

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062722\
 Data File : FG010007.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2022 04:01
 Operator : AJ\MA
 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 06/28/2022
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: autoint1.e
 Quant Time: Jun 28 05:15:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060122.M
 Quant Title :
 QLast Update : Wed Jun 01 13:06:30 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...	14.822	5896406	56.020 ug/mlm
Target Compounds			
1) N-OCTANE	1.835	5862387	46.784 ug/ml
2) N-DECANE	4.345	6644128	52.611 ug/ml
3) N-DODECANE	6.525	6745154	53.467 ug/ml
4) N-TETRADECANE	8.355	6873448	54.095 ug/ml
5) N-HEXADECANE	9.964	6941266	55.033 ug/ml
6) N-OCTADECANE	11.408	6994036	55.414 ug/ml
7) N-EICOSANE	12.721	6854058	56.042 ug/ml
8) N-DOCOSANE	13.921	6762218	56.080 ug/ml
10) N-TETRACOSANE	15.027	6601010	56.322 ug/ml
11) N-HEXACOSANE	16.049	6394969	56.370 ug/ml
12) N-OCTACOSANE	17.001	6240079	54.531 ug/ml
13) N-TRIACONTANE	17.889	6175272	57.349 ug/ml
14) N-DOTRIACONTANE	18.724	5895032	56.005 ug/ml
15) N-TETRATRIACONTANE	19.509	5452732	56.790 ug/mlm
16) N-HEXATRIACONTANE	20.249	4631519	57.309 ug/mlm
17) N-OCTATRIACONTANE	20.967	4282336	59.630 ug/mlm
18) N-TETRACONTANE	21.819	4537615	64.618 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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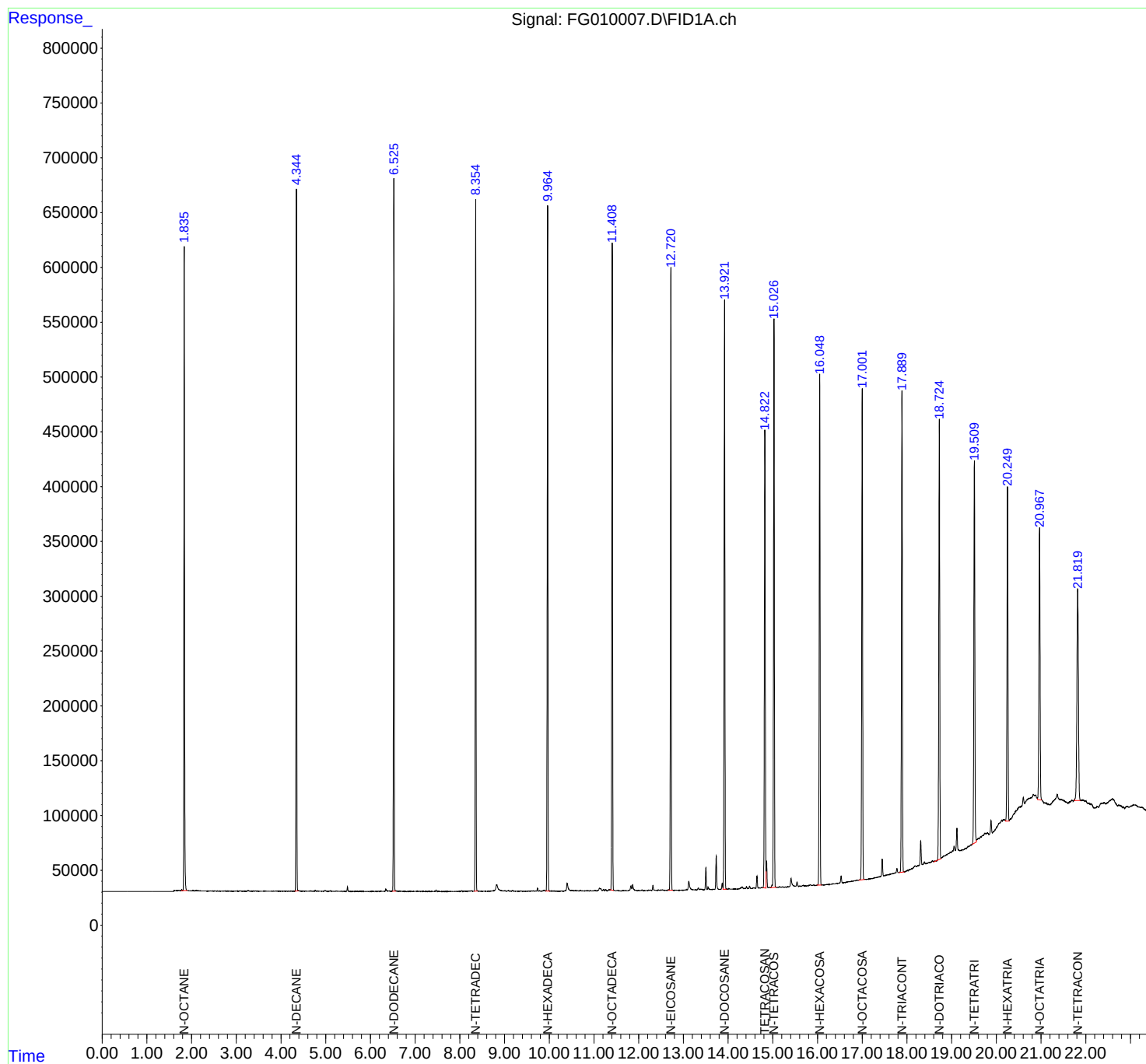
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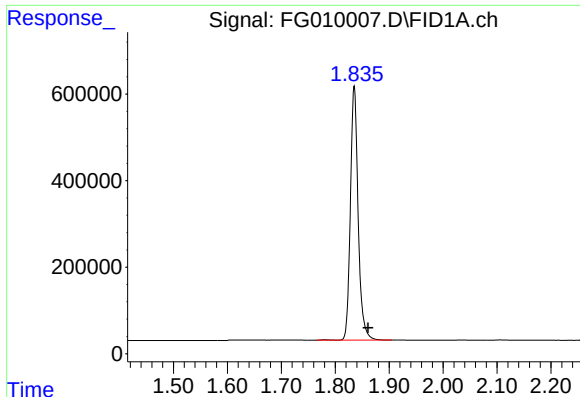
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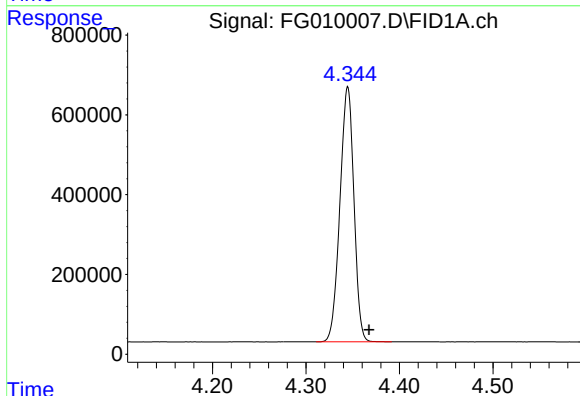
#1 N-OCTANE

R.T.: 1.835 min
Delta R.T.: -0.026 min
Response: 5862387
Conc: 46.78 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

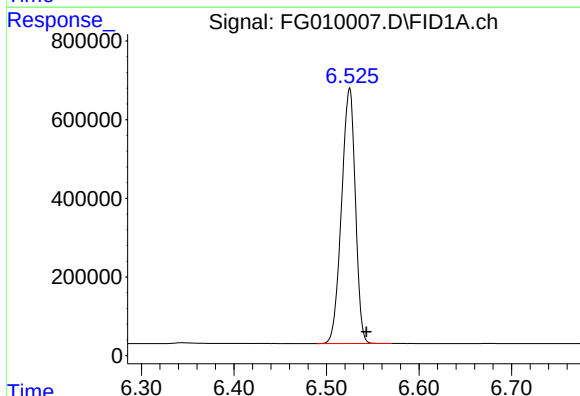
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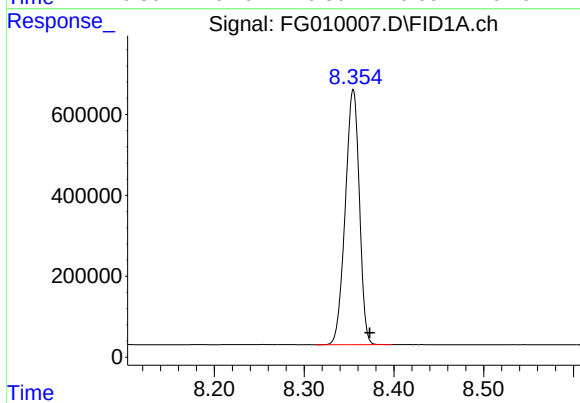
#2 N-DECANE

R.T.: 4.345 min
Delta R.T.: -0.023 min
Response: 6644128
Conc: 52.61 ug/ml



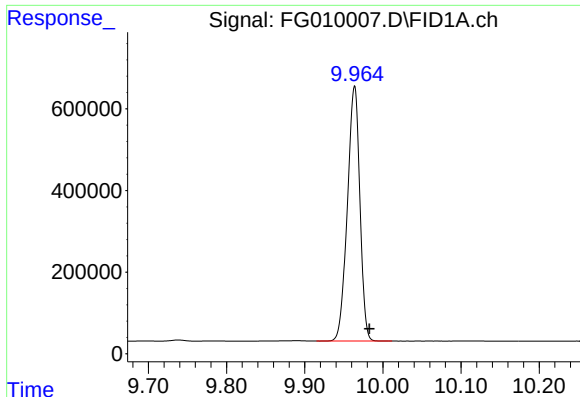
#3 N-DODECANE

R.T.: 6.525 min
Delta R.T.: -0.018 min
Response: 6745154
Conc: 53.47 ug/ml



#4 N-TETRADECANE

R.T.: 8.355 min
Delta R.T.: -0.019 min
Response: 6873448
Conc: 54.09 ug/ml



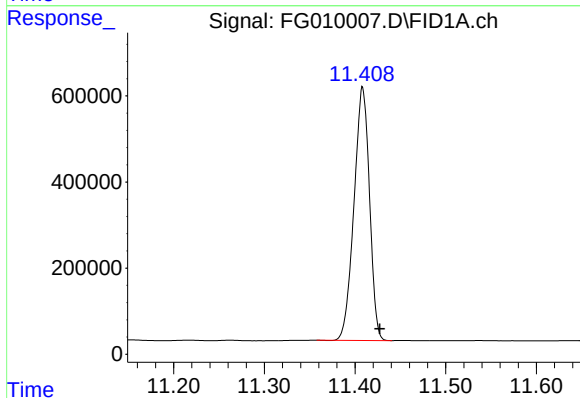
#5 N-HEXADECANE

R.T.: 9.964 min
Delta R.T.: -0.019 min
Response: 6941266
Conc: 55.03 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

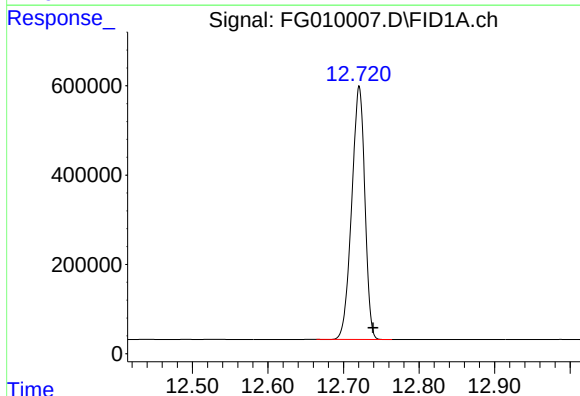
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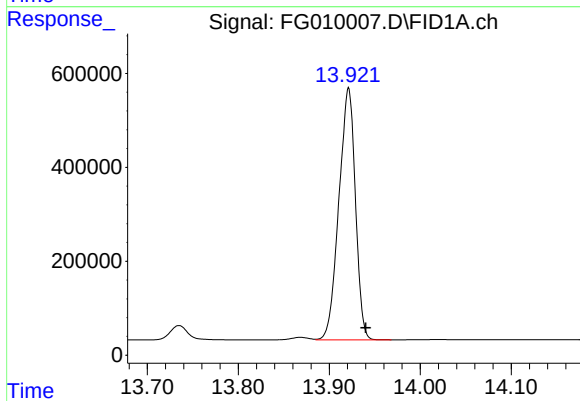
#6 N-OCTADECANE

R.T.: 11.408 min
Delta R.T.: -0.019 min
Response: 6994036
Conc: 55.41 ug/ml



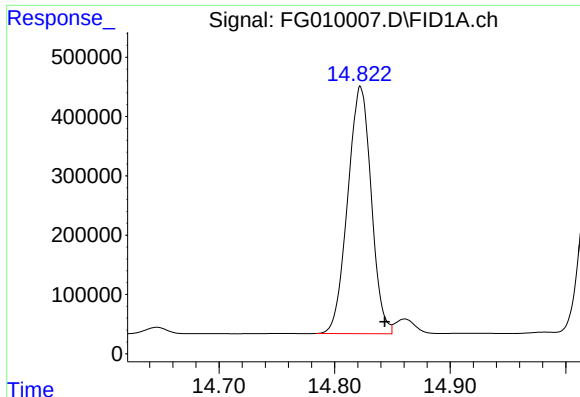
#7 N-EICOSANE

R.T.: 12.721 min
Delta R.T.: -0.018 min
Response: 6854058
Conc: 56.04 ug/ml



#8 N-DOCOSANE

R.T.: 13.921 min
Delta R.T.: -0.019 min
Response: 6762218
Conc: 56.08 ug/ml



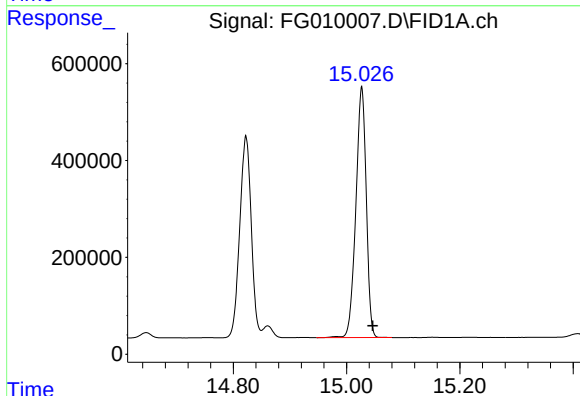
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.822 min
Delta R.T.: -0.022 min
Response: 5896406
Conc: 56.02 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

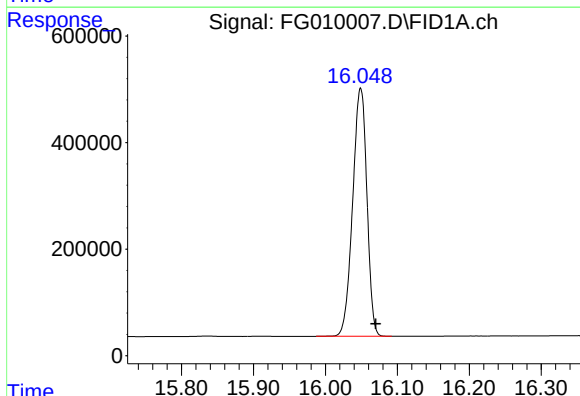
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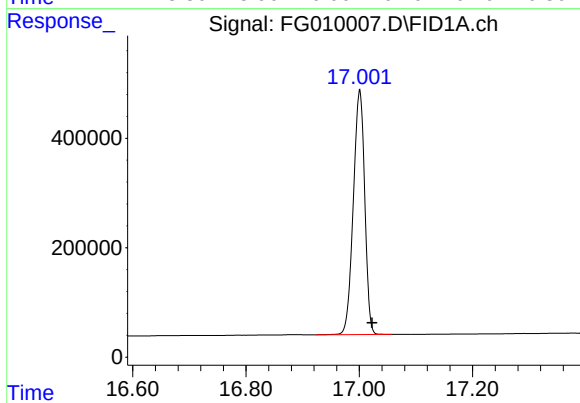
#10 N-TETRACOSANE

R.T.: 15.027 min
Delta R.T.: -0.019 min
Response: 6601010
Conc: 56.32 ug/ml



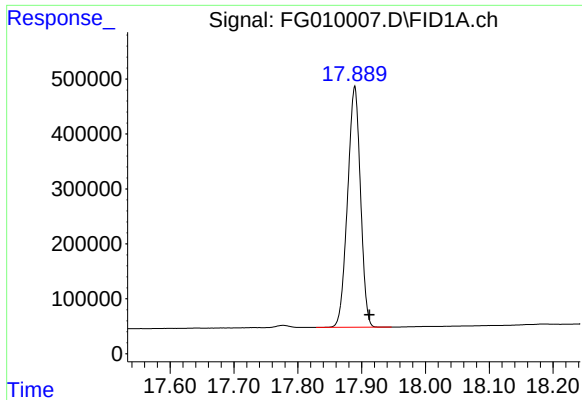
#11 N-HEXACOSANE

R.T.: 16.049 min
Delta R.T.: -0.021 min
Response: 6394969
Conc: 56.37 ug/ml



#12 N-OCTACOSANE

R.T.: 17.001 min
Delta R.T.: -0.022 min
Response: 6240079
Conc: 54.53 ug/ml



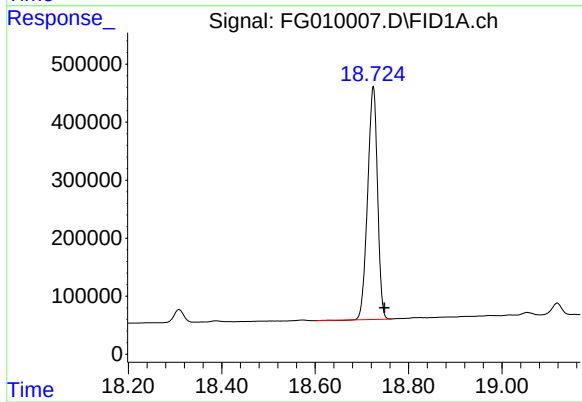
#13 N-TRIACONTANE

R.T.: 17.889 min
Delta R.T.: -0.023 min
Response: 6175272
Conc: 57.35 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

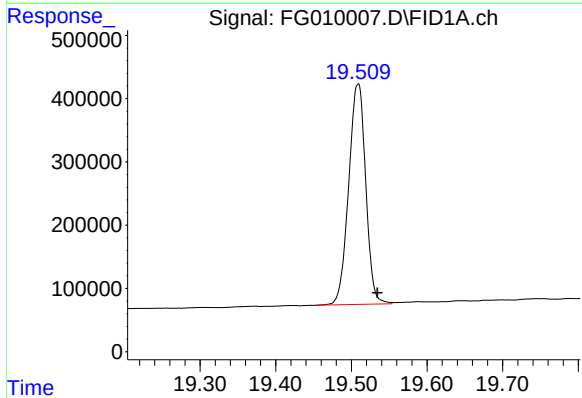
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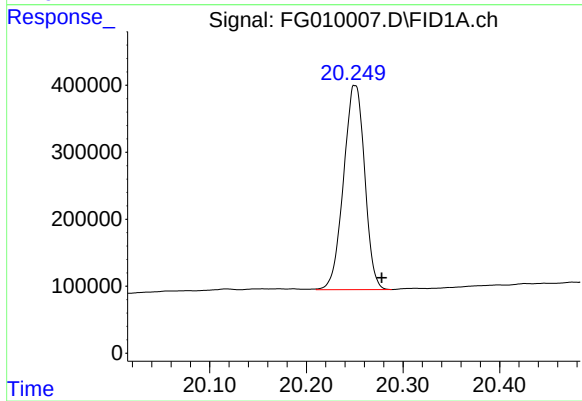
#14 N-DOTRIACONTANE

R.T.: 18.724 min
Delta R.T.: -0.024 min
Response: 5895032
Conc: 56.01 ug/ml



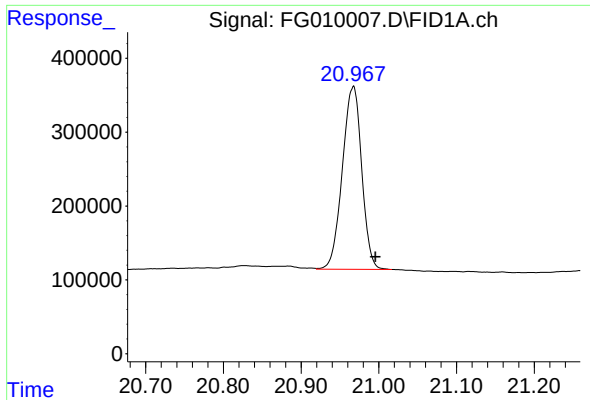
#15 N-TETRATRIACONTANE

R.T.: 19.509 min
Delta R.T.: -0.025 min
Response: 5452732
Conc: 56.79 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.249 min
Delta R.T.: -0.029 min
Response: 4631519
Conc: 57.31 ug/ml m



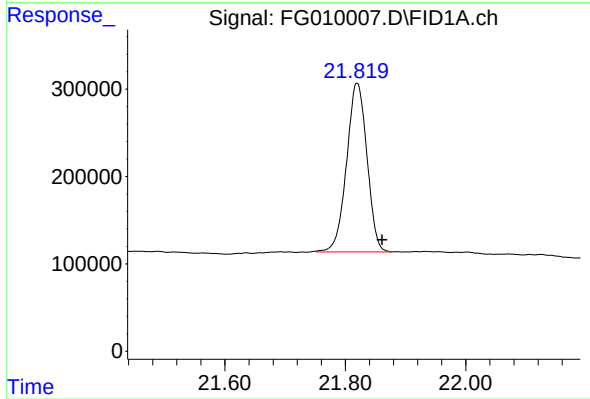
#17 N-OCTATRIACONTANE

R.T.: 20.967 min
Delta R.T.: -0.028 min
Response: 4282336
Conc: 59.63 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.819 min
Delta R.T.: -0.042 min
Response: 4537615
Conc: 64.62 ug/ml m