

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF042222\
 Data File : FF010378.D
 Signal(s) : FID2B.ch
 Acq On : 22 Apr 2022 15:54
 Operator : AJ\MA
 Sample : N2447-01MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File: Sample.e
 Quant Time: Apr 22 23:05:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF040122.M
 Quant Title :
 QLast Update : Fri Apr 01 11:58:56 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...	14.612	1558684	13.040 ug/mlm
Target Compounds			
1) N-OCTANE	2.269	1860263	14.195 ug/ml
2) N-DECANE	4.356	2309925	17.375 ug/ml
3) N-DODECANE	6.373	2408258	18.087 ug/ml
4) N-TETRADECANE	8.167	2481714	18.718 ug/ml
5) N-HEXADECANE	9.766	2494741	18.791 ug/ml
6) N-OCTADECANE	11.208	2605970	18.954 ug/ml
7) N-EICOSANE	12.516	2476410	18.432 ug/ml
8) N-DOCOSANE	13.713	2404885	17.974 ug/mlm
10) N-TETRACOSANE	14.816	2345783	17.518 ug/mlm
11) N-HEXACOSANE	15.837	2268536	17.103 ug/mlm
12) N-OCTACOSANE	16.786	2223673	16.777 ug/ml
13) N-TRIACONTANE	17.672	2245952	17.010 ug/ml
14) N-DOTRIACONTANE	18.504	2428919	18.818 ug/ml
15) N-TETRATRIACONTANE	19.286	1802658	15.488 ug/mlm
16) N-HEXATRIACONTANE	20.024	1489215	14.278 ug/ml
17) N-OCTATRIACONTANE	20.745	1401479	15.686 ug/mlm
18) N-TETRACONTANE	21.625	1772882	20.239 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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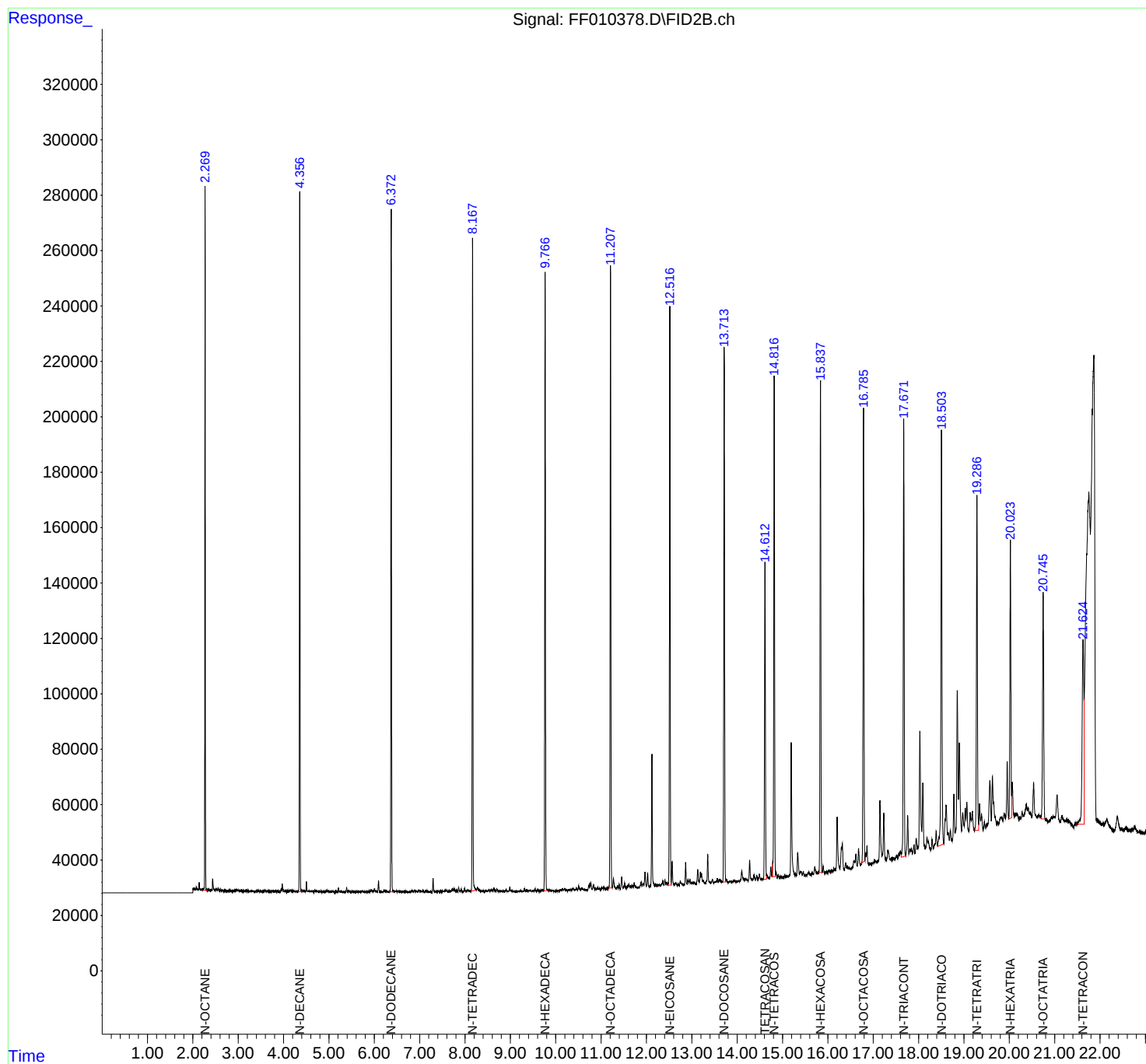
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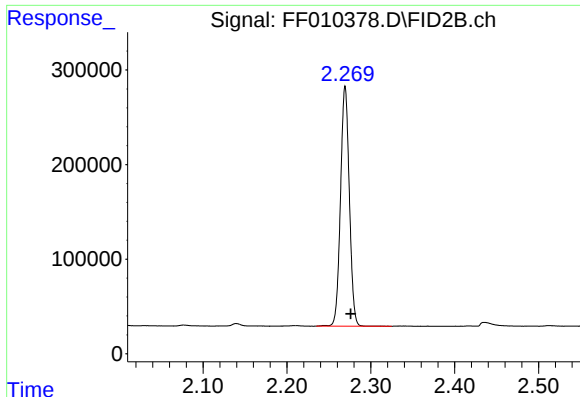
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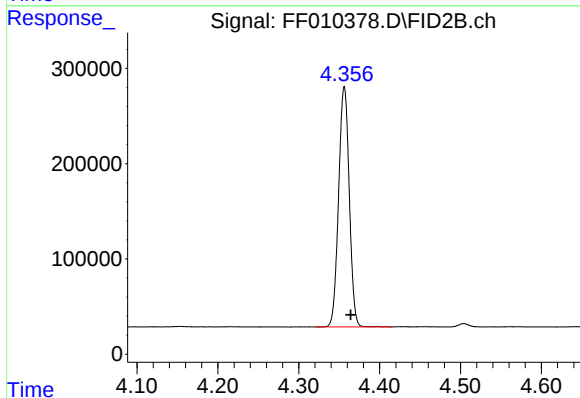
#1 N-OCTANE

R.T.: 2.269 min
Delta R.T.: -0.007 min
Response: 1860263
Conc: 14.20 ug/ml

Instrument :
FID_F
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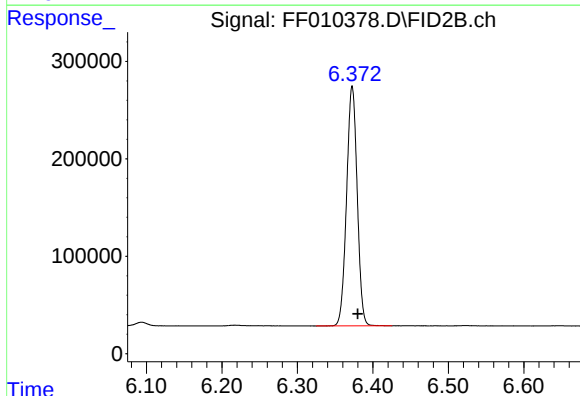
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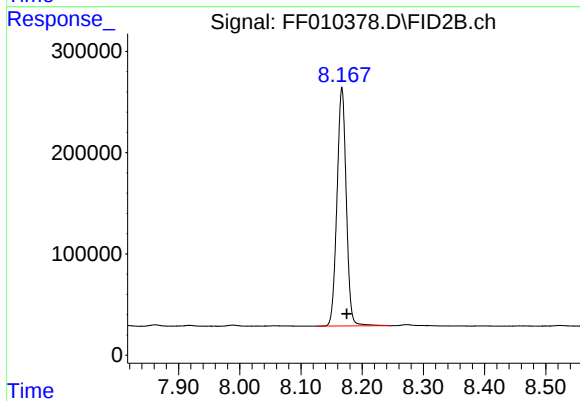
#2 N-DECANE

R.T.: 4.356 min
Delta R.T.: -0.008 min
Response: 2309925
Conc: 17.37 ug/ml



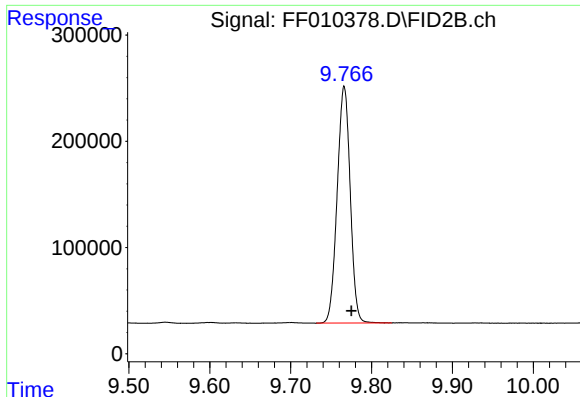
#3 N-DODECANE

R.T.: 6.373 min
Delta R.T.: -0.008 min
Response: 2408258
Conc: 18.09 ug/ml



#4 N-TETRADECANE

R.T.: 8.167 min
Delta R.T.: -0.008 min
Response: 2481714
Conc: 18.72 ug/ml



#5 N-HEXADECANE

R.T.: 9.766 min
Delta R.T.: -0.009 min
Response: 2494741
Conc: 18.79 ug/ml

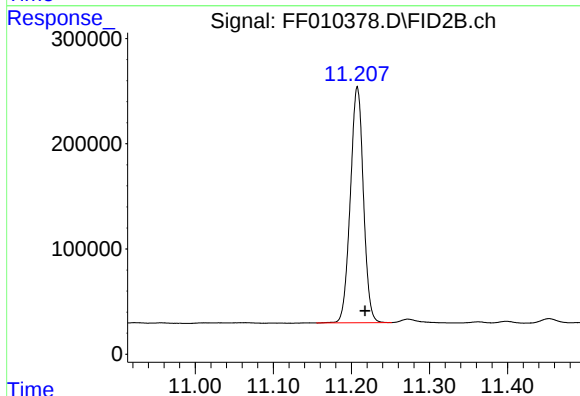
Instrument :

FID_F

ClientSampleId :
WASTEMS

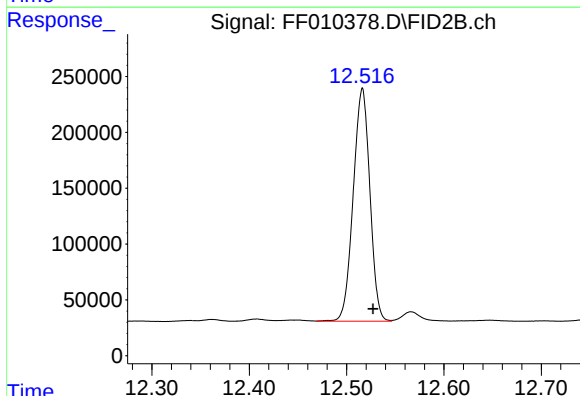
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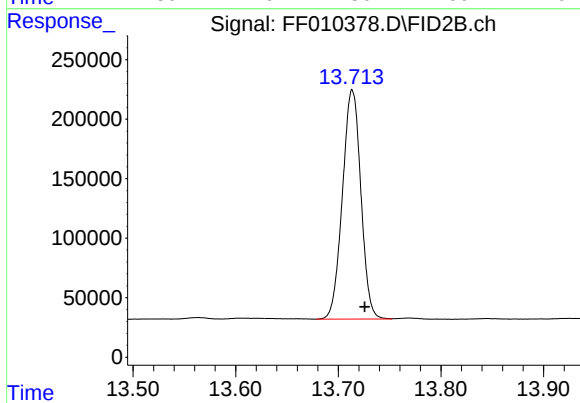
#6 N-OCTADECANE

R.T.: 11.208 min
Delta R.T.: -0.010 min
Response: 2605970
Conc: 18.95 ug/ml



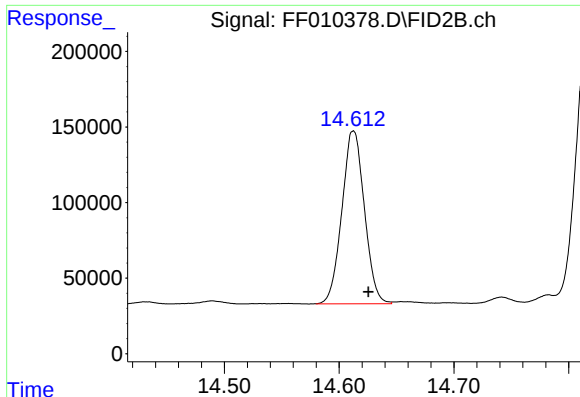
#7 N-EICOSANE

R.T.: 12.516 min
Delta R.T.: -0.011 min
Response: 2476410
Conc: 18.43 ug/ml



#8 N-DOCOSANE

R.T.: 13.713 min
Delta R.T.: -0.013 min
Response: 2404885
Conc: 17.97 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.612 min
Delta R.T.: -0.013 min
Response: 1558684
Conc: 13.04 ug/ml

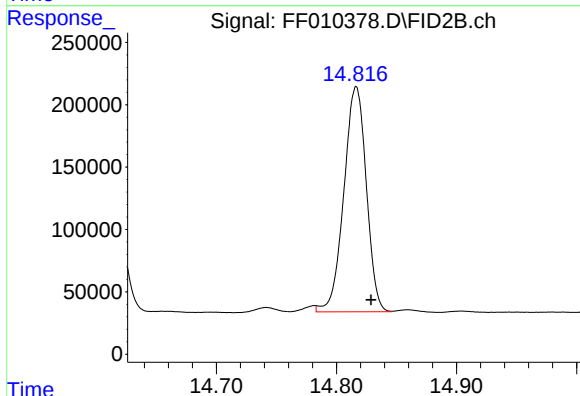
Instrument :

FID_F

ClientSampleId :
WASTEMS

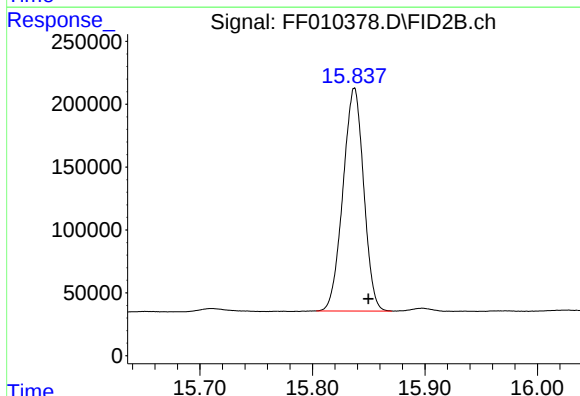
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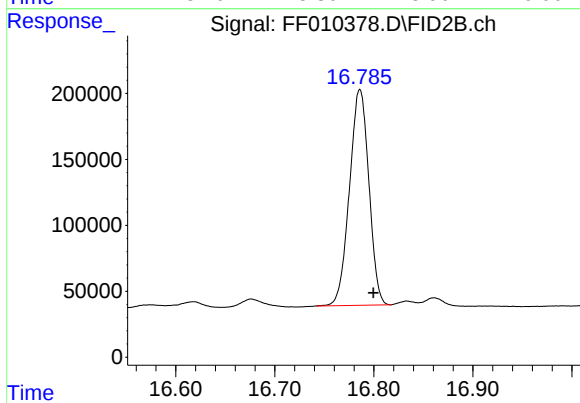
#10 N-TETRACOSANE

R.T.: 14.816 min
Delta R.T.: -0.013 min
Response: 2345783
Conc: 17.52 ug/ml m



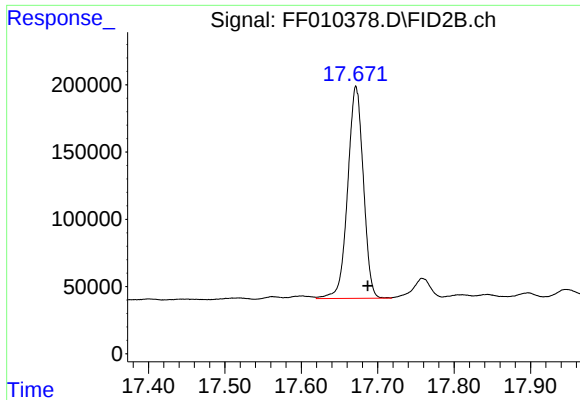
#11 N-HEXACOSANE

R.T.: 15.837 min
Delta R.T.: -0.012 min
Response: 2268536
Conc: 17.10 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.786 min
Delta R.T.: -0.014 min
Response: 2223673
Conc: 16.78 ug/ml



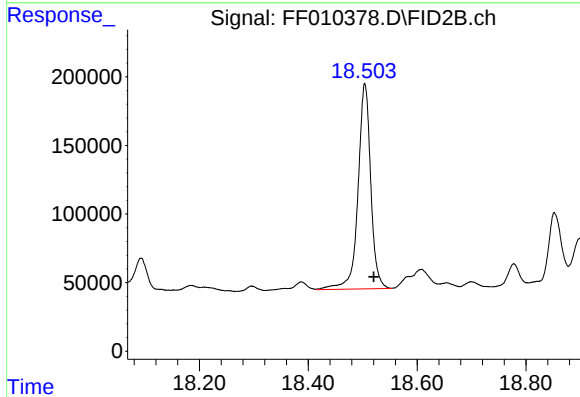
#13 N-TRIACONTANE

R.T.: 17.672 min
Delta R.T.: -0.015 min
Response: 2245952
Conc: 17.01 ug/ml

Instrument :
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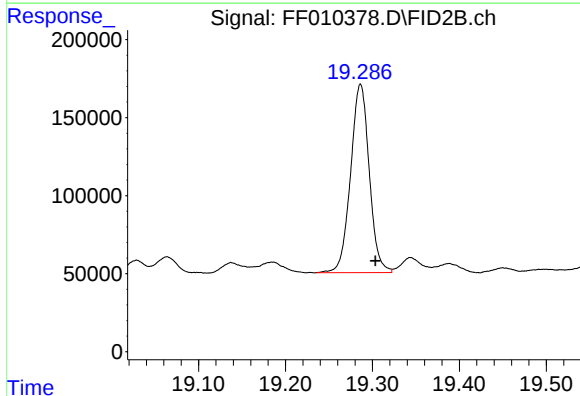
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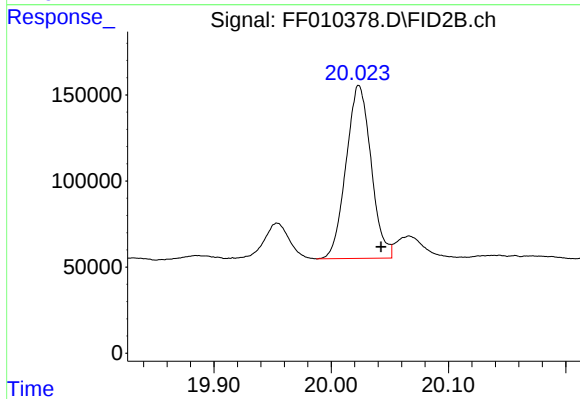
#14 N-DOTRIACONTANE

R.T.: 18.504 min
Delta R.T.: -0.016 min
Response: 2428919
Conc: 18.82 ug/ml



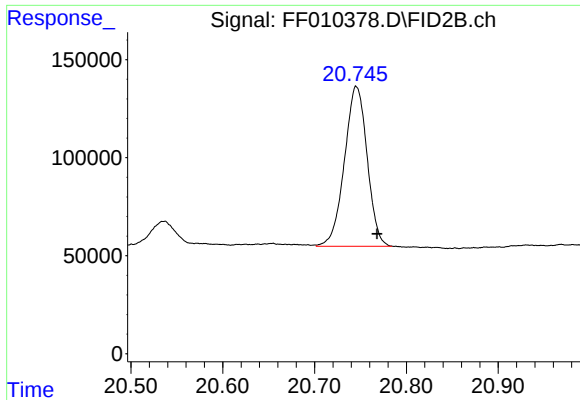
#15 N-TETRATRIACONTANE

R.T.: 19.286 min
Delta R.T.: -0.018 min
Response: 1802658
Conc: 15.49 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.024 min
Delta R.T.: -0.019 min
Response: 1489215
Conc: 14.28 ug/ml



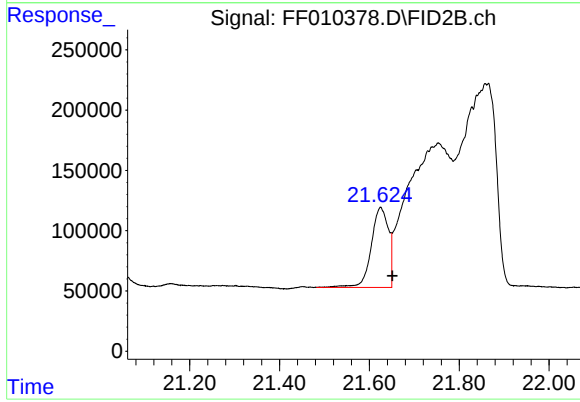
#17 N-OCTATRIACONTANE

R.T.: 20.745 min
Delta R.T.: -0.023 min
Response: 1401479
Conc: 15.69 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.625 min
Delta R.T.: -0.026 min
Response: 1772882
Conc: 20.24 ug/ml