

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101822\
 Data File : FG010927.D
 Signal(s) : FID1A.ch
 Acq On : 18 Oct 2022 12:21
 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 10/19/2022
 Supervised By :Ankita Jodhani 10/20/2022

Integration File: Sample.e
 Quant Time: Oct 19 04:45:45 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...	14.740	6166571	50.829 ug/ml
Target Compounds			
1) N-OCTANE	1.765	6853229	53.755 ug/ml
2) N-DECANE	4.258	7135428	54.830 ug/ml
3) N-DODECANE	6.441	7222117	54.457 ug/ml
4) N-TETRADECANE	8.272	7207450	53.750 ug/ml
5) N-HEXADECANE	9.882	7310913	52.726 ug/ml
6) N-OCTADECANE	11.326	7361399	52.232 ug/ml
7) N-EICOSANE	12.637	7294846	51.586 ug/ml
8) N-DOCOSANE	13.837	7068093	51.058 ug/ml
10) N-TETRACOSANE	14.943	6962413	50.536 ug/ml
11) N-HEXACOSANE	15.965	6755292	50.071 ug/ml
12) N-OCTACOSANE	16.917	6543289	49.898 ug/ml
13) N-TRIACONTANE	17.806	6432438	49.973 ug/ml
14) N-DOTRIACONTANE	18.641	6477088	50.971 ug/ml
15) N-TETRATRIACONTANE	19.426	6705700	53.418 ug/mlm
16) N-HEXATRIACONTANE	20.167	6747037	56.030 ug/ml
17) N-OCTATRIACONTANE	20.877	7422503	60.392 ug/ml
18) N-TETRACONTANE	21.703	8121706	64.650 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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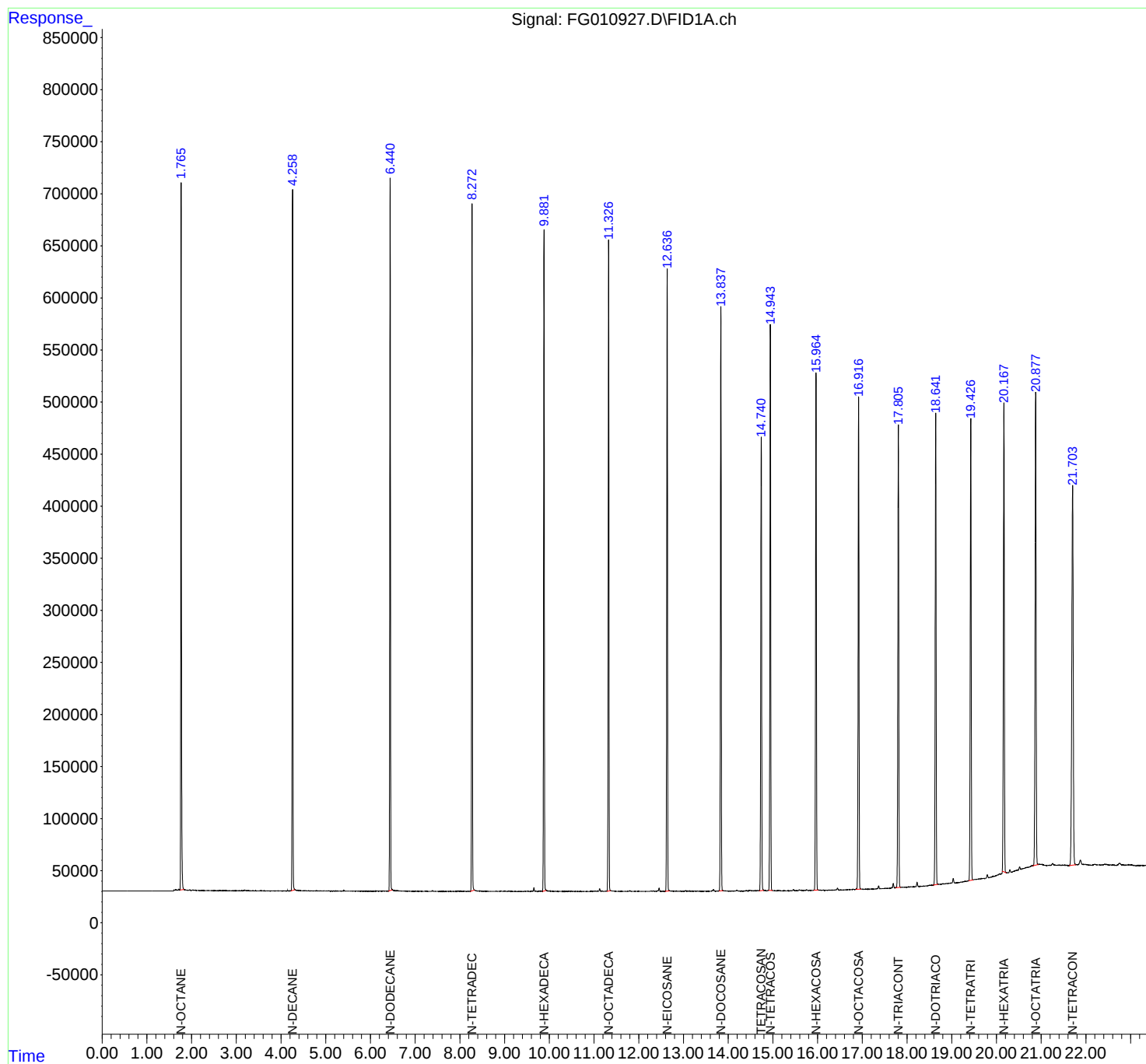
Instrument :
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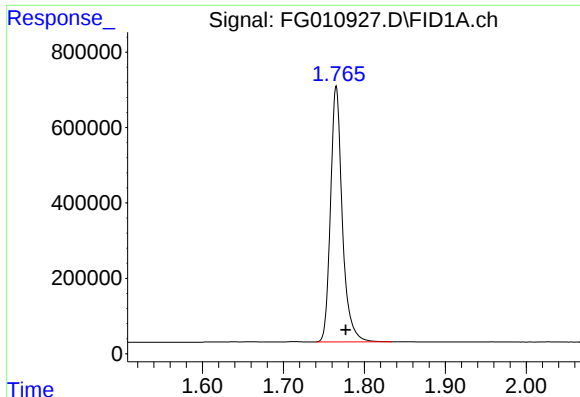
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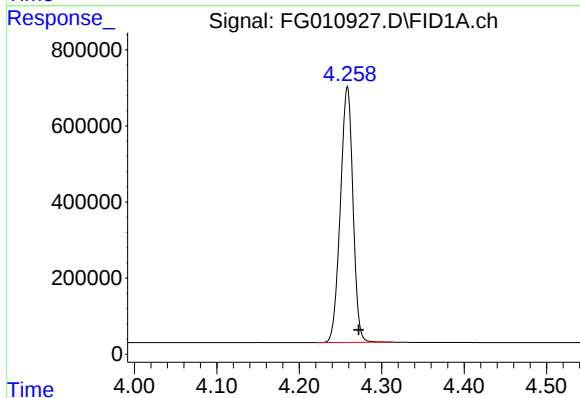
#1 N-OCTANE

R.T.: 1.765 min
Delta R.T.: -0.012 min
Response: 6853229
Conc: 53.75 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

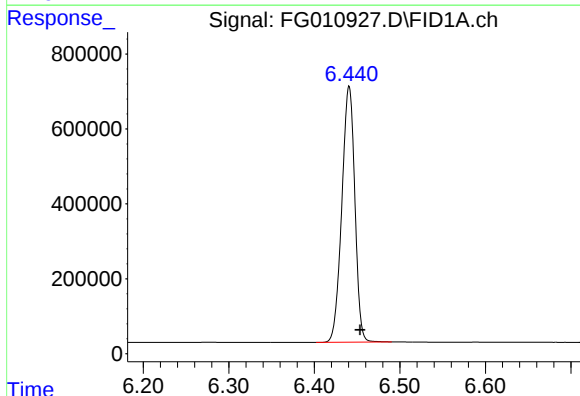
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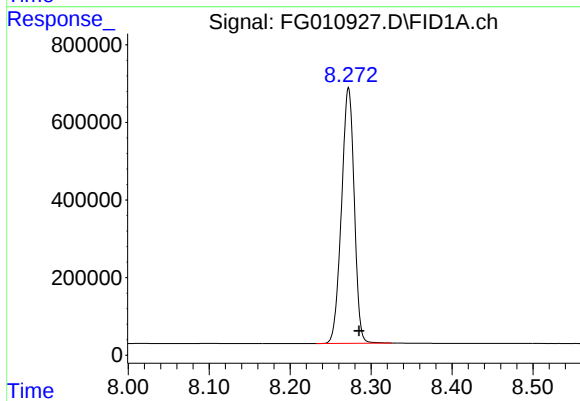
#2 N-DECANE

R.T.: 4.258 min
Delta R.T.: -0.014 min
Response: 7135428
Conc: 54.83 ug/ml



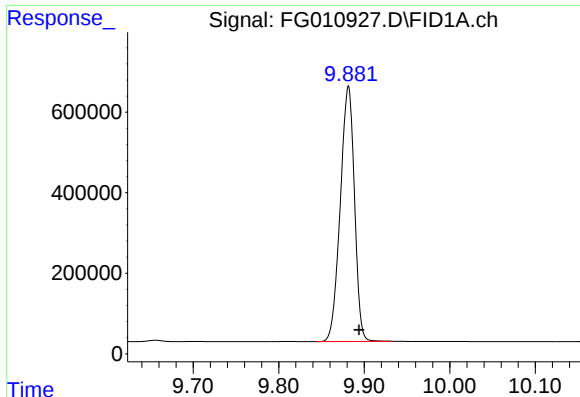
#3 N-DODECANE

R.T.: 6.441 min
Delta R.T.: -0.013 min
Response: 7222117
Conc: 54.46 ug/ml



#4 N-TETRADECANE

R.T.: 8.272 min
Delta R.T.: -0.013 min
Response: 7207450
Conc: 53.75 ug/ml



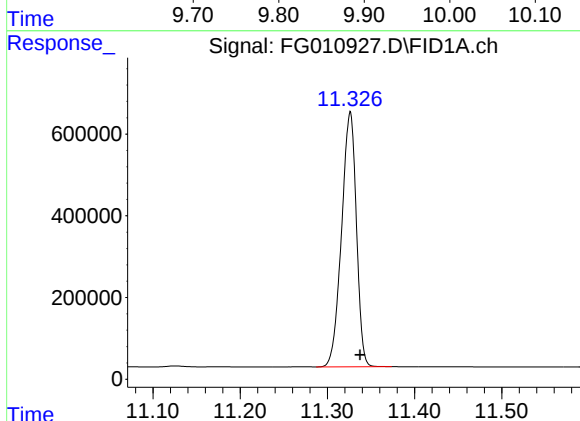
#5 N-HEXADECANE

R.T.: 9.882 min
Delta R.T.: -0.012 min
Response: 7310913
Conc: 52.73 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

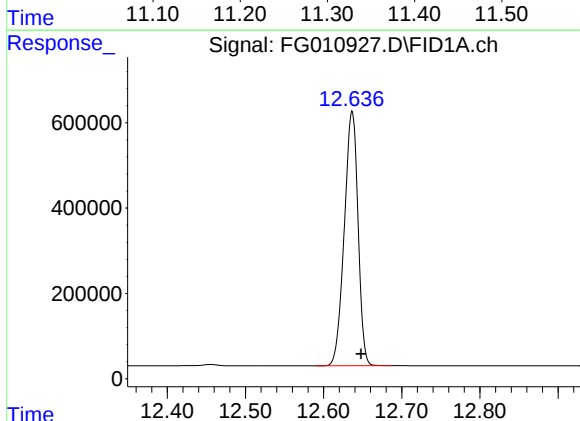
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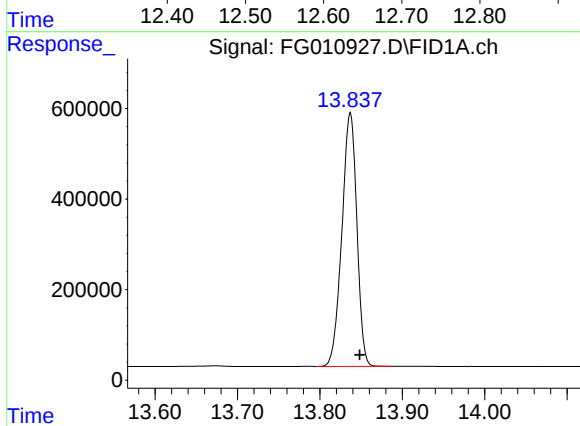
#6 N-OCTADECANE

R.T.: 11.326 min
Delta R.T.: -0.011 min
Response: 7361399
Conc: 52.23 ug/ml



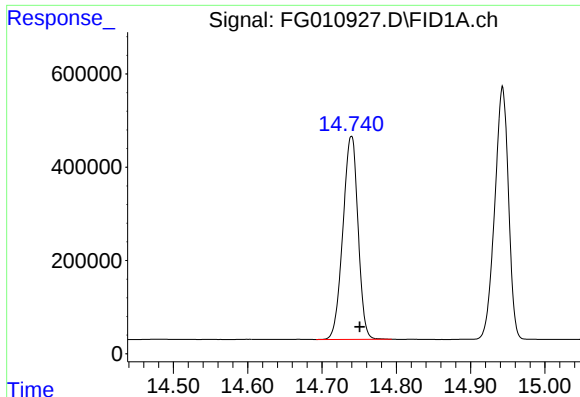
#7 N-EICOSANE

R.T.: 12.637 min
Delta R.T.: -0.011 min
Response: 7294846
Conc: 51.59 ug/ml



#8 N-DOCOSANE

R.T.: 13.837 min
Delta R.T.: -0.011 min
Response: 7068093
Conc: 51.06 ug/ml



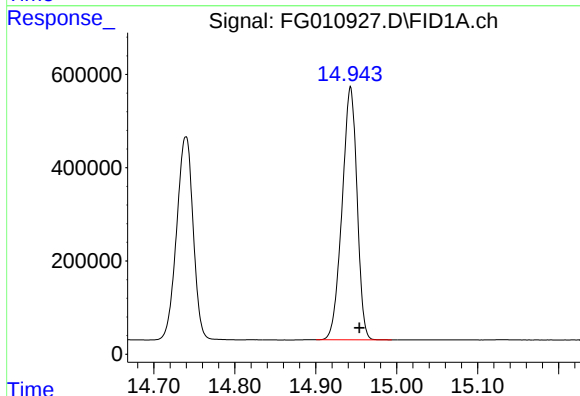
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.740 min
Delta R.T.: -0.011 min
Response: 6166571
Conc: 50.83 ug/ml

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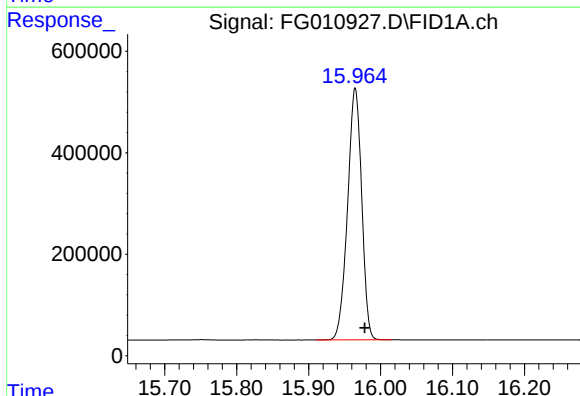
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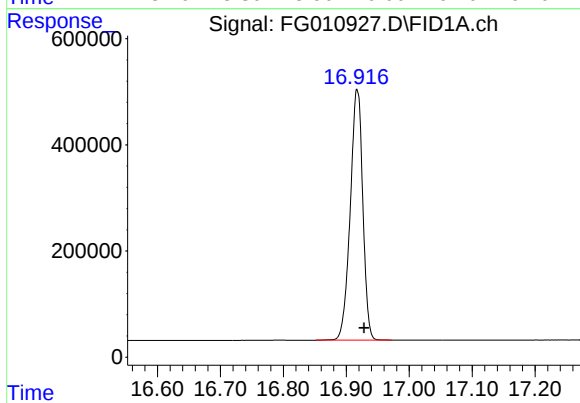
#10 N-TETRACOSANE

R.T.: 14.943 min
Delta R.T.: -0.011 min
Response: 6962413
Conc: 50.54 ug/ml



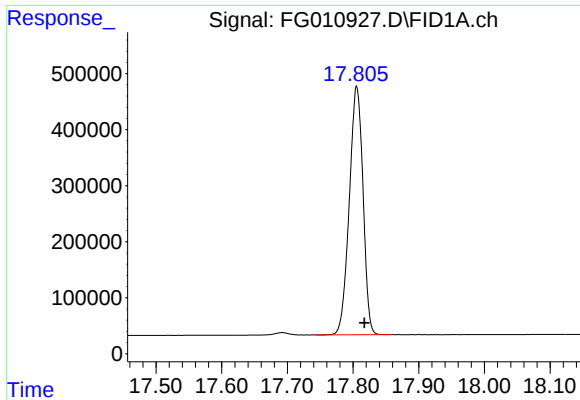
#11 N-HEXACOSANE

R.T.: 15.965 min
Delta R.T.: -0.013 min
Response: 6755292
Conc: 50.07 ug/ml



#12 N-OCTACOSANE

R.T.: 16.917 min
Delta R.T.: -0.011 min
Response: 6543289
Conc: 49.90 ug/ml



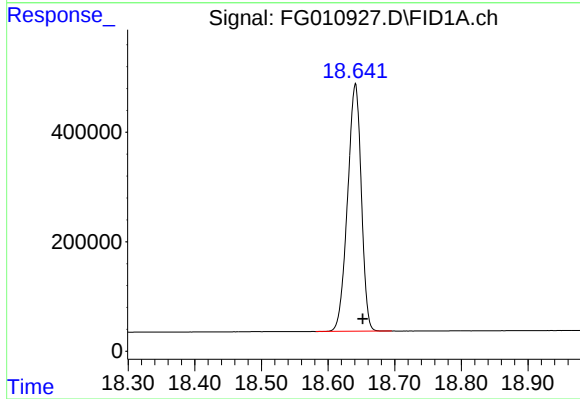
#13 N-TRIACONTANE

R.T.: 17.806 min
Delta R.T.: -0.012 min
Response: 6432438
Conc: 49.97 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

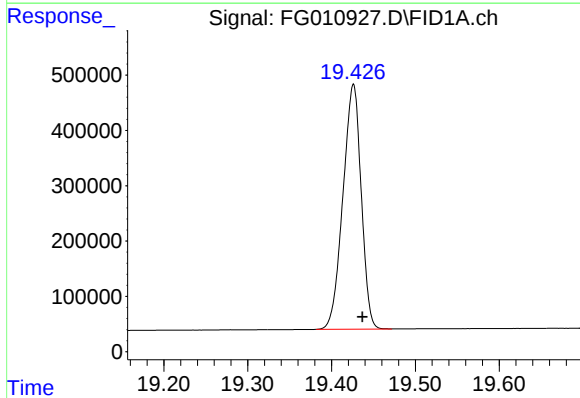
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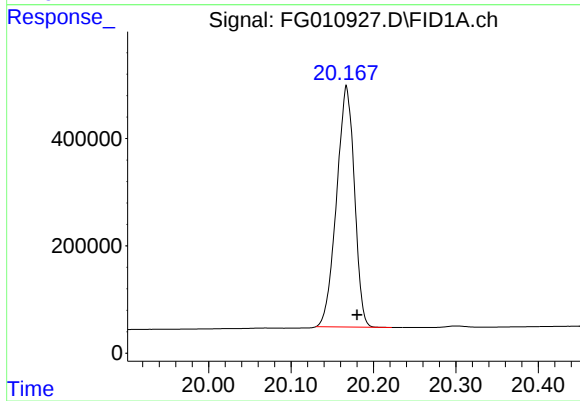
#14 N-DOTRIACONTANE

R.T.: 18.641 min
Delta R.T.: -0.011 min
Response: 6477088
Conc: 50.97 ug/ml



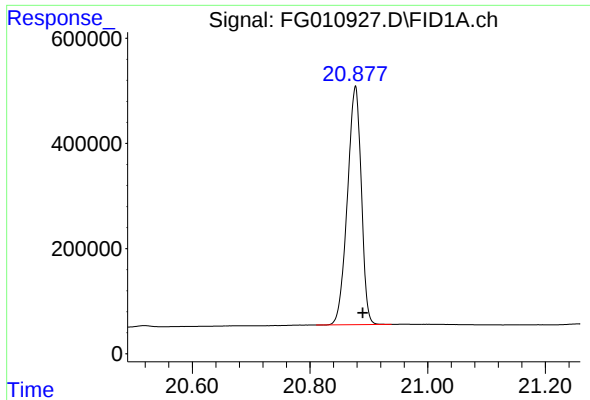
#15 N-TETRATRIACONTANE

R.T.: 19.426 min
Delta R.T.: -0.011 min
Response: 6705700
Conc: 53.42 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.167 min
Delta R.T.: -0.013 min
Response: 6747037
Conc: 56.03 ug/ml



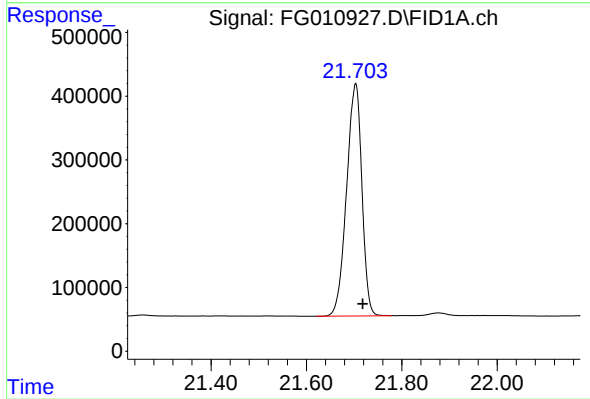
#17 N-OCTATRIACONTANE

R.T.: 20.877 min
Delta R.T.: -0.012 min
Response: 7422503
Conc: 60.39 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.703 min
Delta R.T.: -0.015 min
Response: 8121706
Conc: 64.65 ug/ml