

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100522\
 Data File : FG010790.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2022 08:43
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2022
 Supervised By :Ankita Jodhani 10/06/2022

Integration File: autoint1.e
 Quant Time: Oct 06 09:06:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092822.M
 Quant Title :
 QLast Update : Thu Sep 29 02:21:49 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...	14.741	6406715	52.808 ug/ml
Target Compounds			
1) N-OCTANE	1.769	6859022	53.800 ug/ml
2) N-DECANE	4.265	7191768	55.263 ug/ml
3) N-DODECANE	6.447	7282799	54.915 ug/ml
4) N-TETRADECANE	8.278	7317575	54.572 ug/ml
5) N-HEXADECANE	9.886	7444074	53.686 ug/ml
6) N-OCTADECANE	11.330	7487757	53.128 ug/ml
7) N-EICOSANE	12.641	7449053	52.677 ug/ml
8) N-DOCOSANE	13.840	7258211	52.432 ug/ml
10) N-TETRACOSANE	14.945	7218597	52.395 ug/ml
11) N-HEXACOSANE	15.967	7063364	52.355 ug/ml
12) N-OCTACOSANE	16.919	6951024	53.007 ug/ml
13) N-TRIACONTANE	17.808	6970632	54.154 ug/ml
14) N-DOTRIACONTANE	18.642	6967134	54.828 ug/ml
15) N-TETRATRIACONTANE	19.427	6830825	54.414 ug/mlm
16) N-HEXATRIACONTANE	20.167	6253362	51.930 ug/ml
17) N-OCTATRIACONTANE	20.876	5646302	45.940 ug/ml
18) N-TETRACONTANE	21.699	4917073	39.141 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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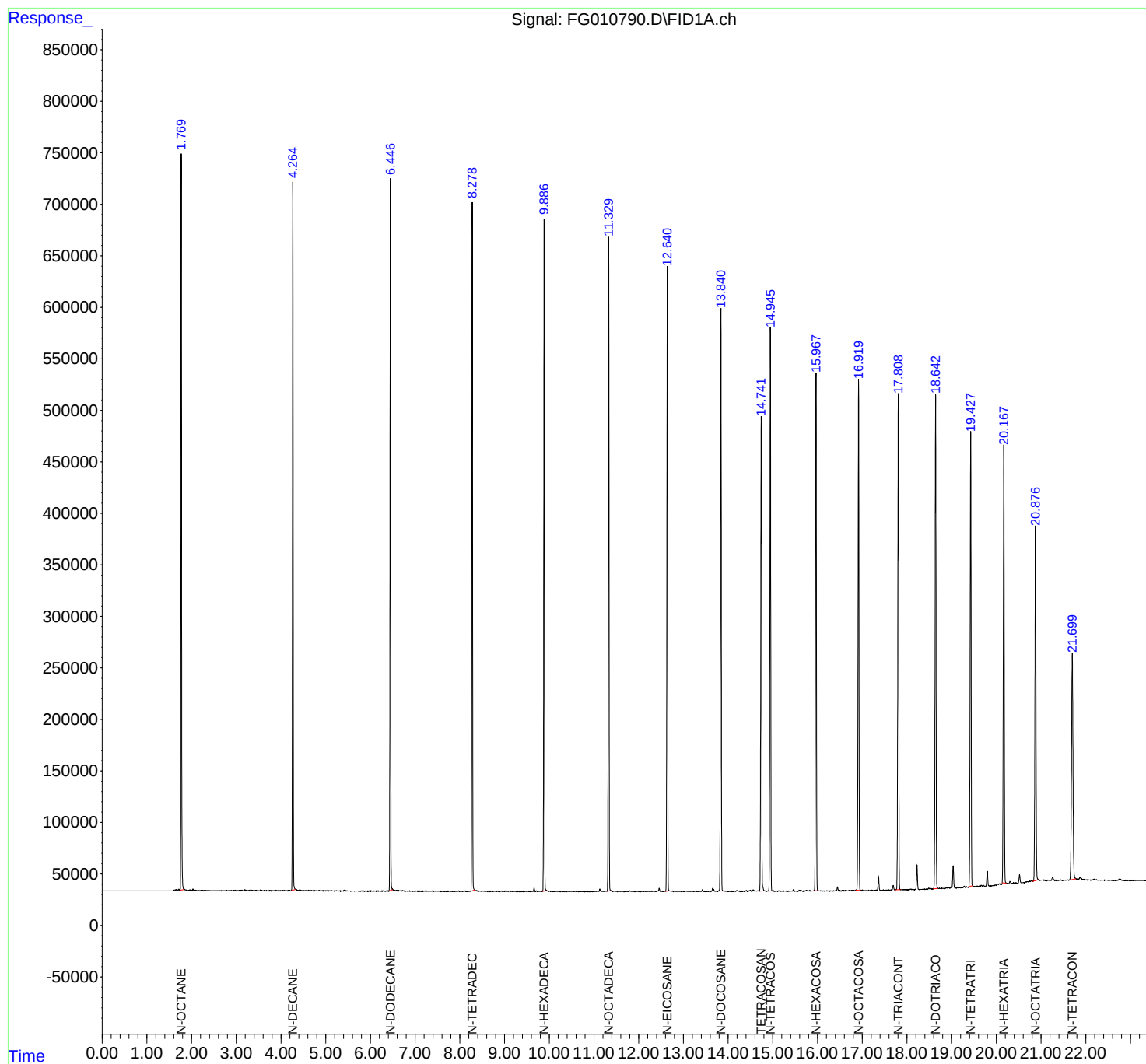
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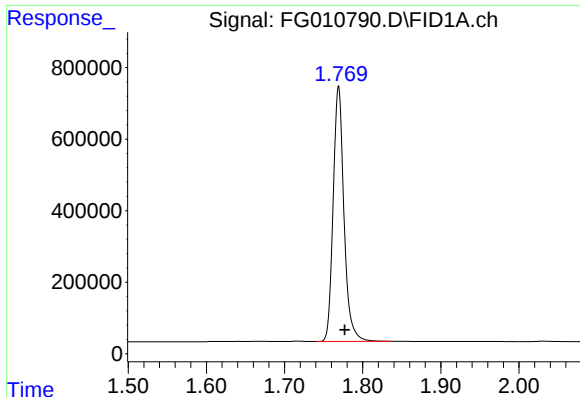
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#1 N-OCTANE

R.T.: 1.769 min
Delta R.T.: -0.008 min
Response: 6859022
Conc: 53.80 ug/ml

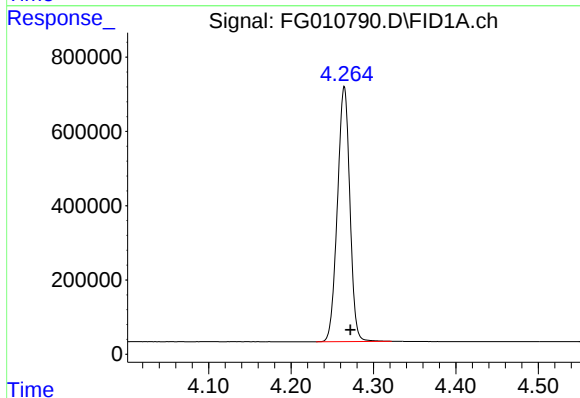
Instrument :

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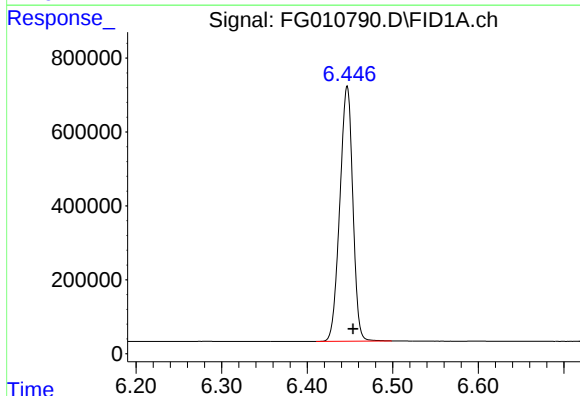
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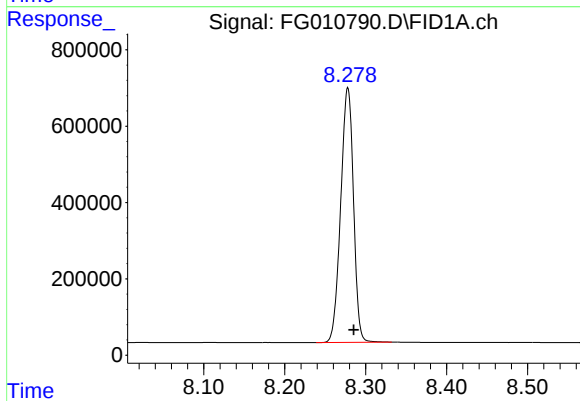
#2 N-DECANE

R.T.: 4.265 min
Delta R.T.: -0.008 min
Response: 7191768
Conc: 55.26 ug/ml



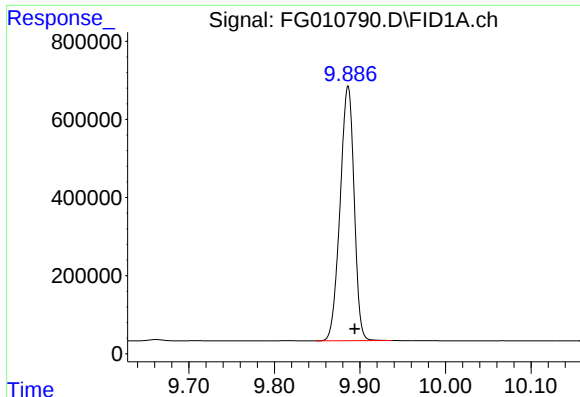
#3 N-DODECANE

R.T.: 6.447 min
Delta R.T.: -0.007 min
Response: 7282799
Conc: 54.91 ug/ml



#4 N-TETRADECANE

R.T.: 8.278 min
Delta R.T.: -0.007 min
Response: 7317575
Conc: 54.57 ug/ml



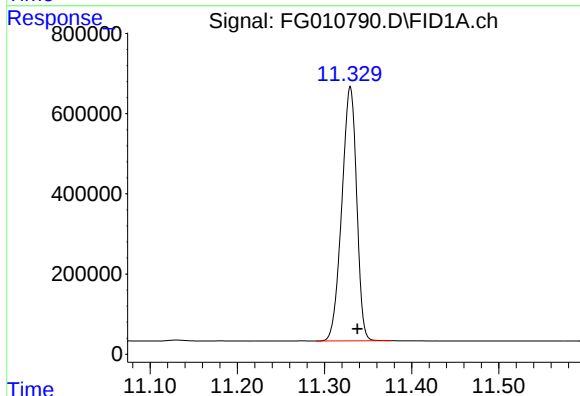
#5 N-HEXADECANE

R.T.: 9.886 min
Delta R.T.: -0.008 min
Response: 7444074
Conc: 53.69 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

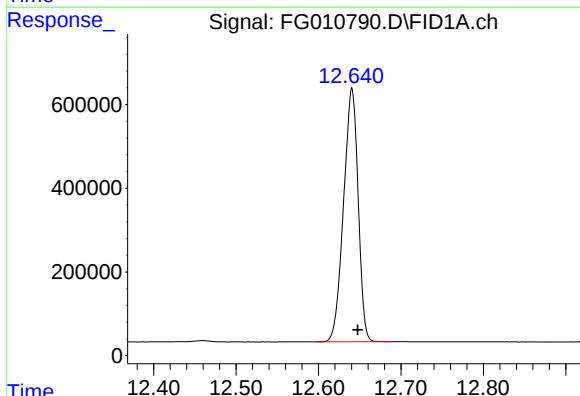
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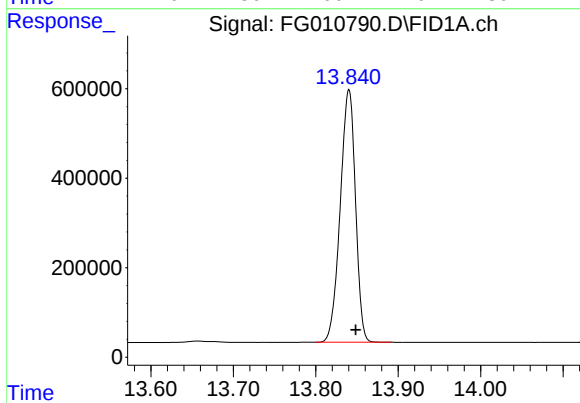
#6 N-OCTADECANE

R.T.: 11.330 min
Delta R.T.: -0.008 min
Response: 7487757
Conc: 53.13 ug/ml



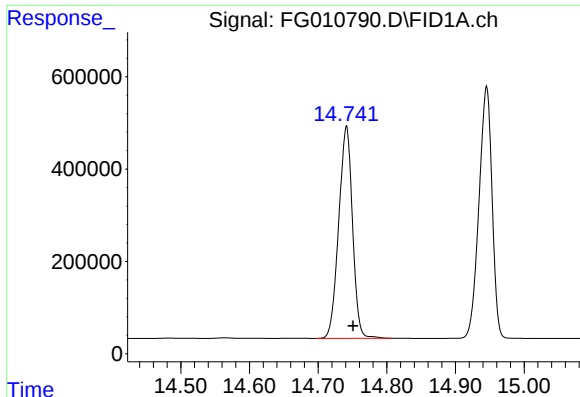
#7 N-EICOSANE

R.T.: 12.641 min
Delta R.T.: -0.007 min
Response: 7449053
Conc: 52.68 ug/ml



#8 N-DOCOSANE

R.T.: 13.840 min
Delta R.T.: -0.008 min
Response: 7258211
Conc: 52.43 ug/ml



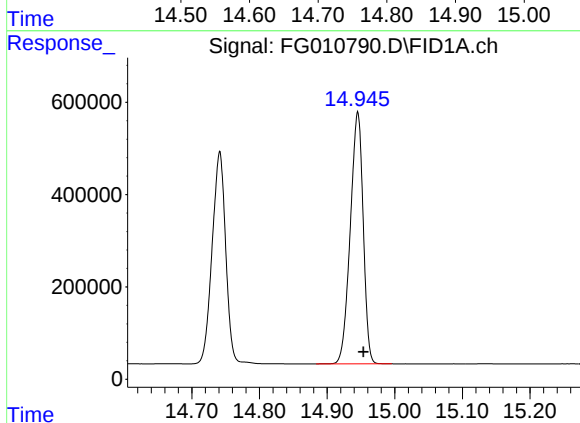
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.741 min
Delta R.T.: -0.009 min
Response: 6406715
Conc: 52.81 ug/ml

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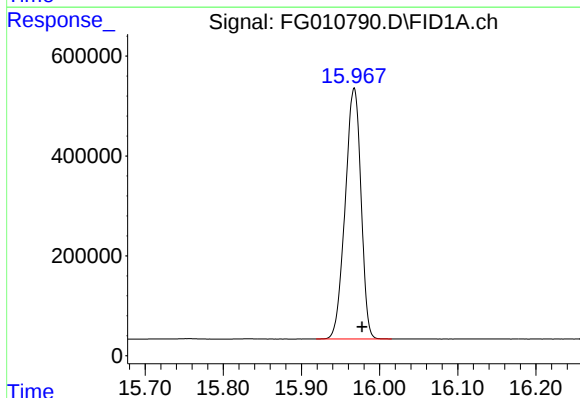
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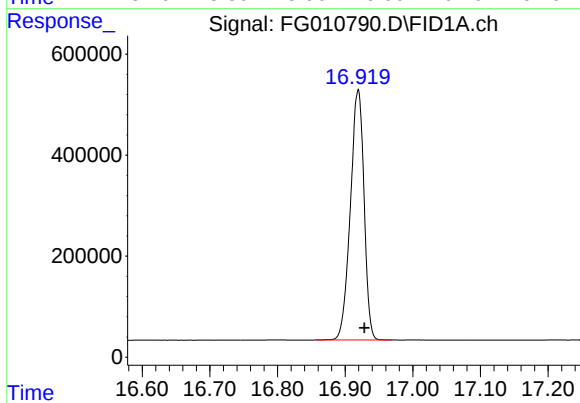
#10 N-TETRACOSANE

R.T.: 14.945 min
Delta R.T.: -0.008 min
Response: 7218597
Conc: 52.40 ug/ml



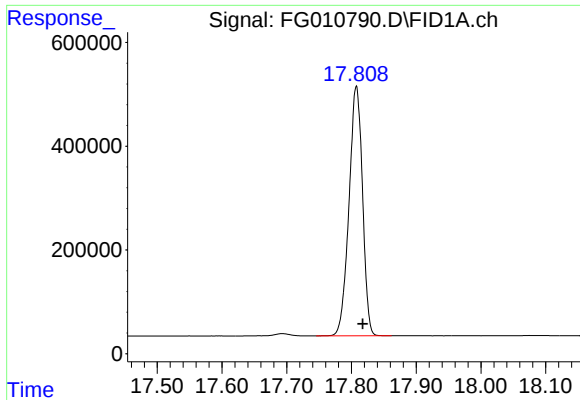
#11 N-HEXACOSANE

R.T.: 15.967 min
Delta R.T.: -0.010 min
Response: 7063364
Conc: 52.35 ug/ml



#12 N-OCTACOSANE

R.T.: 16.919 min
Delta R.T.: -0.009 min
Response: 6951024
Conc: 53.01 ug/ml



#13 N-TRIACONTANE

R.T.: 17.808 min
Delta R.T.: -0.010 min
Response: 6970632
Conc: 54.15 ug/ml

Instrument :

FID_G

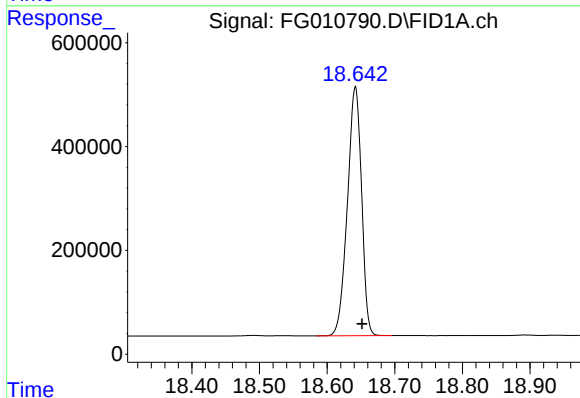
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

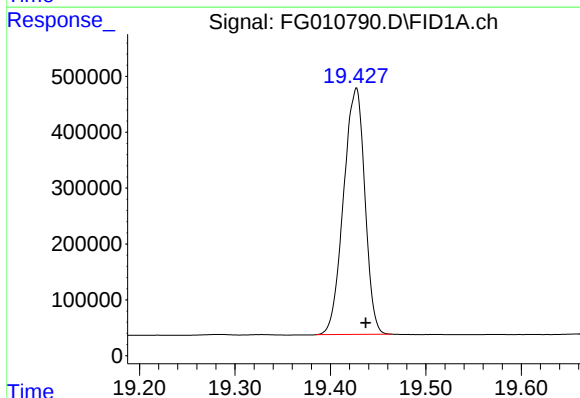
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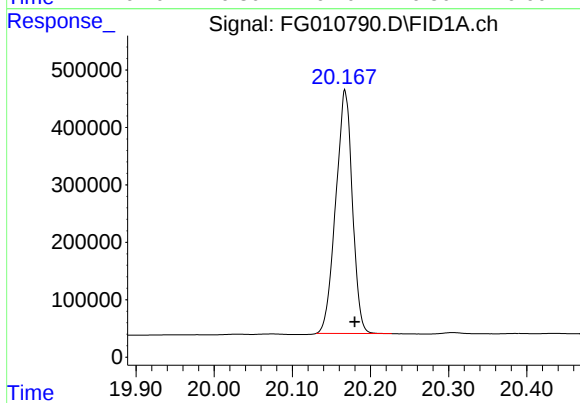
#14 N-DOTRIACONTANE

R.T.: 18.642 min
Delta R.T.: -0.010 min
Response: 6967134
Conc: 54.83 ug/ml



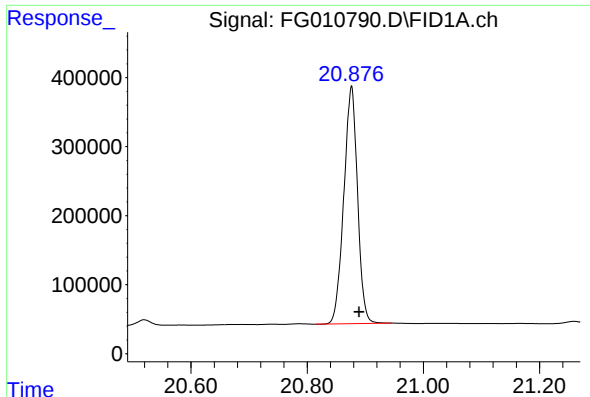
#15 N-TETRATRIACONTANE

R.T.: 19.427 min
Delta R.T.: -0.010 min
Response: 6830825
Conc: 54.41 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.167 min
Delta R.T.: -0.013 min
Response: 6253362
Conc: 51.93 ug/ml



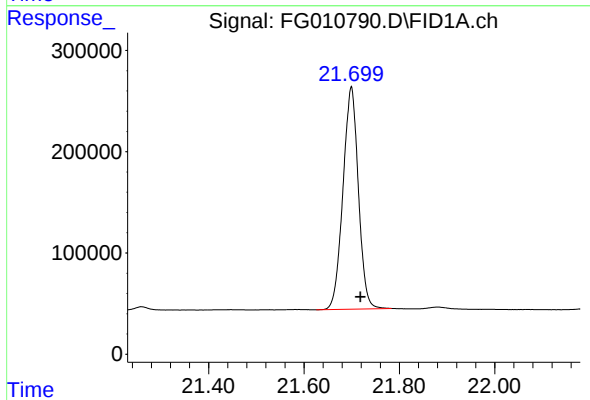
#17 N-OCTATRIACONTANE

R.T.: 20.876 min
Delta R.T.: -0.013 min
Response: 5646302
Conc: 45.94 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.699 min
Delta R.T.: -0.019 min
Response: 4917073
Conc: 39.14 ug/ml