

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122921\
 Data File : FF009596.D
 Signal(s) : FID2B.ch
 Acq On : 29 Dec 2021 15:09
 Operator : AJ\MA
 Sample : M5247-01MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2021
 Supervised By :Ankita Jodhani 12/30/2021

Integration File: autoint1.e
 Quant Time: Dec 30 00:22:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF121521.M
 Quant Title :
 QLast Update : Thu Dec 16 03:33:07 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...	14.465	1668103	14.400 ug/mlm
Target Compounds			
1) N-OCTANE	2.187	2371142	17.119 ug/ml
2) N-DECANE	4.252	2742595	19.236 ug/ml
3) N-DODECANE	6.259	2764832	19.119 ug/ml
4) N-TETRADECANE	8.045	2795153	19.225 ug/ml
5) N-HEXADECANE	9.637	2508840	17.469 ug/ml
6) N-OCTADECANE	11.073	2622896	18.173 ug/ml
7) N-EICOSANE	12.376	2506872	17.689 ug/ml
8) N-DOCOSANE	13.569	2390634	17.544 ug/ml
10) N-TETRACOSANE	14.668	2423326	18.405 ug/ml
11) N-HEXACOSANE	15.685	2239339	17.917 ug/mlm
12) N-OCTACOSANE	16.631	2354714	19.775 ug/ml
13) N-TRIACONTANE	17.515	2226671	19.439 ug/mlm
14) N-DOTRIACONTANE	18.343	2339719	21.409 ug/mlm
15) N-TETRATRIACONTANE	19.124	1943242	18.345 ug/mlm
16) N-HEXATRIACONTANE	19.858	1726859	17.240 ug/mlm
17) N-OCTATRIACONTANE	20.566	1601121	16.306 ug/mlm
18) N-TETRACONTANE	21.391	1551502	15.362 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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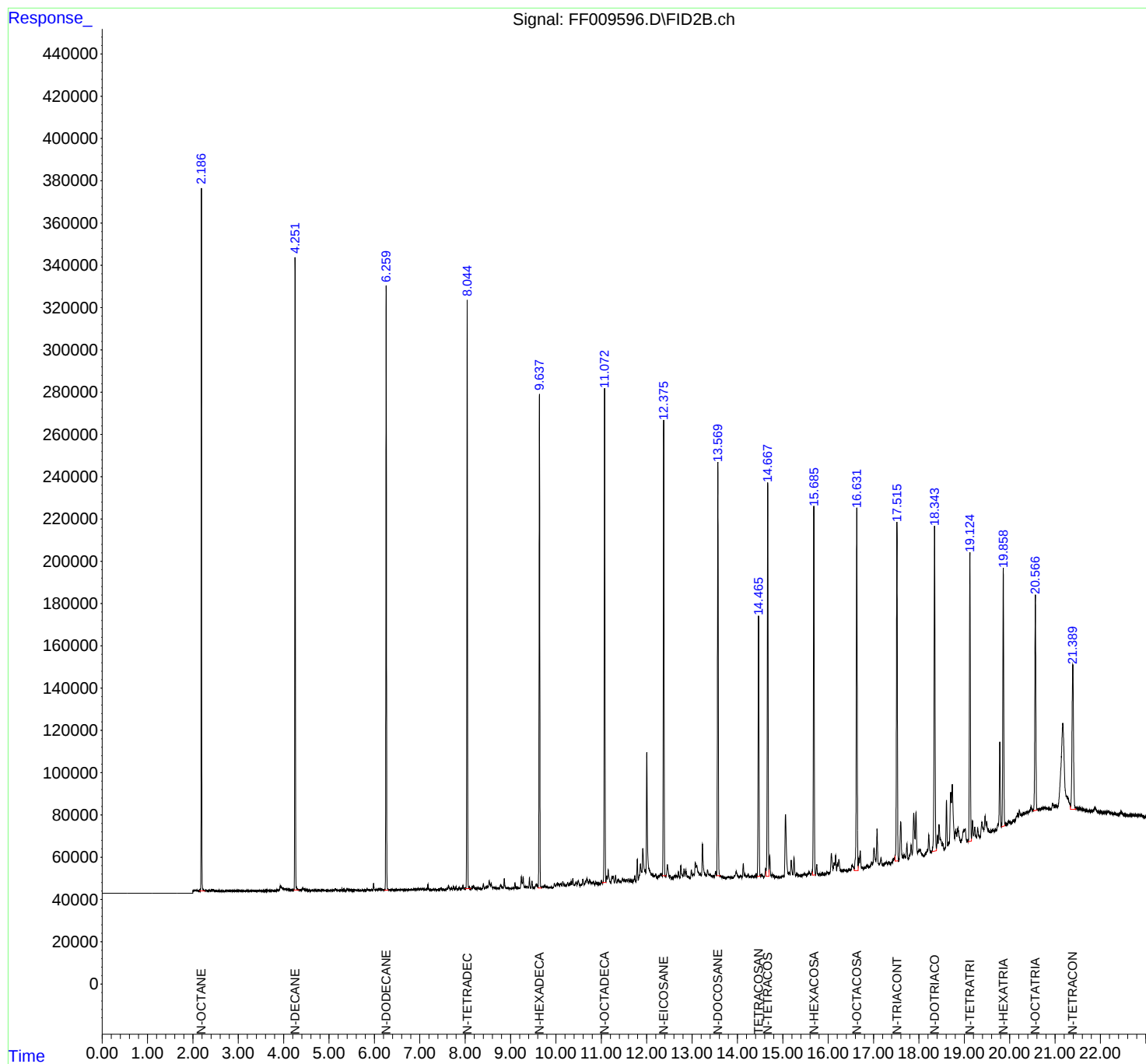
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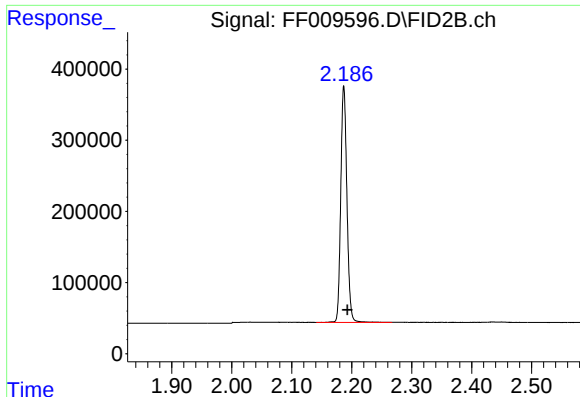
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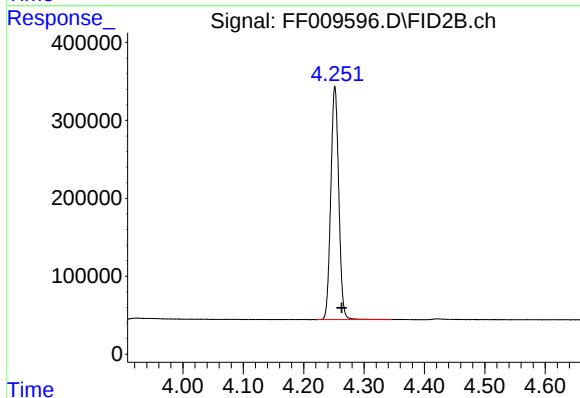
#1 N-OCTANE

R.T.: 2.187 min
Delta R.T.: -0.006 min
Response: 2371142
Conc: 17.12 ug/ml

Instrument :
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ClientSampleId :
WASTEMS

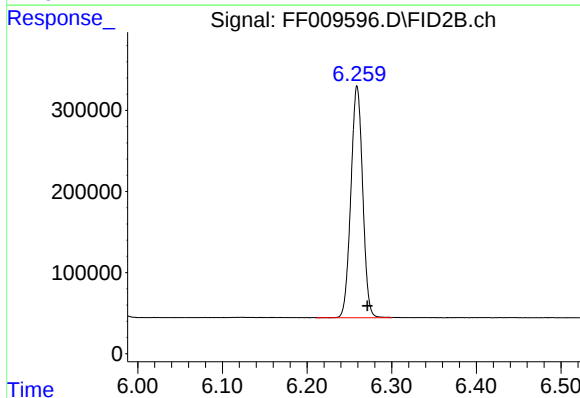
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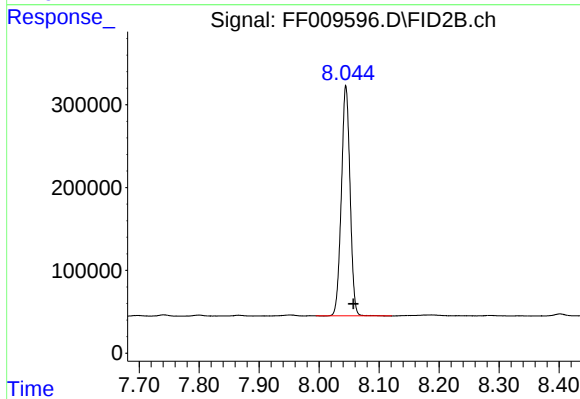
#2 N-DECANE

R.T.: 4.252 min
Delta R.T.: -0.011 min
Response: 2742595
Conc: 19.24 ug/ml



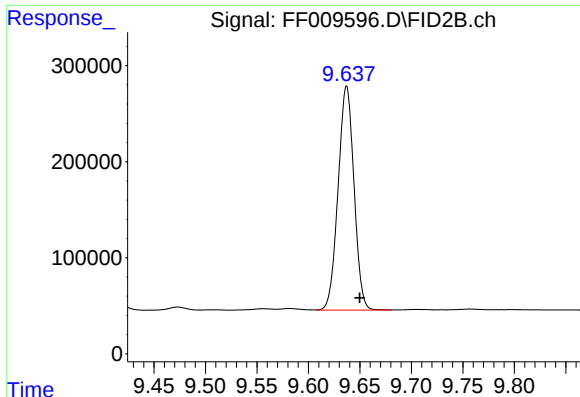
#3 N-DODECANE

R.T.: 6.259 min
Delta R.T.: -0.012 min
Response: 2764832
Conc: 19.12 ug/ml



#4 N-TETRADECANE

R.T.: 8.045 min
Delta R.T.: -0.013 min
Response: 2795153
Conc: 19.22 ug/ml



#5 N-HEXADECANE

R.T.: 9.637 min
Delta R.T.: -0.013 min
Response: 2508840
Conc: 17.47 ug/ml

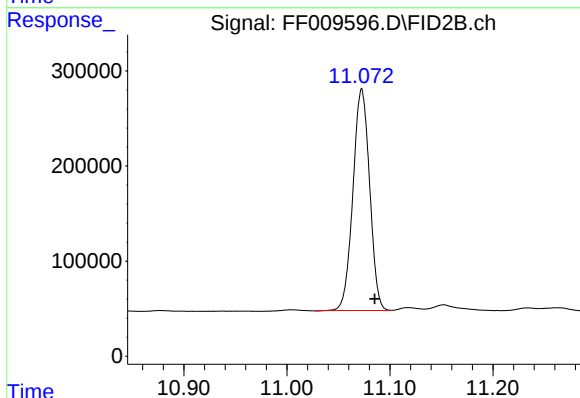
Instrument :

FID_F

ClientSampleId :
WASTEMS

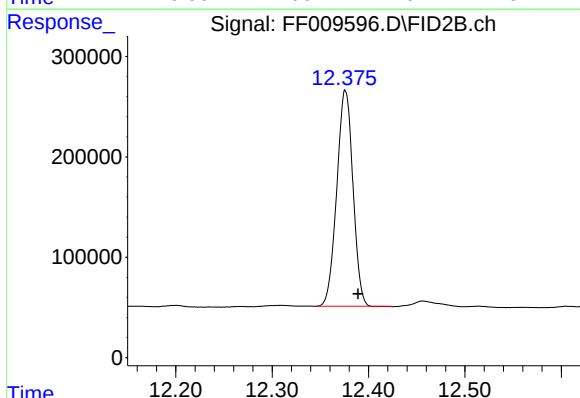
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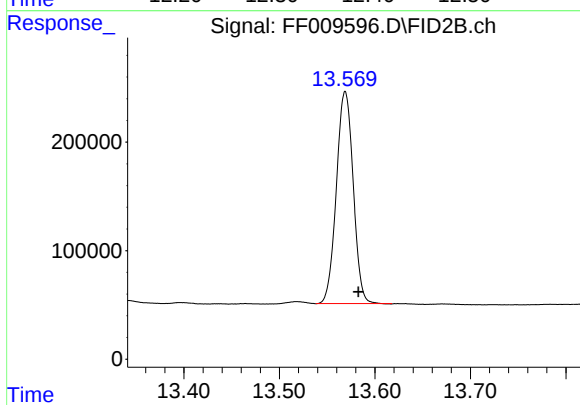
#6 N-OCTADECANE

R.T.: 11.073 min
Delta R.T.: -0.012 min
Response: 2622896
Conc: 18.17 ug/ml



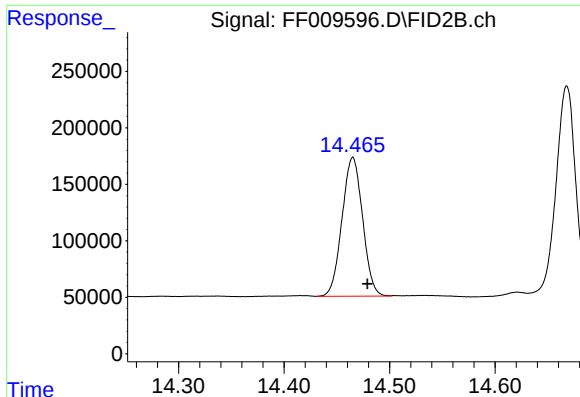
#7 N-EICOSANE

R.T.: 12.376 min
Delta R.T.: -0.013 min
Response: 2506872
Conc: 17.69 ug/ml



#8 N-DOCOSANE

R.T.: 13.569 min
Delta R.T.: -0.014 min
Response: 2390634
Conc: 17.54 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.465 min
Delta R.T.: -0.014 min
Response: 1668103
Conc: 14.40 ug/ml

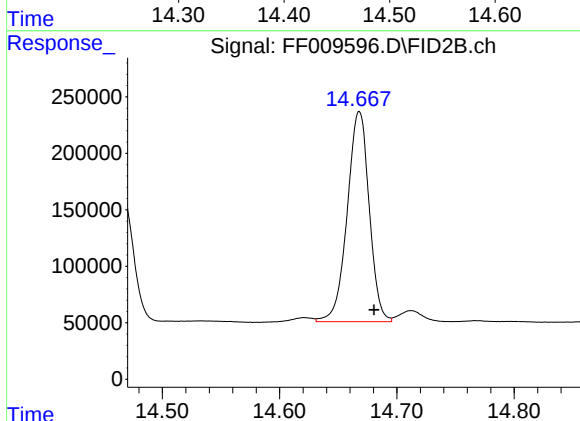
Instrument :

FID_F

ClientSampleId :
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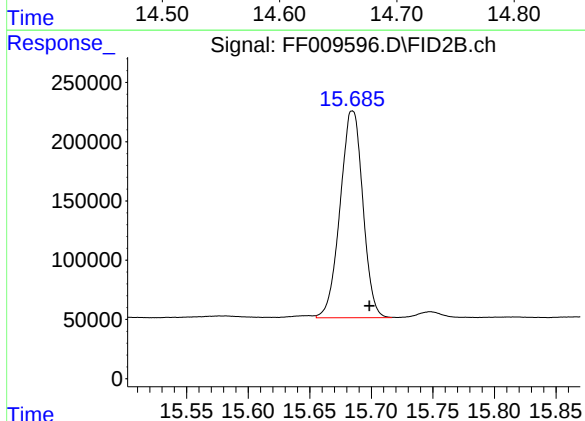
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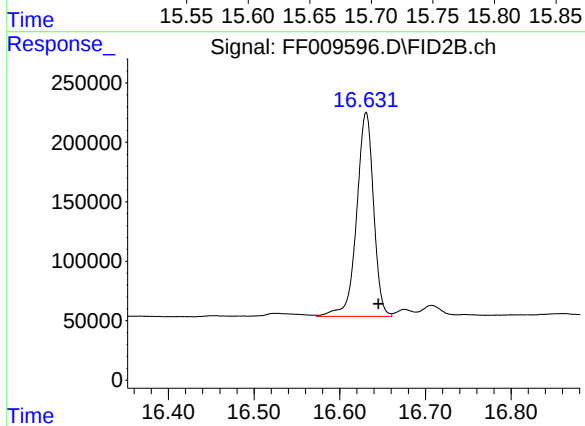
#10 N-TETRACOSANE

R.T.: 14.668 min
Delta R.T.: -0.013 min
Response: 2423326
Conc: 18.40 ug/ml



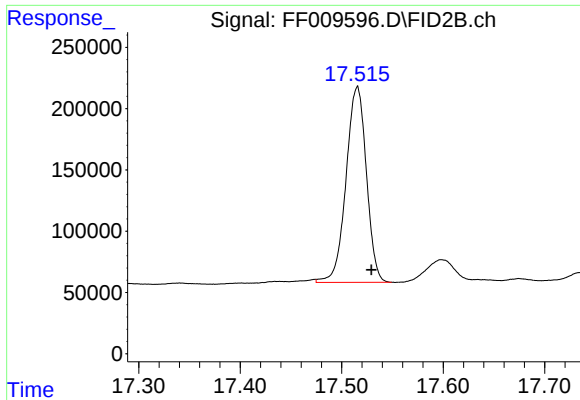
#11 N-HEXACOSANE

R.T.: 15.685 min
Delta R.T.: -0.014 min
Response: 2239339
Conc: 17.92 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.631 min
Delta R.T.: -0.014 min
Response: 2354714
Conc: 19.77 ug/ml



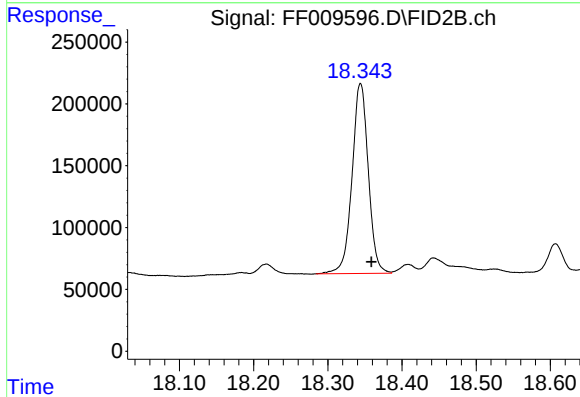
#13 N-TRIACONTANE

R.T.: 17.515 min
Delta R.T.: -0.014 min
Response: 2226671
Conc: 19.44 ug/ml

Instrument :
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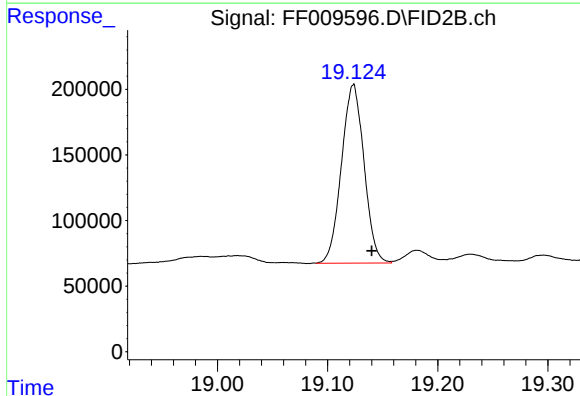
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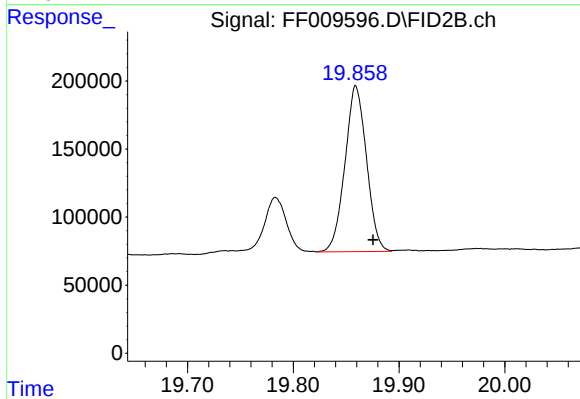
#14 N-DOTRIACONTANE

R.T.: 18.343 min
Delta R.T.: -0.015 min
Response: 2339719
Conc: 21.41 ug/ml m



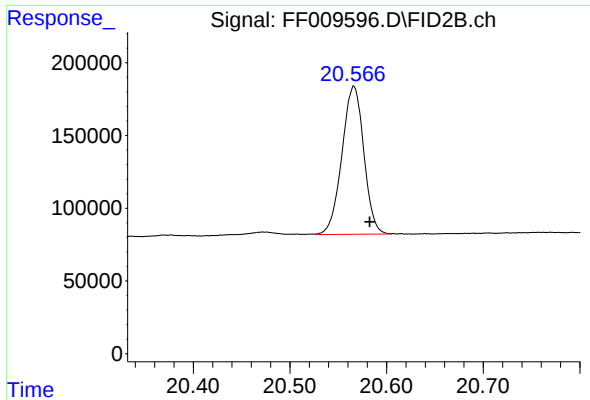
#15 N-TETRATRIACONTANE

R.T.: 19.124 min
Delta R.T.: -0.016 min
Response: 1943242
Conc: 18.35 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.858 min
Delta R.T.: -0.017 min
Response: 1726859
Conc: 17.24 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.566 min
Delta R.T.: -0.017 min
Response: 1601121
Conc: 16.31 ug/ml

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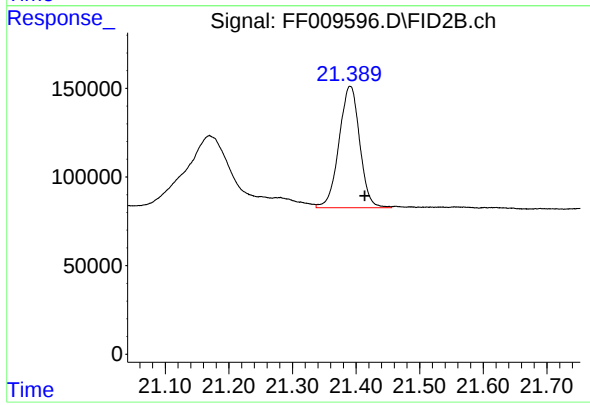
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#18 N-TETRACONTANE

R.T.: 21.391 min
Delta R.T.: -0.023 min
Response: 1551502
Conc: 15.36 ug/ml