

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022122\
 Data File : FF009958.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2022 12:03
 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 02/22/2022
 Supervised By :Ankita Jodhani 02/22/2022

Integration File: autoint1.e
 Quant Time: Feb 22 00:09:02 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...	14.416	6012985	55.633 ug/ml
Target Compounds			
1) N-OCTANE	2.148	7463537	54.939 ug/ml
2) N-DECANE	4.205	7656886	55.809 ug/ml
3) N-DODECANE	6.211	7628844	55.498 ug/ml
4) N-TETRADECANE	7.996	7595936	55.577 ug/ml
5) N-HEXADECANE	9.588	7505852	55.573 ug/ml
6) N-OCTADECANE	11.023	7538823	55.501 ug/ml
7) N-EICOSANE	12.327	7158177	55.617 ug/ml
8) N-DOCOSANE	13.520	6939968	55.743 ug/ml
10) N-TETRACOSANE	14.619	6763857	54.620 ug/ml
11) N-HEXACOSANE	15.636	6514400	54.841 ug/ml
12) N-OCTACOSANE	16.581	6338559	54.010 ug/ml
13) N-TRIACONTANE	17.466	6181515	53.274 ug/ml
14) N-DOTRIACONTANE	18.295	6029914	52.068 ug/ml
15) N-TETRATRIACONTANE	19.075	5749796	51.384 ug/ml
16) N-HEXATRIACONTANE	19.813	5287412	50.227 ug/mlm
17) N-OCTATRIACONTANE	20.514	4509140	48.444 ug/mlm
18) N-TETRACONTANE	21.321	4082516	43.946 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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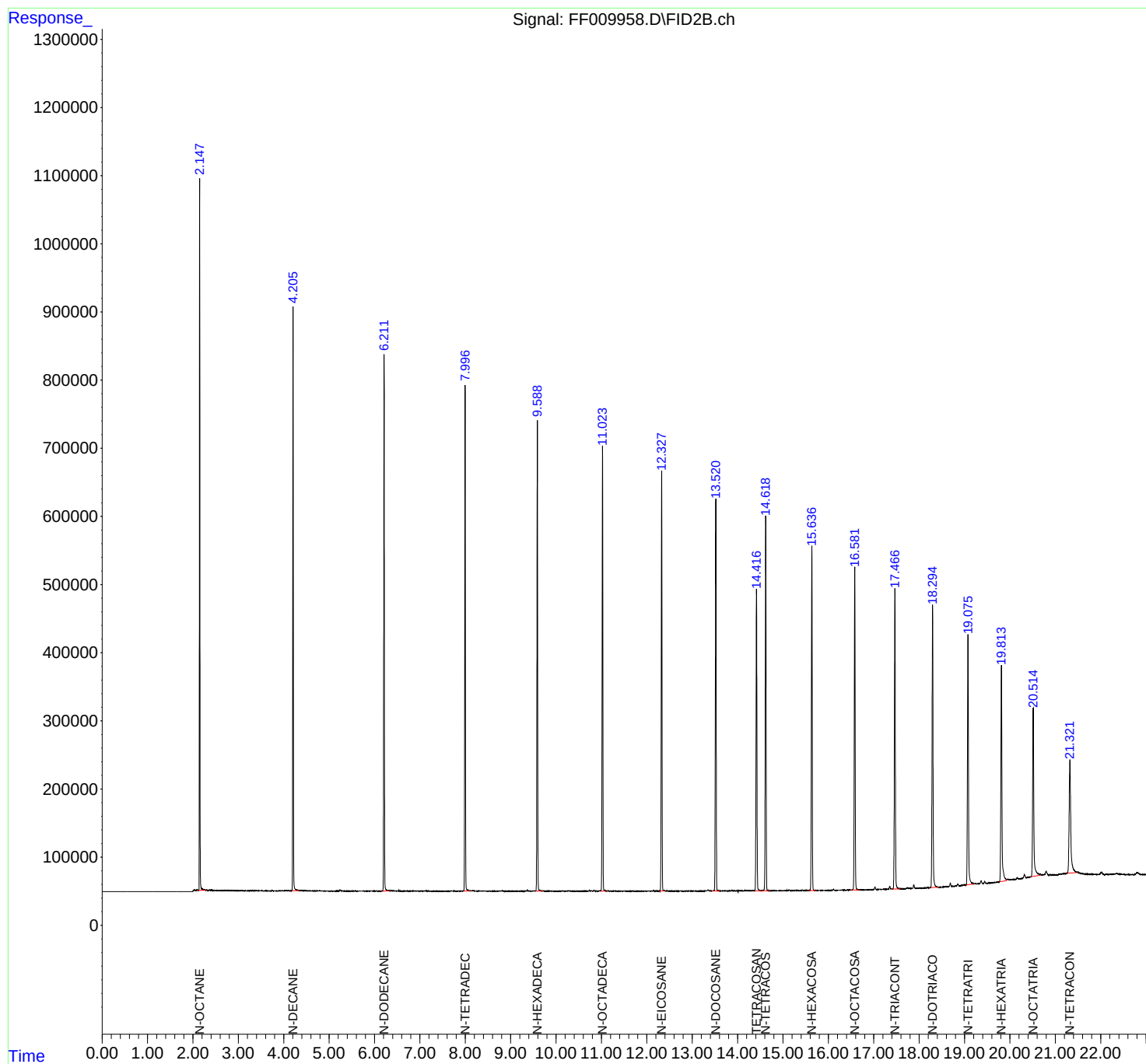
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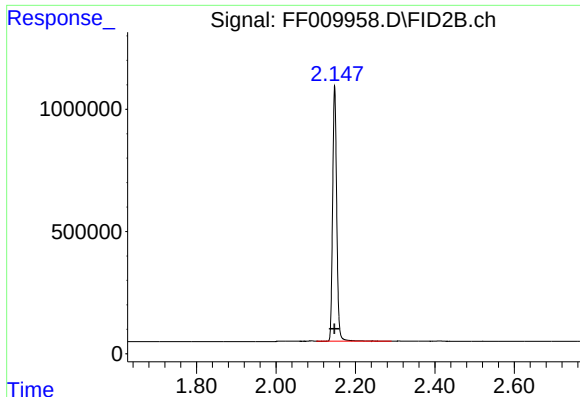
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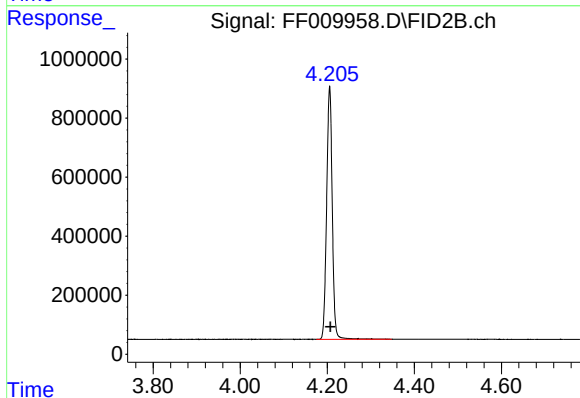
#1 N-OCTANE

R.T.: 2.148 min
Delta R.T.: 0.000 min
Response: 7463537
Conc: 54.94 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

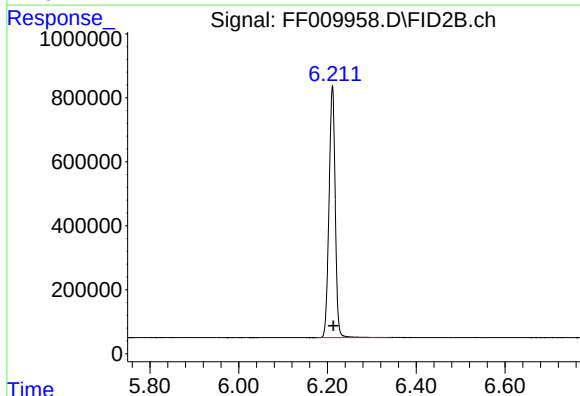
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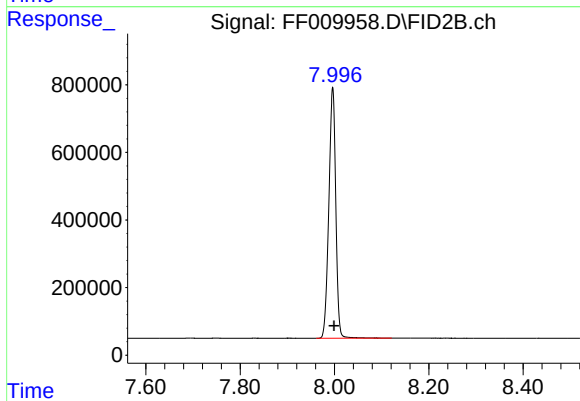
#2 N-DECANE

R.T.: 4.205 min
Delta R.T.: -0.002 min
Response: 7656886
Conc: 55.81 ug/ml



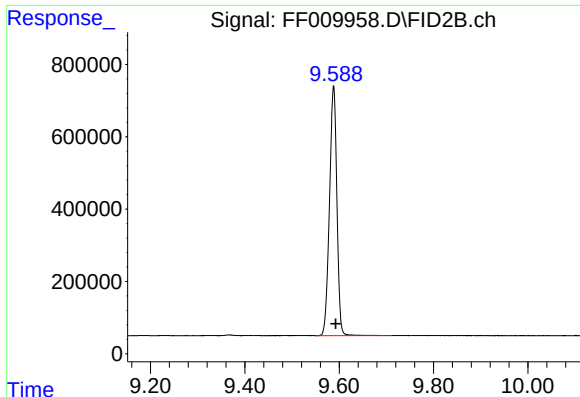
#3 N-DODECANE

R.T.: 6.211 min
Delta R.T.: -0.003 min
Response: 7628844
Conc: 55.50 ug/ml



#4 N-TETRADECANE

R.T.: 7.996 min
Delta R.T.: -0.003 min
Response: 7595936
Conc: 55.58 ug/ml



#5 N-HEXADECANE

R.T.: 9.588 min
Delta R.T.: -0.004 min
Response: 7505852
Conc: 55.57 ug/ml

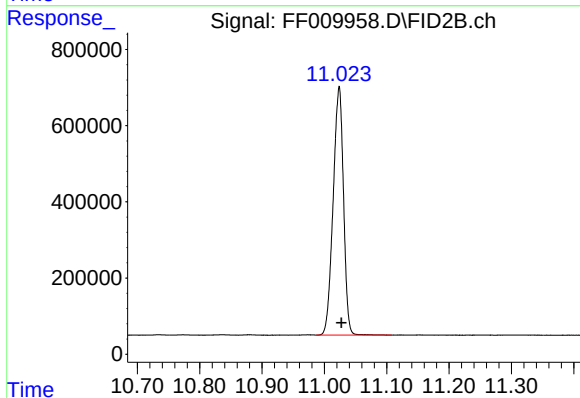
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

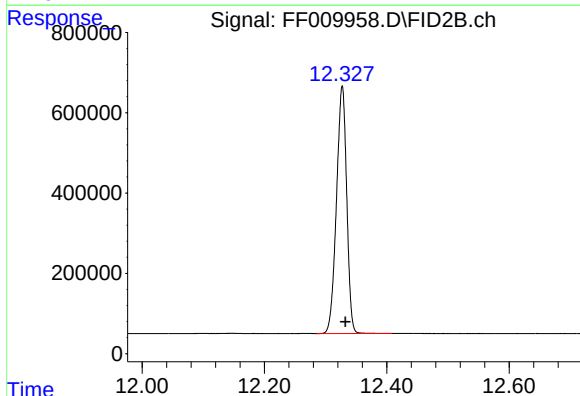
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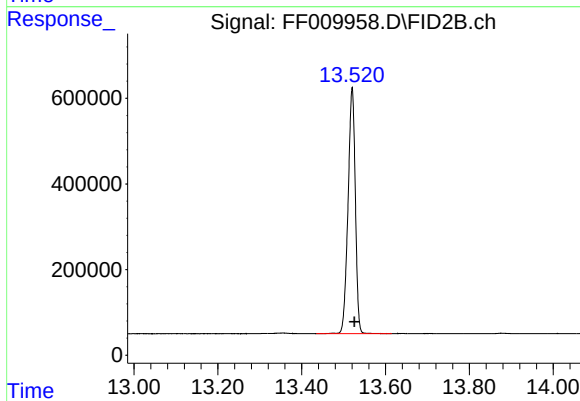
#6 N-OCTADECANE

R.T.: 11.023 min
Delta R.T.: -0.004 min
Response: 7538823
Conc: 55.50 ug/ml



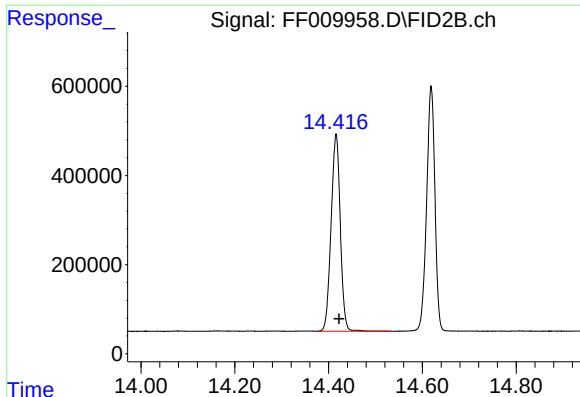
#7 N-EICOSANE

R.T.: 12.327 min
Delta R.T.: -0.005 min
Response: 7158177
Conc: 55.62 ug/ml



#8 N-DOCOSANE

R.T.: 13.520 min
Delta R.T.: -0.006 min
Response: 6939968
Conc: 55.74 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.416 min
Delta R.T.: -0.006 min
Response: 6012985
Conc: 55.63 ug/ml

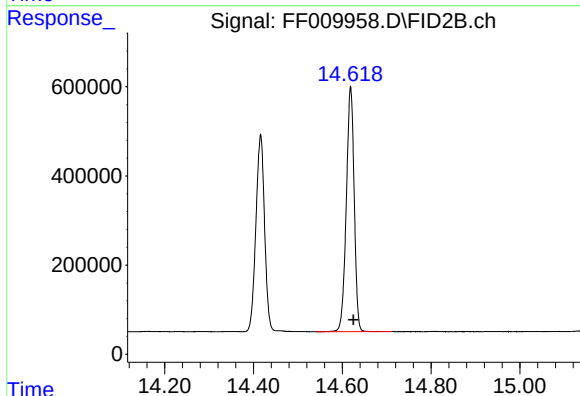
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

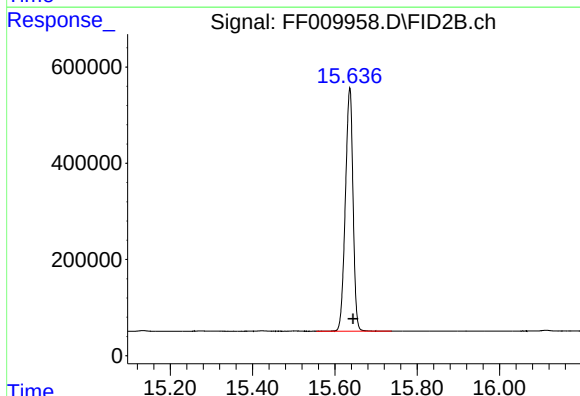
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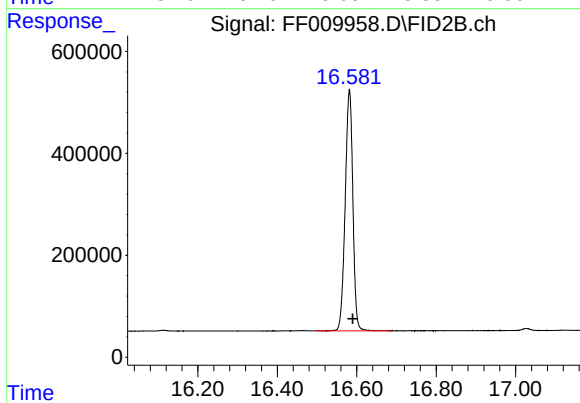
#10 N-TETRACOSANE

R.T.: 14.619 min
Delta R.T.: -0.006 min
Response: 6763857
Conc: 54.62 ug/ml



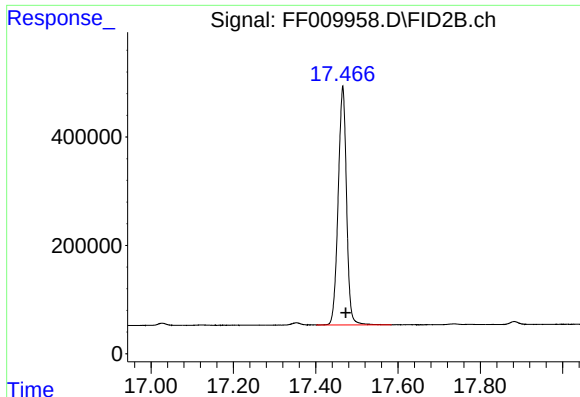
#11 N-HEXACOSANE

R.T.: 15.636 min
Delta R.T.: -0.008 min
Response: 6514400
Conc: 54.84 ug/ml



#12 N-OCTACOSANE

R.T.: 16.581 min
Delta R.T.: -0.008 min
Response: 6338559
Conc: 54.01 ug/ml



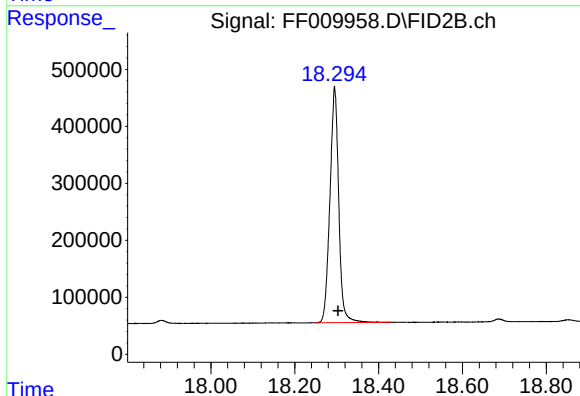
#13 N-TRIACONTANE

R.T.: 17.466 min
Delta R.T.: -0.008 min
Response: 6181515
Conc: 53.27 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

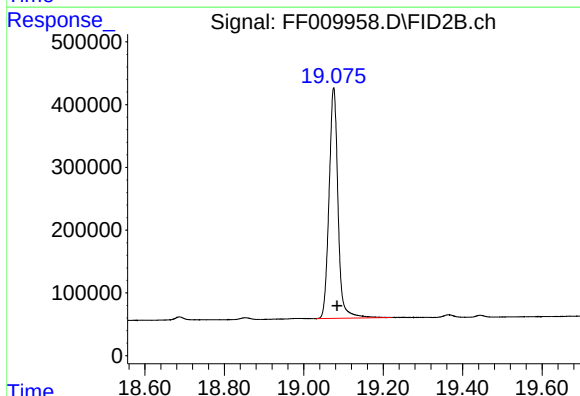
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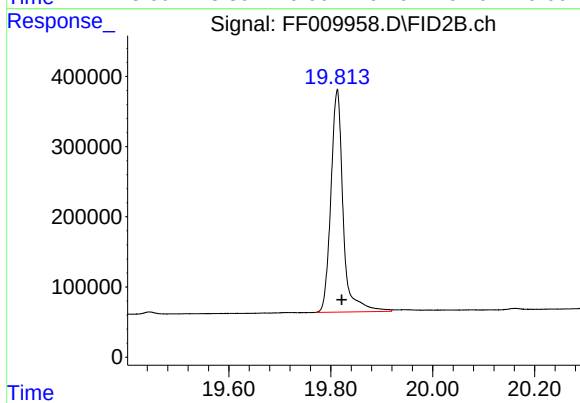
#14 N-DOTRIACONTANE

R.T.: 18.295 min
Delta R.T.: -0.008 min
Response: 6029914
Conc: 52.07 ug/ml



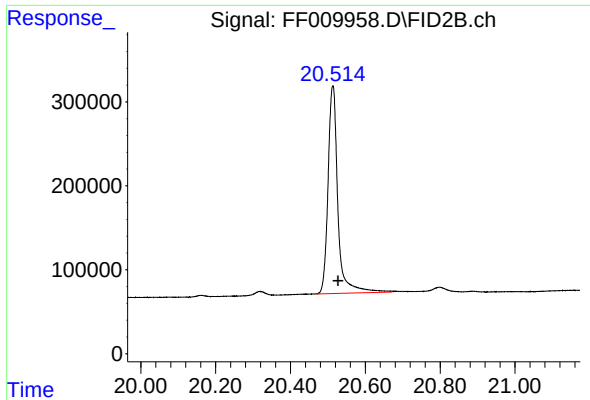
#15 N-TETRATRIACONTANE

R.T.: 19.075 min
Delta R.T.: -0.009 min
Response: 5749796
Conc: 51.38 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.813 min
Delta R.T.: -0.009 min
Response: 5287412
Conc: 50.23 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.514 min
Delta R.T.: -0.013 min
Response: 4509140
Conc: 48.44 ug/ml

Instrument :

FID_F

ClientSampleId :

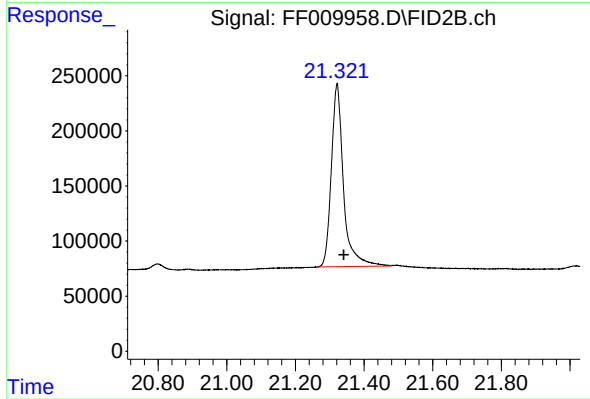
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#18 N-TETRACONTANE

R.T.: 21.321 min
Delta R.T.: -0.020 min
Response: 4082516
Conc: 43.95 ug/ml m