

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090123\
 Data File : FG012852.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2023 15:49
 Operator : YP\AJ
 Sample : 10 TRPH STD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Integration File: autoint1.e
 Quant Time: Aug 31 16:31:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090123.M
 Quant Title :
 QLast Update : Thu Aug 31 16:29:50 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...	15.078	1154685	10.880 ug/mlm
Target Compounds			
1) N-OCTANE	2.079	1346456	10.654 ug/ml
2) N-DECANE	4.597	1379117	10.576 ug/ml
3) N-DODECANE	6.770	1375351	10.533 ug/ml
4) N-TETRADECANE	8.603	1362518	10.515 ug/ml
5) N-HEXADECANE	10.215	1357651	10.485 ug/ml
6) N-OCTADECANE	11.662	1354388	10.477 ug/ml
7) N-EICOSANE	12.976	1315179	10.493 ug/ml
8) N-DOCOSANE	14.178	1281248	10.569 ug/ml
10) N-TETRACOSANE	15.283	1259784	10.588 ug/ml
11) N-HEXACOSANE	16.307	1225054	10.612 ug/ml
12) N-OCTACOSANE	17.258	1197027	10.646 ug/ml
13) N-TRIACONTANE	18.147	1162534	10.806 ug/ml
14) N-DOTRIACONTANE	18.981	1080274	11.010 ug/ml
15) N-TETRATRIACONTANE	19.765	950043	10.829 ug/ml
16) N-HEXATRIACONTANE	20.505	821875	10.569 ug/ml
17) N-OCTATRIACONTANE	21.262	782125	10.691 ug/ml
18) N-TETRACONTANE	22.208	797189	10.615 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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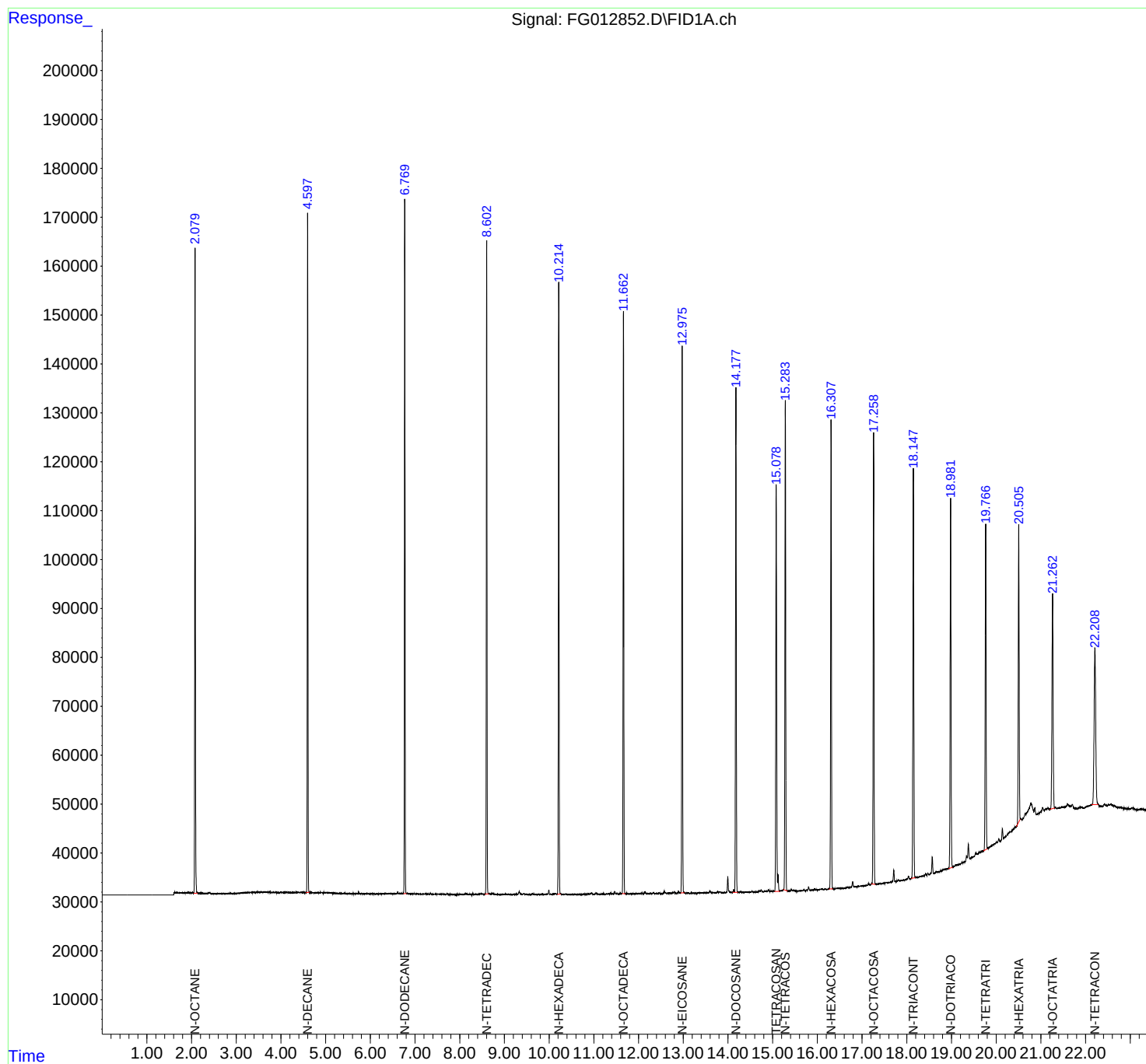
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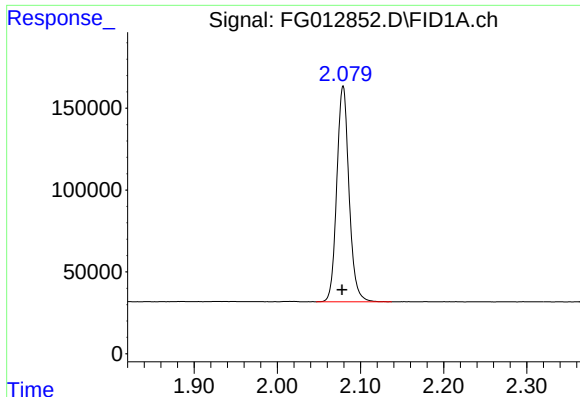
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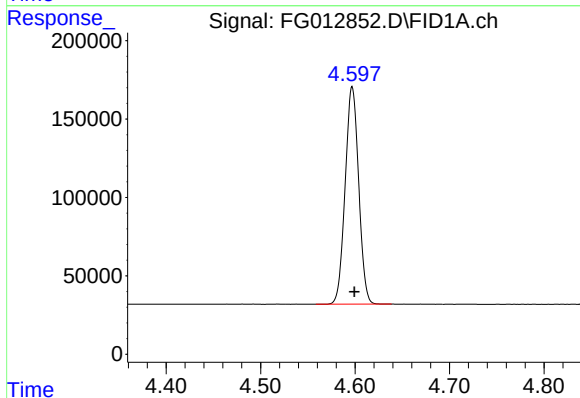
#1 N-OCTANE

R.T.: 2.079 min
Delta R.T.: 0.001 min
Response: 1346456
Conc: 10.65 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD

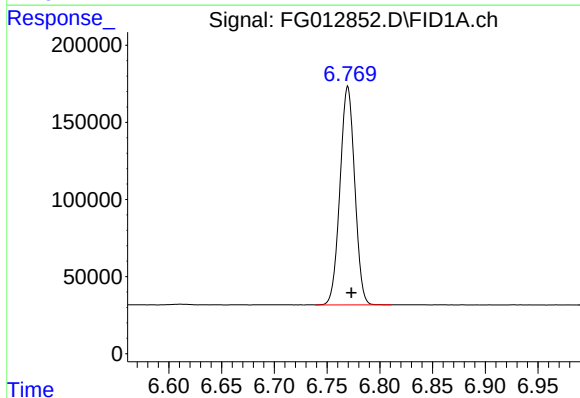
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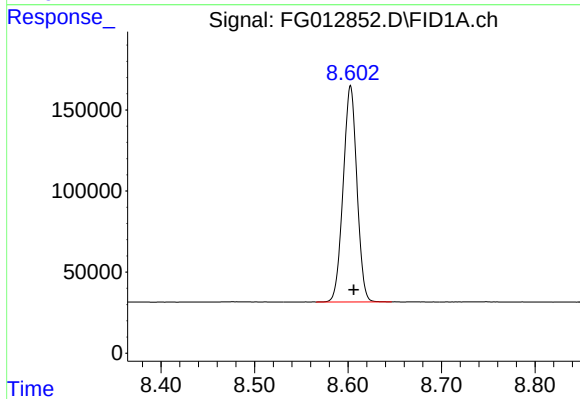
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 1379117
Conc: 10.58 ug/ml



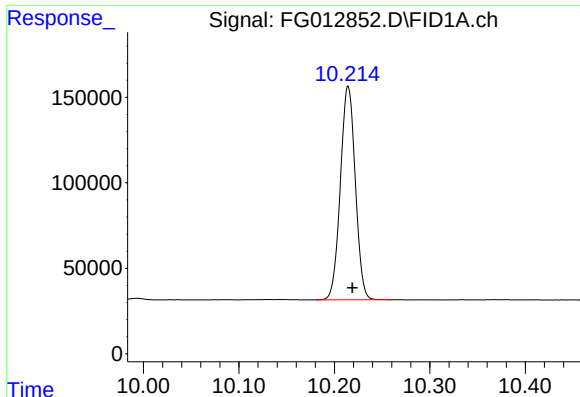
#3 N-DODECANE

R.T.: 6.770 min
Delta R.T.: -0.003 min
Response: 1375351
Conc: 10.53 ug/ml



#4 N-TETRADECANE

R.T.: 8.603 min
Delta R.T.: -0.003 min
Response: 1362518
Conc: 10.51 ug/ml



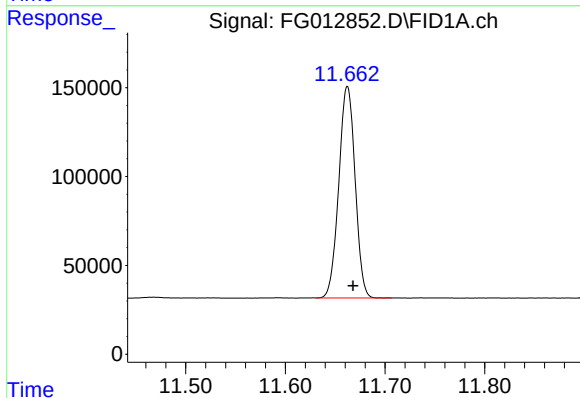
#5 N-HEXADECANE

R.T.: 10.215 min
Delta R.T.: -0.004 min
Response: 1357651
Conc: 10.48 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD

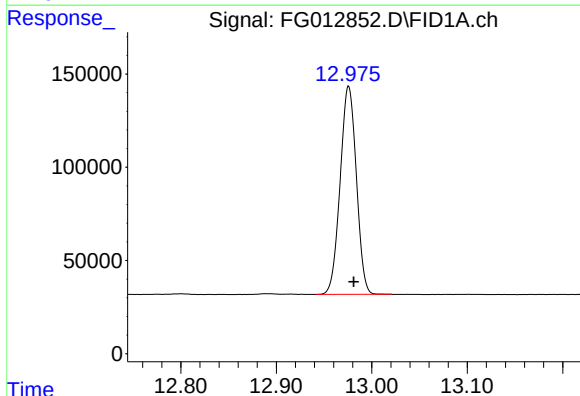
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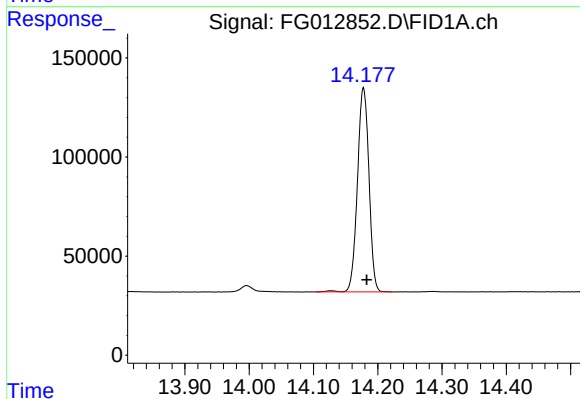
#6 N-OCTADECANE

R.T.: 11.662 min
Delta R.T.: -0.006 min
Response: 1354388
Conc: 10.48 ug/ml



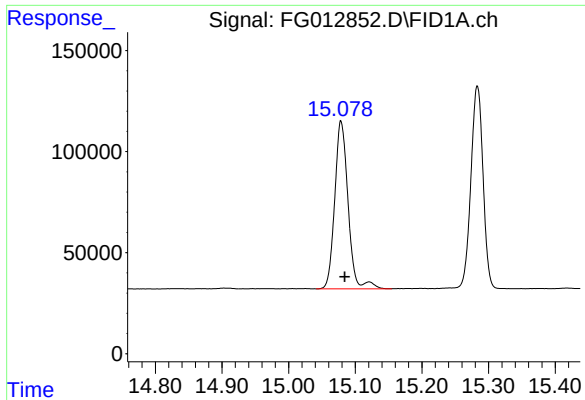
#7 N-EICOSANE

R.T.: 12.976 min
Delta R.T.: -0.005 min
Response: 1315179
Conc: 10.49 ug/ml



#8 N-DOCOSANE

R.T.: 14.178 min
Delta R.T.: -0.005 min
Response: 1281248
Conc: 10.57 ug/ml



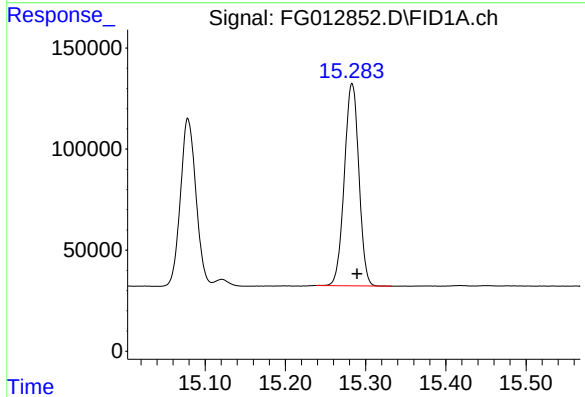
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.078 min
Delta R.T.: -0.006 min
Response: 1154685
Conc: 10.88 ug/ml

Instrument :
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10 TRPH STD

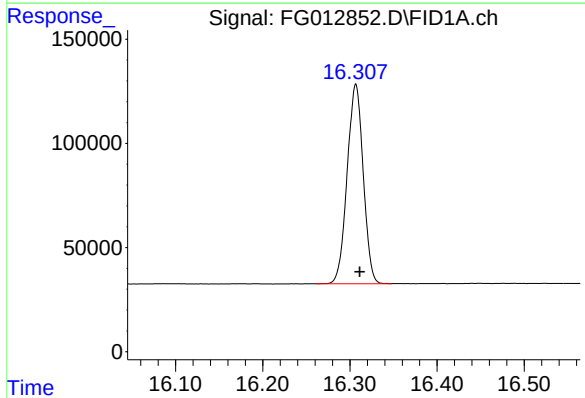
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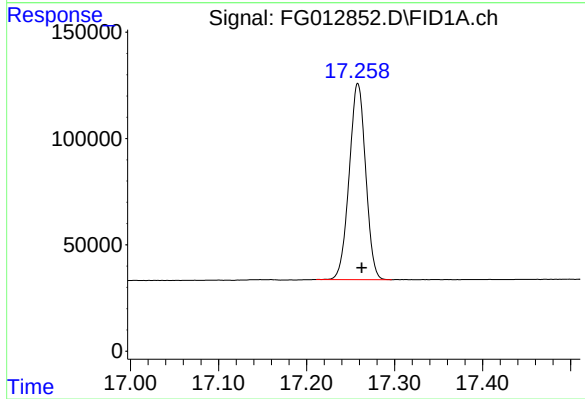
#10 N-TETRACOSANE

R.T.: 15.283 min
Delta R.T.: -0.006 min
Response: 1259784
Conc: 10.59 ug/ml



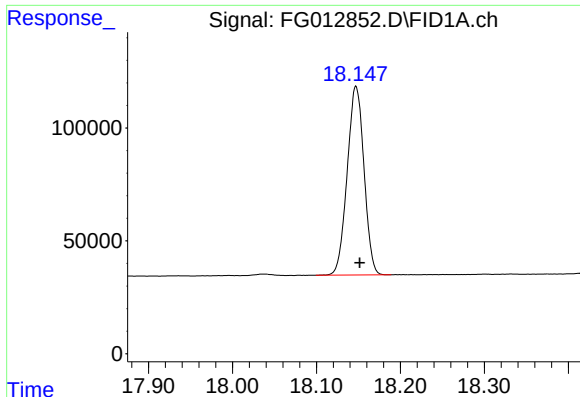
#11 N-HEXACOSANE

R.T.: 16.307 min
Delta R.T.: -0.004 min
Response: 1225054
Conc: 10.61 ug/ml



#12 N-OCTACOSANE

R.T.: 17.258 min
Delta R.T.: -0.004 min
Response: 1197027
Conc: 10.65 ug/ml



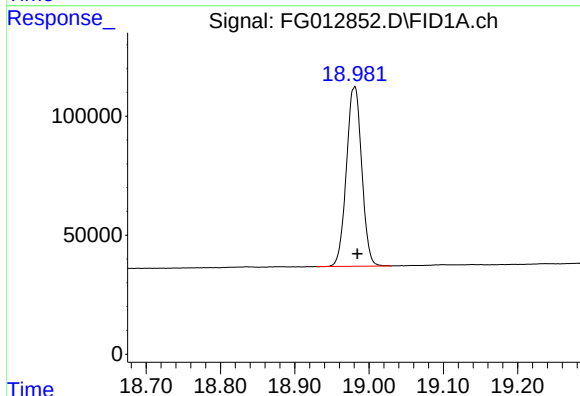
#13 N-TRIACONTANE

R.T.: 18.147 min
Delta R.T.: -0.004 min
Response: 1162534
Conc: 10.81 ug/ml

Instrument :
FID_G
ClientSampleId :
10 TRPH STD

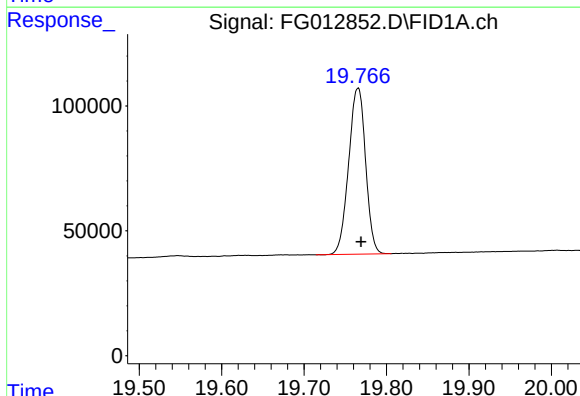
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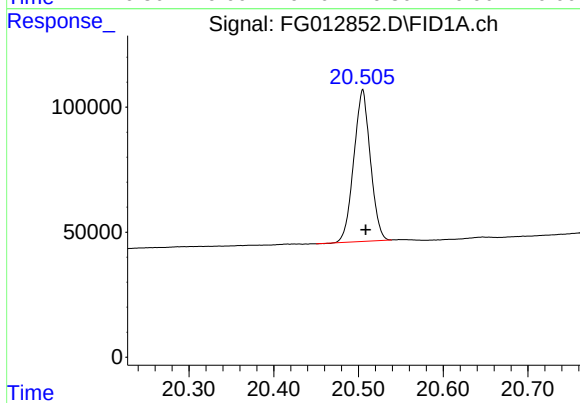
#14 N-DOTRIACONTANE

R.T.: 18.981 min
Delta R.T.: -0.004 min
Response: 1080274
Conc: 11.01 ug/ml



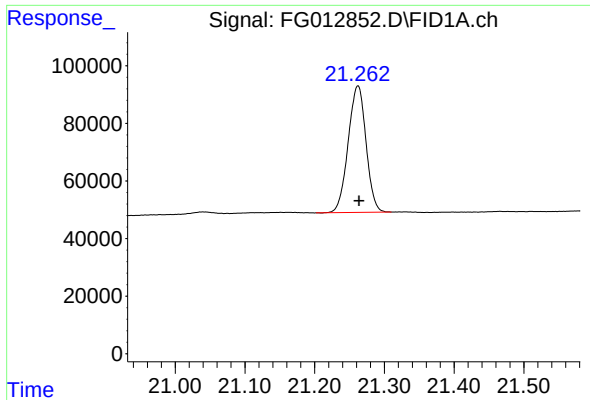
#15 N-TETRATRIACONTANE

R.T.: 19.765 min
Delta R.T.: -0.004 min
Response: 950043
Conc: 10.83 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.505 min
Delta R.T.: -0.004 min
Response: 821875
Conc: 10.57 ug/ml



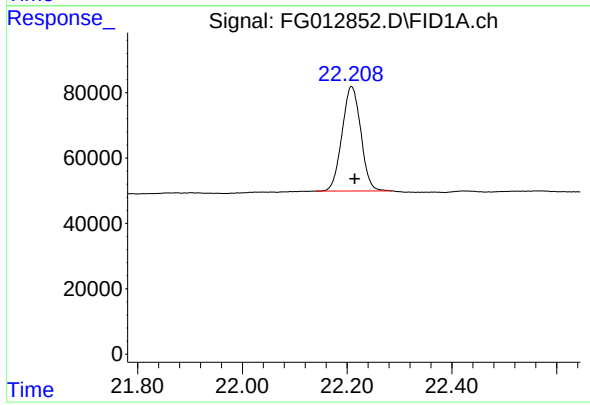
#17 N-OCTATRIACONTANE

R.T.: 21.262 min
Delta R.T.: -0.002 min
Response: 782125
Conc: 10.69 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.208 min
Delta R.T.: -0.006 min
Response: 797189
Conc: 10.62 ug/ml