

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012720\
 Data File : FE031238.D
 Signal(s) : FID1B.CH
 Acq On : 27 Jan 2020 18:17
 Operator : DD\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
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 1/29/2020 11:00:17 AM

Integration File: autoint1.e
 Quant Time: Jan 28 09:19:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE010420.M
 Quant Title :
 QLast Update : Mon Jan 06 08:13:00 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	14.651	16817021	50.398 ug/ml
Target Compounds			
1) N-OCTANE	2.316	17999778	46.844 ug/ml
2) N-DECANE	4.366	20329023	54.105 ug/ml
3) N-DODECANE	6.380	20933381	59.313 ug/ml
4) N-TETRADECANE	8.180	20758803	54.290 ug/ml
5) N-HEXADECANE	9.786	20654358	53.351 ug/ml
6) N-OCTADECANE	11.232	20170015	52.427 ug/ml
7) N-EICOSANE	12.547	20002649	51.411 ug/ml
8) N-DOCOSANE	13.750	19716512	51.054 ug/ml
10) N-TETRACOSANE	14.858	19542173	50.951 ug/ml
11) N-HEXACOSANE	15.882	18947817	49.538 ug/ml
12) N-OCTACOSANE	16.836	18583428	48.341 ug/ml
13) N-TRIACONTANE	17.726	18492348	48.237 ug/ml
14) N-DOTRIACONTANE	18.561	16797546	46.443 ug/ml
15) N-TETRATRIACONTANE	19.347	14861293	44.568 ug/ml
16) N-HEXATRIACONTANE	20.087	12745377	43.081 ug/ml
17) N-OCTATRIACONTANE	20.825	10606753	40.905 ug/ml
18) N-TETRACONTANE	21.732	9874764	39.789 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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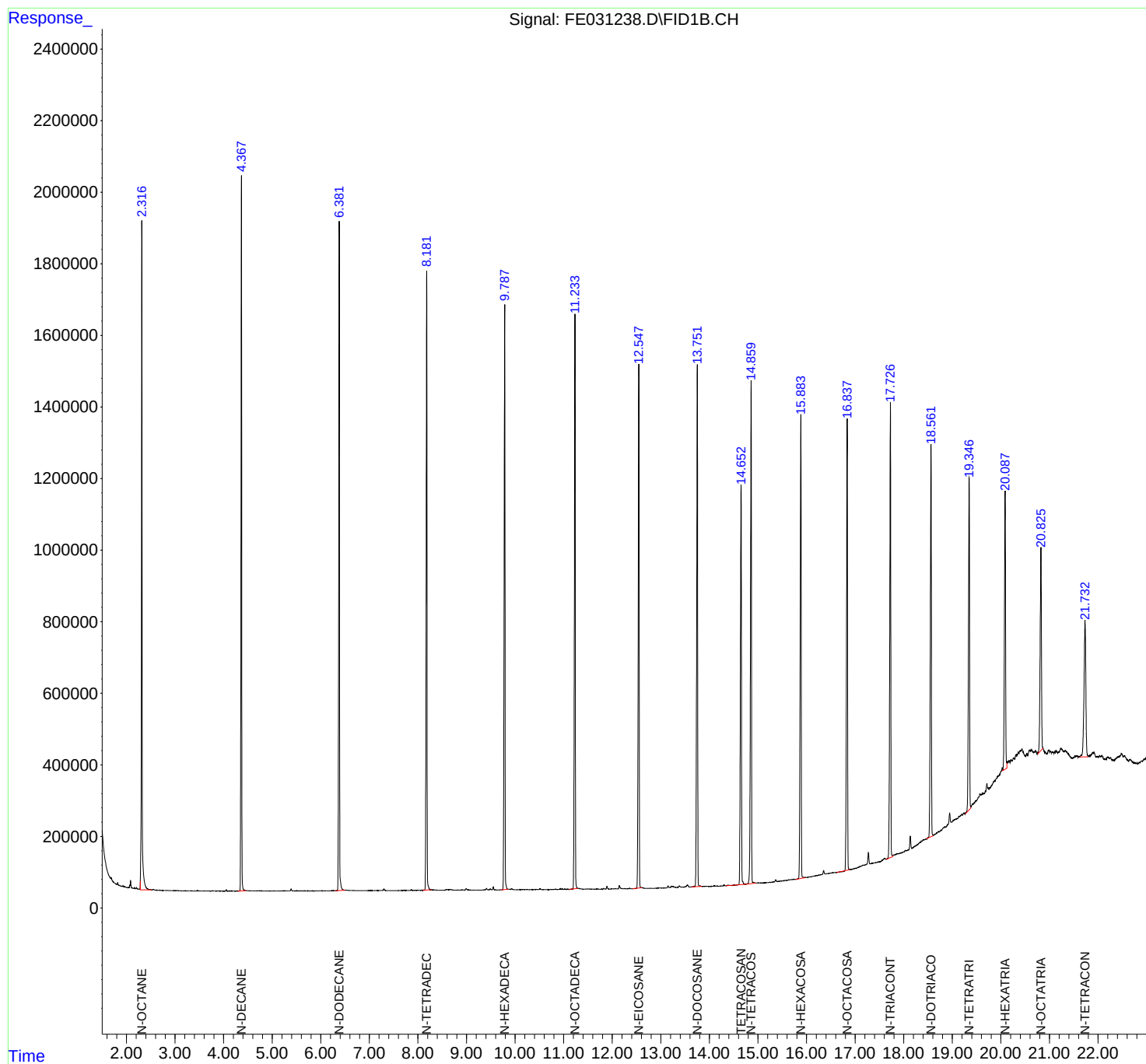
Instrument :
FID_E
ClientSampled :
50 PPM TRPH STD

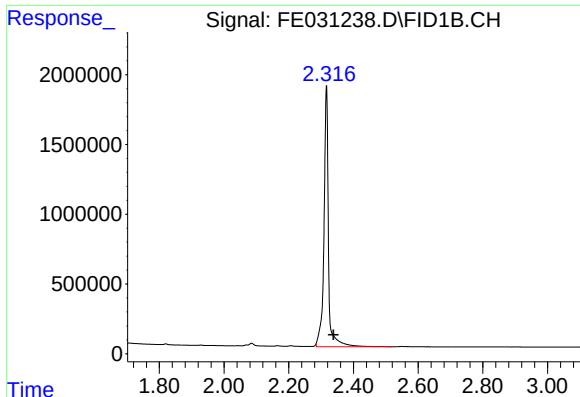
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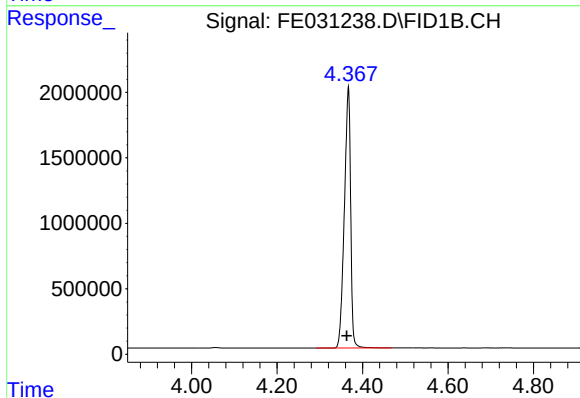
#1 N-OCTANE

R.T.: 2.316 min
Delta R.T.: -0.022 min
Response: 17999778
Conc: 46.84 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

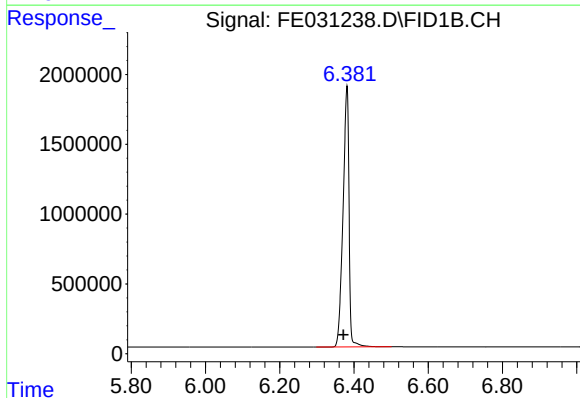
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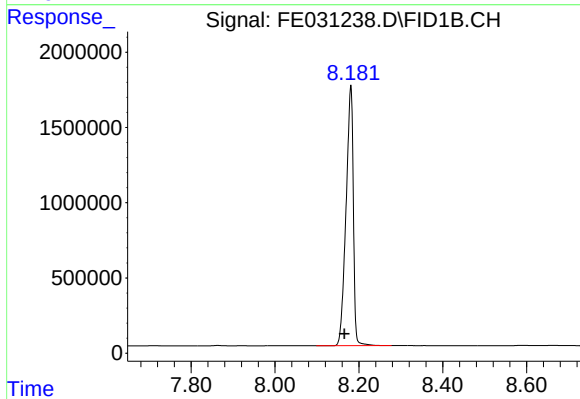
#2 N-DECANE

R.T.: 4.366 min
Delta R.T.: 0.003 min
Response: 20329023
Conc: 54.10 ug/ml



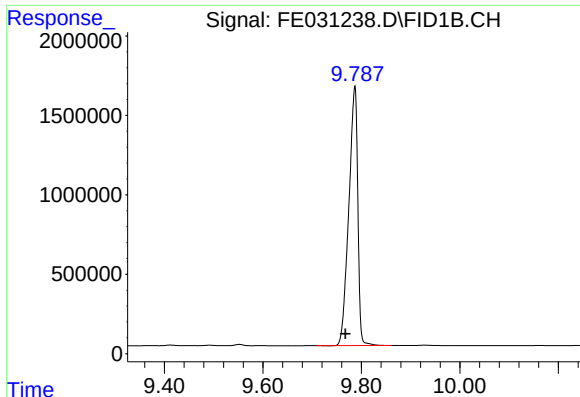
#3 N-DODECANE

R.T.: 6.380 min
Delta R.T.: 0.009 min
Response: 20933381
Conc: 59.31 ug/ml



#4 N-TETRADECANE

R.T.: 8.180 min
Delta R.T.: 0.015 min
Response: 20758803
Conc: 54.29 ug/ml



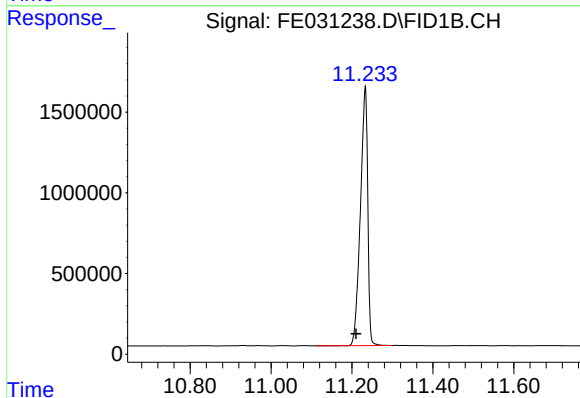
#5 N-HEXADECANE

R.T.: 9.786 min
Delta R.T.: 0.018 min
Response: 20654358
Conc: 53.35 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

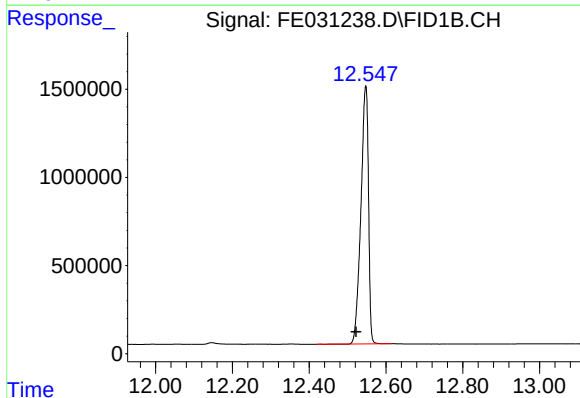
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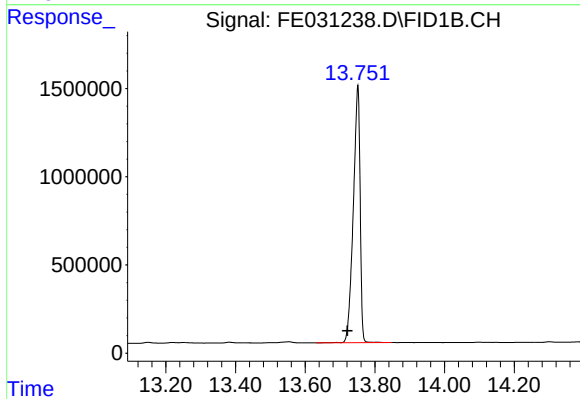
#6 N-OCTADECANE

R.T.: 11.232 min
Delta R.T.: 0.022 min
Response: 20170015
Conc: 52.43 ug/ml



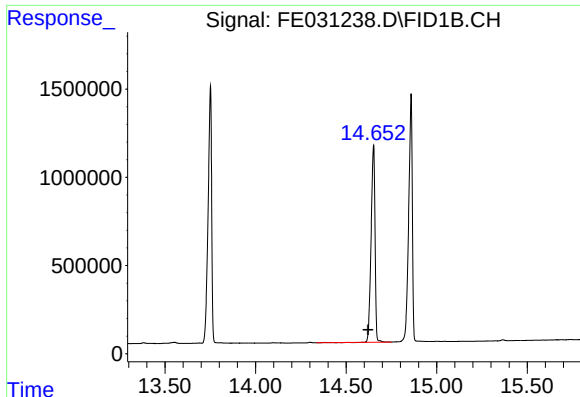
#7 N-EICOSANE

R.T.: 12.547 min
Delta R.T.: 0.025 min
Response: 20002649
Conc: 51.41 ug/ml



#8 N-DOCOSANE

R.T.: 13.750 min
Delta R.T.: 0.029 min
Response: 19716512
Conc: 51.05 ug/ml



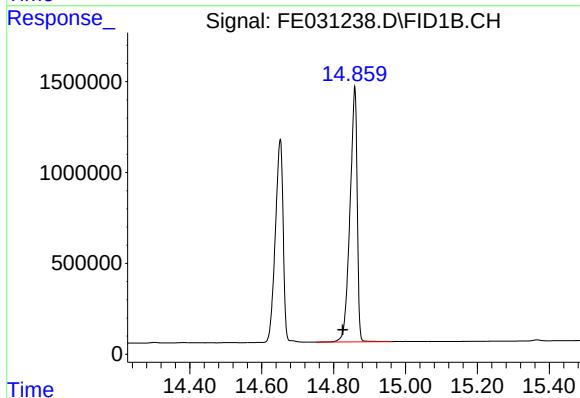
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.651 min
Delta R.T.: 0.030 min
Response: 16817021
Conc: 50.40 ug/ml

Instrument :
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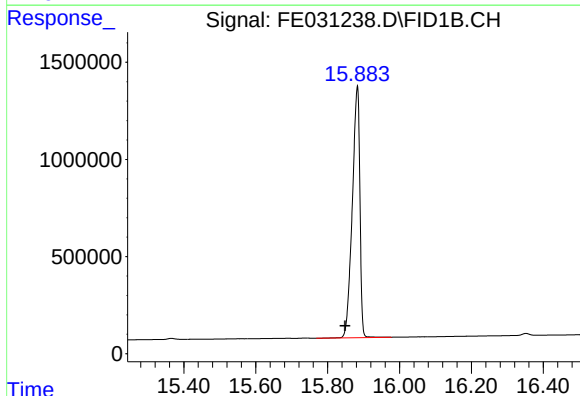
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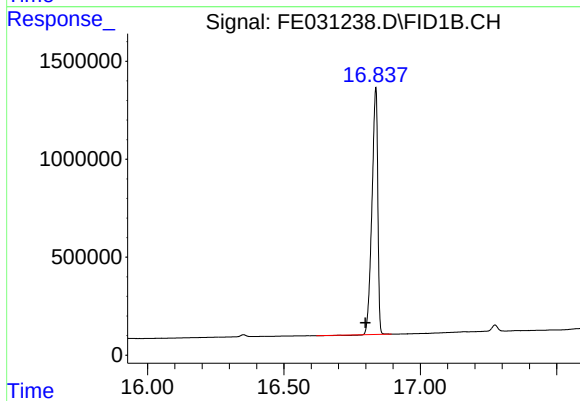
#10 N-TETRACOSANE

R.T.: 14.858 min
Delta R.T.: 0.033 min
Response: 19542173
Conc: 50.95 ug/ml



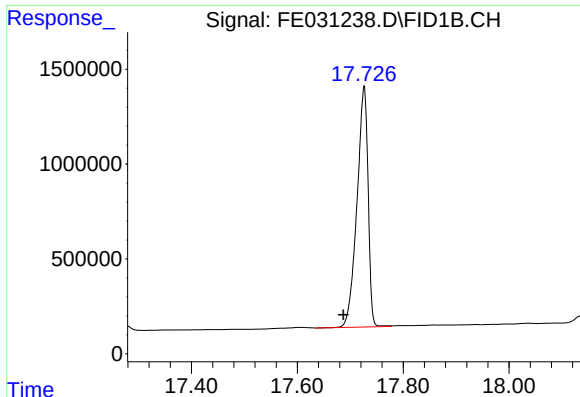
#11 N-HEXACOSANE

R.T.: 15.882 min
Delta R.T.: 0.034 min
Response: 18947817
Conc: 49.54 ug/ml



#12 N-OCTACOSANE

R.T.: 16.836 min
Delta R.T.: 0.037 min
Response: 18583428
Conc: 48.34 ug/ml



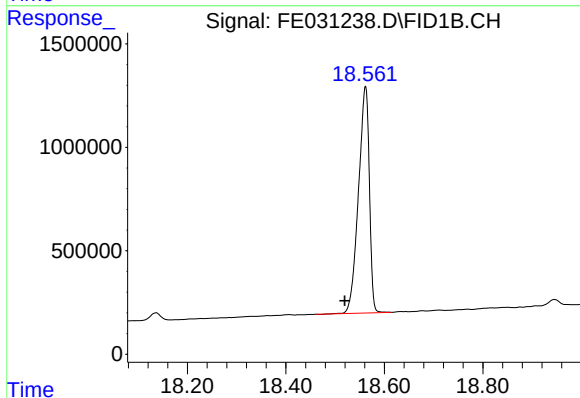
#13 N-TRIACONTANE

R.T.: 17.726 min
Delta R.T.: 0.039 min
Response: 18492348
Conc: 48.24 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

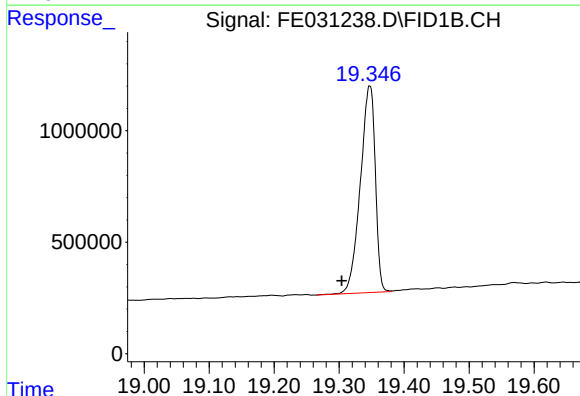
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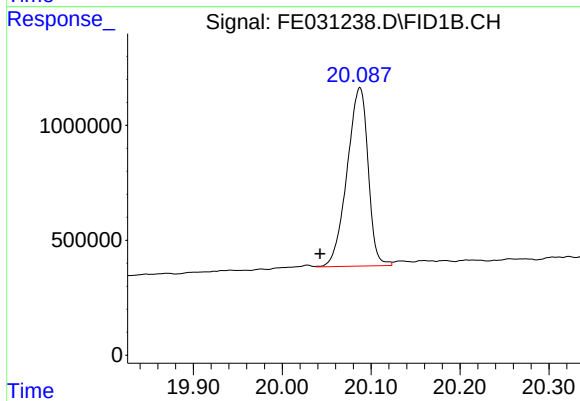
#14 N-DOTRIACONTANE

R.T.: 18.561 min
Delta R.T.: 0.042 min
Response: 16797546
Conc: 46.44 ug/ml



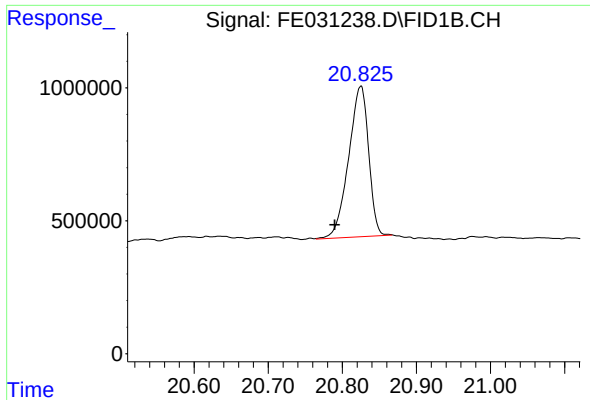
#15 N-TETRATRIACONTANE

R.T.: 19.347 min
Delta R.T.: 0.043 min
Response: 14861293
Conc: 44.57 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.087 min
Delta R.T.: 0.045 min
Response: 12745377
Conc: 43.08 ug/ml



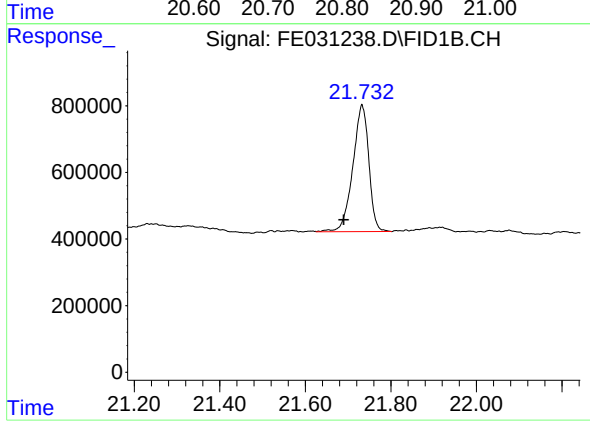
#17 N-OCTATRIACONTANE

R.T.: 20.825 min
Delta R.T.: 0.035 min
Response: 10606753
Conc: 40.91 ug/ml m

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#18 N-TETRACONTANE

R.T.: 21.732 min
Delta R.T.: 0.042 min
Response: 9874764
Conc: 39.79 ug/ml