

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070221\
 Data File : FF008714.D
 Signal(s) : FID2B.ch
 Acq On : 02 Jul 2021 10:58
 Operator : DD\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

mohammad
 7/7/2021 11:30:45 AM

Integration File: autoint1.e
 Quant Time: Jul 02 22:42:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF062321.M
 Quant Title :
 QLast Update : Thu Jun 24 08:07:11 2021
 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...	14.746	5218234	45.786 ug/ml
Target Compounds			
1) N-OCTANE	2.397	6907369	51.550 ug/ml
2) N-DECANE	4.502	6986058	51.815 ug/ml
3) N-DODECANE	6.520	6982958	51.344 ug/ml
4) N-TETRADECANE	8.311	6908087	51.203 ug/ml
5) N-HEXADECANE	9.908	6712413	49.136 ug/ml
6) N-OCTADECANE	11.347	6674637	47.958 ug/ml
7) N-EICOSANE	12.653	6440436	46.972 ug/ml
8) N-DOCOSANE	13.848	6179454	46.185 ug/ml
10) N-TETRACOSANE	14.950	6001261	45.544 ug/ml
11) N-HEXACOSANE	15.969	5738182	44.907 ug/ml
12) N-OCTACOSANE	16.917	5480289	44.308 ug/ml
13) N-TRIACONTANE	17.801	5280209	44.060 ug/ml
14) N-DOTRIACONTANE	18.630	5185668	44.263 ug/ml
15) N-TETRATRIACONTANE	19.412	5035811	48.164 ug/ml
16) N-HEXATRIACONTANE	20.149	5014626	53.388 ug/ml
17) N-OCTATRIACONTANE	20.893	4515340	54.774 ug/ml
18) N-TETRACONTANE	21.822	5332113	57.613 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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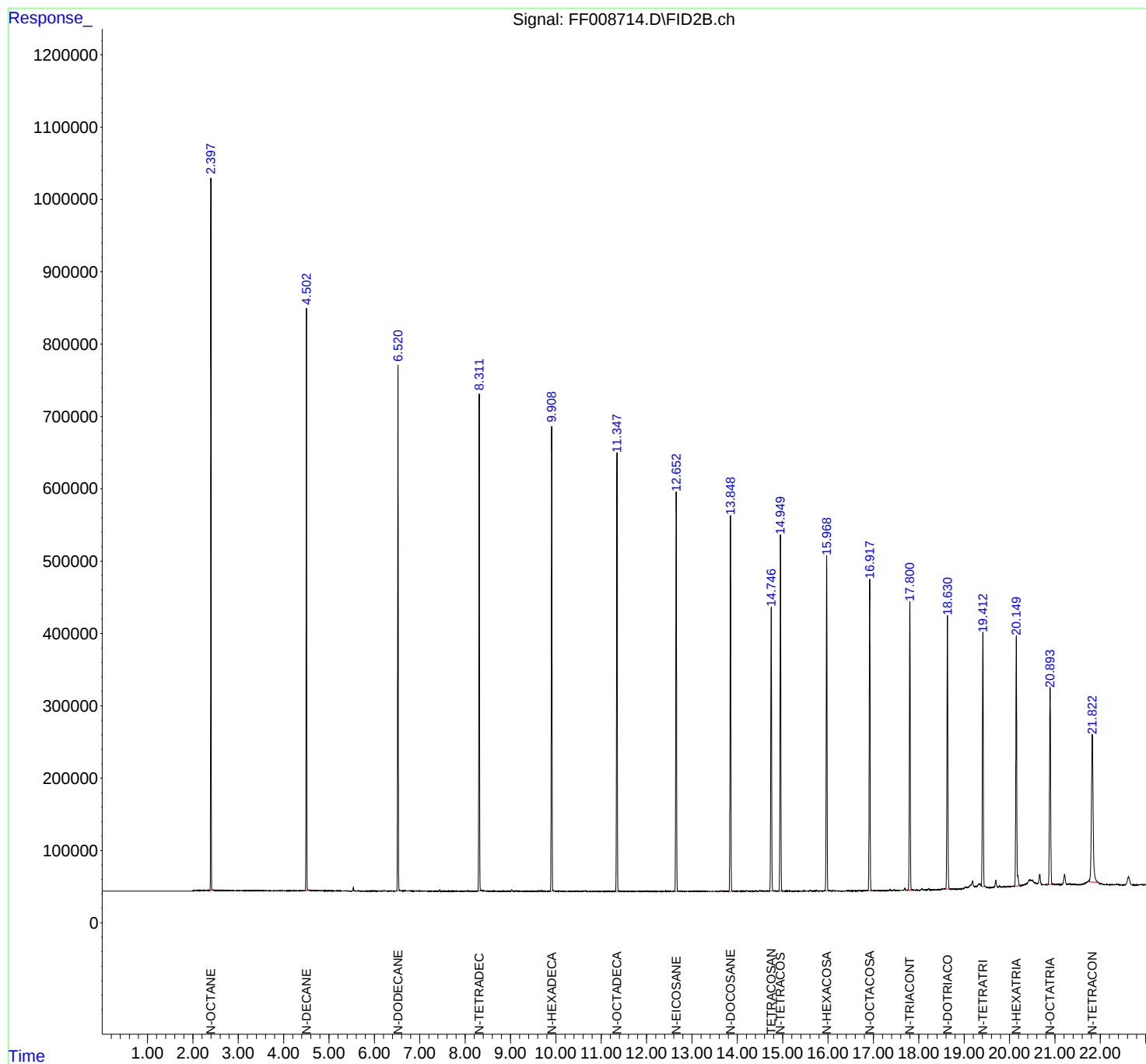
Instrument :
FID_F
ClientSampled :
50 PPM TRPH STD

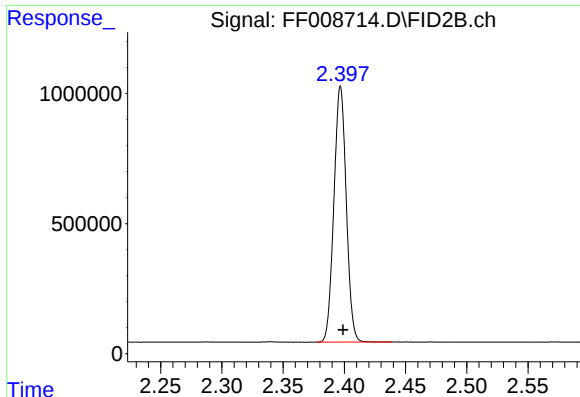
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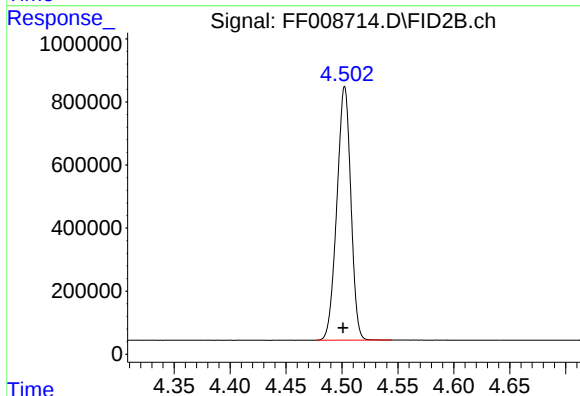
#1 N-OCTANE

R.T.: 2.397 min
Delta R.T.: -0.002 min
Response: 6907369
Conc: 51.55 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

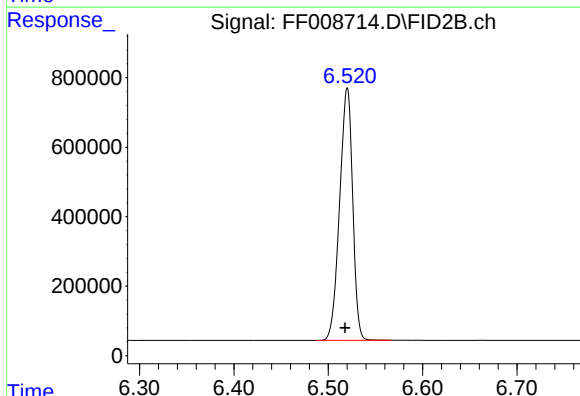
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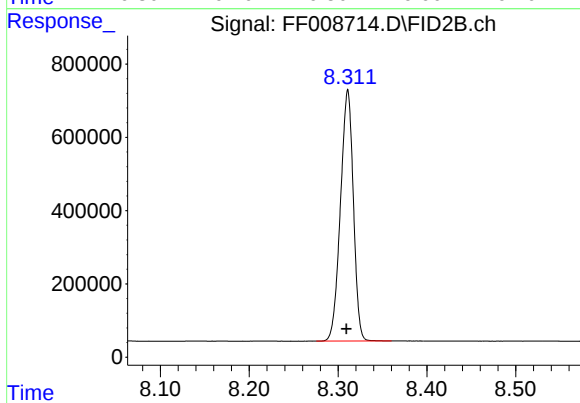
#2 N-DECANE

R.T.: 4.502 min
Delta R.T.: 0.002 min
Response: 6986058
Conc: 51.81 ug/ml



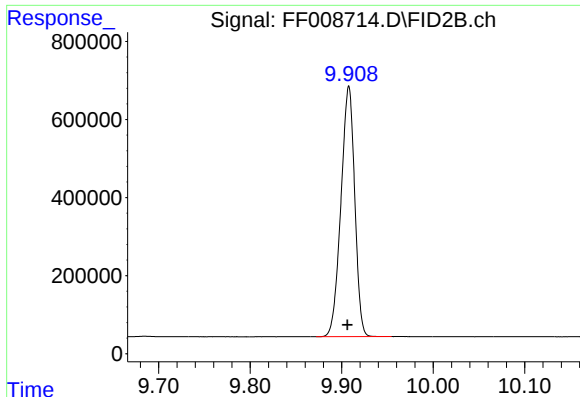
#3 N-DODECANE

R.T.: 6.520 min
Delta R.T.: 0.002 min
Response: 6982958
Conc: 51.34 ug/ml



#4 N-TETRADECANE

R.T.: 8.311 min
Delta R.T.: 0.001 min
Response: 6908087
Conc: 51.20 ug/ml



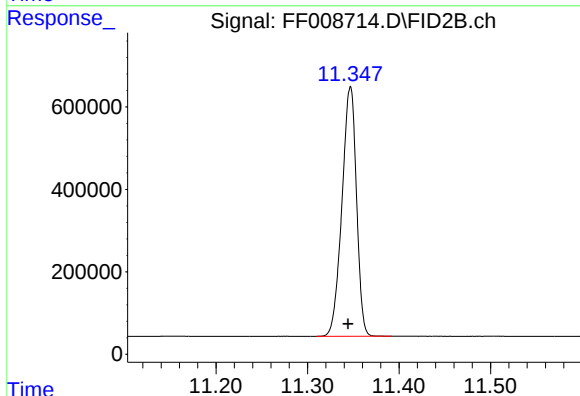
#5 N-HEXADECANE

R.T.: 9.908 min
Delta R.T.: 0.002 min
Response: 6712413
Conc: 49.14 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

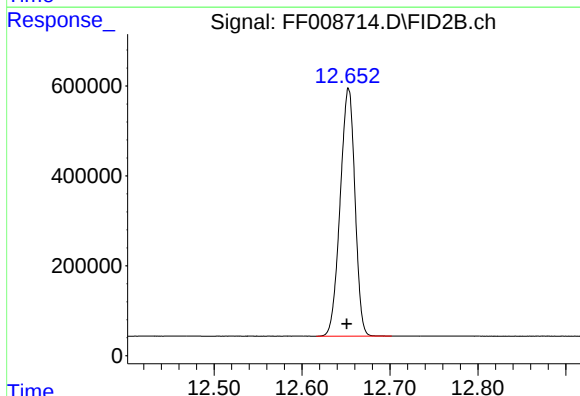
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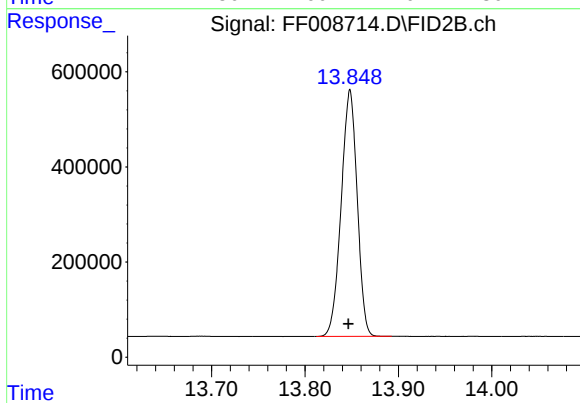
#6 N-OCTADECANE

R.T.: 11.347 min
Delta R.T.: 0.003 min
Response: 6674637
Conc: 47.96 ug/ml



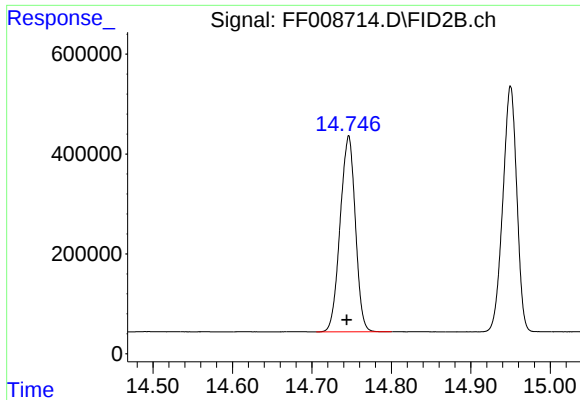
#7 N-EICOSANE

R.T.: 12.653 min
Delta R.T.: 0.002 min
Response: 6440436
Conc: 46.97 ug/ml



#8 N-DOCOSANE

R.T.: 13.848 min
Delta R.T.: 0.002 min
Response: 6179454
Conc: 46.18 ug/ml



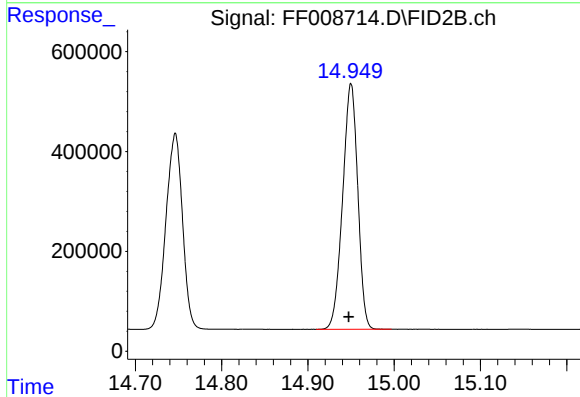
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.746 min
Delta R.T.: 0.003 min
Response: 5218234
Conc: 45.79 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

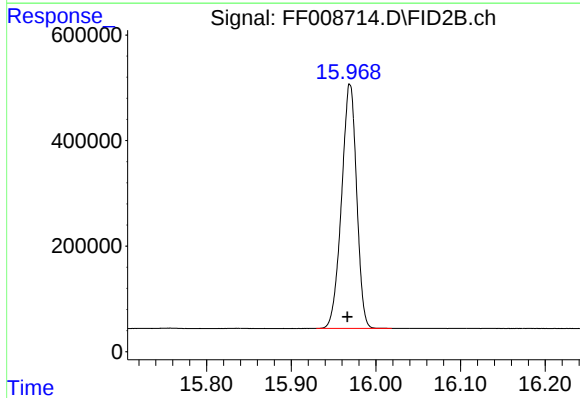
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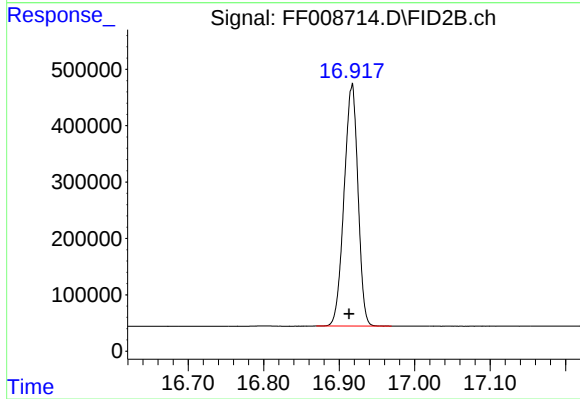
#10 N-TETRACOSANE

R.T.: 14.950 min
Delta R.T.: 0.003 min
Response: 6001261
Conc: 45.54 ug/ml



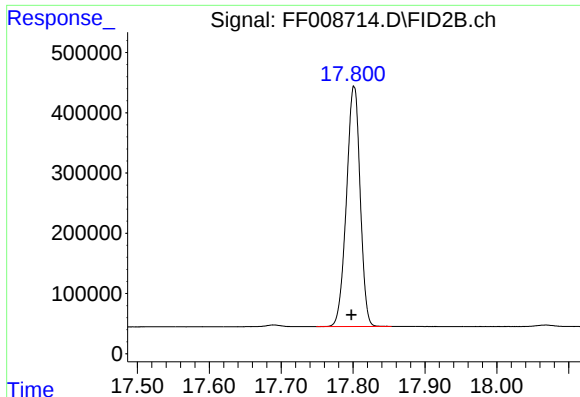
#11 N-HEXACOSANE

R.T.: 15.969 min
Delta R.T.: 0.003 min
Response: 5738182
Conc: 44.91 ug/ml



#12 N-OCTACOSANE

R.T.: 16.917 min
Delta R.T.: 0.004 min
Response: 5480289
Conc: 44.31 ug/ml



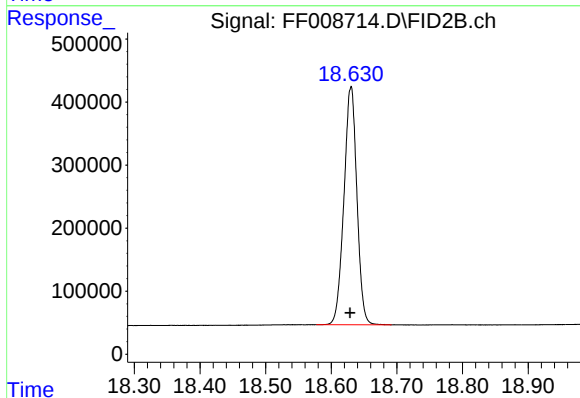
#13 N-TRIACONTANE

R.T.: 17.801 min
Delta R.T.: 0.004 min
Response: 5280209
Conc: 44.06 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

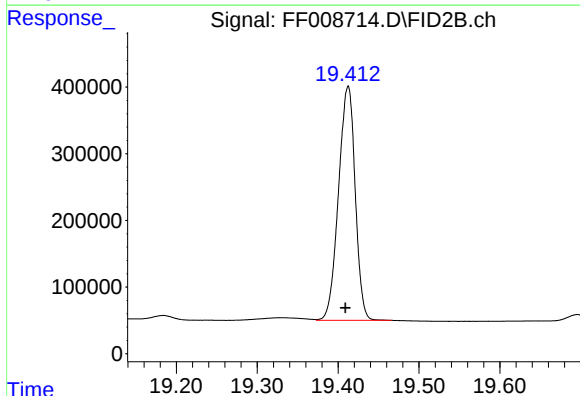
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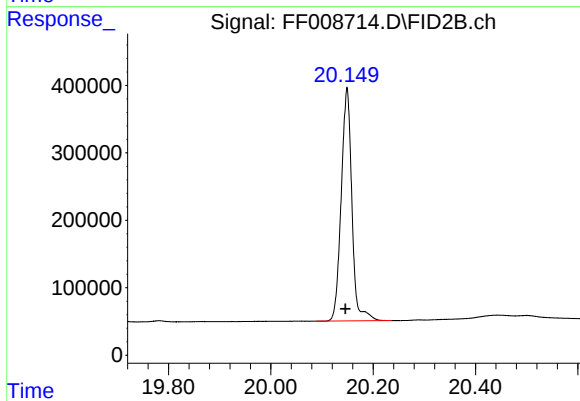
#14 N-DOTRIACONTANE

R.T.: 18.630 min
Delta R.T.: 0.001 min
Response: 5185668
Conc: 44.26 ug/ml



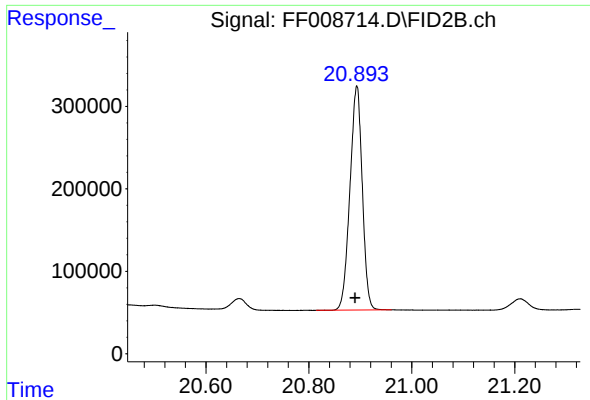
#15 N-TETRATRIACONTANE

R.T.: 19.412 min
Delta R.T.: 0.003 min
Response: 5035811
Conc: 48.16 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.149 min
Delta R.T.: 0.003 min
Response: 5014626
Conc: 53.39 ug/ml



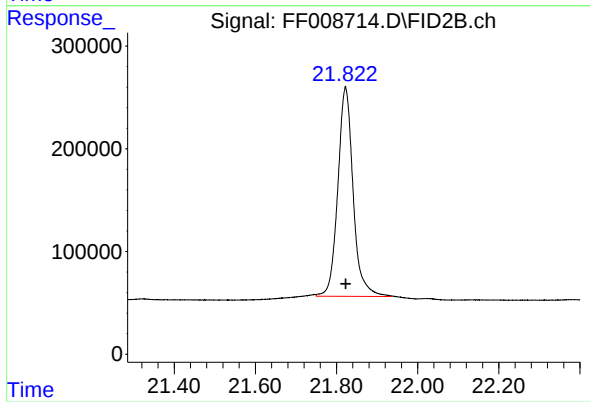
#17 N-OCTATRIACONTANE

R.T.: 20.893 min
Delta R.T.: 0.003 min
Response: 4515340
Conc: 54.77 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

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#18 N-TETRACONTANE

R.T.: 21.822 min
Delta R.T.: -0.001 min
Response: 5332113
Conc: 57.61 ug/ml m