

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031822\
 Data File : FF010099.D
 Signal(s) : FID2B.ch
 Acq On : 19 Mar 2022 04:08
 Operator : AJ\MA
 Sample : N1972-10MSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 G-5-7-14-15MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/21/2022
 Supervised By :mohammad ahmed 03/21/2022

Integration File: Sample.e
 Quant Time: Mar 19 06:07:13 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...	14.695	2254922	15.036 ug/mlm
Target Compounds			
1) N-OCTANE	2.333	2313704	13.960 ug/ml
2) N-DECANE	4.433	2816780	16.516 ug/ml
3) N-DODECANE	6.450	2918671	16.974 ug/ml
4) N-TETRADECANE	8.244	2991040	17.227 ug/ml
5) N-HEXADECANE	9.844	3466377	19.901 ug/ml
6) N-OCTADECANE	11.286	2999551	16.776 ug/ml
7) N-EICOSANE	12.596	3430741	19.758 ug/mlm
8) N-DOCOSANE	13.794	3142675	18.381 ug/mlm
10) N-TETRACOSANE	14.880	6811832	40.331 ug/ml
11) N-HEXACOSANE	15.920	2842095	17.212 ug/ml
12) N-OCTACOSANE	16.871	3383898	21.143 ug/ml
13) N-TRIACONTANE	17.758	2766799	18.013 ug/mlm
14) N-DOTRIACONTANE	18.591	3004725	20.575 ug/mlm
15) N-TETRATRIACONTANE	19.374	2922835	21.341 ug/mlm
16) N-HEXATRIACONTANE	20.117	2998557	24.115 ug/mlm
17) N-OCTATRIACONTANE	20.853	3133742	28.142 ug/ml
18) N-TETRACONTANE	21.767	4160219	40.542 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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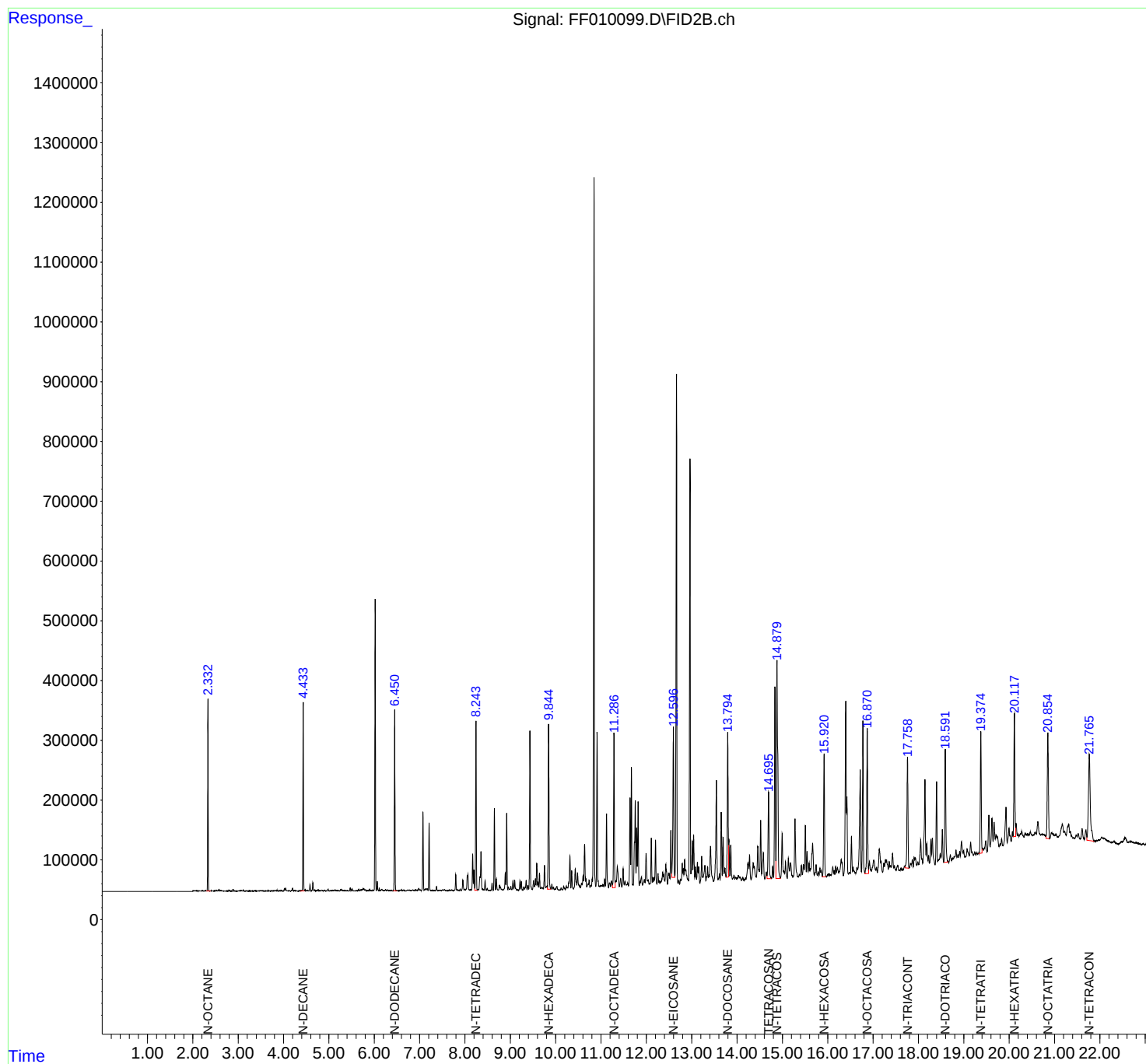
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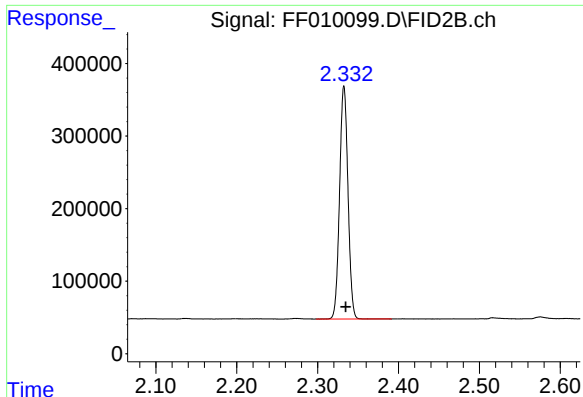
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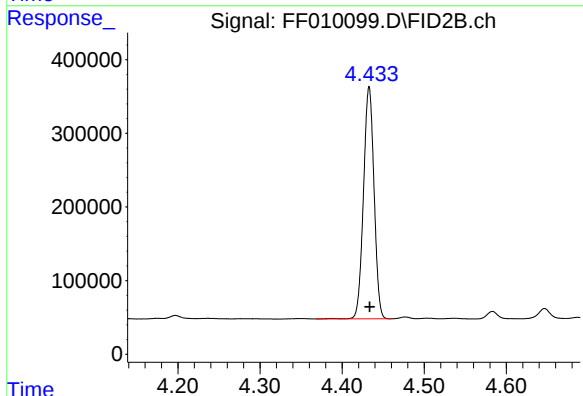
#1 N-OCTANE

R.T.: 2.333 min
Delta R.T.: -0.002 min
Response: 2313704
Conc: 13.96 ug/ml

Instrument :
FID_F
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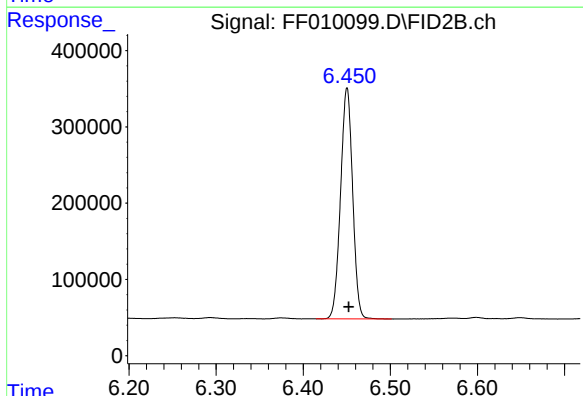
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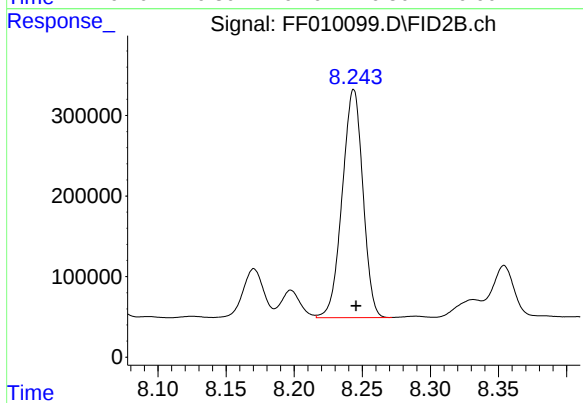
#2 N-DECANE

R.T.: 4.433 min
Delta R.T.: 0.000 min
Response: 2816780
Conc: 16.52 ug/ml



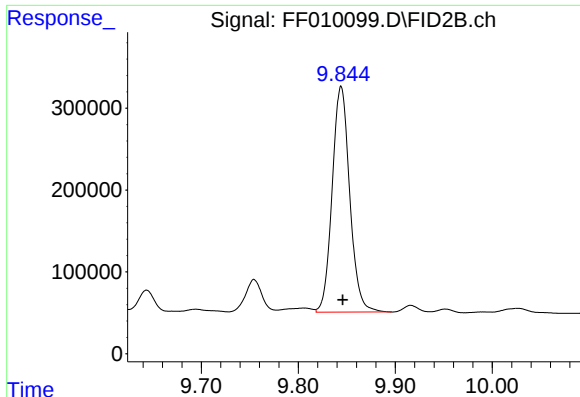
#3 N-DODECANE

R.T.: 6.450 min
Delta R.T.: -0.002 min
Response: 2918671
Conc: 16.97 ug/ml



#4 N-TETRADECANE

R.T.: 8.244 min
Delta R.T.: -0.002 min
Response: 2991040
Conc: 17.23 ug/ml



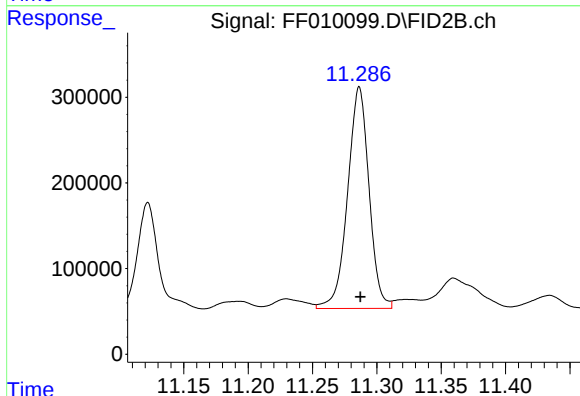
#5 N-HEXADECANE

R.T.: 9.844 min
Delta R.T.: -0.002 min
Response: 3466377
Conc: 19.90 ug/ml

Instrument :
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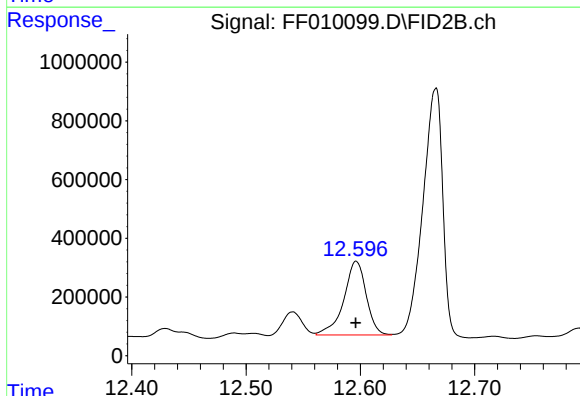
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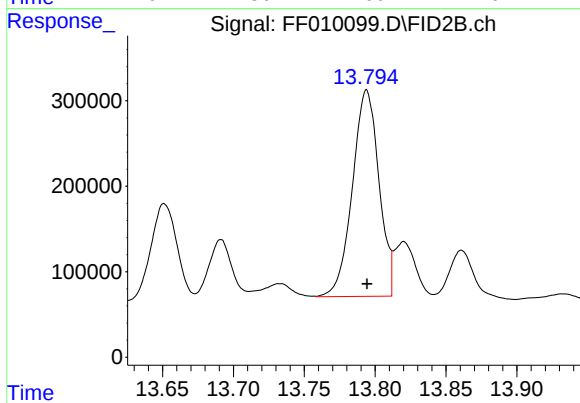
#6 N-OCTADECANE

R.T.: 11.286 min
Delta R.T.: 0.000 min
Response: 2999551
Conc: 16.78 ug/ml



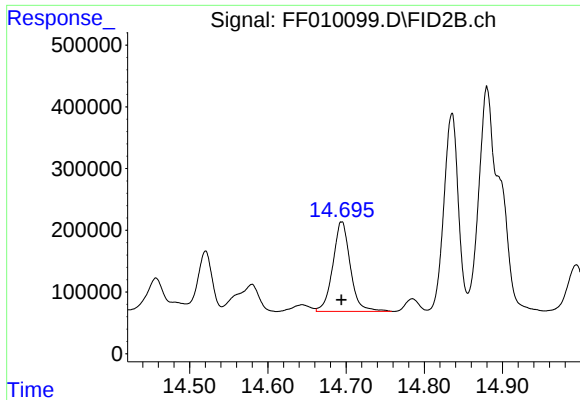
#7 N-EICOSANE

R.T.: 12.596 min
Delta R.T.: 0.000 min
Response: 3430741
Conc: 19.76 ug/ml m



#8 N-DOCOSANE

R.T.: 13.794 min
Delta R.T.: 0.000 min
Response: 3142675
Conc: 18.38 ug/ml m



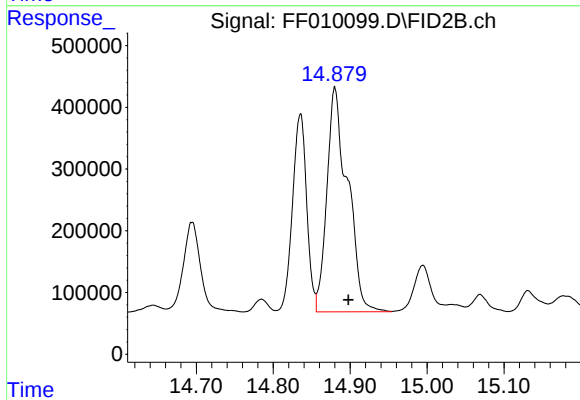
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.695 min
Delta R.T.: 0.000 min
Response: 2254922
Conc: 15.04 ug/ml

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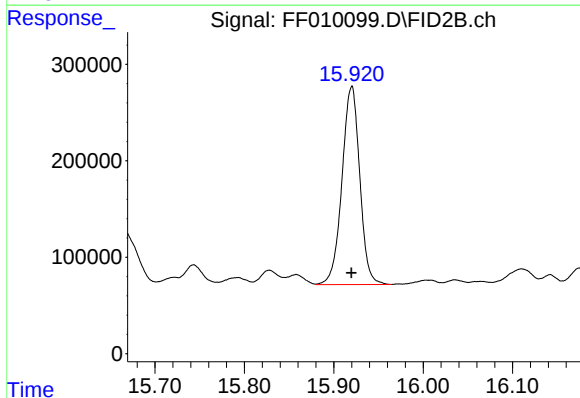
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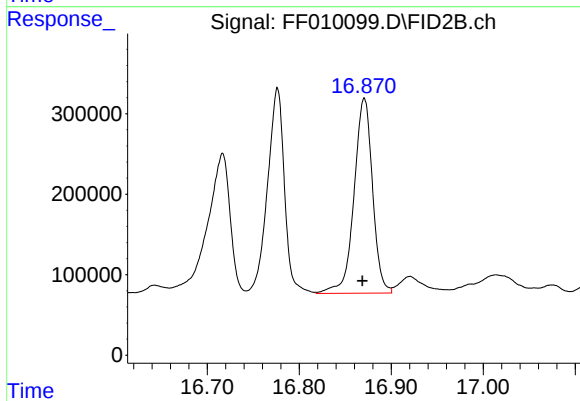
#10 N-TETRACOSANE

R.T.: 14.880 min
Delta R.T.: -0.017 min
Response: 6811832
Conc: 40.33 ug/ml



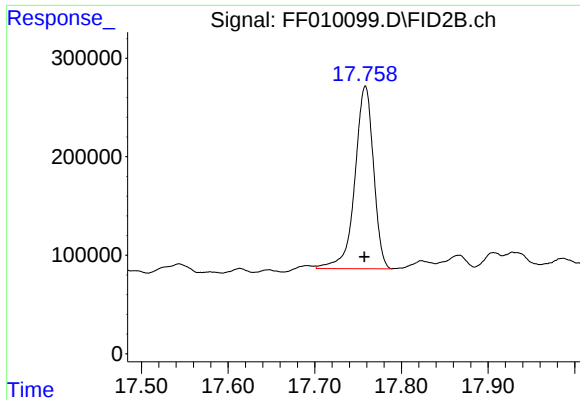
#11 N-HEXACOSANE

R.T.: 15.920 min
Delta R.T.: 0.000 min
Response: 2842095
Conc: 17.21 ug/ml



#12 N-OCTACOSANE

R.T.: 16.871 min
Delta R.T.: 0.002 min
Response: 3383898
Conc: 21.14 ug/ml



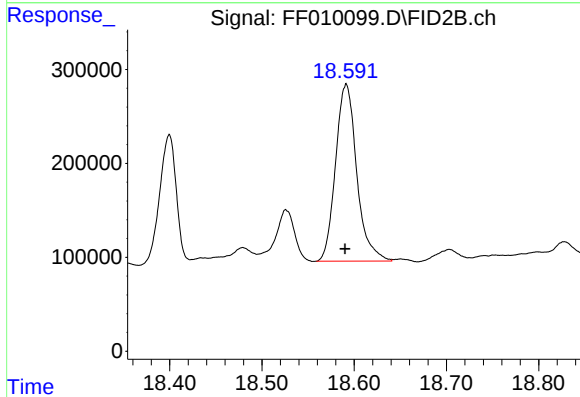
#13 N-TRIACONTANE

R.T.: 17.758 min
Delta R.T.: 0.001 min
Response: 2766799
Conc: 18.01 ug/ml

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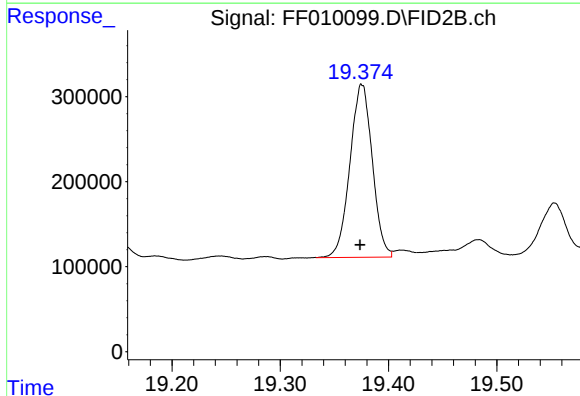
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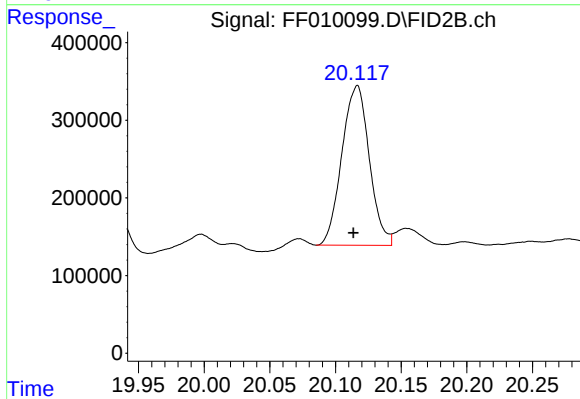
#14 N-DOTRIACONTANE

R.T.: 18.591 min
Delta R.T.: 0.000 min
Response: 3004725
Conc: 20.58 ug/ml m



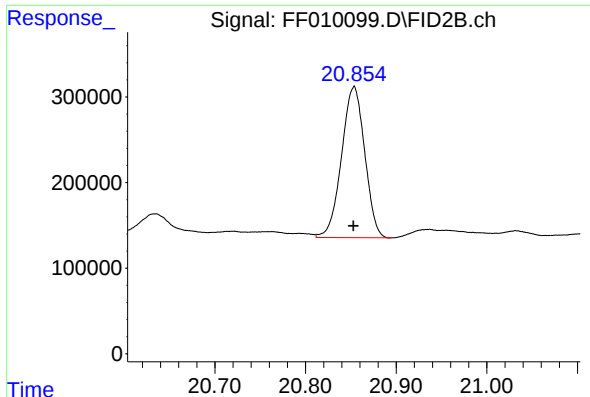
#15 N-TETRATRIACONTANE

R.T.: 19.374 min
Delta R.T.: 0.000 min
Response: 2922835
Conc: 21.34 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.117 min
Delta R.T.: 0.003 min
Response: 2998557
Conc: 24.12 ug/ml m



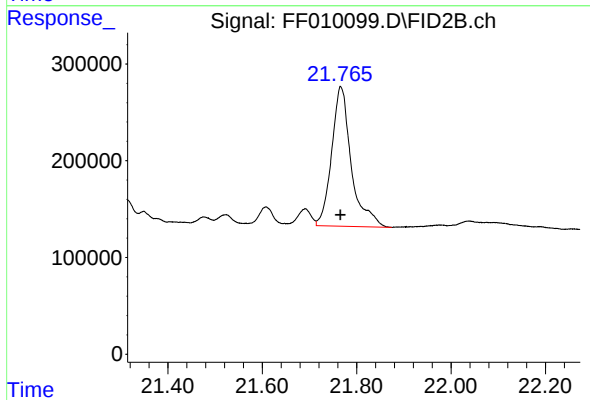
#17 N-OCTATRIACONTANE

R.T.: 20.853 min
Delta R.T.: 0.000 min
Response: 3133742
Conc: 28.14 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.767 min
Delta R.T.: 0.001 min
Response: 4160219
Conc: 40.54 ug/ml