

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080223\
 Data File : FG012607.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2023 17:26
 Operator : YP\AJ
 Sample : 20 TRPH STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 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 18:54:02 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...	15.077	2199271	19.737 ug/ml
Target Compounds			
1) N-OCTANE	2.080	2448069	19.660 ug/ml
2) N-DECANE	4.596	2522618	19.690 ug/ml
3) N-DODECANE	6.770	2545974	19.681 ug/ml
4) N-TETRADECANE	8.601	2552877	19.690 ug/ml
5) N-HEXADECANE	10.214	2567100	19.682 ug/ml
6) N-OCTADECANE	11.661	2587812	19.707 ug/ml
7) N-EICOSANE	12.975	2537364	19.714 ug/ml
8) N-DOCOSANE	14.175	2487345	19.715 ug/ml
10) N-TETRACOSANE	15.281	2481700	19.728 ug/ml
11) N-HEXACOSANE	16.304	2456953	19.766 ug/ml
12) N-OCTACOSANE	17.253	2407853	19.738 ug/ml
13) N-TRIACONTANE	18.143	2319226	19.914 ug/ml
14) N-DOTRIACONTANE	18.974	2164621	20.563 ug/ml
15) N-TETRATRIACONTANE	19.758	1851012	20.107 ug/ml
16) N-HEXATRIACONTANE	20.497	1591498	20.286 ug/ml
17) N-OCTATRIACONTANE	21.253	1426301	20.184 ug/ml
18) N-TETRACONTANE	22.201	1382807	20.450 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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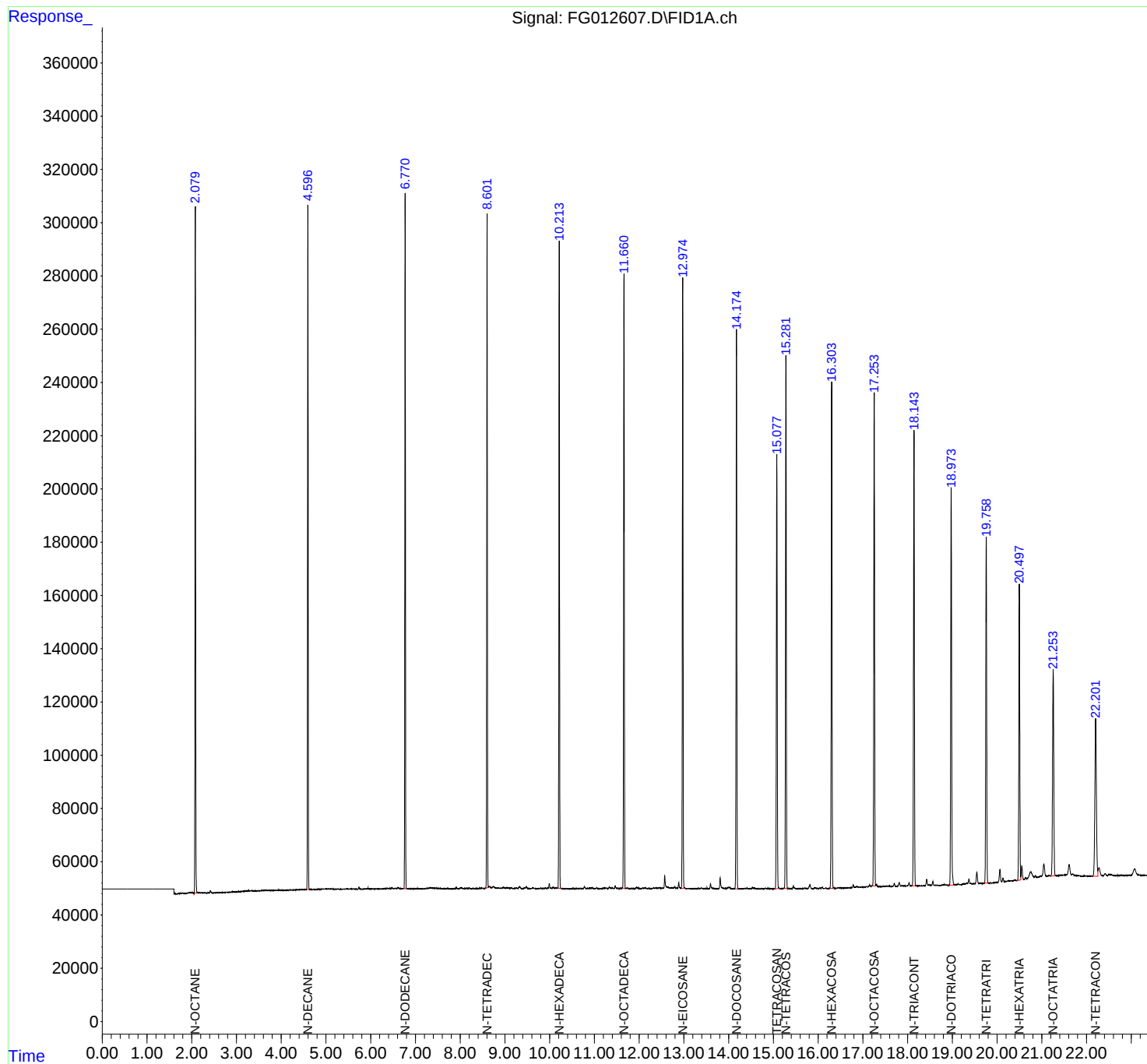
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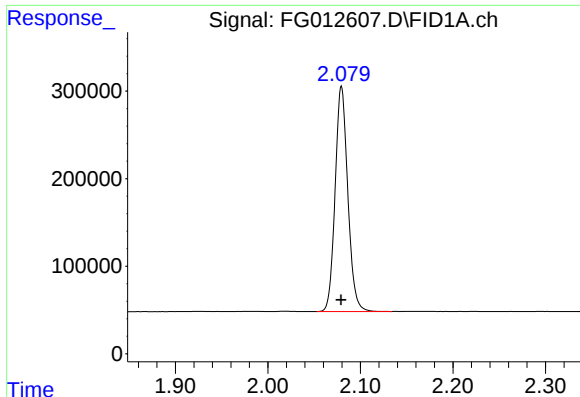
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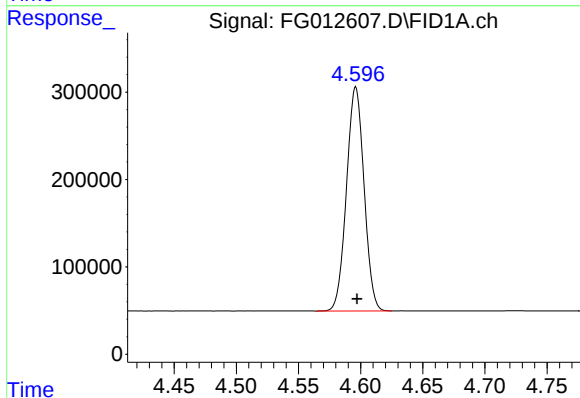
#1 N-OCTANE

R.T.: 2.080 min
Delta R.T.: 0.000 min
Response: 2448069
Conc: 19.66 ug/ml

Instrument :
FID_G
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20 TRPH STD

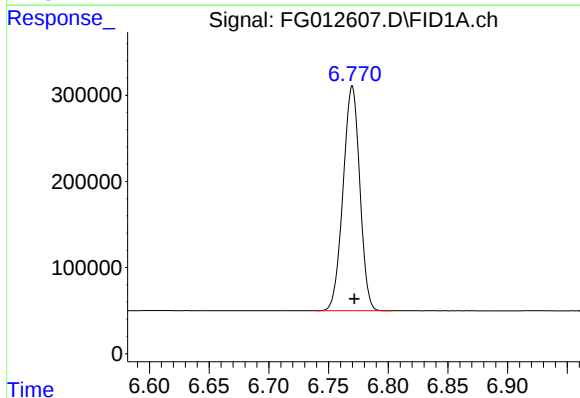
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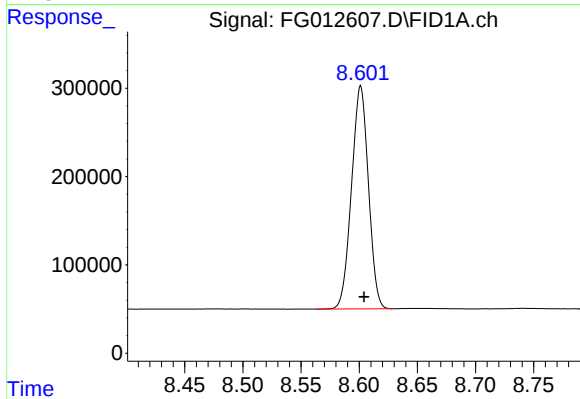
#2 N-DECANE

R.T.: 4.596 min
Delta R.T.: -0.001 min
Response: 2522618
Conc: 19.69 ug/ml



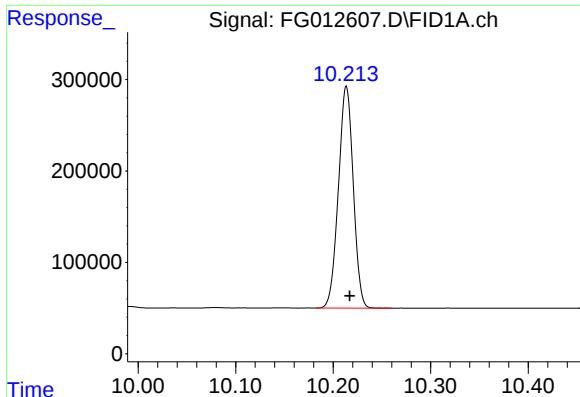
#3 N-DODECANE

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 2545974
Conc: 19.68 ug/ml



#4 N-TETRADECANE

R.T.: 8.601 min
Delta R.T.: -0.003 min
Response: 2552877
Conc: 19.69 ug/ml



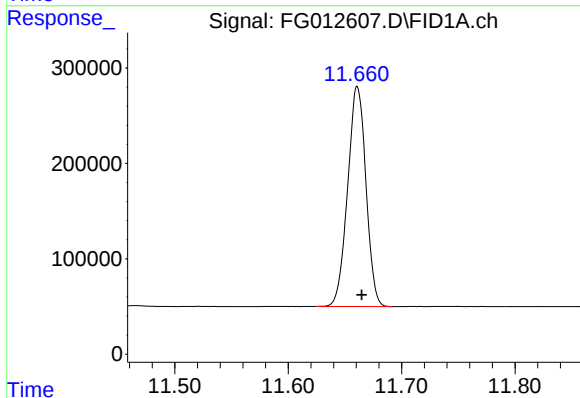
#5 N-HEXADECANE

R.T.: 10.214 min
Delta R.T.: -0.004 min
Response: 2567100
Conc: 19.68 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD

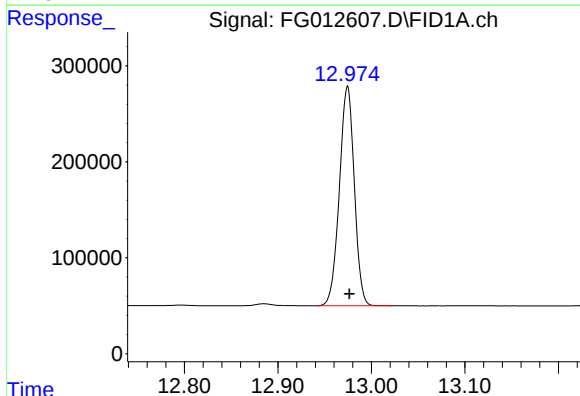
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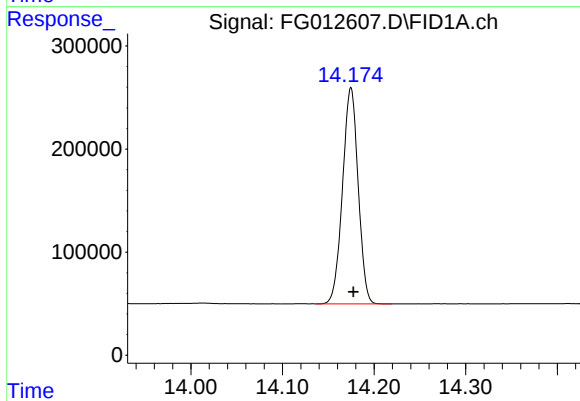
#6 N-OCTADECANE

R.T.: 11.661 min
Delta R.T.: -0.004 min
Response: 2587812
Conc: 19.71 ug/ml



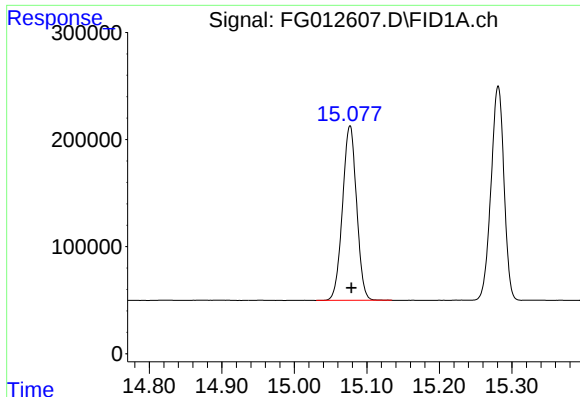
#7 N-EICOSANE

R.T.: 12.975 min
Delta R.T.: -0.002 min
Response: 2537364
Conc: 19.71 ug/ml



#8 N-DOCOSANE

R.T.: 14.175 min
Delta R.T.: -0.003 min
Response: 2487345
Conc: 19.72 ug/ml



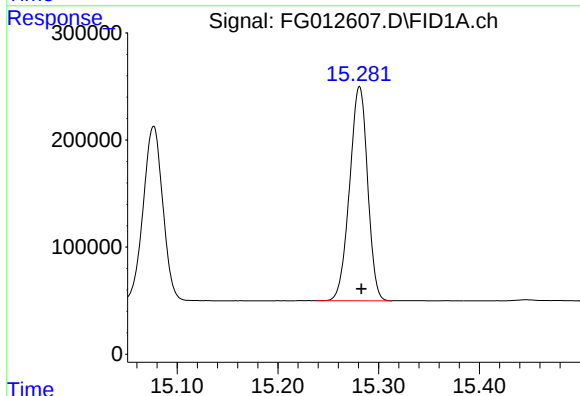
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.077 min
Delta R.T.: -0.002 min
Response: 2199271
Conc: 19.74 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD

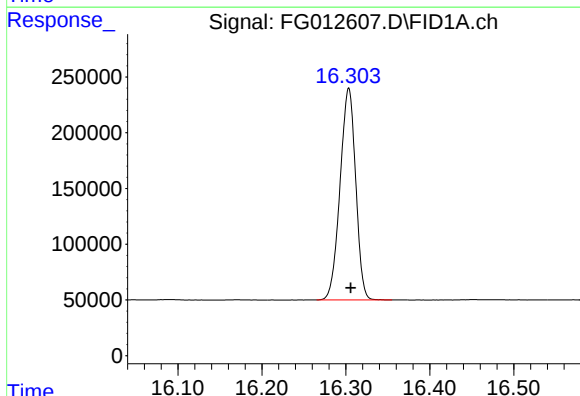
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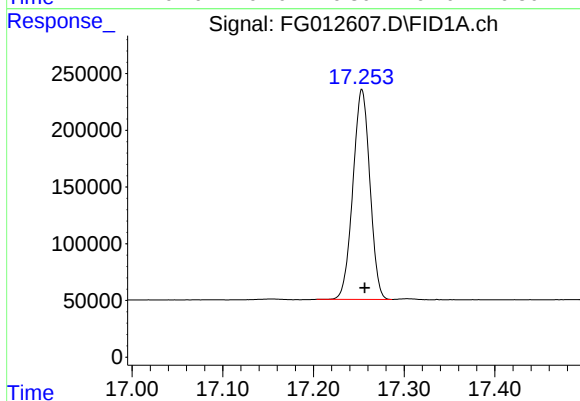
#10 N-TETRACOSANE

R.T.: 15.281 min
Delta R.T.: -0.002 min
Response: 2481700
Conc: 19.73 ug/ml



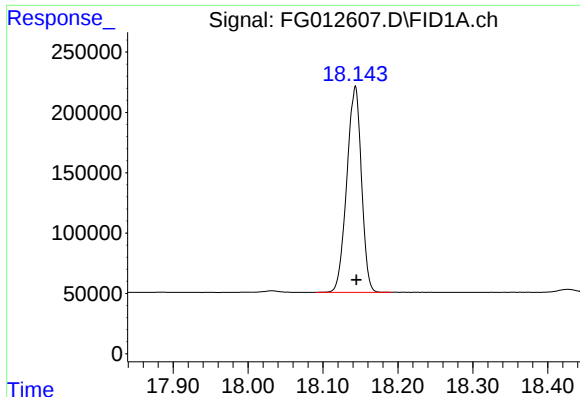
#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: -0.002 min
Response: 2456953
Conc: 19.77 ug/ml



#12 N-OCTACOSANE

R.T.: 17.253 min
Delta R.T.: -0.003 min
Response: 2407853
Conc: 19.74 ug/ml



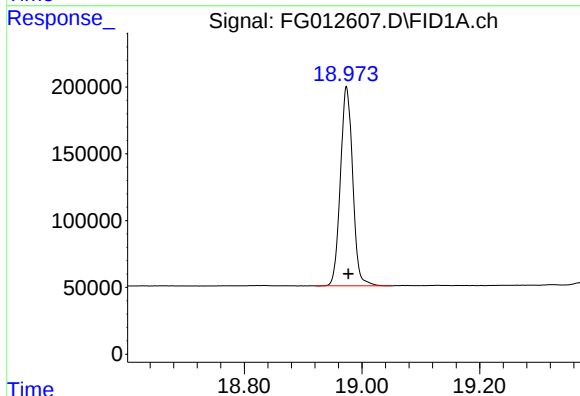
#13 N-TRIACONTANE

R.T.: 18.143 min
Delta R.T.: -0.001 min
Response: 2319226
Conc: 19.91 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD

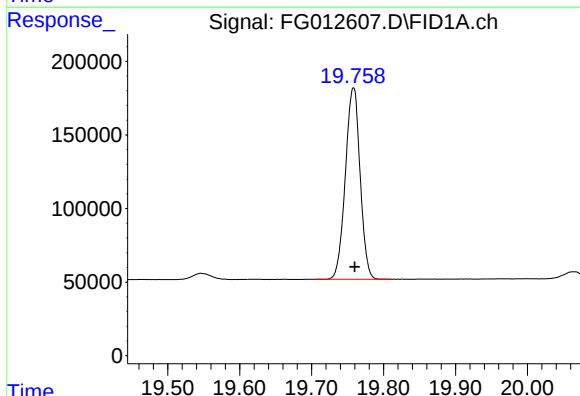
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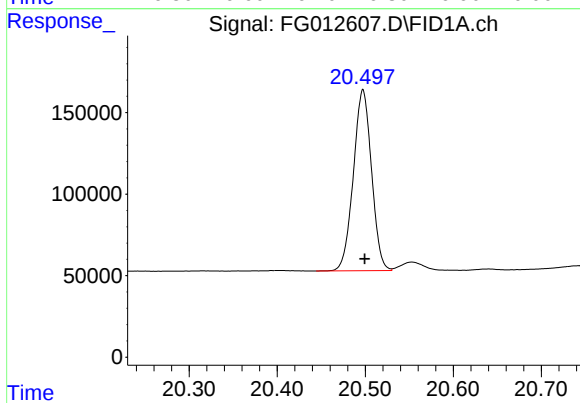
#14 N-DOTRIACONTANE

R.T.: 18.974 min
Delta R.T.: -0.003 min
Response: 2164621
Conc: 20.56 ug/ml



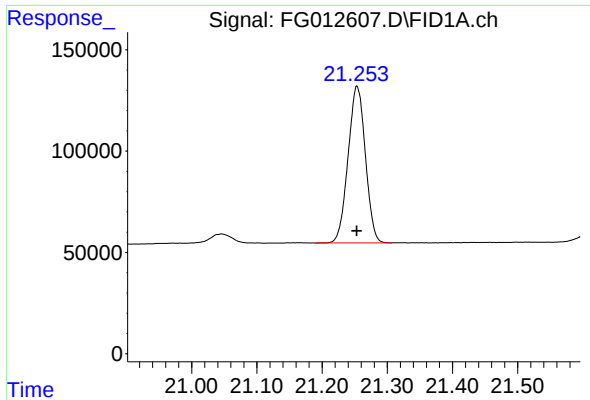
#15 N-TETRATRIACONTANE

R.T.: 19.758 min
Delta R.T.: -0.001 min
Response: 1851012
Conc: 20.11 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.497 min
Delta R.T.: -0.002 min
Response: 1591498
Conc: 20.29 ug/ml



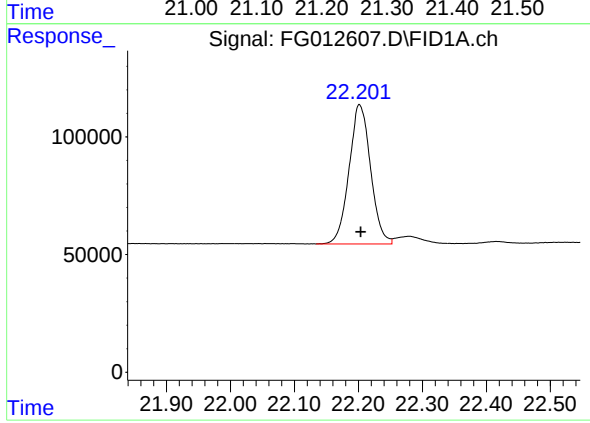
#17 N-OCTATRIACONTANE

R.T.: 21.253 min
Delta R.T.: 0.000 min
Response: 1426301
Conc: 20.18 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.201 min
Delta R.T.: -0.003 min
Response: 1382807
Conc: 20.45 ug/ml m