

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031622\
 Data File : FF010029.D
 Signal(s) : FID2B.ch
 Acq On : 16 Mar 2022 16:07
 Operator : AJ\MA
 Sample : PB143390BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB143390BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/17/2022
 Supervised By :Ankita Jodhani 03/17/2022

Integration File: autoint1.e
 Quant Time: Mar 17 00:34:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031022.M
 Quant Title :
 QLast Update : Thu Mar 10 12:46:01 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...	14.694	3146263	20.979 ug/mlm
Target Compounds			
1) N-OCTANE	2.337	3106606	18.744 ug/ml
2) N-DECANE	4.436	3727535	21.856 ug/ml
3) N-DODECANE	6.454	3867205	22.490 ug/ml
4) N-TETRADECANE	8.247	3994782	23.008 ug/ml
5) N-HEXADECANE	9.847	4027264	23.121 ug/ml
6) N-OCTADECANE	11.288	4128306	23.089 ug/ml
7) N-EICOSANE	12.597	4119352	23.723 ug/ml
8) N-DOCOSANE	13.796	4033753	23.593 ug/ml
10) N-TETRACOSANE	14.899	4017145	23.785 ug/ml
11) N-HEXACOSANE	15.920	3890706	23.562 ug/ml
12) N-OCTACOSANE	16.870	3766323	23.532 ug/ml
13) N-TRIACONTANE	17.758	3571936	23.255 ug/ml
14) N-DOTRIACONTANE	18.591	3184375	21.805 ug/ml
15) N-TETRATRIACONTANE	19.373	2629016	19.195 ug/mlm
16) N-HEXATRIACONTANE	20.114	2087950	16.792 ug/ml
17) N-OCTATRIACONTANE	20.852	1754314	15.754 ug/mlm
18) N-TETRACONTANE	21.763	1449674	14.127 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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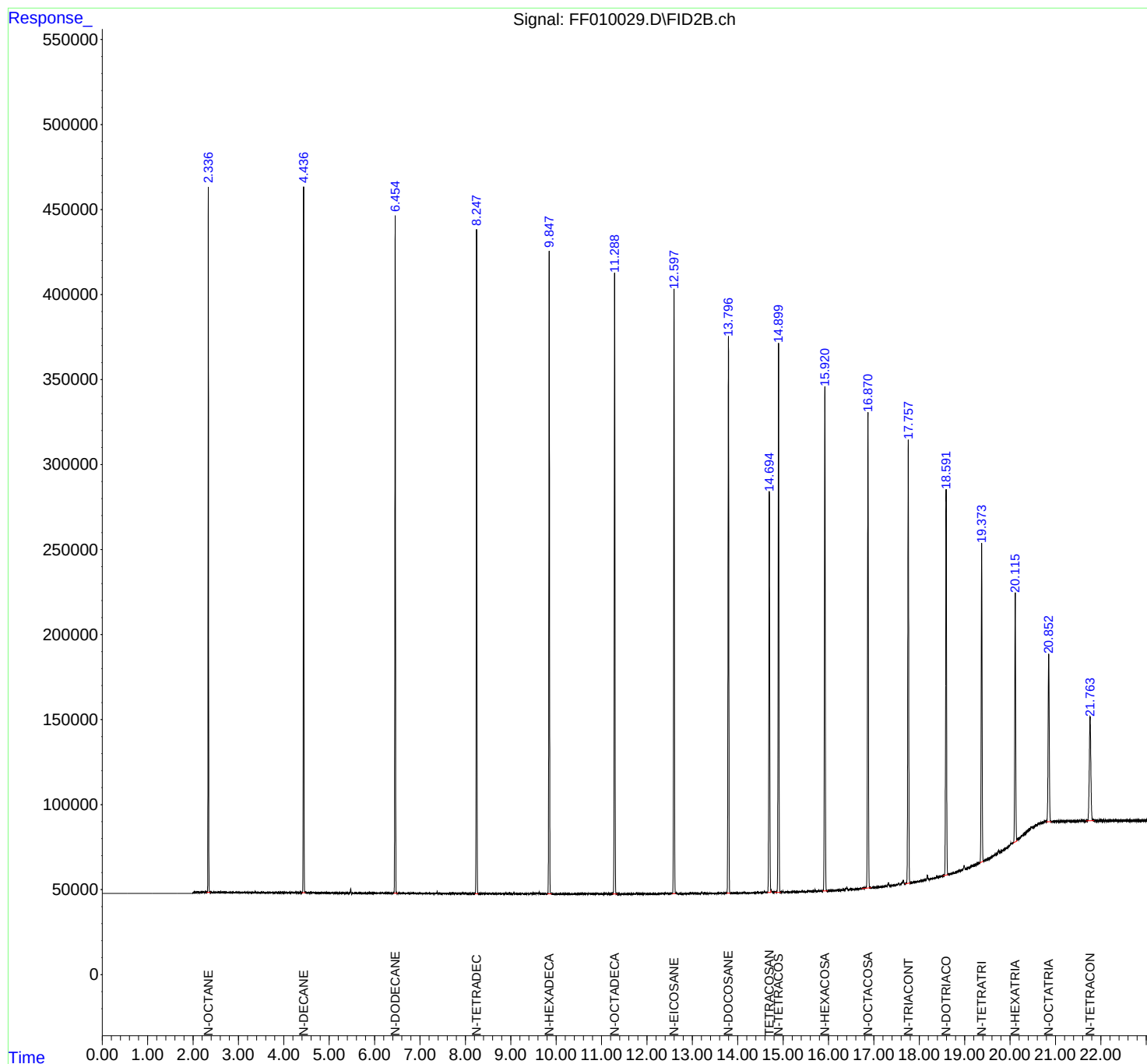
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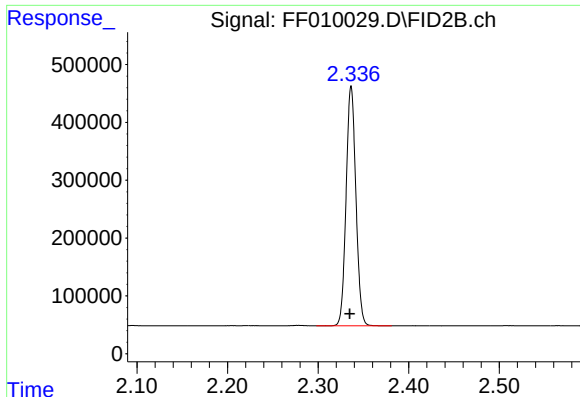
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.337 min
Delta R.T.: 0.002 min
Response: 3106606
Conc: 18.74 ug/ml

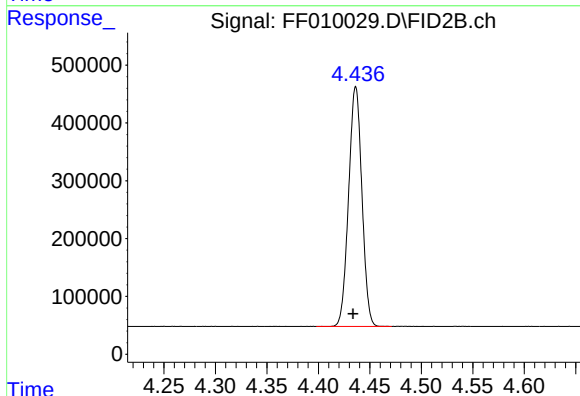
Instrument :

FID_F

ClientSampleId :
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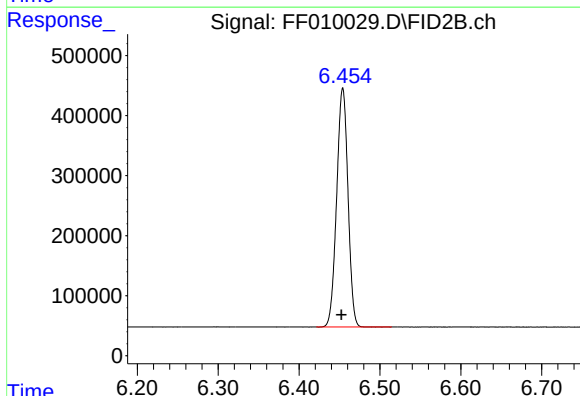
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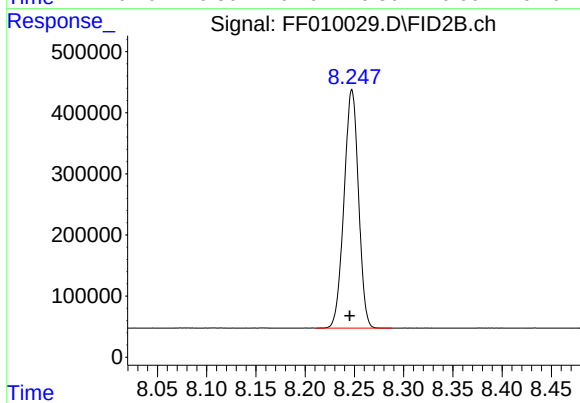
#2 N-DECANE

R.T.: 4.436 min
Delta R.T.: 0.003 min
Response: 3727535
Conc: 21.86 ug/ml



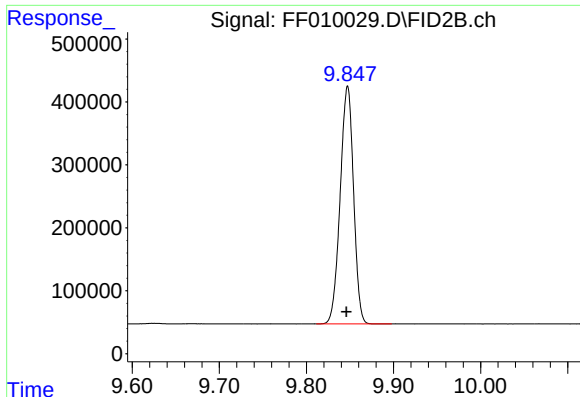
#3 N-DODECANE

R.T.: 6.454 min
Delta R.T.: 0.002 min
Response: 3867205
Conc: 22.49 ug/ml



#4 N-TETRADECANE

R.T.: 8.247 min
Delta R.T.: 0.002 min
Response: 3994782
Conc: 23.01 ug/ml



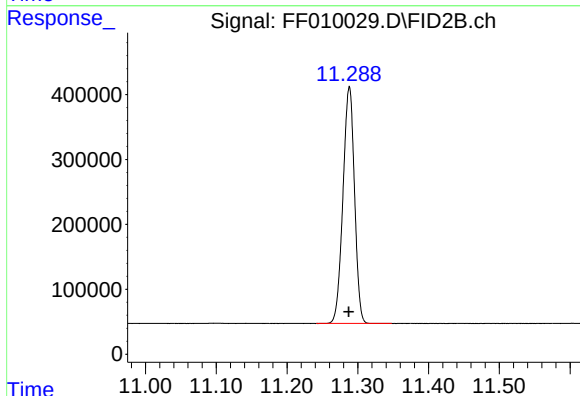
#5 N-HEXADECANE

R.T.: 9.847 min
Delta R.T.: 0.001 min
Response: 4027264
Conc: 23.12 ug/ml

Instrument :
FID_F
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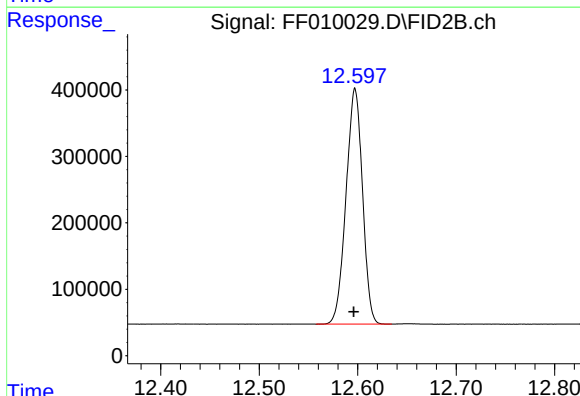
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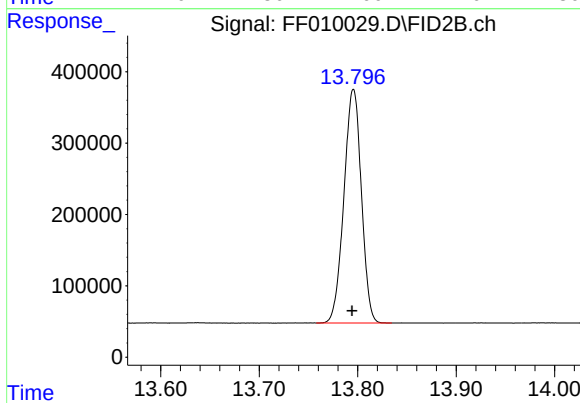
#6 N-OCTADECANE

R.T.: 11.288 min
Delta R.T.: 0.000 min
Response: 4128306
Conc: 23.09 ug/ml



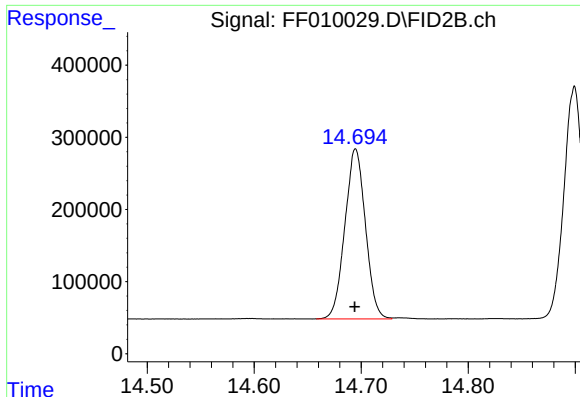
#7 N-EICOSANE

R.T.: 12.597 min
Delta R.T.: 0.001 min
Response: 4119352
Conc: 23.72 ug/ml



#8 N-DOCOSANE

R.T.: 13.796 min
Delta R.T.: 0.001 min
Response: 4033753
Conc: 23.59 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.694 min
Delta R.T.: 0.000 min
Response: 3146263
Conc: 20.98 ug/ml

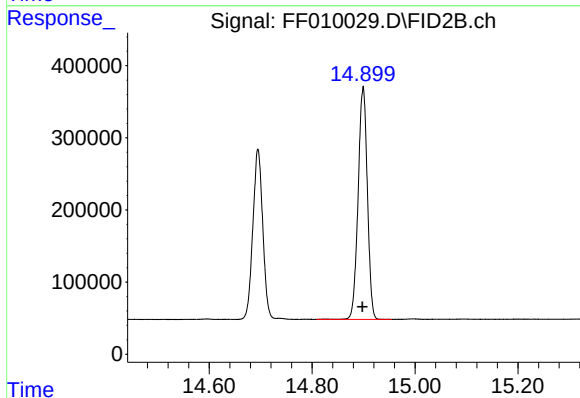
Instrument :

FID_F

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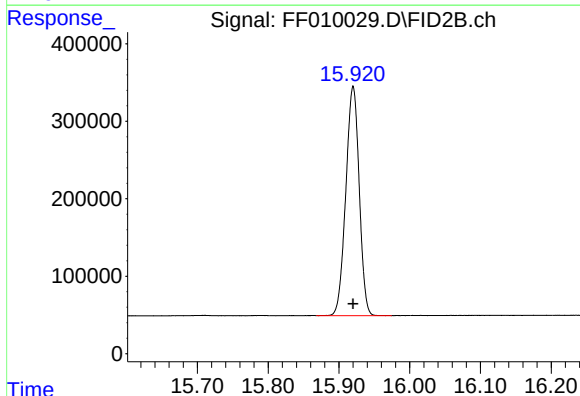
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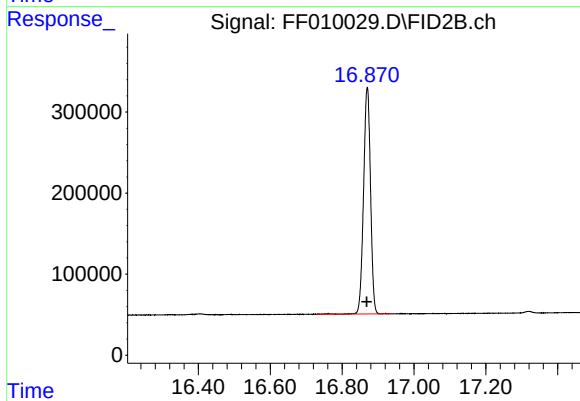
#10 N-TETRACOSANE

R.T.: 14.899 min
Delta R.T.: 0.001 min
Response: 4017145
Conc: 23.78 ug/ml



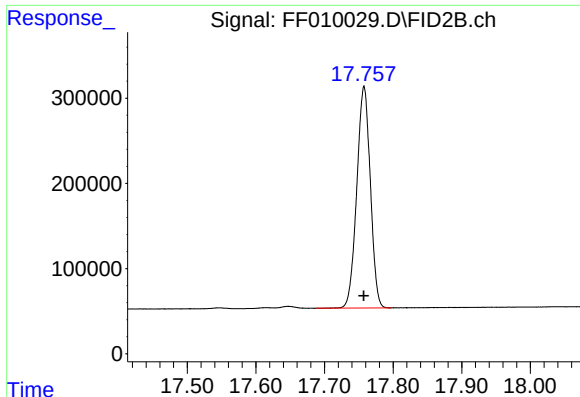
#11 N-HEXACOSANE

R.T.: 15.920 min
Delta R.T.: 0.000 min
Response: 3890706
Conc: 23.56 ug/ml



#12 N-OCTACOSANE

R.T.: 16.870 min
Delta R.T.: 0.001 min
Response: 3766323
Conc: 23.53 ug/ml



#13 N-TRIACONTANE

R.T.: 17.758 min
Delta R.T.: 0.000 min
Response: 3571936
Conc: 23.25 ug/ml

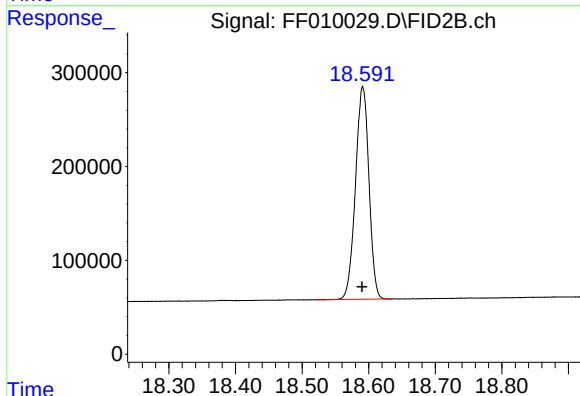
Instrument :

FID_F

ClientSampleId :
PB143390BS

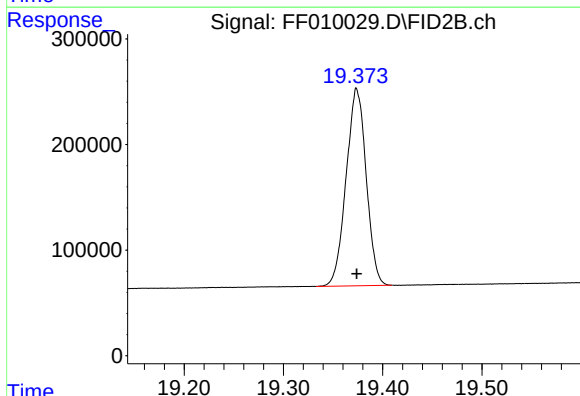
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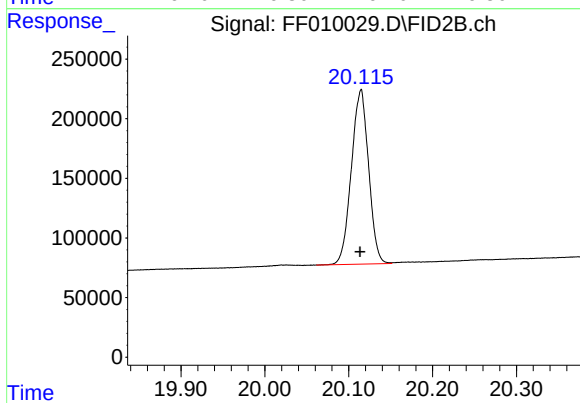
#14 N-DOTRIACONTANE

R.T.: 18.591 min
Delta R.T.: 0.001 min
Response: 3184375
Conc: 21.81 ug/ml



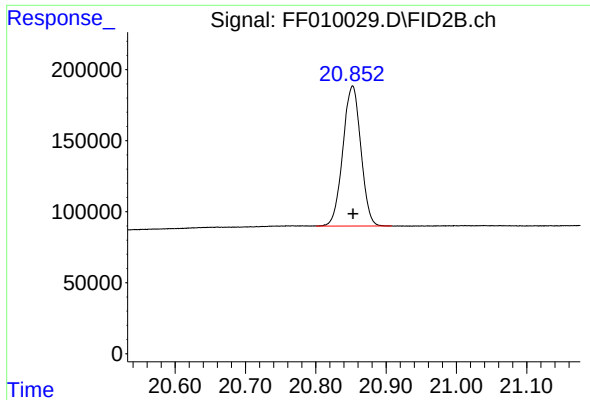
#15 N-TETRATRIACONTANE

R.T.: 19.373 min
Delta R.T.: 0.000 min
Response: 2629016
Conc: 19.20 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.114 min
Delta R.T.: 0.000 min
Response: 2087950
Conc: 16.79 ug/ml



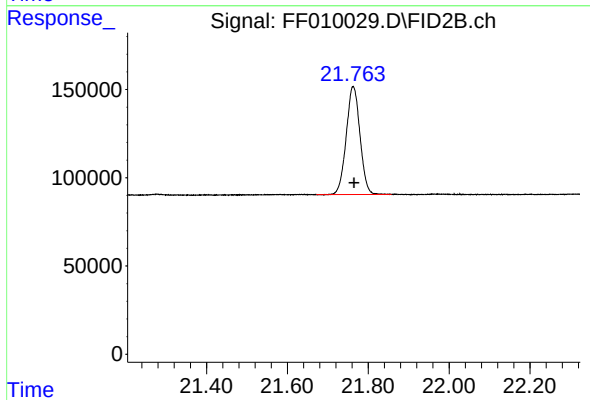
#17 N-OCTATRIACONTANE

R.T.: 20.852 min
Delta R.T.: 0.000 min
Response: 1754314
Conc: 15.75 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.763 min
Delta R.T.: -0.003 min
Response: 1449674
Conc: 14.13 ug/ml