

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031022\
 Data File : FE035283.D
 Signal(s) : FID1B.CH
 Acq On : 10 Mar 2022 9:57
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/11/2022
 Supervised By :Ankita Jodhani 03/11/2022

Integration File: autoint1.e
 Quant Time: Mar 10 16:05:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE030922.M
 Quant Title :
 QLast Update : Wed Mar 09 13:31:22 2022
 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...	14.474	4222105	47.152 ug/ml
Target Compounds			
1) N-OCTANE	2.188	5500465	47.765 ug/ml
2) N-DECANE	4.249	5554370	49.183 ug/ml
3) N-DODECANE	6.261	5396176	48.758 ug/ml
4) N-TETRADECANE	8.050	5522976	48.254 ug/ml
5) N-HEXADECANE	9.644	5419796	47.893 ug/ml
6) N-OCTADECANE	11.081	5385655	47.475 ug/ml
7) N-EICOSANE	12.386	5099087	47.231 ug/ml
8) N-DOCOSANE	13.579	4905564	46.923 ug/ml
10) N-TETRACOSANE	14.678	4741974	46.869 ug/ml
11) N-HEXACOSANE	15.694	4607069	47.252 ug/ml
12) N-OCTACOSANE	16.641	4504063	47.999 ug/ml
13) N-TRIACONTANE	17.525	4457901	49.216 ug/ml
14) N-DOTRIACONTANE	18.354	4307310	49.006 ug/mlm
15) N-TETRATRIACONTANE	19.136	4102669	47.876 ug/mlm
16) N-HEXATRIACONTANE	19.872	3804539	48.143 ug/mlm
17) N-OCTATRIACONTANE	20.575	3113332	43.797 ug/mlm
18) N-TETRACONTANE	21.404	2636839	38.345 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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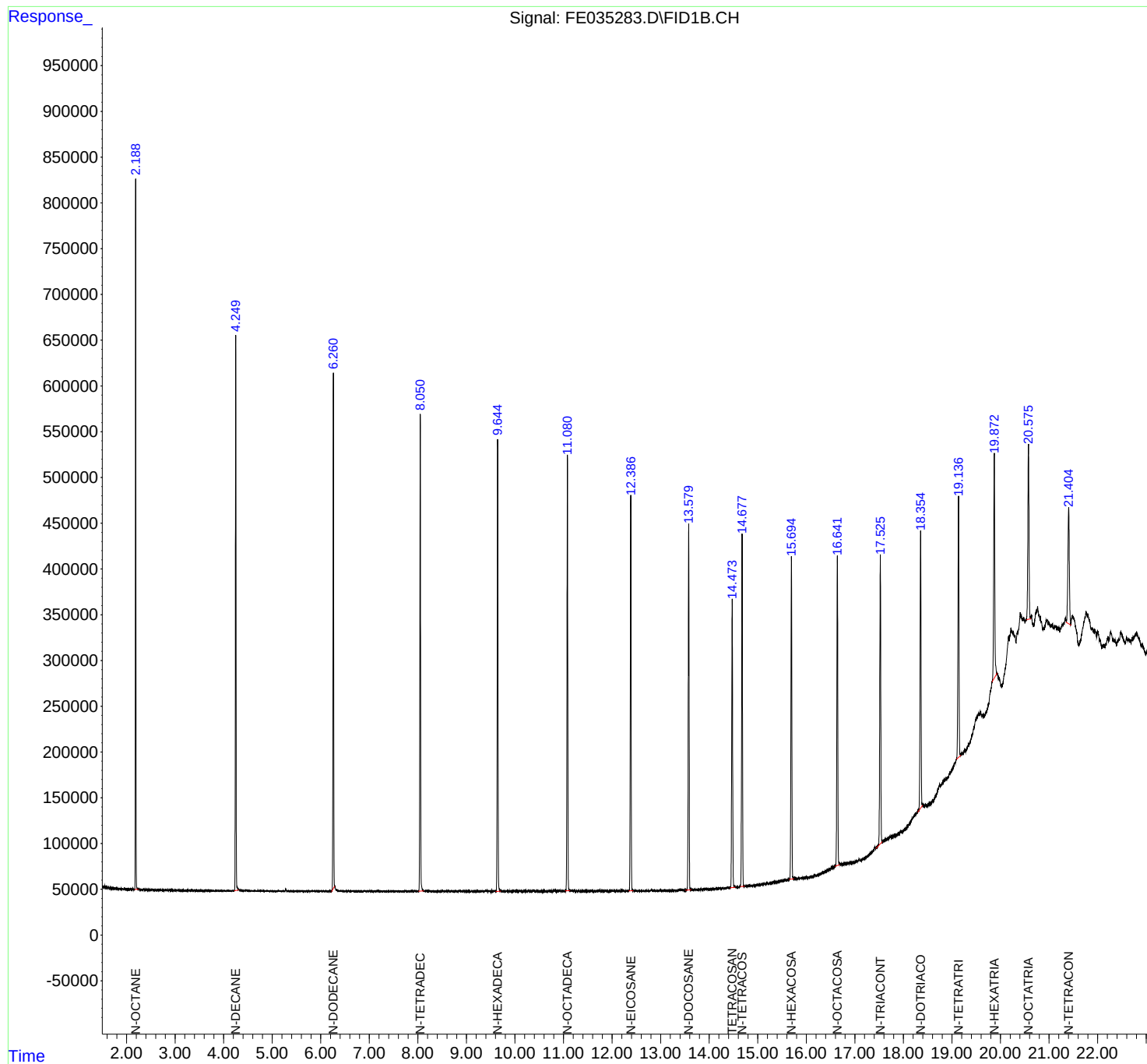
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50 PPM TRPH STD

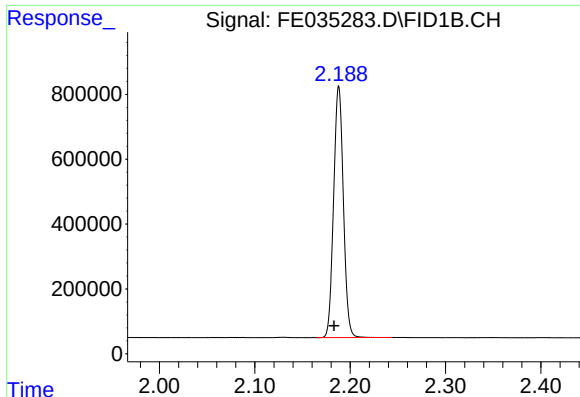
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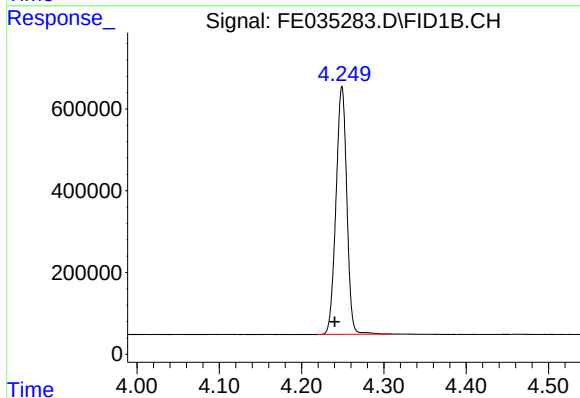
#1 N-OCTANE

R.T.: 2.188 min
Delta R.T.: 0.005 min
Response: 5500465
Conc: 47.76 ug/ml

Instrument :
FID_E
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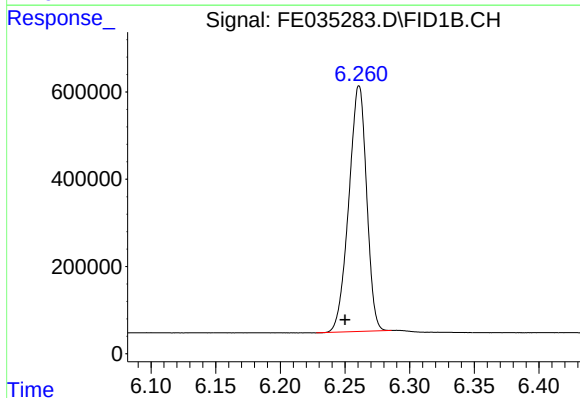
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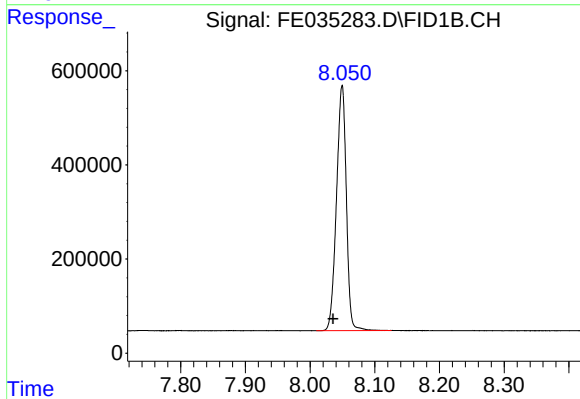
#2 N-DECANE

R.T.: 4.249 min
Delta R.T.: 0.009 min
Response: 5554370
Conc: 49.18 ug/ml



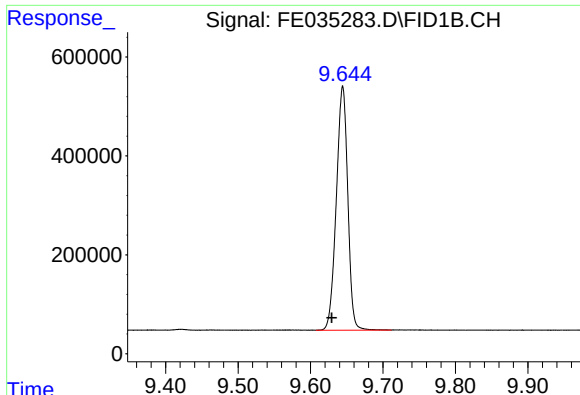
#3 N-DODECANE

R.T.: 6.261 min
Delta R.T.: 0.011 min
Response: 5396176
Conc: 48.76 ug/ml



#4 N-TETRADECANE

R.T.: 8.050 min
Delta R.T.: 0.014 min
Response: 5522976
Conc: 48.25 ug/ml



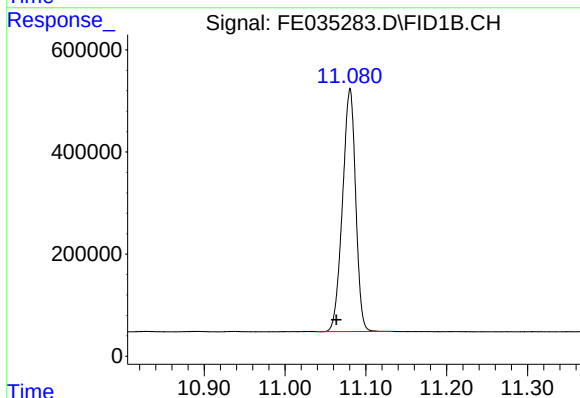
#5 N-HEXADECANE

R.T.: 9.644 min
Delta R.T.: 0.015 min
Response: 5419796
Conc: 47.89 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

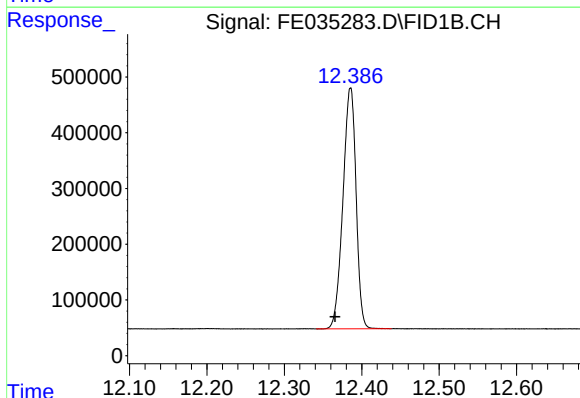
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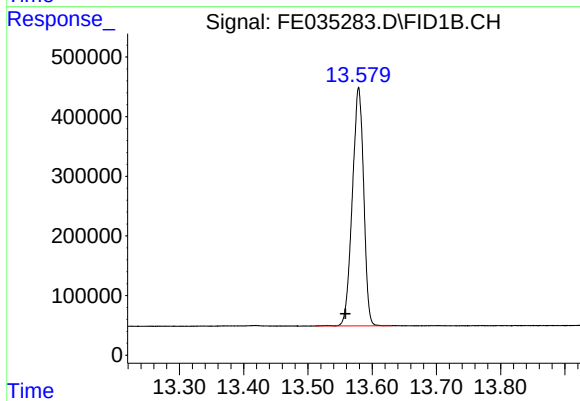
#6 N-OCTADECANE

R.T.: 11.081 min
Delta R.T.: 0.017 min
Response: 5385655
Conc: 47.47 ug/ml



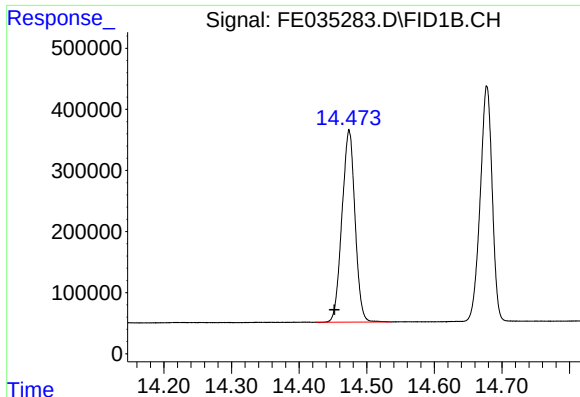
#7 N-EICOSANE

R.T.: 12.386 min
Delta R.T.: 0.020 min
Response: 5099087
Conc: 47.23 ug/ml



#8 N-DOCOSANE

R.T.: 13.579 min
Delta R.T.: 0.021 min
Response: 4905564
Conc: 46.92 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.474 min
Delta R.T.: 0.022 min
Response: 4222105
Conc: 47.15 ug/ml

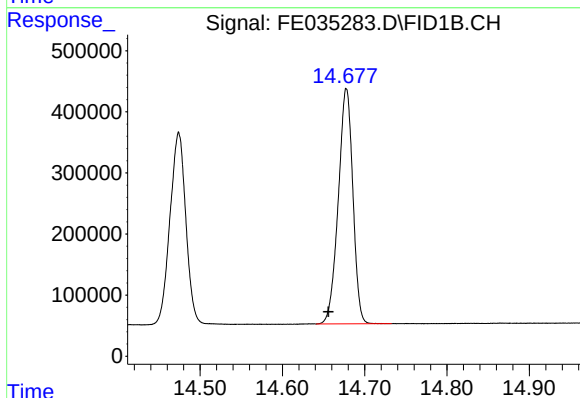
Instrument :

FID_E

ClientSampleId :
50 PPM TRPH STD

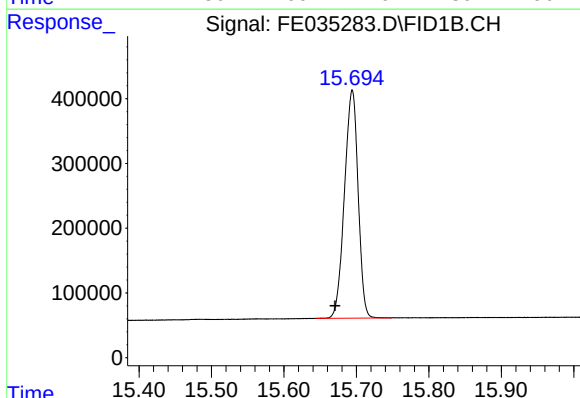
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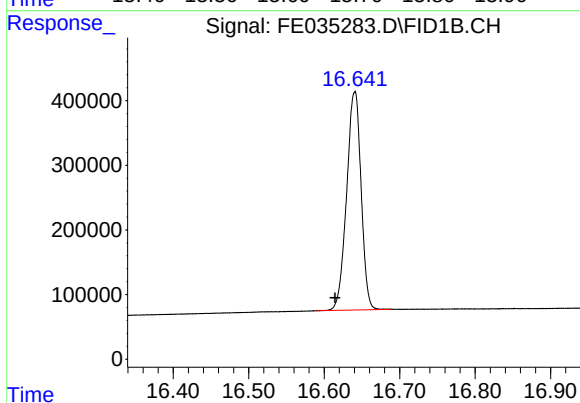
#10 N-TETRACOSANE

R.T.: 14.678 min
Delta R.T.: 0.022 min
Response: 4741974
Conc: 46.87 ug/ml



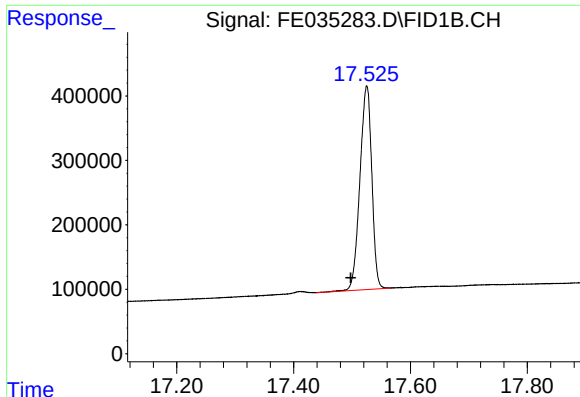
#11 N-HEXACOSANE

R.T.: 15.694 min
Delta R.T.: 0.024 min
Response: 4607069
Conc: 47.25 ug/ml



#12 N-OCTACOSANE

R.T.: 16.641 min
Delta R.T.: 0.026 min
Response: 4504063
Conc: 48.00 ug/ml



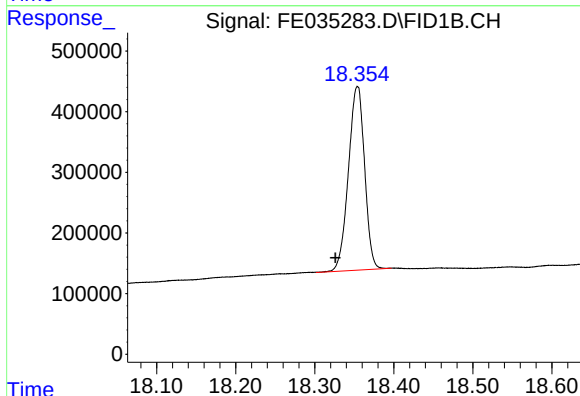
#13 N-TRIACONTANE

R.T.: 17.525 min
Delta R.T.: 0.028 min
Response: 4457901
Conc: 49.22 ug/ml

Instrument :
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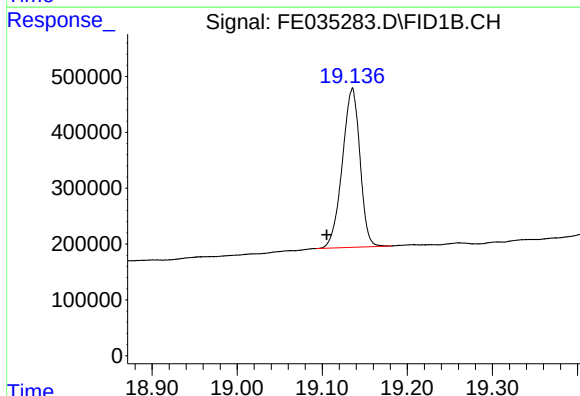
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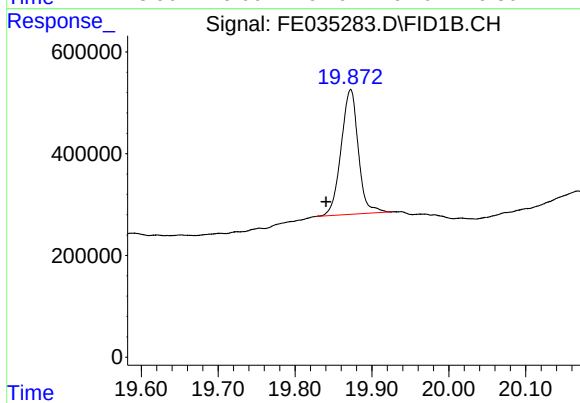
#14 N-DOTRIACONTANE

R.T.: 18.354 min
Delta R.T.: 0.028 min
Response: 4307310
Conc: 49.01 ug/ml m



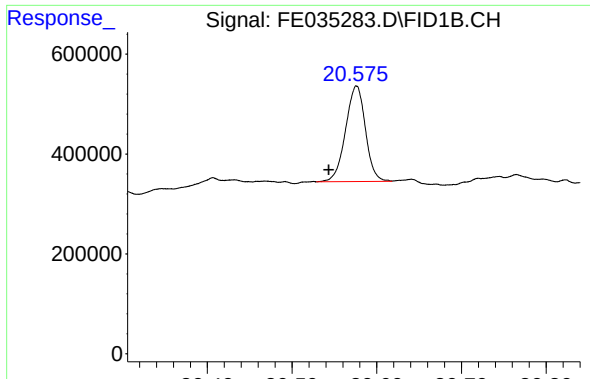
#15 N-TETRATRIACONTANE

R.T.: 19.136 min
Delta R.T.: 0.030 min
Response: 4102669
Conc: 47.88 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.872 min
Delta R.T.: 0.031 min
Response: 3804539
Conc: 48.14 ug/ml m



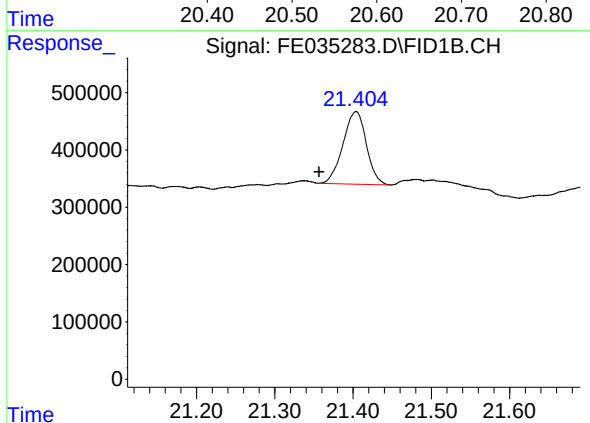
#17 N-OCTATRIACONTANE

R.T.: 20.575 min
Delta R.T.: 0.032 min
Response: 3113332
Conc: 43.80 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.404 min
Delta R.T.: 0.047 min
Response: 2636839
Conc: 38.35 ug/ml m