

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051822\
 Data File : FE035725.D
 Signal(s) : FID1B.CH
 Acq On : 18 May 2022 18:49
 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 05/19/2022
 Supervised By :mohammad ahmed 05/19/2022

Integration File: Sample.e
 Quant Time: May 19 00:38:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE051322.M
 Quant Title :
 QLast Update : Fri May 13 15:02:22 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...	14.046	5844842	52.058 ug/mlm
Target Compounds			
1) N-OCTANE	1.895	6548481	52.376 ug/ml
2) N-DECANE	3.825	7055996	55.470 ug/ml
3) N-DODECANE	5.819	7057113	55.187 ug/ml
4) N-TETRADECANE	7.609	7110595	55.074 ug/ml
5) N-HEXADECANE	9.207	7087215	54.846 ug/ml
6) N-OCTADECANE	10.647	7107916	54.500 ug/ml
7) N-EICOSANE	11.953	6894245	53.715 ug/ml
8) N-DOCOSANE	13.149	6761848	52.836 ug/ml
10) N-TETRACOSANE	14.250	6581167	51.928 ug/ml
11) N-HEXACOSANE	15.269	6434968	51.185 ug/ml
12) N-OCTACOSANE	16.216	6308819	51.071 ug/ml
13) N-TRIACONTANE	17.102	6270638	51.770 ug/ml
14) N-DOTRIACONTANE	17.934	5935447	52.667 ug/ml
15) N-TETRATRIACONTANE	18.716	5391711	54.500 ug/mlm
16) N-HEXATRIACONTANE	19.454	4519025	56.796 ug/mlm
17) N-OCTATRIACONTANE	20.191	4026241	60.232 ug/mlm
18) N-TETRACONTANE	21.112	4142673	63.845 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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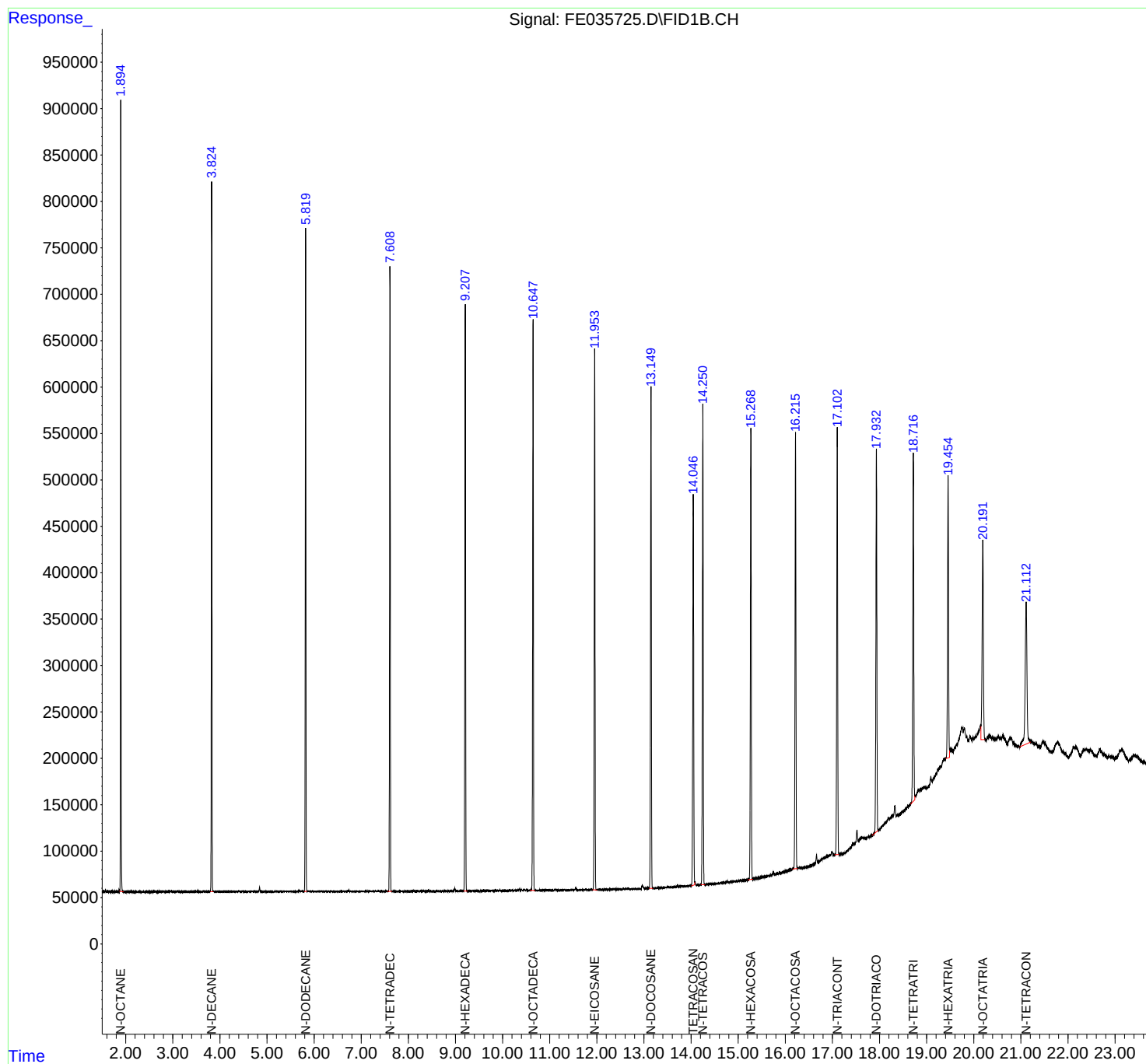
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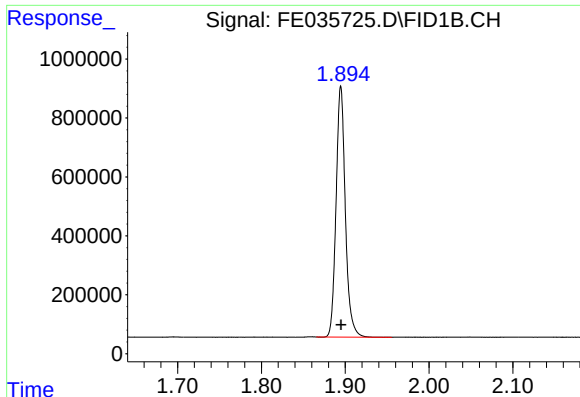
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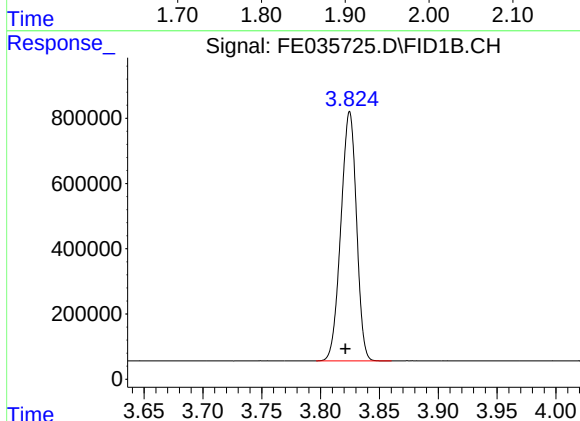
#1 N-OCTANE

R.T.: 1.895 min
Delta R.T.: 0.000 min
Response: 6548481
Conc: 52.38 ug/ml

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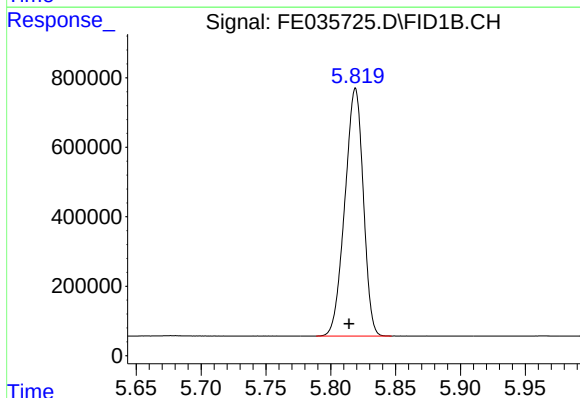
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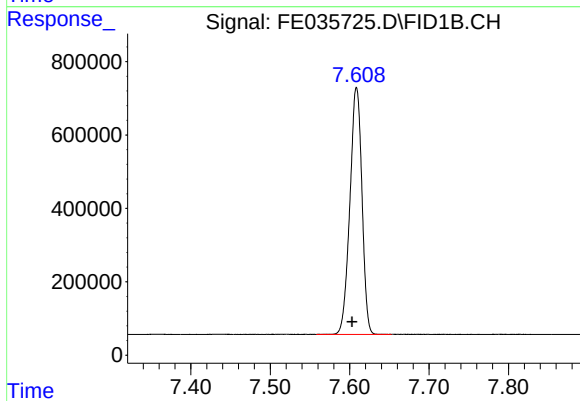
#2 N-DECANE

R.T.: 3.825 min
Delta R.T.: 0.004 min
Response: 7055996
Conc: 55.47 ug/ml



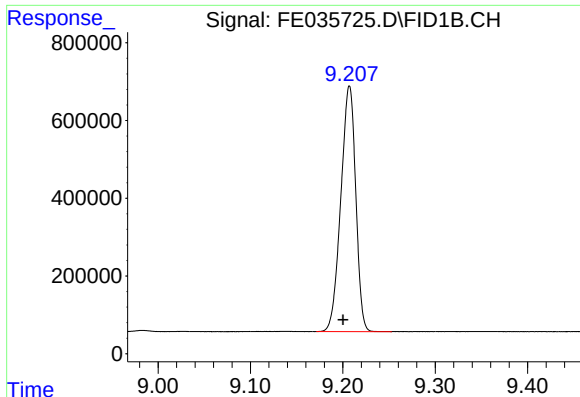
#3 N-DODECANE

R.T.: 5.819 min
Delta R.T.: 0.005 min
Response: 7057113
Conc: 55.19 ug/ml



#4 N-TETRADECANE

R.T.: 7.609 min
Delta R.T.: 0.006 min
Response: 7110595
Conc: 55.07 ug/ml



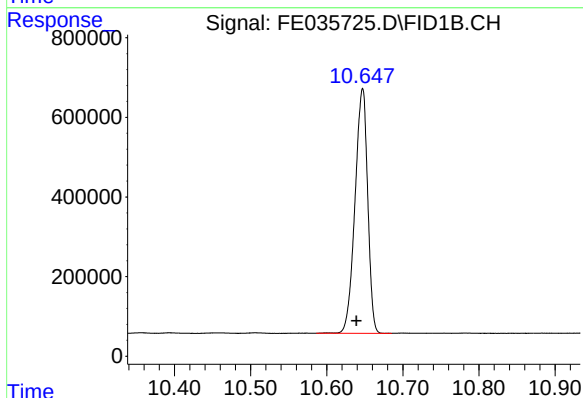
#5 N-HEXADECANE

R.T.: 9.207 min
Delta R.T.: 0.007 min
Response: 7087215
Conc: 54.85 ug/ml

Instrument :
FID_E
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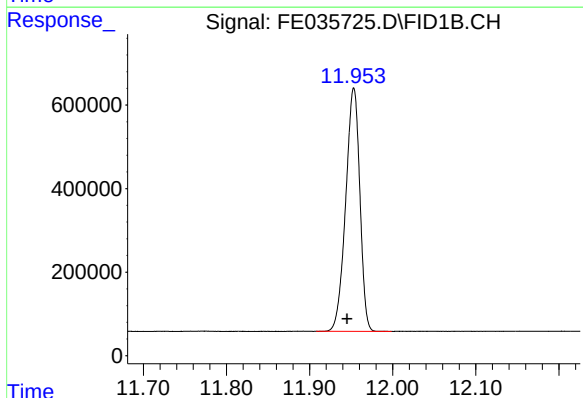
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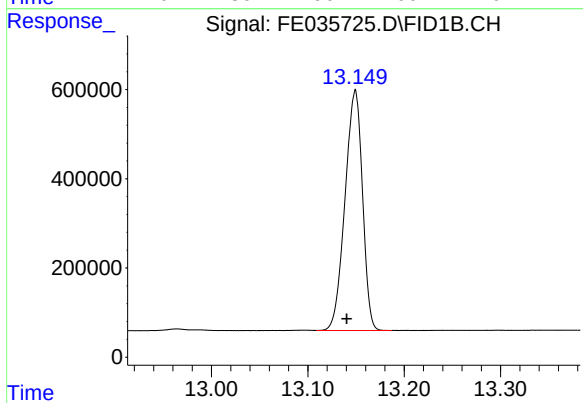
#6 N-OCTADECANE

R.T.: 10.647 min
Delta R.T.: 0.008 min
Response: 7107916
Conc: 54.50 ug/ml



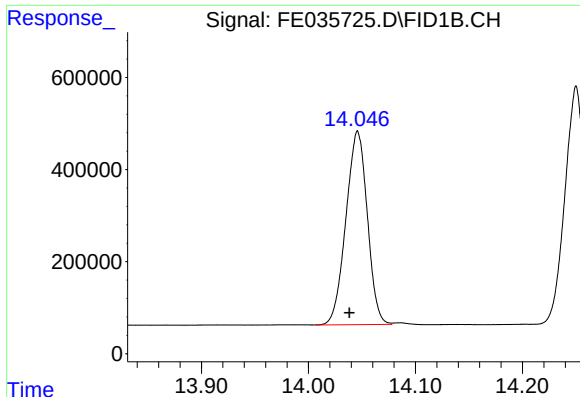
#7 N-EICOSANE

R.T.: 11.953 min
Delta R.T.: 0.008 min
Response: 6894245
Conc: 53.71 ug/ml



#8 N-DOCOSANE

R.T.: 13.149 min
Delta R.T.: 0.009 min
Response: 6761848
Conc: 52.84 ug/ml



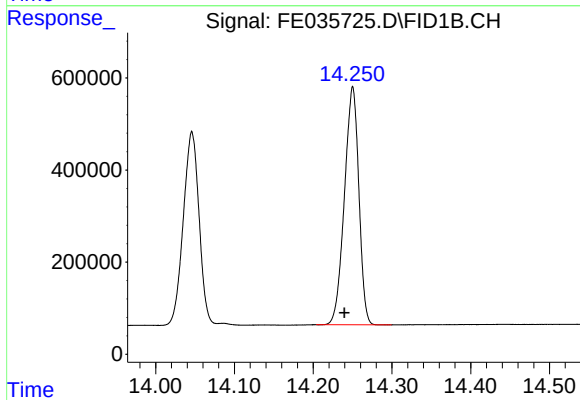
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.046 min
Delta R.T.: 0.007 min
Response: 5844842
Conc: 52.06 ug/ml

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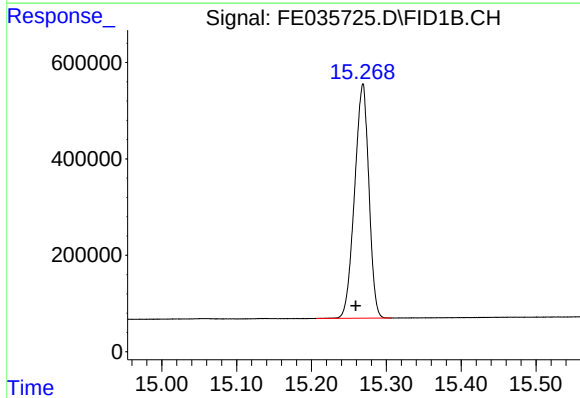
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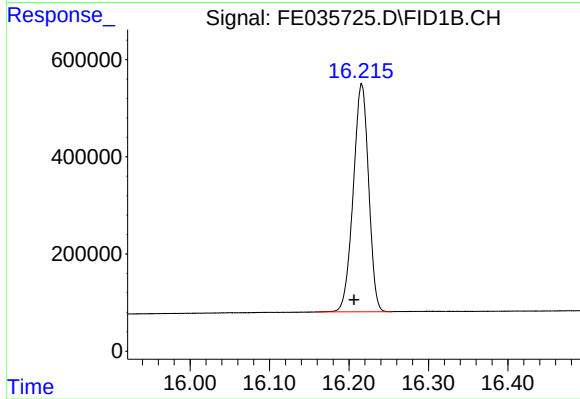
#10 N-TETRACOSANE

R.T.: 14.250 min
Delta R.T.: 0.011 min
Response: 6581167
Conc: 51.93 ug/ml



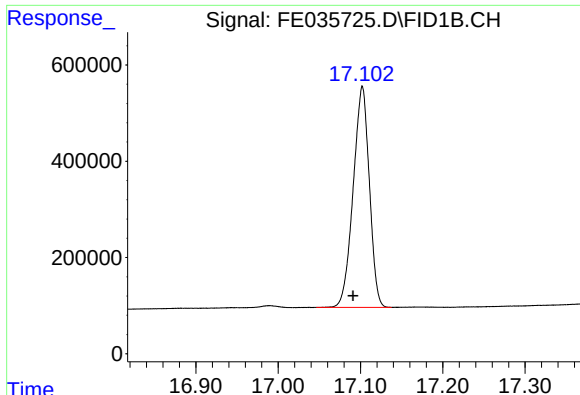
#11 N-HEXACOSANE

R.T.: 15.269 min
Delta R.T.: 0.010 min
Response: 6434968
Conc: 51.18 ug/ml



#12 N-OCTACOSANE

R.T.: 16.216 min
Delta R.T.: 0.010 min
Response: 6308819
Conc: 51.07 ug/ml



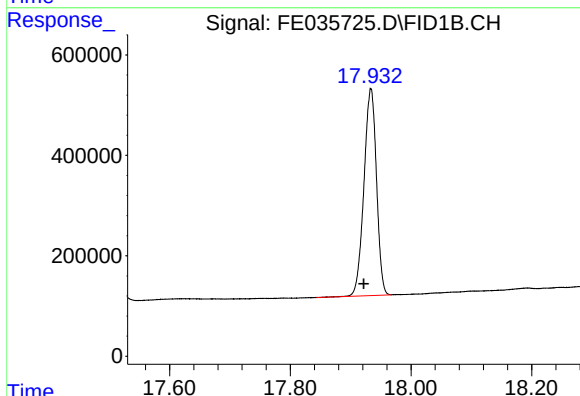
#13 N-TRIACONTANE

R.T.: 17.102 min
Delta R.T.: 0.011 min
Response: 6270638
Conc: 51.77 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

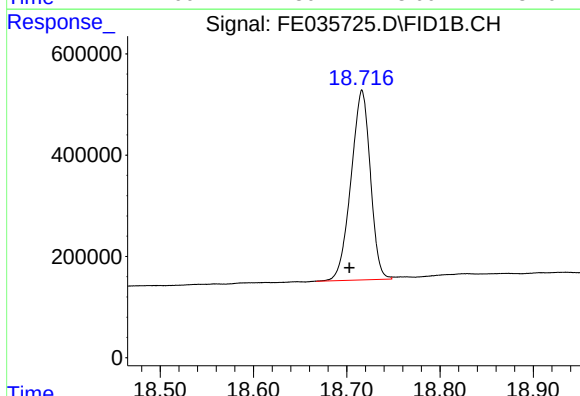
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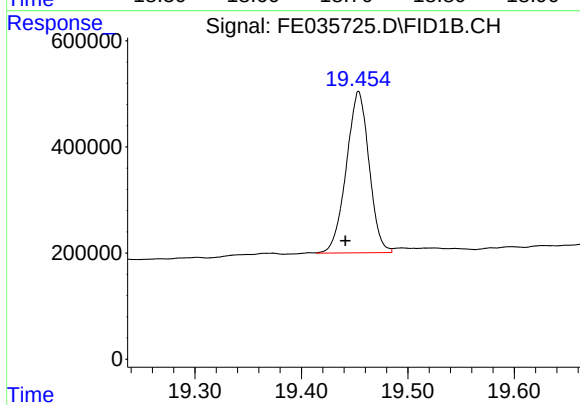
#14 N-DOTRIACONTANE

R.T.: 17.934 min
Delta R.T.: 0.012 min
Response: 5935447
Conc: 52.67 ug/ml



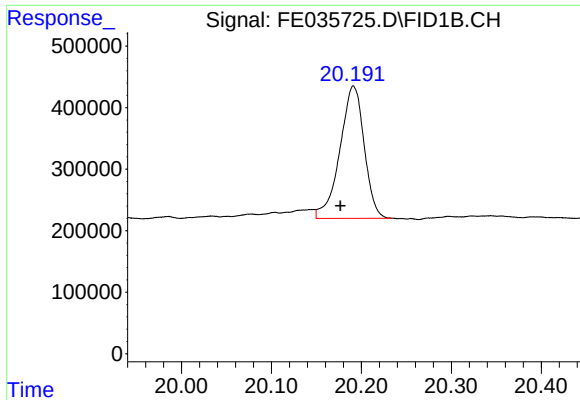
#15 N-TETRATRIACONTANE

R.T.: 18.716 min
Delta R.T.: 0.013 min
Response: 5391711
Conc: 54.50 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.454 min
Delta R.T.: 0.012 min
Response: 4519025
Conc: 56.80 ug/ml m



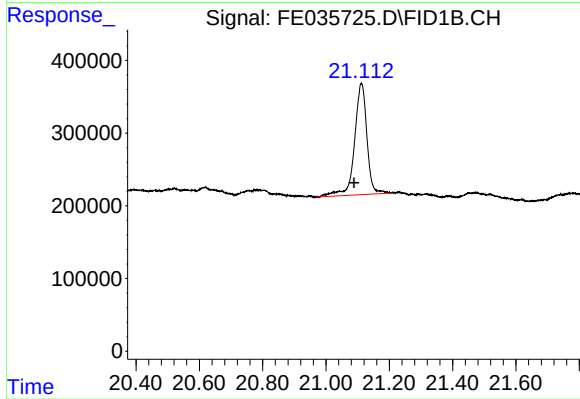
#17 N-OCTATRIACONTANE

R.T.: 20.191 min
Delta R.T.: 0.014 min
Response: 4026241
Conc: 60.23 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.112 min
Delta R.T.: 0.022 min
Response: 4142673
Conc: 63.85 ug/ml