

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG083023\
 Data File : FG012821.D
 Signal(s) : FID1A.ch
 Acq On : 30 Aug 2023 11:19
 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 08/31/2023
 Supervised By :Ankita Jodhani 08/31/2023

Integration File: autoint1.e
 Quant Time: Aug 31 00:50:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Quant Title :
 QLast Update : Wed Aug 02 18:57:31 2023
 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...	15.081	5560303	49.705 ug/mlm
Target Compounds			
1) N-OCTANE	2.077	6557528	53.261 ug/ml
2) N-DECANE	4.599	6862187	54.017 ug/ml
3) N-DODECANE	6.773	6881217	53.573 ug/ml
4) N-TETRADECANE	8.605	6829542	53.016 ug/ml
5) N-HEXADECANE	10.218	6804474	52.451 ug/ml
6) N-OCTADECANE	11.665	6798658	51.835 ug/ml
7) N-EICOSANE	12.979	6594291	51.270 ug/ml
8) N-DOCOSANE	14.179	6363627	50.316 ug/ml
10) N-TETRACOSANE	15.287	6250375	49.423 ug/ml
11) N-HEXACOSANE	16.309	6067481	48.471 ug/ml
12) N-OCTACOSANE	17.260	5920034	48.168 ug/ml
13) N-TRIACONTANE	18.150	5693739	48.076 ug/ml
14) N-DOTRIACONTANE	18.981	5176268	46.092 ug/ml
15) N-TETRATRIACONTANE	19.766	4464674	47.134 ug/ml
16) N-HEXATRIACONTANE	20.503	3764475	46.389 ug/ml
17) N-OCTATRIACONTANE	21.258	3310521	45.843 ug/ml
18) N-TETRACONTANE	22.205	3173750	45.549 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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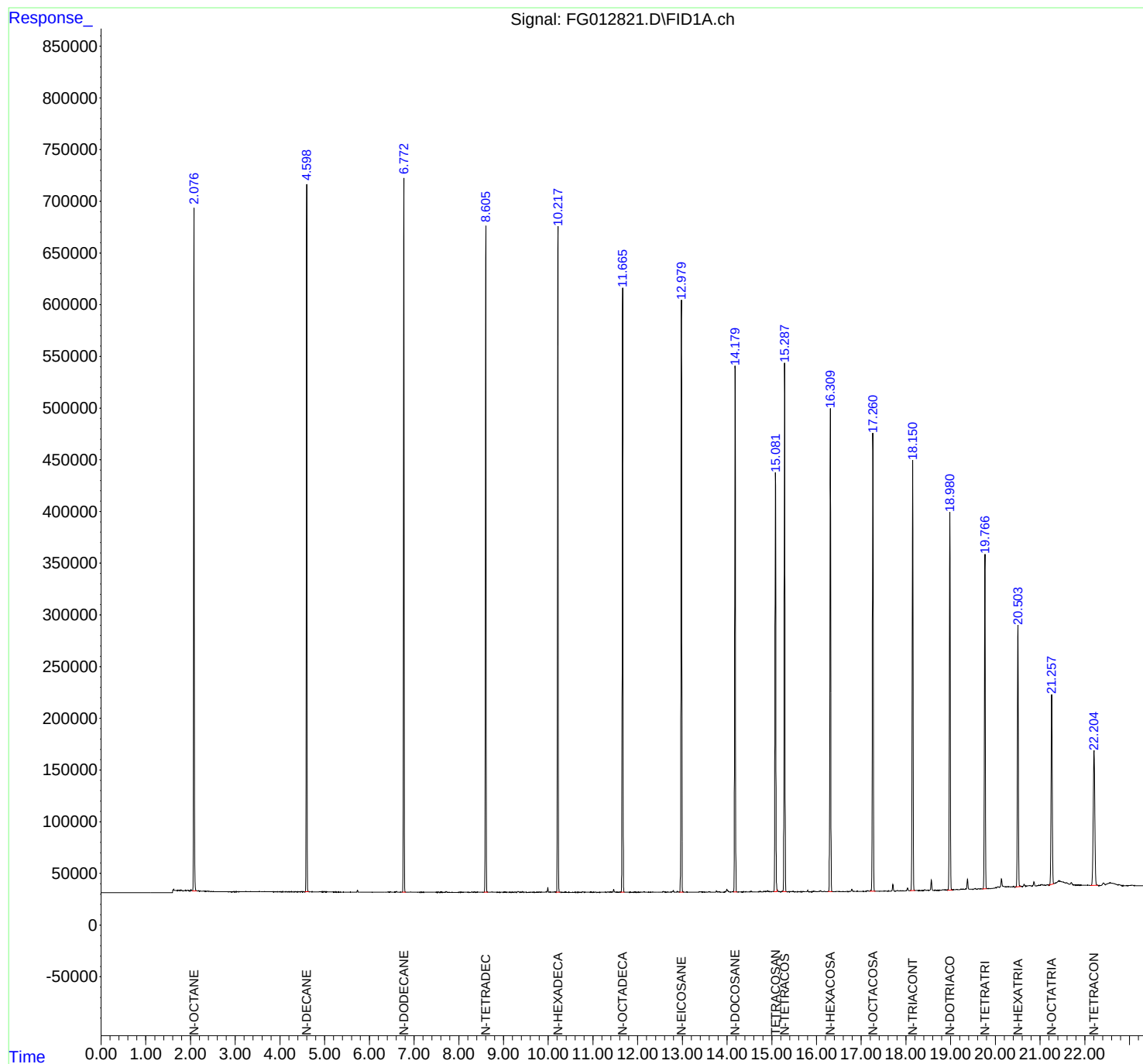
Instrument :
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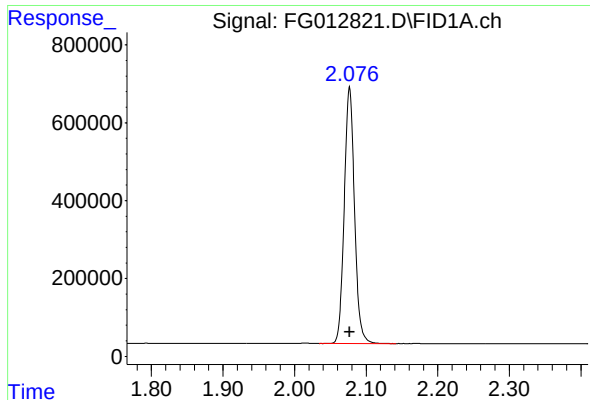
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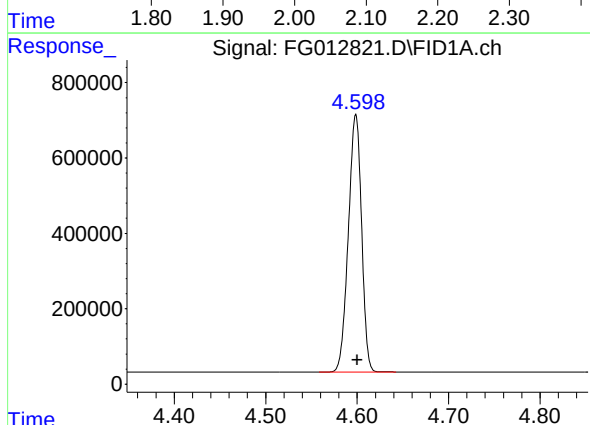
#1 N-OCTANE

R.T.: 2.077 min
Delta R.T.: 0.000 min
Response: 6557528
Conc: 53.26 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

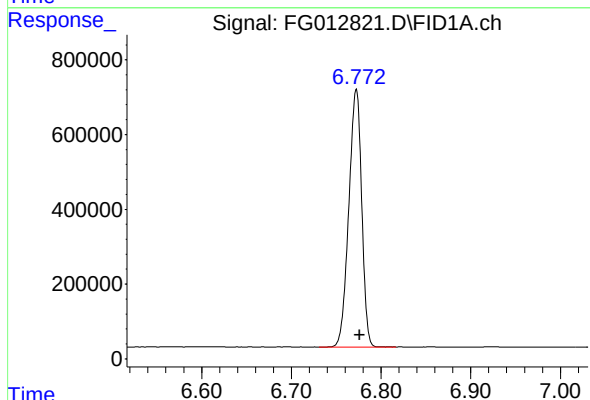
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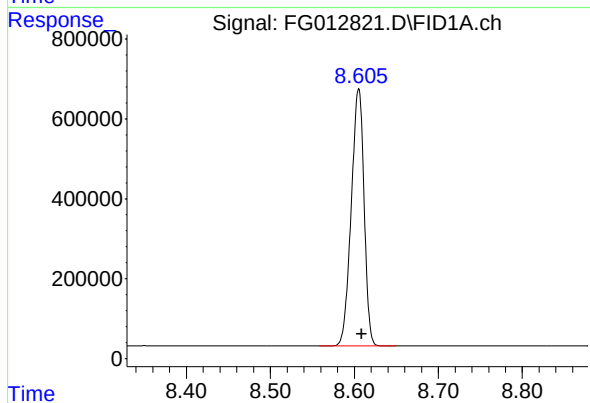
#2 N-DECANE

R.T.: 4.599 min
Delta R.T.: -0.002 min
Response: 6862187
Conc: 54.02 ug/ml



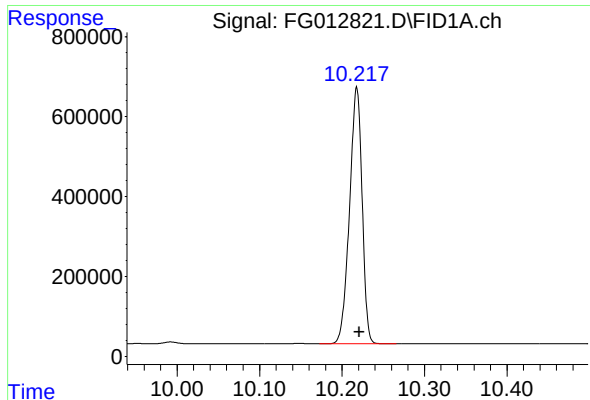
#3 N-DODECANE

R.T.: 6.773 min
Delta R.T.: -0.004 min
Response: 6881217
Conc: 53.57 ug/ml



#4 N-TETRADECANE

R.T.: 8.605 min
Delta R.T.: -0.003 min
Response: 6829542
Conc: 53.02 ug/ml



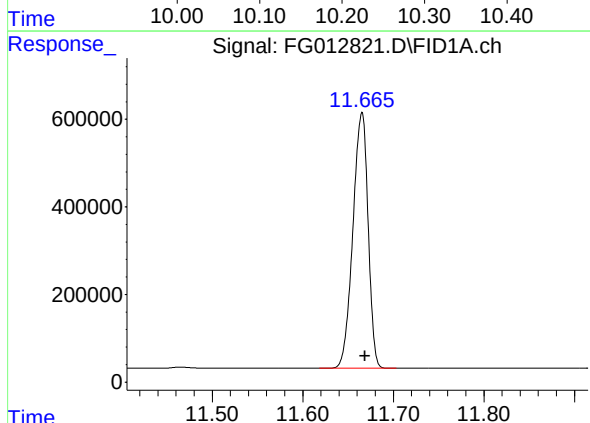
#5 N-HEXADECANE

R.T.: 10.218 min
Delta R.T.: -0.003 min
Response: 6804474
Conc: 52.45 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

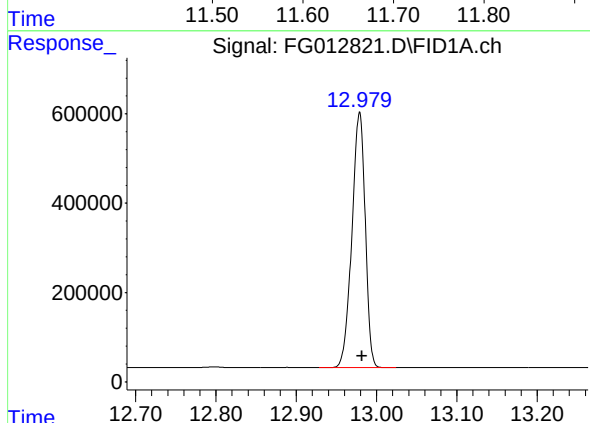
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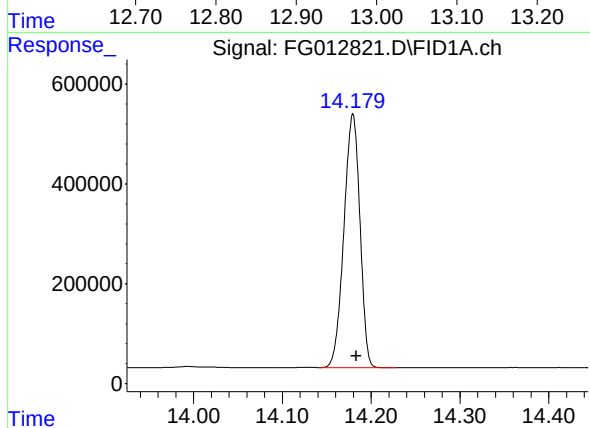
#6 N-OCTADECANE

R.T.: 11.665 min
Delta R.T.: -0.003 min
Response: 6798658
Conc: 51.84 ug/ml



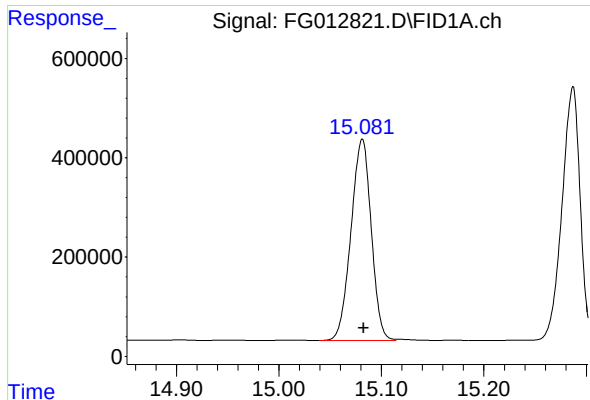
#7 N-EICOSANE

R.T.: 12.979 min
Delta R.T.: -0.003 min
Response: 6594291
Conc: 51.27 ug/ml



#8 N-DOCOSANE

R.T.: 14.179 min
Delta R.T.: -0.004 min
Response: 6363627
Conc: 50.32 ug/ml



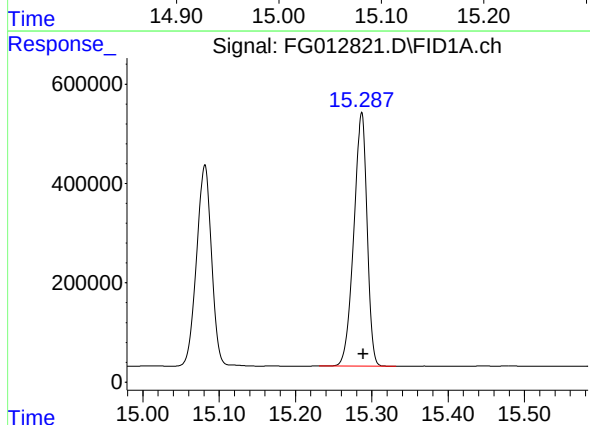
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.081 min
Delta R.T.: -0.002 min
Response: 5560303
Conc: 49.71 ug/ml

Instrument :
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50 PPM TRPH STD

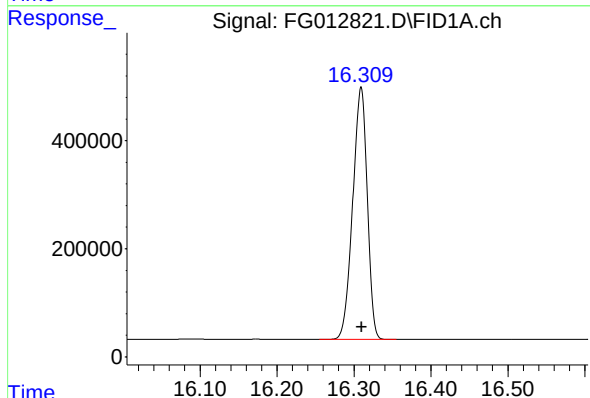
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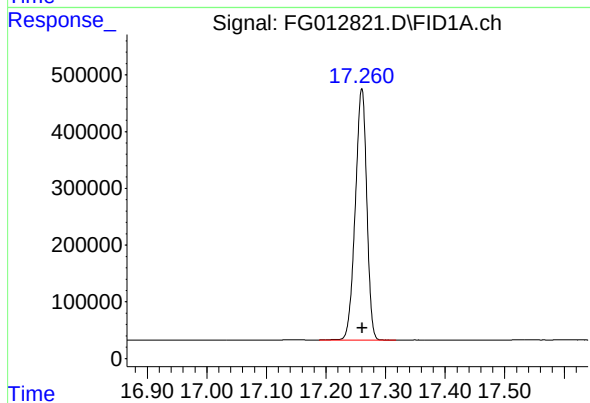
#10 N-TETRACOSANE

R.T.: 15.287 min
Delta R.T.: -0.002 min
Response: 6250375
Conc: 49.42 ug/ml



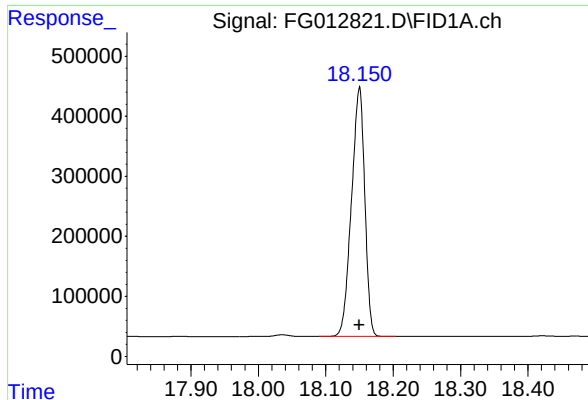
#11 N-HEXACOSANE

R.T.: 16.309 min
Delta R.T.: 0.000 min
Response: 6067481
Conc: 48.47 ug/ml



#12 N-OCTACOSANE

R.T.: 17.260 min
Delta R.T.: 0.000 min
Response: 5920034
Conc: 48.17 ug/ml



#13 N-TRIACONTANE

R.T.: 18.150 min
Delta R.T.: 0.000 min
Response: 5693739
Conc: 48.08 ug/ml

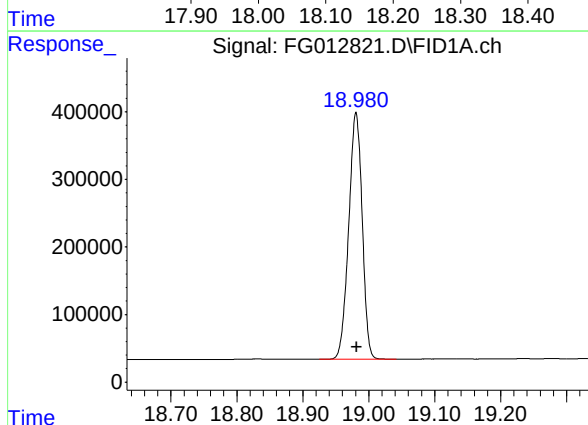
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

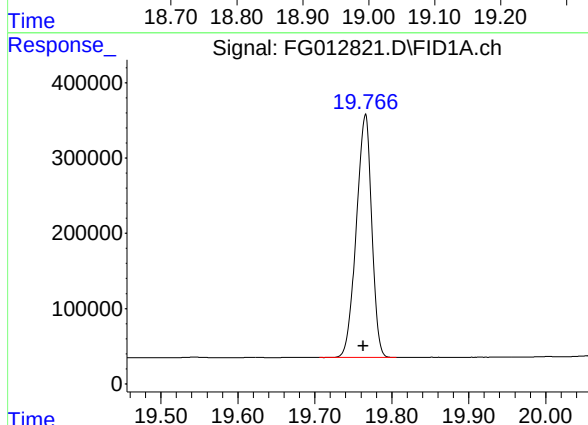
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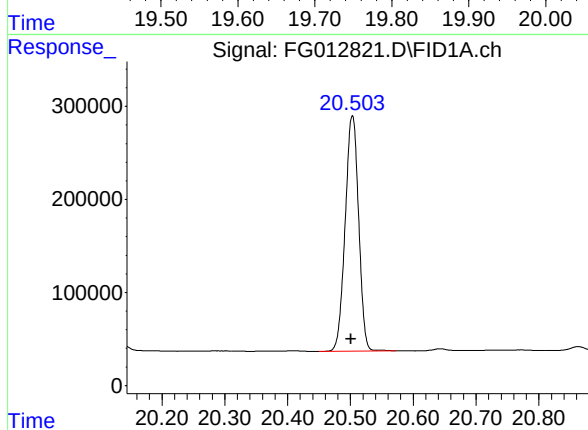
#14 N-DOTRIACONTANE

R.T.: 18.981 min
Delta R.T.: 0.000 min
Response: 5176268
Conc: 46.09 ug/ml



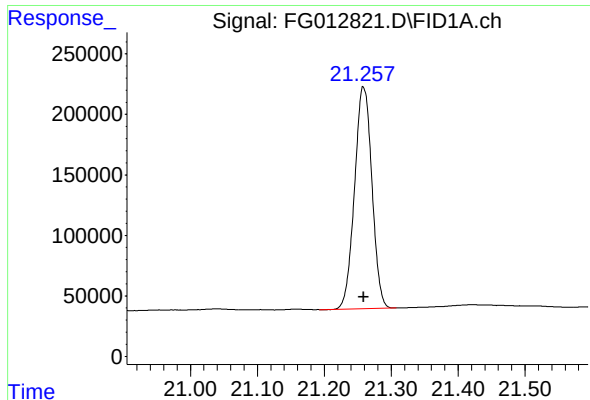
#15 N-TETRATRIACONTANE

R.T.: 19.766 min
Delta R.T.: 0.003 min
Response: 4464674
Conc: 47.13 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.503 min
Delta R.T.: 0.002 min
Response: 3764475
Conc: 46.39 ug/ml



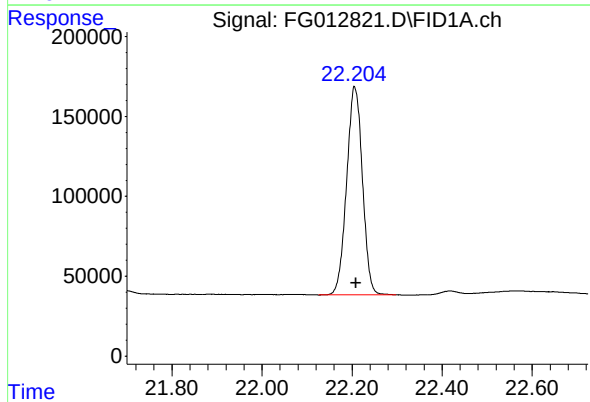
#17 N-OCTATRIACONTANE

R.T.: 21.258 min
Delta R.T.: 0.000 min
Response: 3310521
Conc: 45.84 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.205 min
Delta R.T.: -0.003 min
Response: 3173750
Conc: 45.55 ug/ml