

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011822\
 Data File : FF009697.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jan 2022 17:15
 Operator : AJ\MA
 Sample : PB142023BS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB142023BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/19/2022
 Supervised By :Ankita Jodhani 01/20/2022

Integration File: autoint1.e
 Quant Time: Jan 19 00:19:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011722.M
 Quant Title :
 QLast Update : Tue Jan 18 02:53:40 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...	14.450	2944668	22.534 ug/ml
Target Compounds			
1) N-OCTANE	2.176	2417786	17.490 ug/ml
2) N-DECANE	4.238	2871147	20.301 ug/ml
3) N-DODECANE	6.244	3056143	21.357 ug/ml
4) N-TETRADECANE	8.028	3215987	21.885 ug/ml
5) N-HEXADECANE	9.621	3048923	20.381 ug/ml
6) N-OCTADECANE	11.055	3322177	21.549 ug/ml
7) N-EICOSANE	12.359	3323150	21.984 ug/ml
8) N-DOCOSANE	13.553	3249604	21.851 ug/ml
10) N-TETRACOSANE	14.651	3236061	21.821 ug/ml
11) N-HEXACOSANE	15.669	3140877	21.482 ug/ml
12) N-OCTACOSANE	16.614	3099861	21.354 ug/ml
13) N-TRIACONTANE	17.496	3036484	21.222 ug/mlm
14) N-DOTRIACONTANE	18.327	2957012	21.730 ug/ml
15) N-TETRATRIACONTANE	19.107	2688222	22.633 ug/ml
16) N-HEXATRIACONTANE	19.844	2464326	23.902 ug/ml
17) N-OCTATRIACONTANE	20.549	2318295	25.998 ug/ml
18) N-TETRACONTANE	21.370	2276755	25.064 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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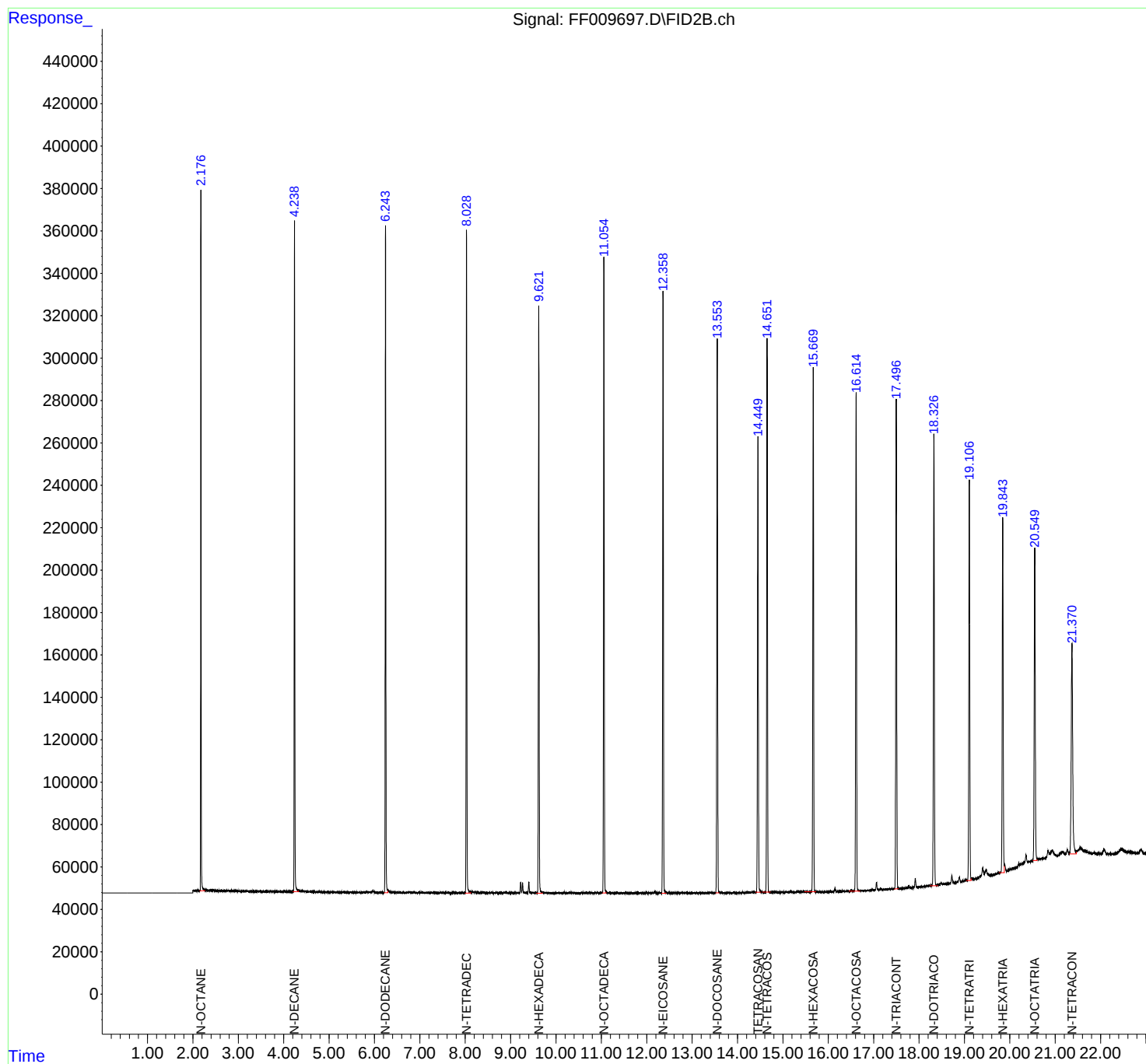
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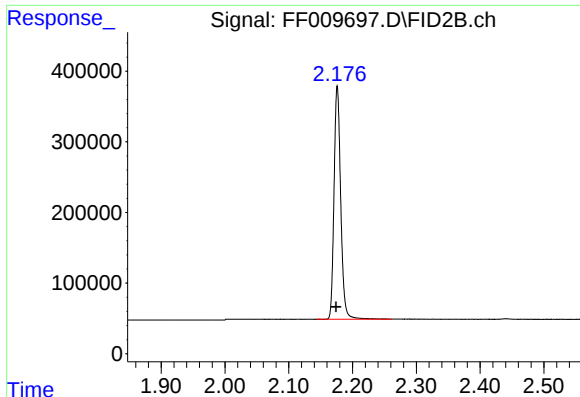
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.176 min
Delta R.T.: 0.002 min
Response: 2417786
Conc: 17.49 ug/ml

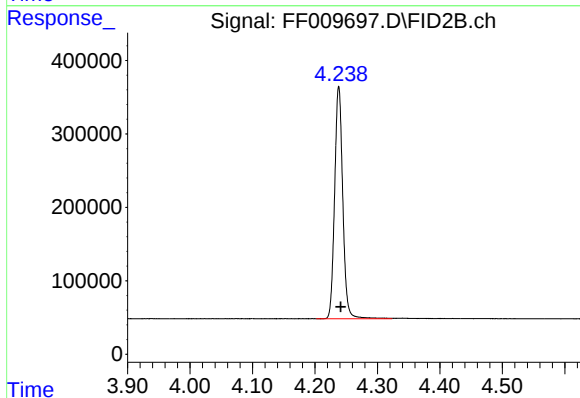
Instrument :

FID_F

ClientSampleId :
PB142023BS

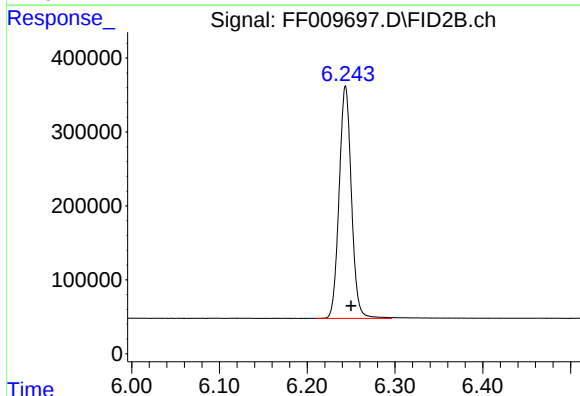
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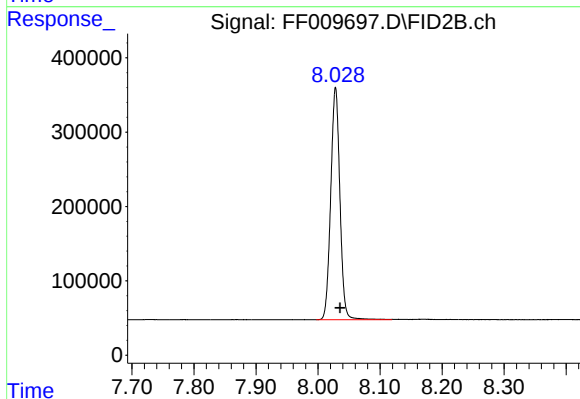
#2 N-DECANE

R.T.: 4.238 min
Delta R.T.: -0.003 min
Response: 2871147
Conc: 20.30 ug/ml



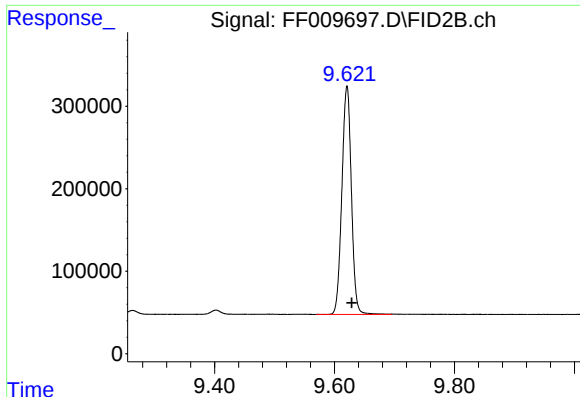
#3 N-DODECANE

R.T.: 6.244 min
Delta R.T.: -0.006 min
Response: 3056143
Conc: 21.36 ug/ml



#4 N-TETRADECANE

R.T.: 8.028 min
Delta R.T.: -0.007 min
Response: 3215987
Conc: 21.89 ug/ml



#5 N-HEXADECANE

R.T.: 9.621 min
Delta R.T.: -0.008 min
Response: 3048923
Conc: 20.38 ug/ml

Instrument :

FID_F

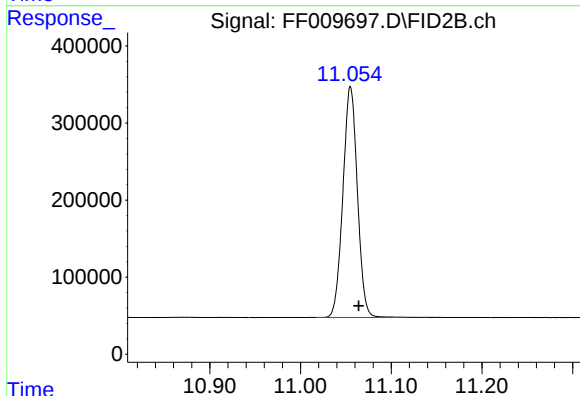
ClientSampleId :

PB142023BS

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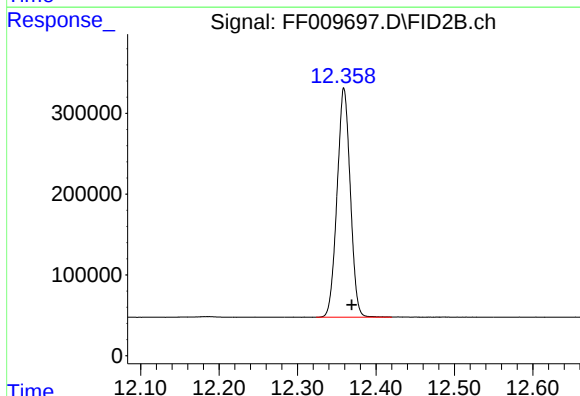
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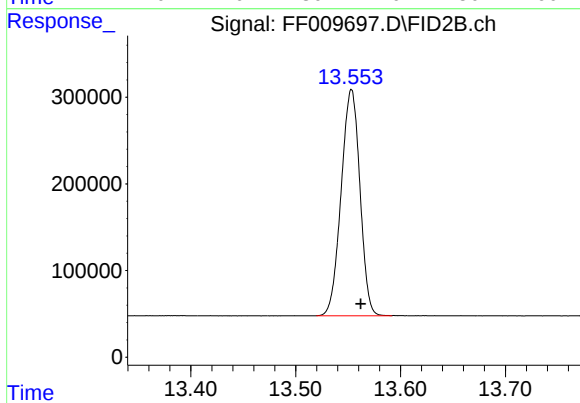
#6 N-OCTADECANE

R.T.: 11.055 min
Delta R.T.: -0.009 min
Response: 3322177
Conc: 21.55 ug/ml



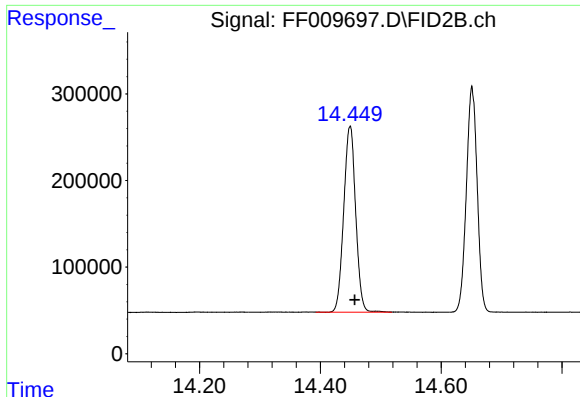
#7 N-EICOSANE

R.T.: 12.359 min
Delta R.T.: -0.010 min
Response: 3323150
Conc: 21.98 ug/ml



#8 N-DOCOSANE

R.T.: 13.553 min
Delta R.T.: -0.009 min
Response: 3249604
Conc: 21.85 ug/ml



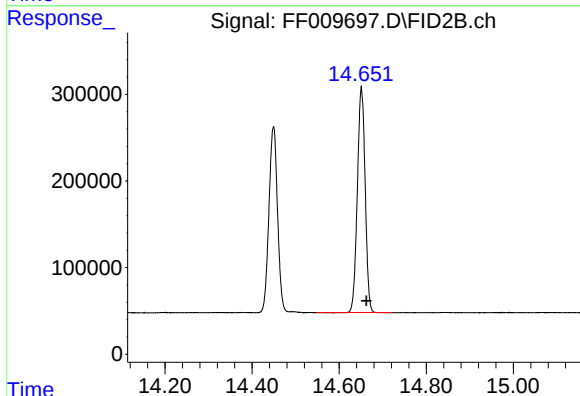
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.450 min
Delta R.T.: -0.008 min
Response: 2944668
Conc: 22.53 ug/ml

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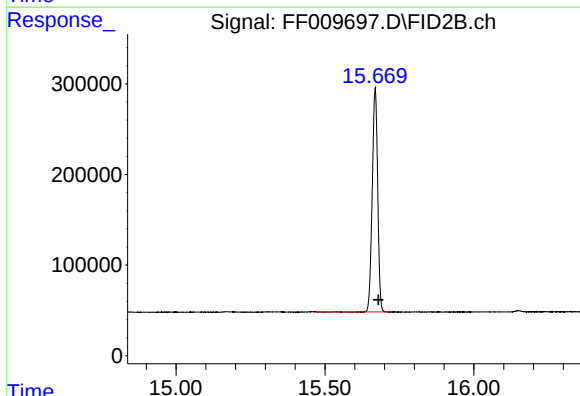
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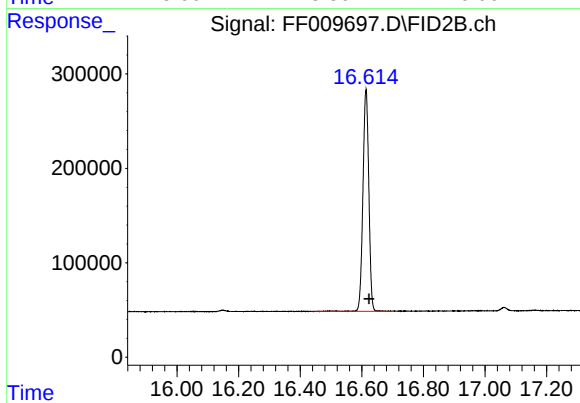
#10 N-TETRACOSANE

R.T.: 14.651 min
Delta R.T.: -0.012 min
Response: 3236061
Conc: 21.82 ug/ml



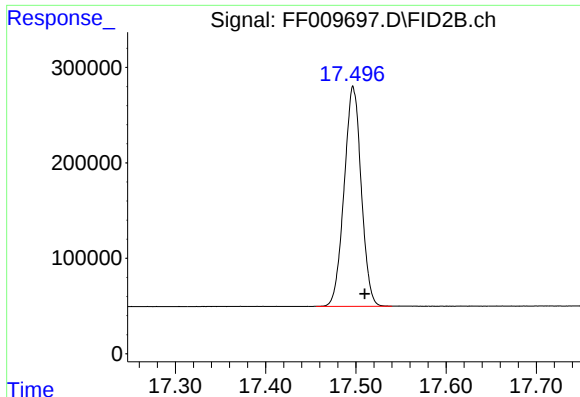
#11 N-HEXACOSANE

R.T.: 15.669 min
Delta R.T.: -0.010 min
Response: 3140877
Conc: 21.48 ug/ml



#12 N-OCTACOSANE

R.T.: 16.614 min
Delta R.T.: -0.010 min
Response: 3099861
Conc: 21.35 ug/ml



#13 N-TRIACONTANE

R.T.: 17.496 min
Delta R.T.: -0.013 min
Response: 3036484
Conc: 21.22 ug/ml

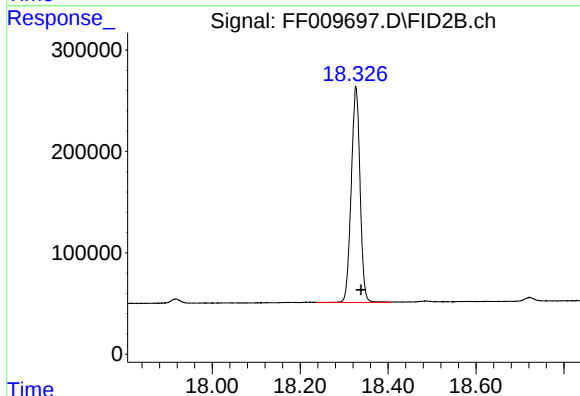
Instrument :

FID_F

ClientSampleId :
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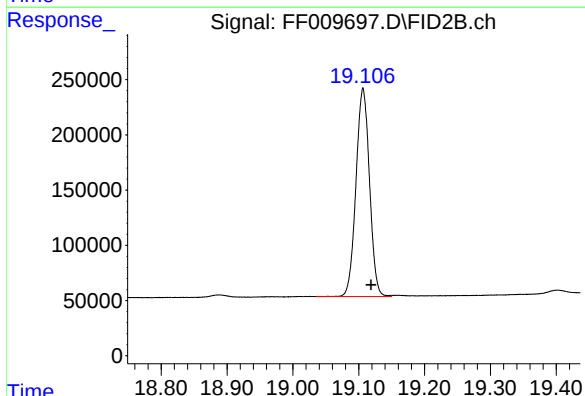
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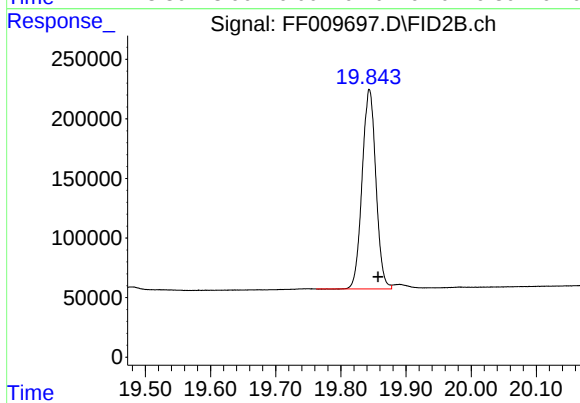
#14 N-DOTRIACONTANE

R.T.: 18.327 min
Delta R.T.: -0.012 min
Response: 2957012
Conc: 21.73 ug/ml



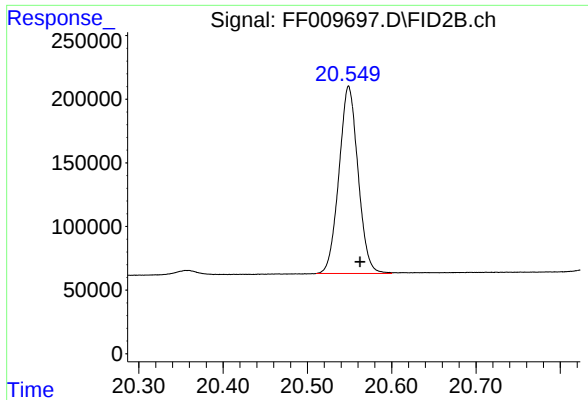
#15 N-TETRATRIACONTANE

R.T.: 19.107 min
Delta R.T.: -0.012 min
Response: 2688222
Conc: 22.63 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.844 min
Delta R.T.: -0.014 min
Response: 2464326
Conc: 23.90 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.549 min
Delta R.T.: -0.014 min
Response: 2318295
Conc: 26.00 ug/ml

Instrument :

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ClientSampleId :

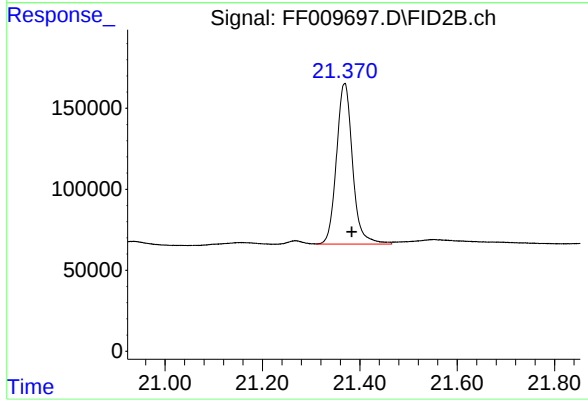
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#18 N-TETRACONTANE

R.T.: 21.370 min
Delta R.T.: -0.013 min
Response: 2276755
Conc: 25.06 ug/ml