

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080223\
 Data File : FG012608.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2023 17:55
 Operator : YP\AJ
 Sample : 10 TRPH STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :Ankita Jodhani 08/03/2023

Integration File: autoint1.e
 Quant Time: Aug 02 18:54:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Quant Title :
 QLast Update : Wed Aug 02 18:52:24 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...	15.075	1119262	10.045 ug/ml
Target Compounds			
1) N-OCTANE	2.080	1237252	9.936 ug/ml
2) N-DECANE	4.596	1277550	9.972 ug/ml
3) N-DODECANE	6.769	1293648	10.000 ug/ml
4) N-TETRADECANE	8.601	1295304	9.990 ug/ml
5) N-HEXADECANE	10.213	1304557	10.002 ug/ml
6) N-OCTADECANE	11.660	1318701	10.042 ug/ml
7) N-EICOSANE	12.974	1289537	10.019 ug/ml
8) N-DOCOSANE	14.175	1266363	10.037 ug/ml
10) N-TETRACOSANE	15.280	1264692	10.054 ug/ml
11) N-HEXACOSANE	16.303	1251803	10.071 ug/ml
12) N-OCTACOSANE	17.253	1230029	10.083 ug/ml
13) N-TRIACONTANE	18.140	1194235	10.254 ug/ml
14) N-DOTRIACONTANE	18.973	1174195	11.154 ug/ml
15) N-TETRATRIACONTANE	19.757	972374	10.563 ug/ml
16) N-HEXATRIACONTANE	20.496	832532	10.612 ug/ml
17) N-OCTATRIACONTANE	21.251	738155	10.446 ug/ml
18) N-TETRACONTANE	22.199	711499	10.522 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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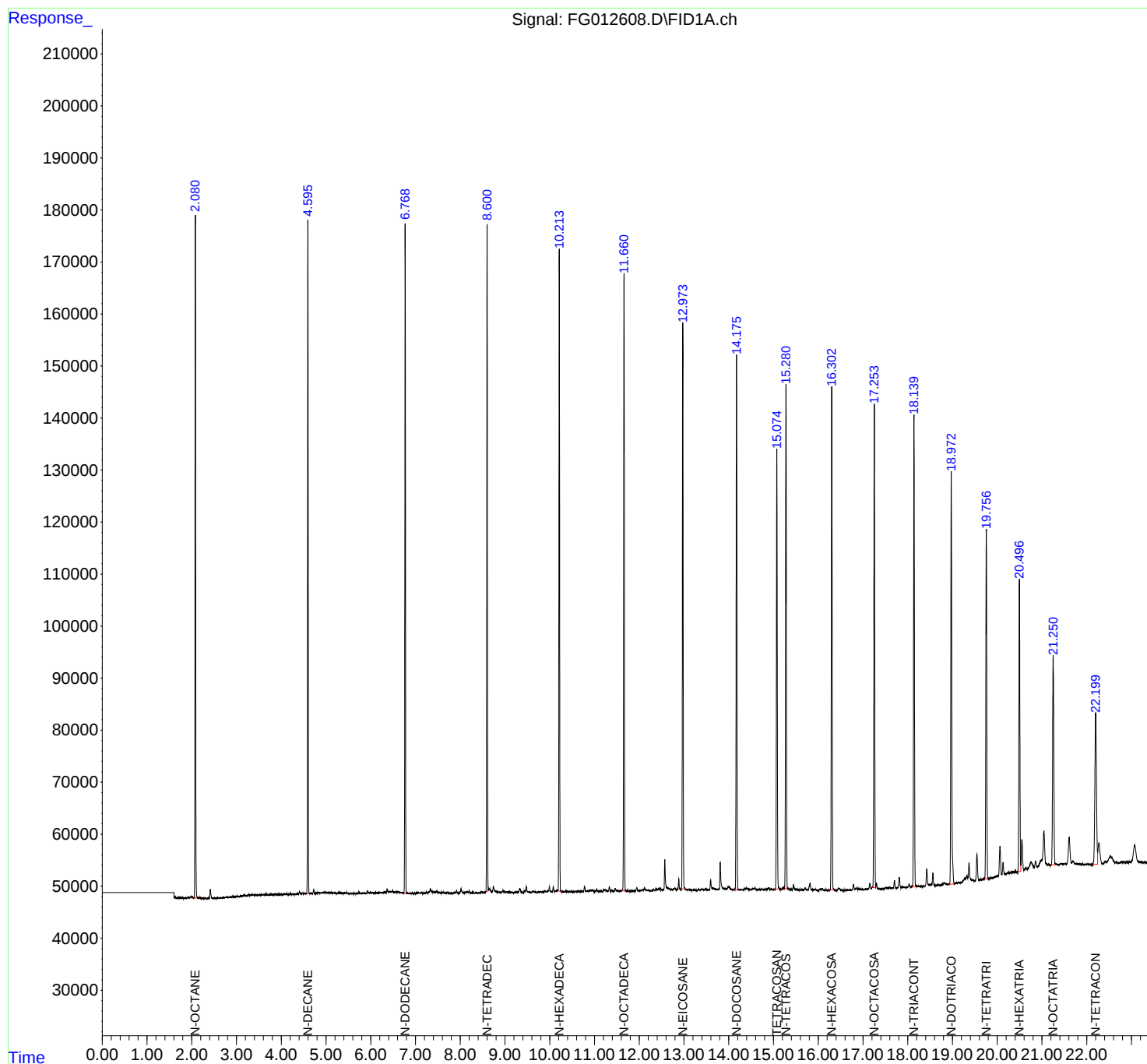
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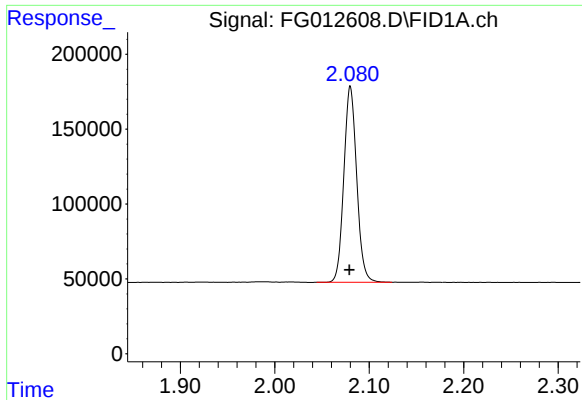
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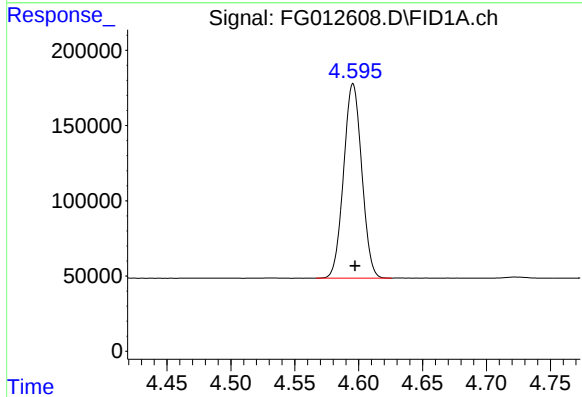
#1 N-OCTANE

R.T.: 2.080 min
Delta R.T.: 0.001 min
Response: 1237252
Conc: 9.94 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD

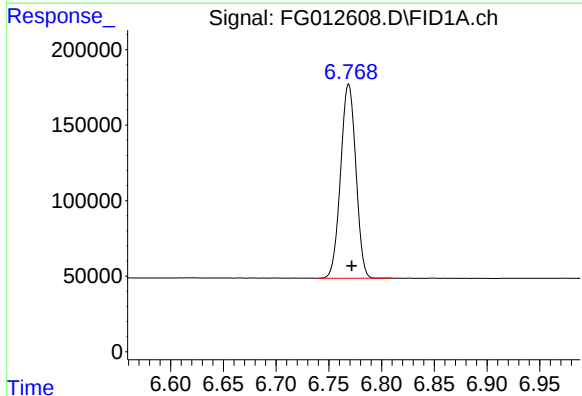
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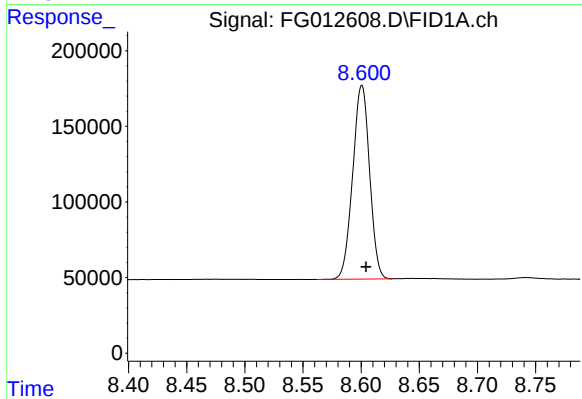
#2 N-DECANE

R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 1277550
Conc: 9.97 ug/ml



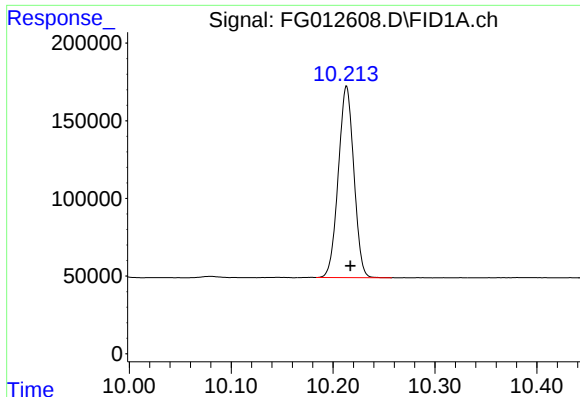
#3 N-DODECANE

R.T.: 6.769 min
Delta R.T.: -0.003 min
Response: 1293648
Conc: 10.00 ug/ml



#4 N-TETRADECANE

R.T.: 8.601 min
Delta R.T.: -0.004 min
Response: 1295304
Conc: 9.99 ug/ml



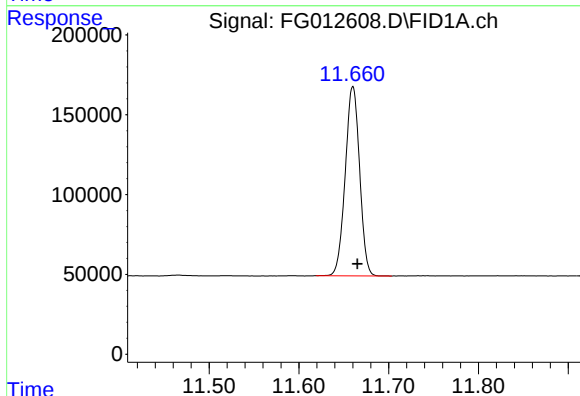
#5 N-HEXADECANE

R.T.: 10.213 min
Delta R.T.: -0.004 min
Response: 1304557
Conc: 10.00 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD

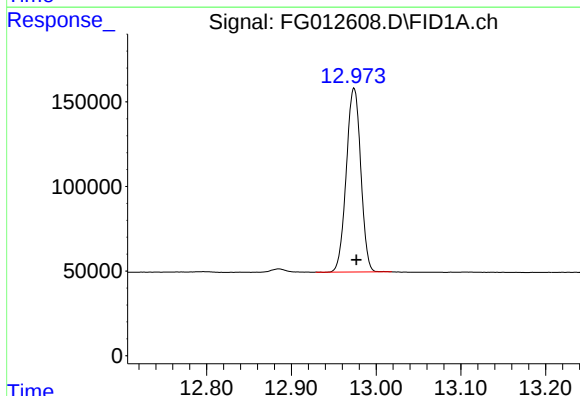
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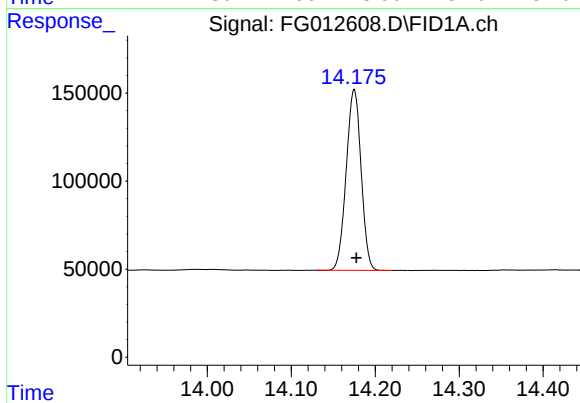
#6 N-OCTADECANE

R.T.: 11.660 min
Delta R.T.: -0.005 min
Response: 1318701
Conc: 10.04 ug/ml



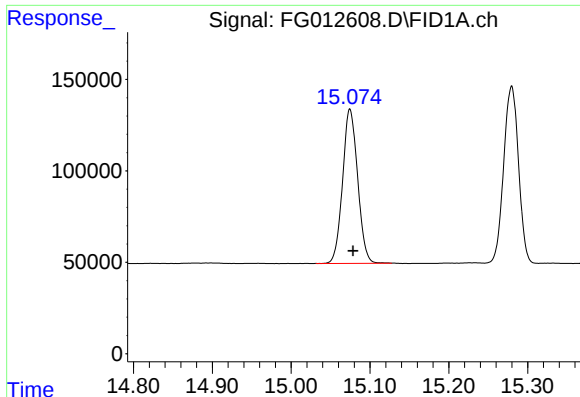
#7 N-EICOSANE

R.T.: 12.974 min
Delta R.T.: -0.003 min
Response: 1289537
Conc: 10.02 ug/ml



#8 N-DOCOSANE

R.T.: 14.175 min
Delta R.T.: -0.003 min
Response: 1266363
Conc: 10.04 ug/ml



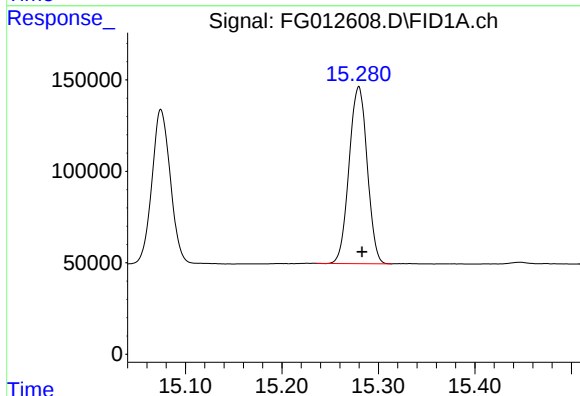
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.075 min
Delta R.T.: -0.004 min
Response: 1119262
Conc: 10.04 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD

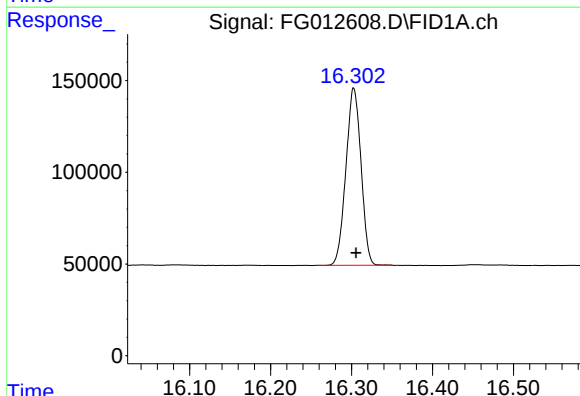
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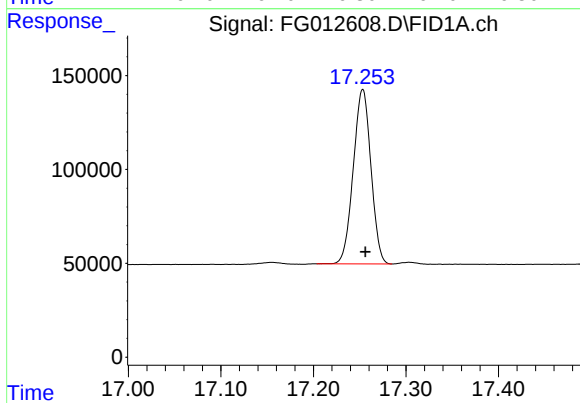
#10 N-TETRACOSANE

R.T.: 15.280 min
Delta R.T.: -0.003 min
Response: 1264692
Conc: 10.05 ug/ml



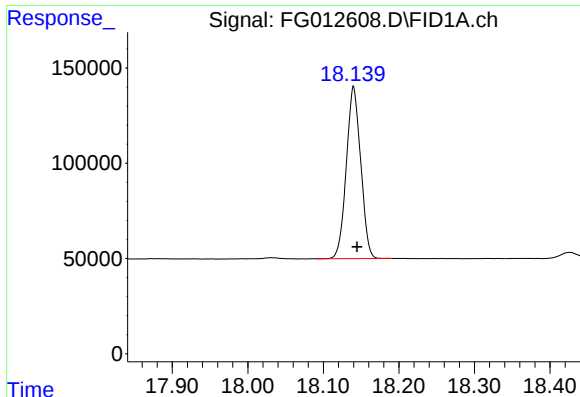
#11 N-HEXACOSANE

R.T.: 16.303 min
Delta R.T.: -0.003 min
Response: 1251803
Conc: 10.07 ug/ml



#12 N-OCTACOSANE

R.T.: 17.253 min
Delta R.T.: -0.003 min
Response: 1230029
Conc: 10.08 ug/ml



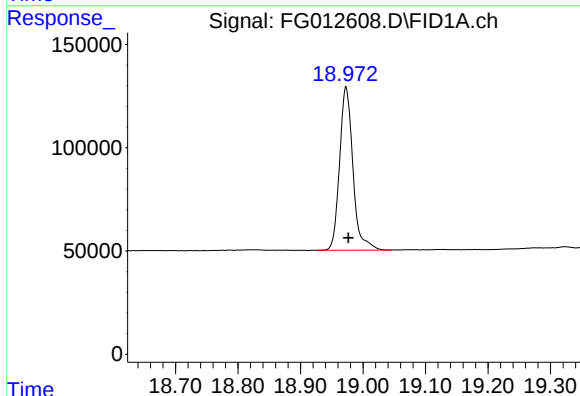
#13 N-TRIACONTANE

R.T.: 18.140 min
Delta R.T.: -0.004 min
Response: 1194235
Conc: 10.25 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD

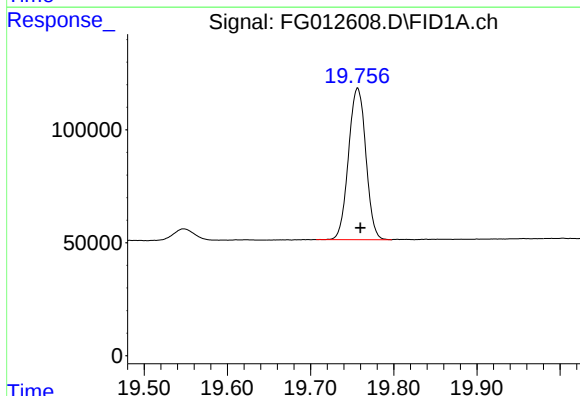
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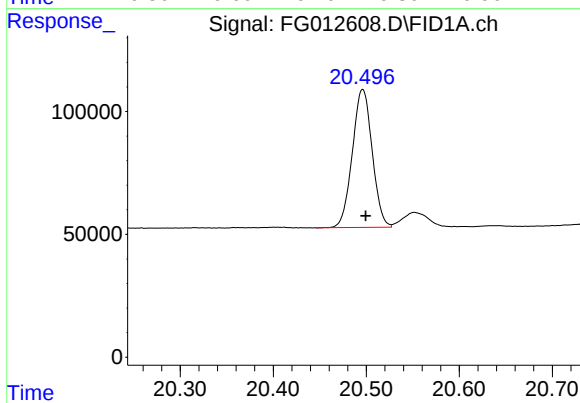
#14 N-DOTRIACONTANE

R.T.: 18.973 min
Delta R.T.: -0.004 min
Response: 1174195
Conc: 11.15 ug/ml



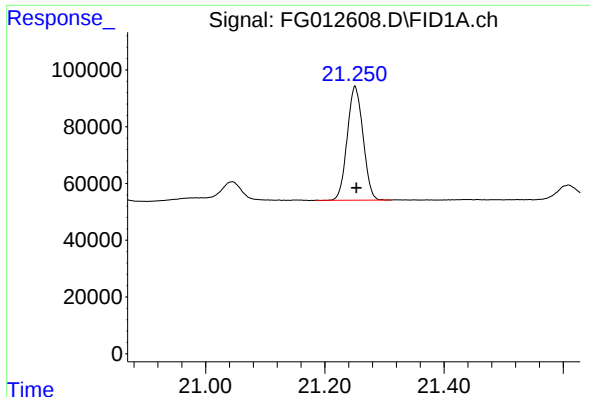
#15 N-TETRATRIACONTANE

R.T.: 19.757 min
Delta R.T.: -0.003 min
Response: 972374
Conc: 10.56 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.496 min
Delta R.T.: -0.003 min
Response: 832532
Conc: 10.61 ug/ml



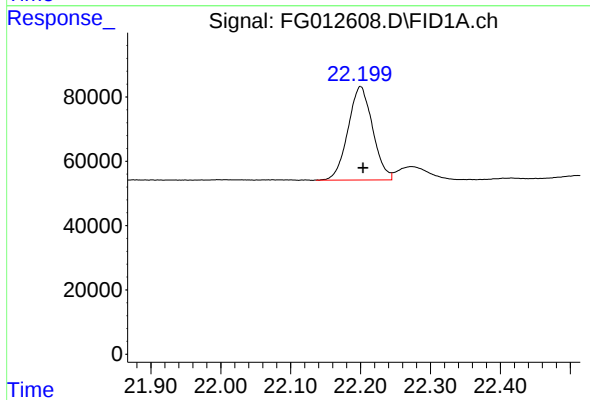
#17 N-OCTATRIACONTANE

R.T.: 21.251 min
Delta R.T.: -0.003 min
Response: 738155
Conc: 10.45 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.199 min
Delta R.T.: -0.005 min
Response: 711499
Conc: 10.52 ug/ml m