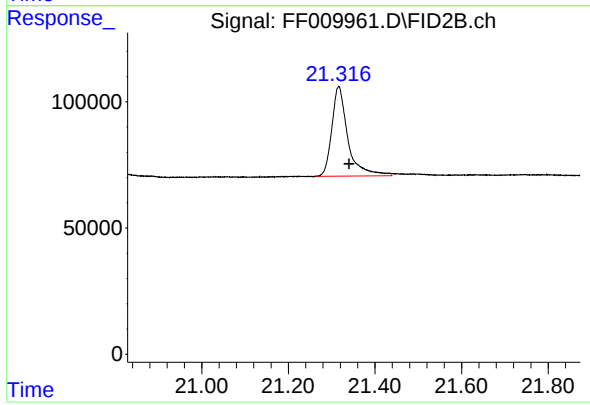
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#18 N-TETRACONTANE

R.T.: 21.316 min
Delta R.T.: -0.024 min
Response: 915536
Conc: 9.86 ug/ml m