

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122921\
 Data File : FF009599.D
 Signal(s) : FID2B.ch
 Acq On : 29 Dec 2021 16:40
 Operator : AJ\MA
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

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 00:23:44 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...	14.468	6287680	54.279 ug/ml
Target Compounds			
1) N-OCTANE	2.184	8141782	58.782 ug/ml
2) N-DECANE	4.253	8493283	59.569 ug/ml
3) N-DODECANE	6.262	8479913	58.638 ug/ml
4) N-TETRADECANE	8.048	8405055	57.809 ug/ml
5) N-HEXADECANE	9.641	8148542	56.737 ug/ml
6) N-OCTADECANE	11.076	8087337	56.034 ug/ml
7) N-EICOSANE	12.380	7823181	55.202 ug/ml
8) N-DOCOSANE	13.573	7475150	54.857 ug/ml
10) N-TETRACOSANE	14.671	7130672	54.156 ug/ml
11) N-HEXACOSANE	15.688	6726931	53.823 ug/ml
12) N-OCTACOSANE	16.633	6460593	54.255 ug/ml
13) N-TRIACONTANE	17.517	6247791	54.544 ug/ml
14) N-DOTRIACONTANE	18.345	5867799	53.693 ug/mlm
15) N-TETRATRIACONTANE	19.125	5378076	50.772 ug/ml
16) N-HEXATRIACONTANE	19.862	4587722	45.803 ug/mlm
17) N-OCTATRIACONTANE	20.566	3742500	38.113 ug/mlm
18) N-TETRACONTANE	21.388	3171282	31.400 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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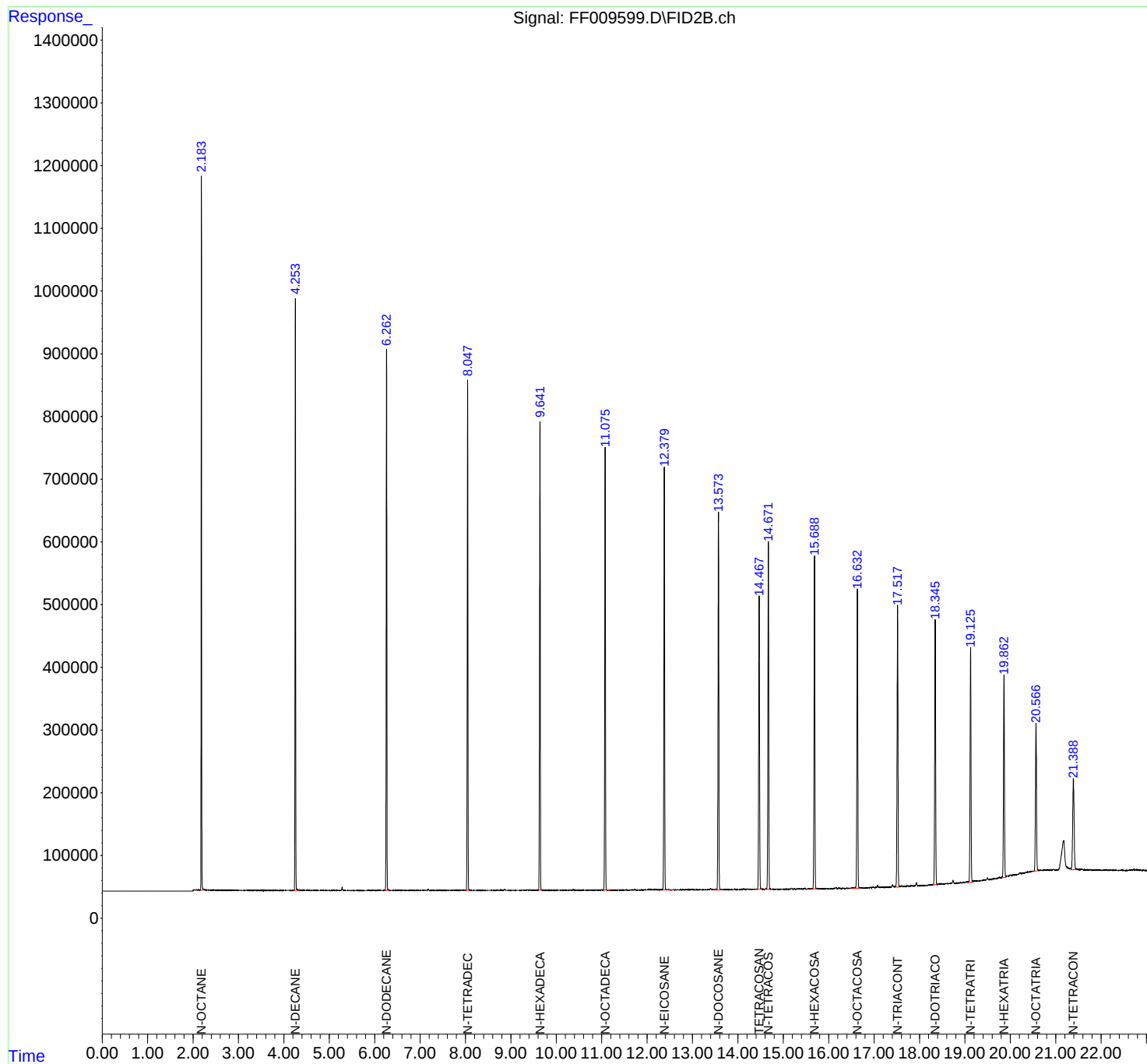
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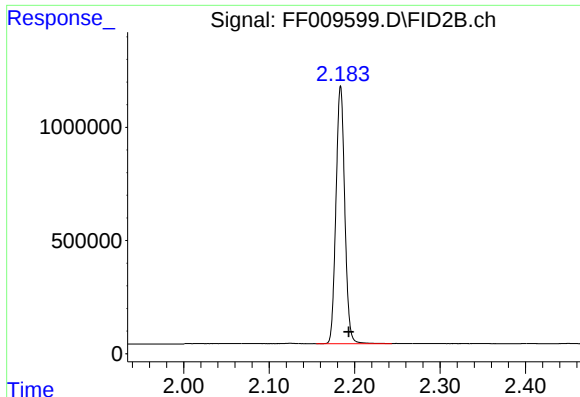
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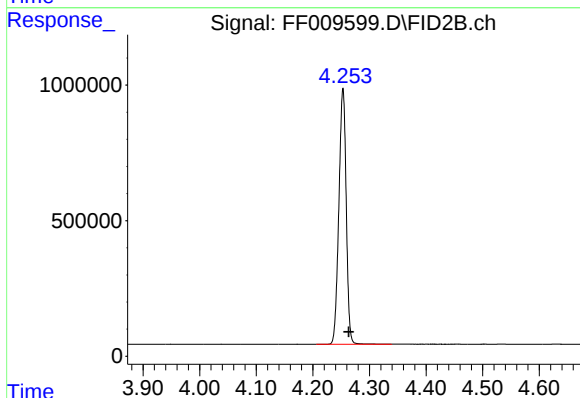
#1 N-OCTANE

R.T.: 2.184 min
Delta R.T.: -0.009 min
Response: 8141782
Conc: 58.78 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

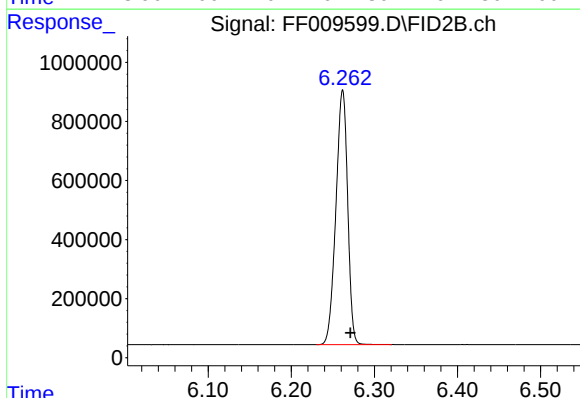
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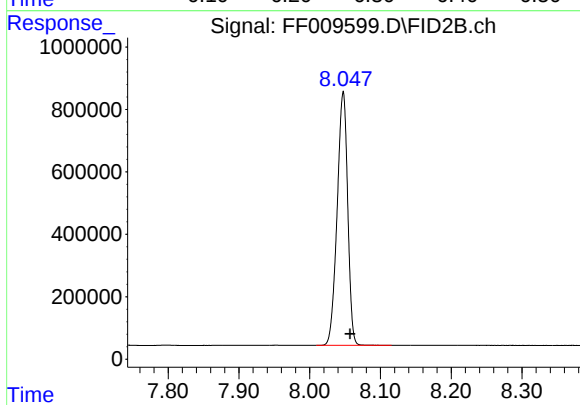
#2 N-DECANE

R.T.: 4.253 min
Delta R.T.: -0.010 min
Response: 8493283
Conc: 59.57 ug/ml



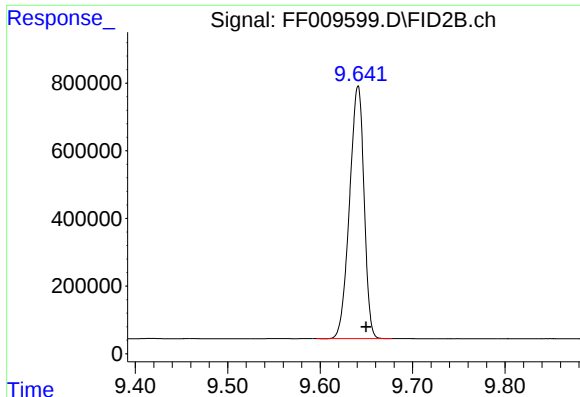
#3 N-DODECANE

R.T.: 6.262 min
Delta R.T.: -0.009 min
Response: 8479913
Conc: 58.64 ug/ml



#4 N-TETRADECANE

R.T.: 8.048 min
Delta R.T.: -0.010 min
Response: 8405055
Conc: 57.81 ug/ml



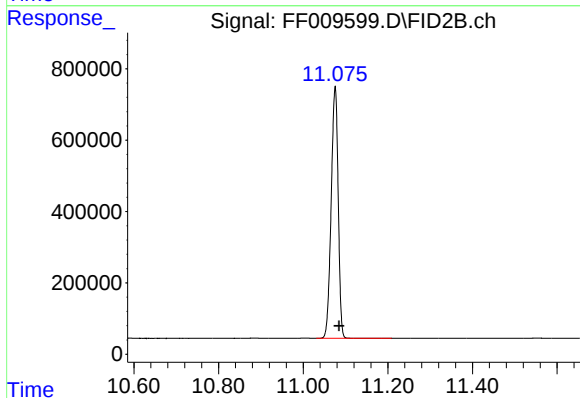
#5 N-HEXADECANE

R.T.: 9.641 min
Delta R.T.: -0.008 min
Response: 8148542
Conc: 56.74 ug/ml

Instrument :
FID_F
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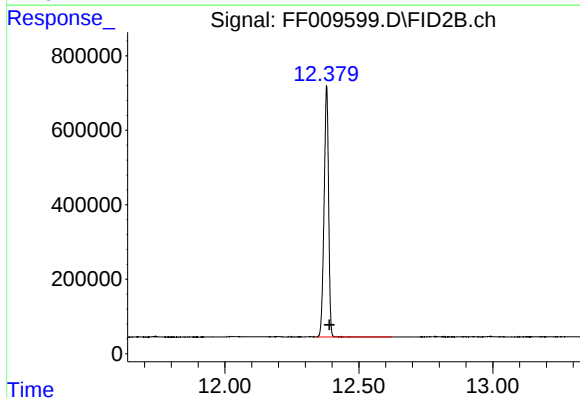
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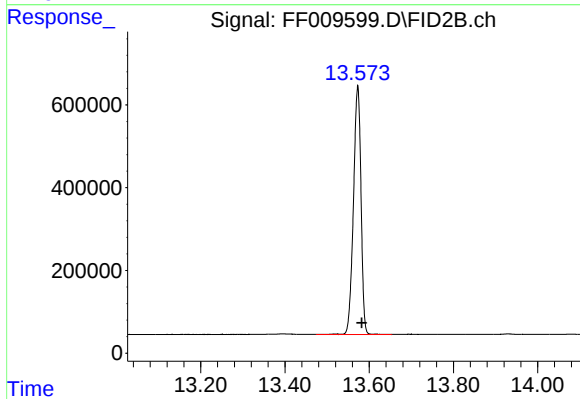
#6 N-OCTADECANE

R.T.: 11.076 min
Delta R.T.: -0.009 min
Response: 8087337
Conc: 56.03 ug/ml



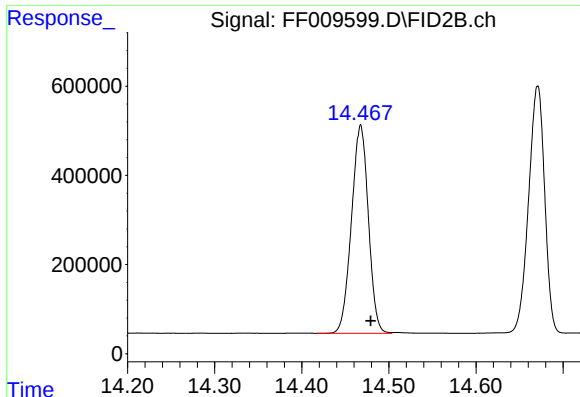
#7 N-EICOSANE

R.T.: 12.380 min
Delta R.T.: -0.010 min
Response: 7823181
Conc: 55.20 ug/ml



#8 N-DOCOSANE

R.T.: 13.573 min
Delta R.T.: -0.010 min
Response: 7475150
Conc: 54.86 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.468 min
Delta R.T.: -0.011 min
Response: 6287680
Conc: 54.28 ug/ml

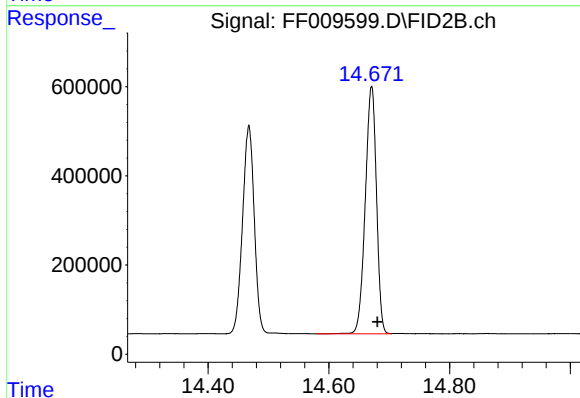
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

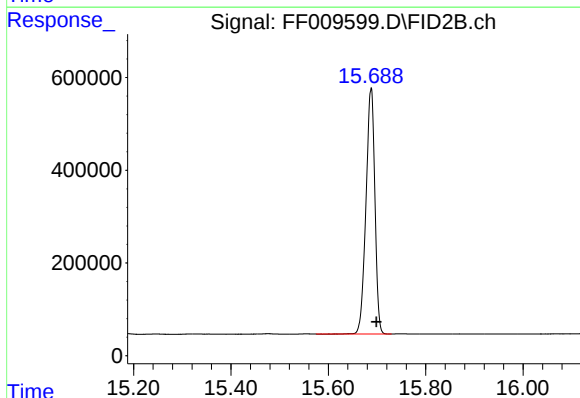
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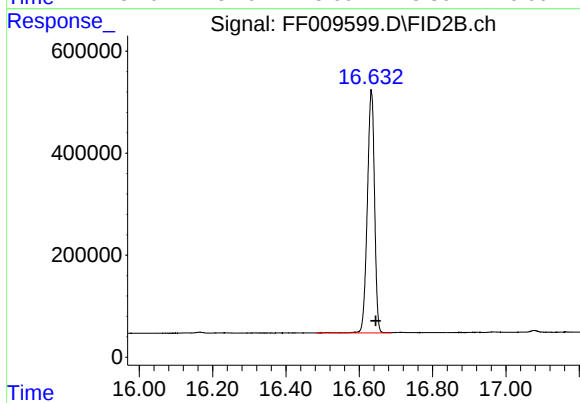
#10 N-TETRACOSANE

R.T.: 14.671 min
Delta R.T.: -0.010 min
Response: 7130672
Conc: 54.16 ug/ml



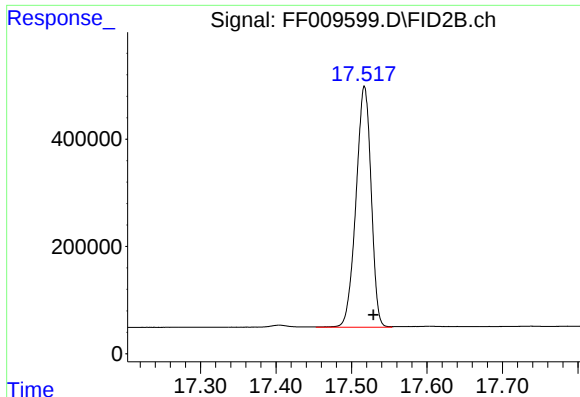
#11 N-HEXACOSANE

R.T.: 15.688 min
Delta R.T.: -0.010 min
Response: 6726931
Conc: 53.82 ug/ml



#12 N-OCTACOSANE

R.T.: 16.633 min
Delta R.T.: -0.013 min
Response: 6460593
Conc: 54.26 ug/ml



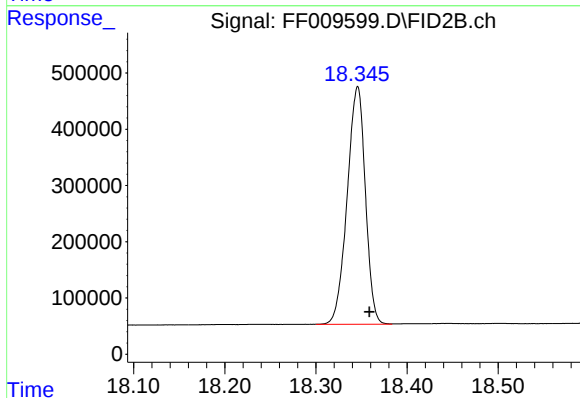
#13 N-TRIACONTANE

R.T.: 17.517 min
Delta R.T.: -0.012 min
Response: 6247791
Conc: 54.54 ug/ml

Instrument :
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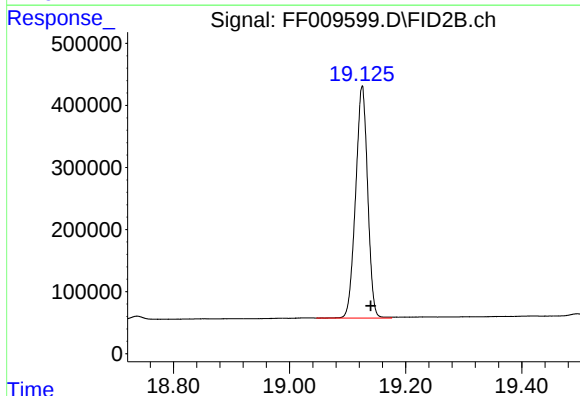
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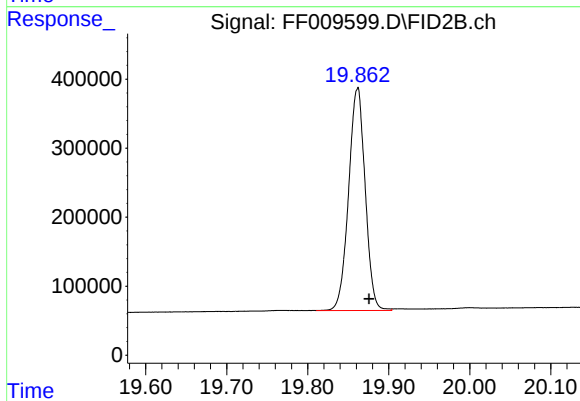
#14 N-DOTRIACONTANE

R.T.: 18.345 min
Delta R.T.: -0.014 min
Response: 5867799
Conc: 53.69 ug/ml m



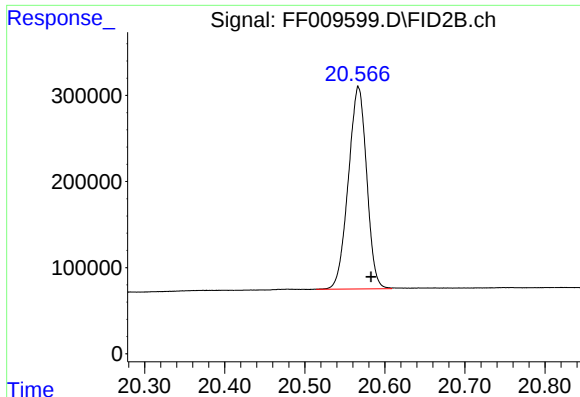
#15 N-TETRATRIACONTANE

R.T.: 19.125 min
Delta R.T.: -0.015 min
Response: 5378076
Conc: 50.77 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.862 min
Delta R.T.: -0.014 min
Response: 4587722
Conc: 45.80 ug/ml m



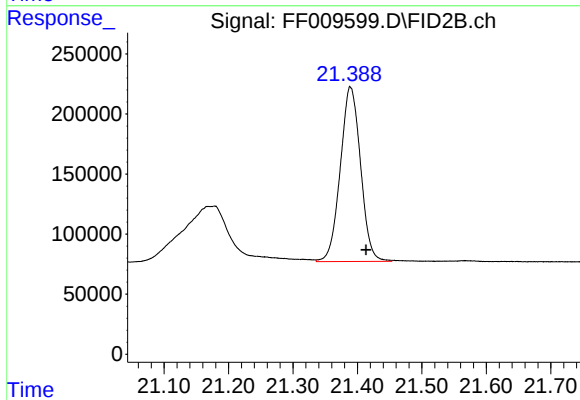
#17 N-OCTATRIACONTANE

R.T.: 20.566 min
Delta R.T.: -0.017 min
Response: 3742500
Conc: 38.11 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.388 min
Delta R.T.: -0.026 min
Response: 3171282
Conc: 31.40 ug/ml m