

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122019\
 Data File : FE031025.D
 Signal(s) : FID1B.CH
 Acq On : 20 Dec 2019 18:21
 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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 12/23/2019 9:01:10 AM

Integration File: autoint1.e
 Quant Time: Dec 20 21:04:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE112619.M
 Quant Title :
 QLast Update : Tue Nov 26 14:51:59 2019
 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...	14.639	14928355	49.764 ug/ml
Target Compounds			
1) N-OCTANE	2.340	18852664	51.356 ug/ml
2) N-DECANE	4.378	19015523	51.689 ug/ml
3) N-DODECANE	6.388	19050809	51.893 ug/ml
4) N-TETRADECANE	8.183	18590014	50.820 ug/ml
5) N-HEXADECANE	9.785	18363007	50.221 ug/ml
6) N-OCTADECANE	11.228	17893772	49.935 ug/ml
7) N-EICOSANE	12.540	17836005	49.913 ug/ml
8) N-DOCOSANE	13.740	17452958	49.708 ug/ml
10) N-TETRACOSANE	14.846	17153992	49.047 ug/ml
11) N-HEXACOSANE	15.867	16835782	49.152 ug/ml
12) N-OCTACOSANE	16.818	16551457	48.731 ug/ml
13) N-TRIACONTANE	17.706	16160927	48.187 ug/ml
14) N-DOTRIACONTANE	18.538	14842297	45.891 ug/ml
15) N-TETRATRIACONTANE	19.322	13204926	42.043 ug/mlm
16) N-HEXATRIACONTANE	20.060	10970869	36.887 ug/mlm
17) N-OCTATRIACONTANE	20.788	8557180	30.896 ug/ml
18) N-TETRACONTANE	21.678	6653497	23.518 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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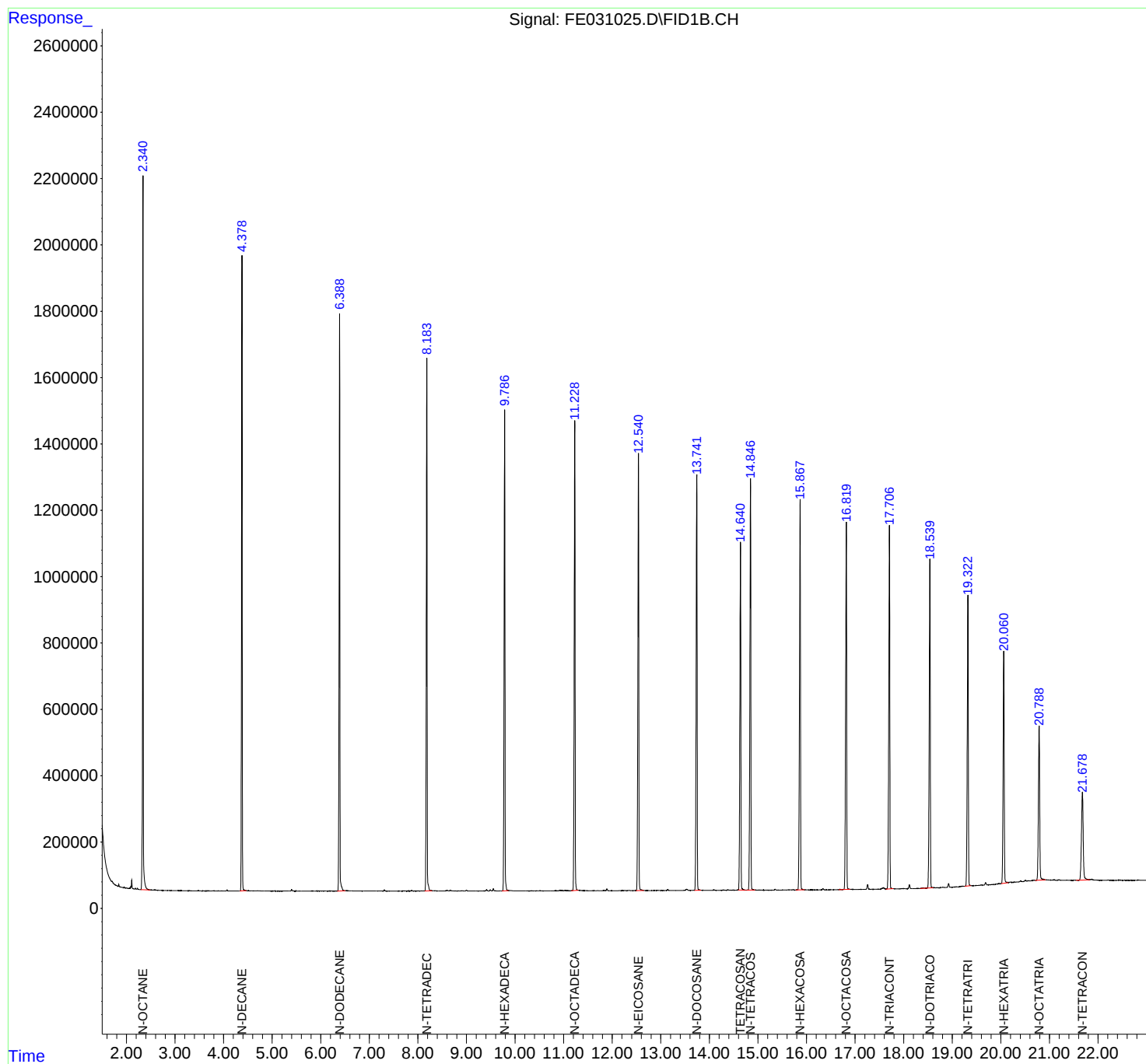
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50 PPM TRPH STD

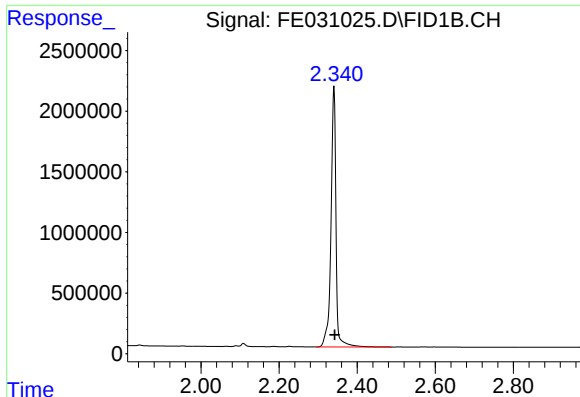
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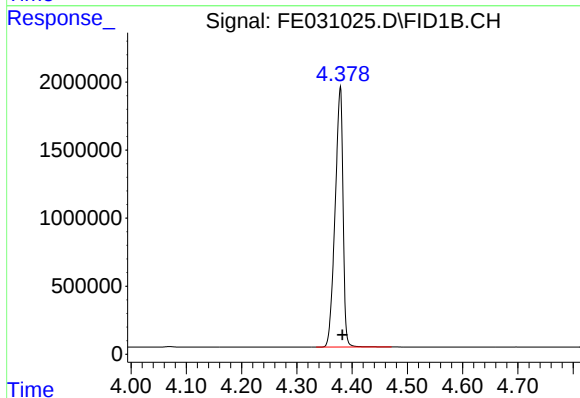
#1 N-OCTANE

R.T.: 2.340 min
Delta R.T.: -0.003 min
Response: 18852664
Conc: 51.36 ug/ml

Instrument :
FID_E
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50 PPM TRPH STD

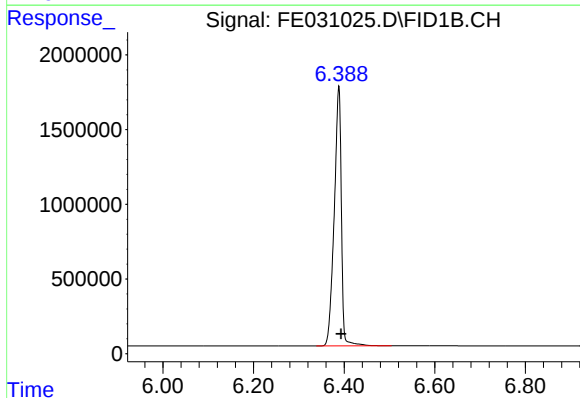
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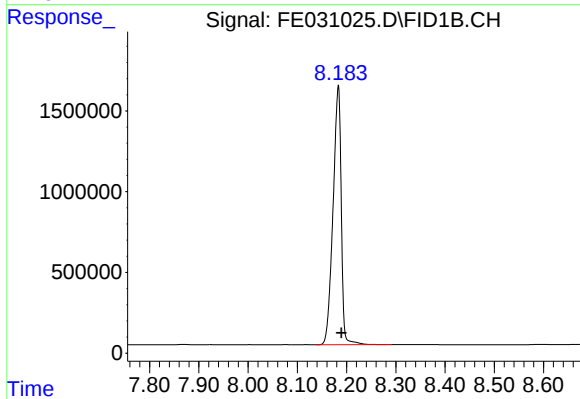
#2 N-DECANE

R.T.: 4.378 min
Delta R.T.: -0.005 min
Response: 19015523
Conc: 51.69 ug/ml



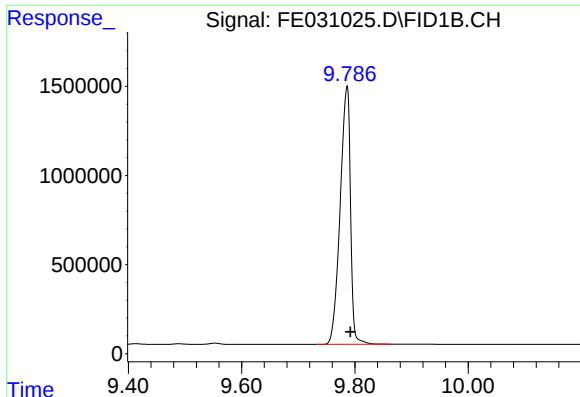
#3 N-DODECANE

R.T.: 6.388 min
Delta R.T.: -0.006 min
Response: 19050809
Conc: 51.89 ug/ml



#4 N-TETRADECANE

R.T.: 8.183 min
Delta R.T.: -0.007 min
Response: 18590014
Conc: 50.82 ug/ml



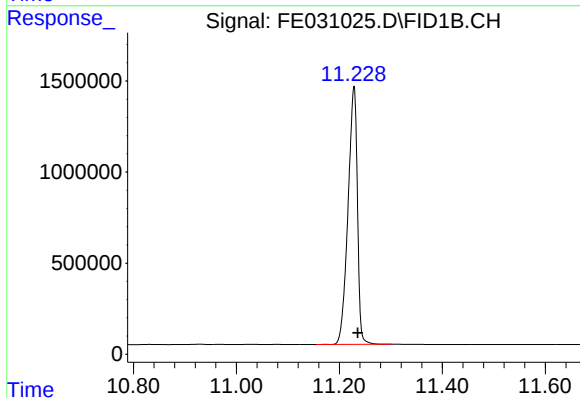
#5 N-HEXADECANE

R.T.: 9.785 min
Delta R.T.: -0.007 min
Response: 18363007
Conc: 50.22 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

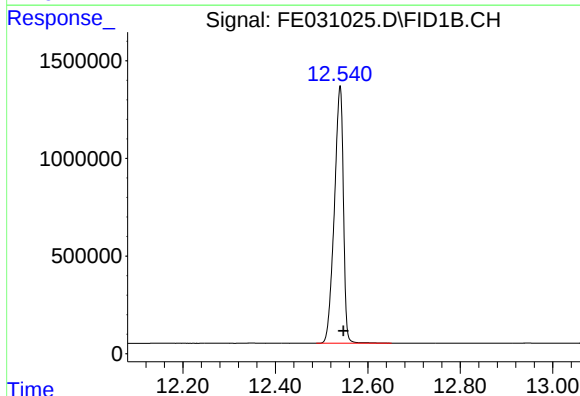
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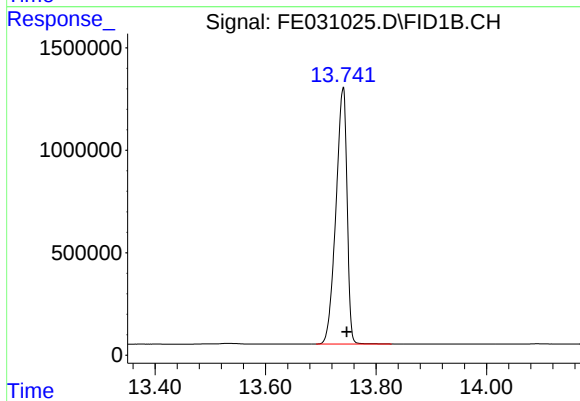
#6 N-OCTADECANE

R.T.: 11.228 min
Delta R.T.: -0.008 min
Response: 17893772
Conc: 49.94 ug/ml



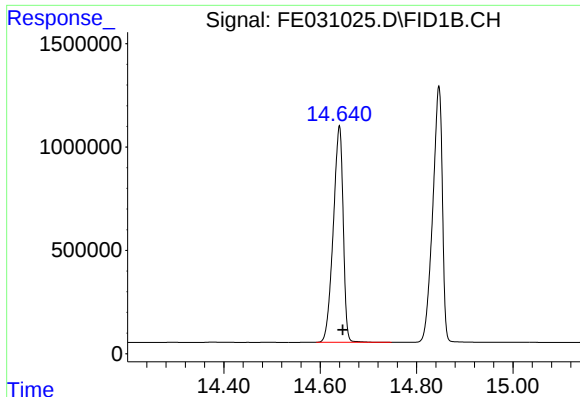
#7 N-EICOSANE

R.T.: 12.540 min
Delta R.T.: -0.007 min
Response: 17836005
Conc: 49.91 ug/ml



#8 N-DOCOSANE

R.T.: 13.740 min
Delta R.T.: -0.007 min
Response: 17452958
Conc: 49.71 ug/ml



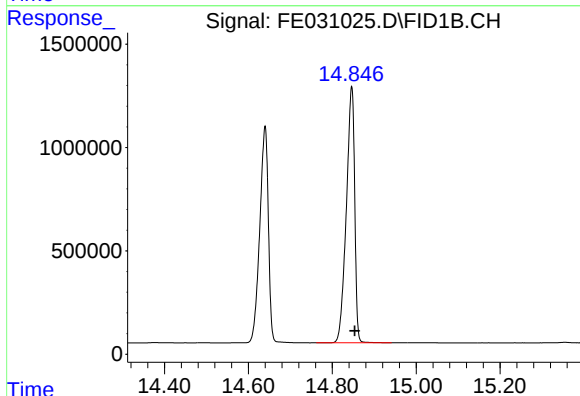
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.639 min
Delta R.T.: -0.008 min
Response: 14928355
Conc: 49.76 ug/ml

Instrument :
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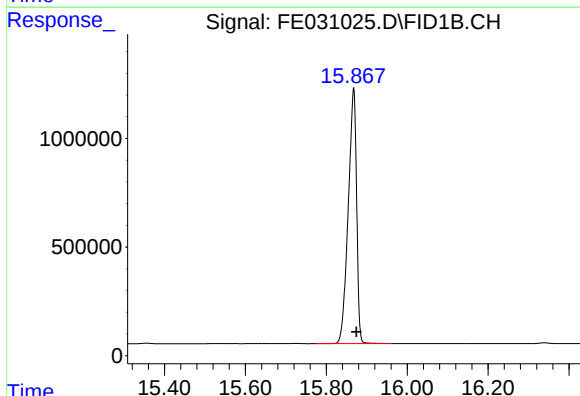
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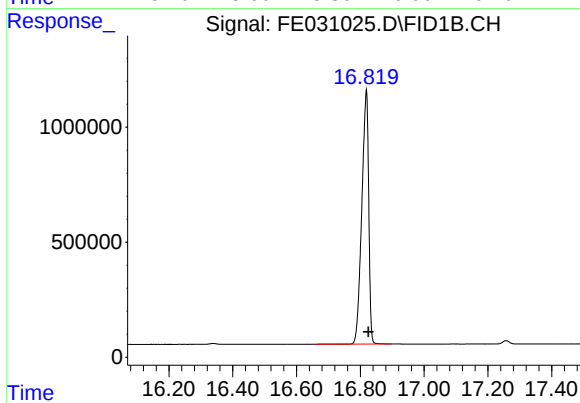
#10 N-TETRACOSANE

R.T.: 14.846 min
Delta R.T.: -0.008 min
Response: 17153992
Conc: 49.05 ug/ml



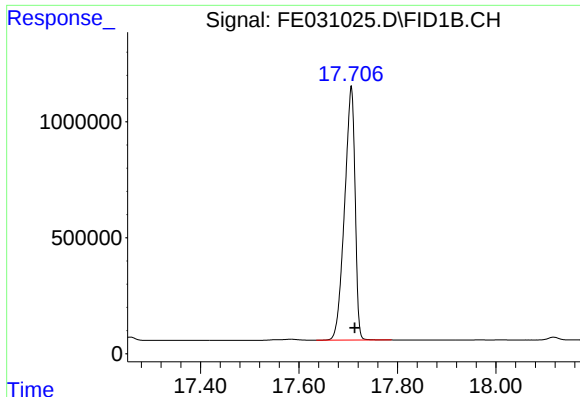
#11 N-HEXACOSANE

R.T.: 15.867 min
Delta R.T.: -0.007 min
Response: 16835782
Conc: 49.15 ug/ml



#12 N-OCTACOSANE

R.T.: 16.818 min
Delta R.T.: -0.007 min
Response: 16551457
Conc: 48.73 ug/ml



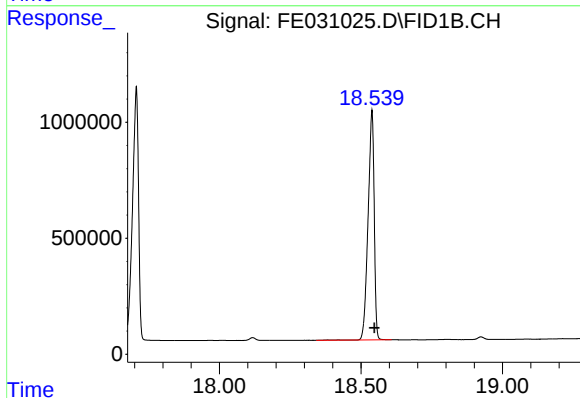
#13 N-TRIACONTANE

R.T.: 17.706 min
Delta R.T.: -0.008 min
Response: 16160927
Conc: 48.19 ug/ml

Instrument :
FID_E
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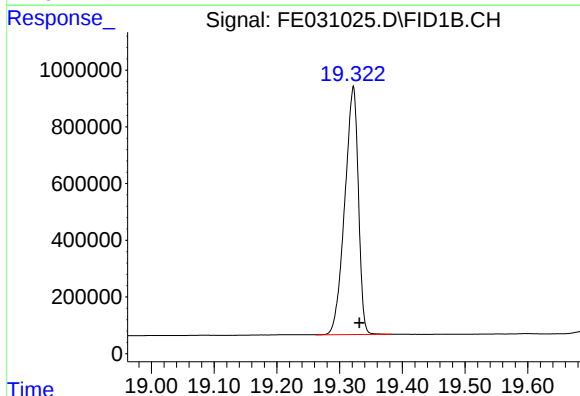
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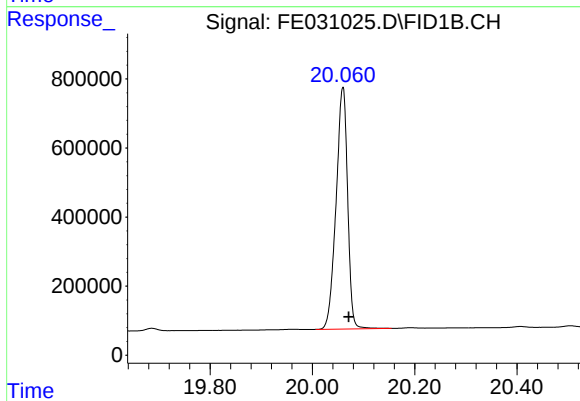
#14 N-DOTRIACONTANE

R.T.: 18.538 min
Delta R.T.: -0.009 min
Response: 14842297
Conc: 45.89 ug/ml



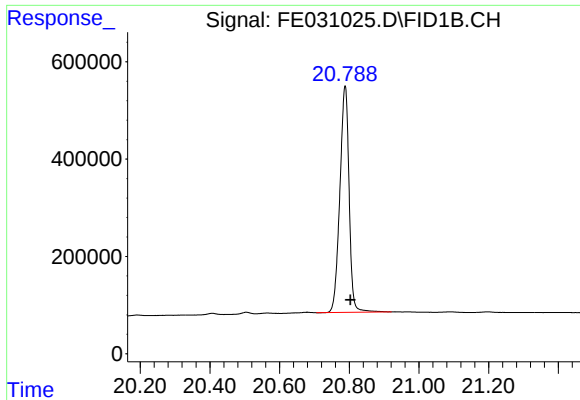
#15 N-TETRATRIACONTANE

R.T.: 19.322 min
Delta R.T.: -0.010 min
Response: 13204926
Conc: 42.04 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.060 min
Delta R.T.: -0.011 min
Response: 10970869
Conc: 36.89 ug/ml m



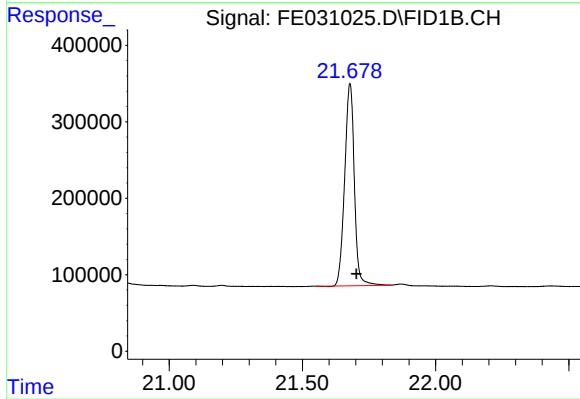
#17 N-OCTATRIACONTANE

R.T.: 20.788 min
Delta R.T.: -0.016 min
Response: 8557180
Conc: 30.90 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.678 min
Delta R.T.: -0.024 min
Response: 6653497
Conc: 23.52 ug/ml