

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100522\
 Data File : FG010780.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2022 01:22
 Operator : YP\AJ
 Sample : N4955-10
 Misc : 2.5PPM WATER LOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-04-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2022
 Supervised By :Ankita Jodhani 10/06/2022

Integration File: autoint1.e
 Quant Time: Oct 06 06:42:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092822.M
 Quant Title :
 QLast Update : Thu Sep 29 02:21:49 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...	14.738	2206797	18.190 ug/ml
Target Compounds			
1) N-OCTANE	1.773	279834	2.195 ug/ml
2) N-DECANE	4.265	295158	2.268 ug/ml
3) N-DODECANE	6.445	309098	2.331 ug/mlm
4) N-TETRADECANE	8.277	314373	2.344 ug/mlm
5) N-HEXADECANE	9.885	328467	2.369 ug/mlm
6) N-OCTADECANE	11.328	327052	2.321 ug/ml
7) N-EICOSANE	12.638	331624	2.345 ug/ml
8) N-DOCOSANE	13.836	334443	2.416 ug/ml
10) N-TETRACOSANE	14.942	334367	2.427 ug/ml
11) N-HEXACOSANE	15.966	329383	2.441 ug/ml
12) N-OCTACOSANE	16.917	323817	2.469 ug/ml
13) N-TRIACONTANE	17.806	325401	2.528 ug/ml
14) N-DOTRIACONTANE	18.639	306745	2.414 ug/ml
15) N-TETRATRIACONTANE	19.426	260559	2.076 ug/mlm
16) N-HEXATRIACONTANE	20.168	199487	1.657 ug/mlm
17) N-OCTATRIACONTANE	20.877	171390	1.394 ug/mlm
18) N-TETRACONTANE	21.702	147770	1.176 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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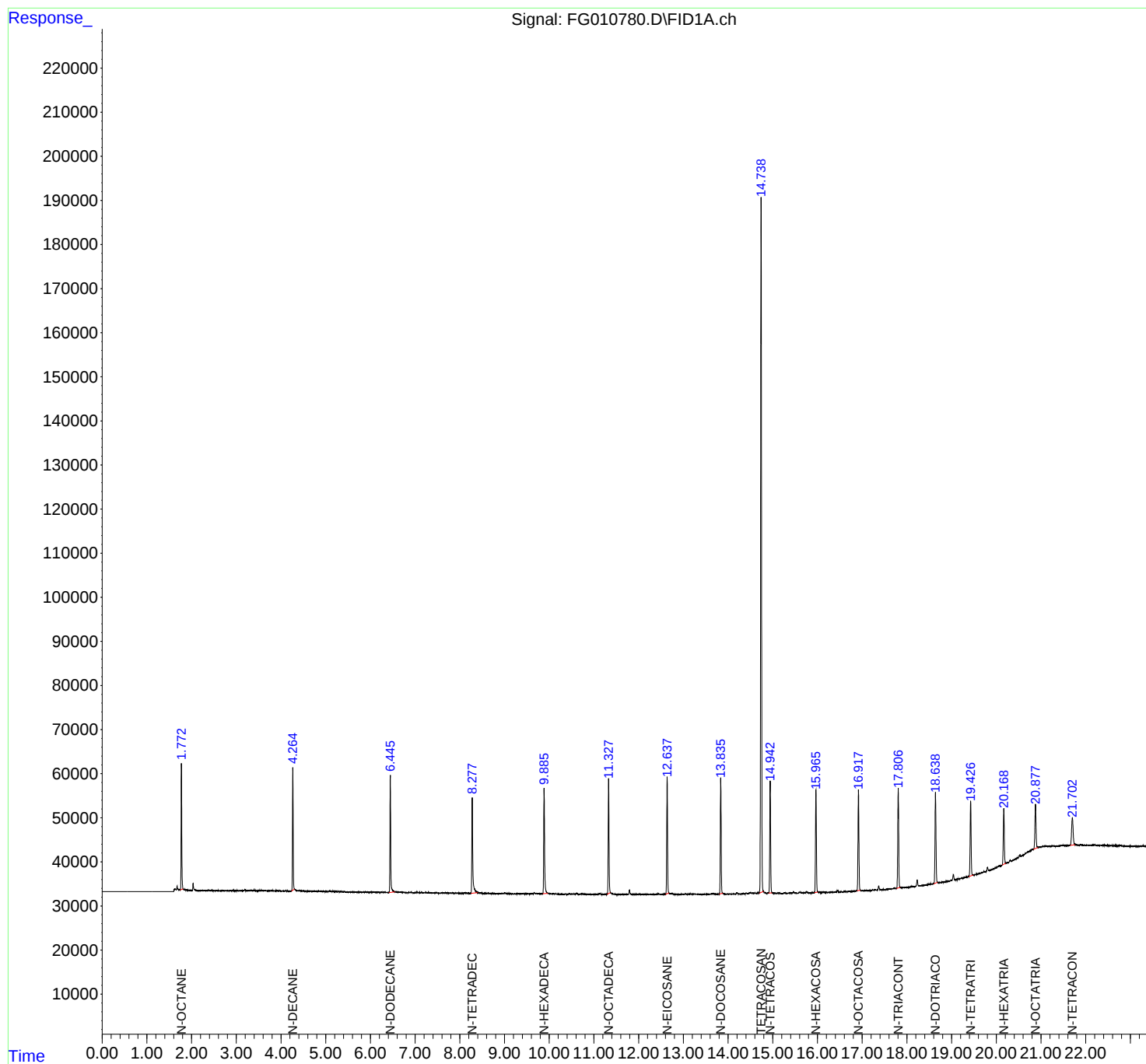
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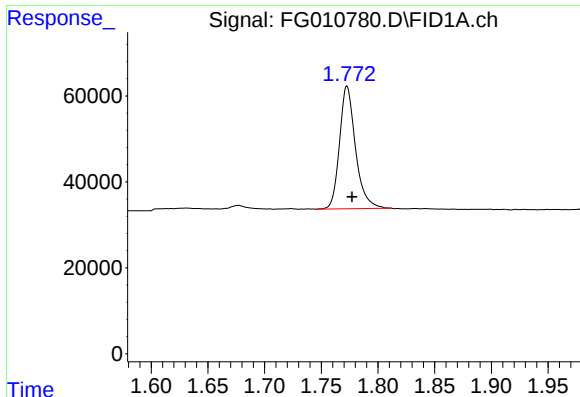
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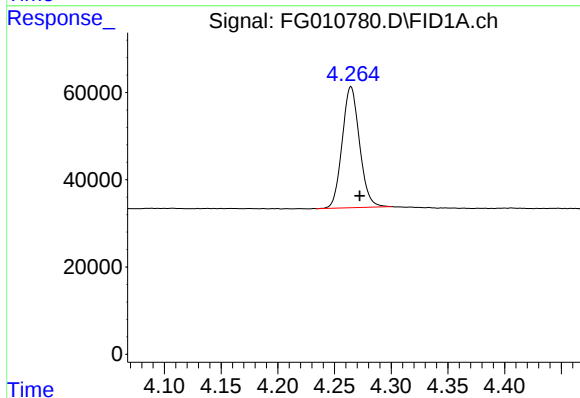
#1 N-OCTANE

R.T.: 1.773 min
Delta R.T.: -0.004 min
Response: 279834
Conc: 2.19 ug/ml

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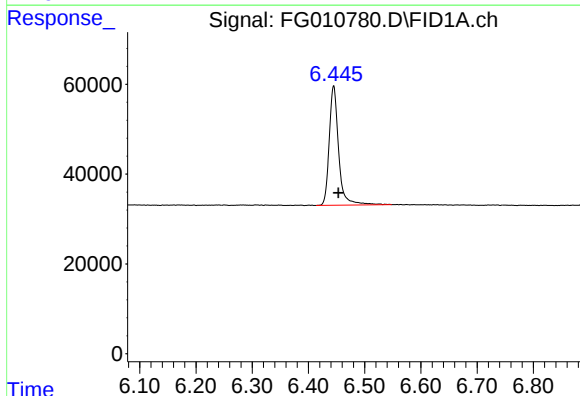
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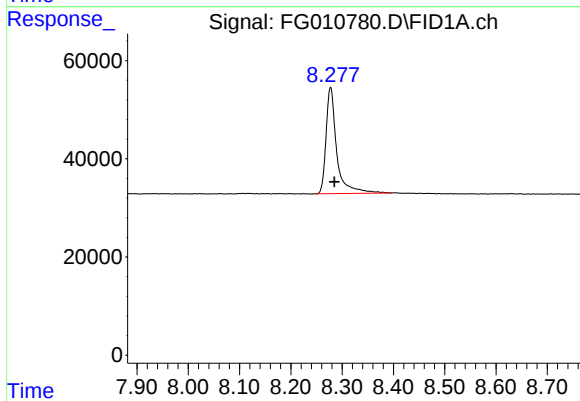
#2 N-DECANE

R.T.: 4.265 min
Delta R.T.: -0.008 min
Response: 295158
Conc: 2.27 ug/ml



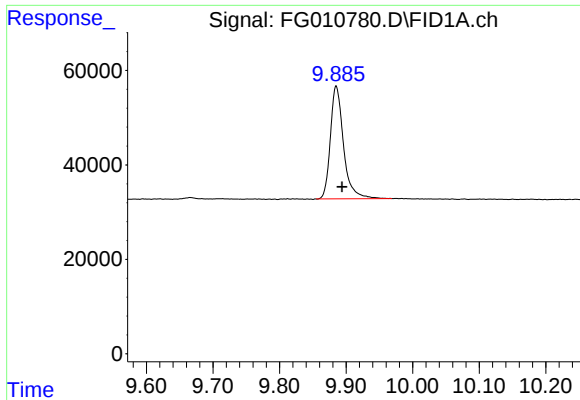
#3 N-DODECANE

R.T.: 6.445 min
Delta R.T.: -0.009 min
Response: 309098
Conc: 2.33 ug/ml m



#4 N-TETRADECANE

R.T.: 8.277 min
Delta R.T.: -0.008 min
Response: 314373
Conc: 2.34 ug/ml m



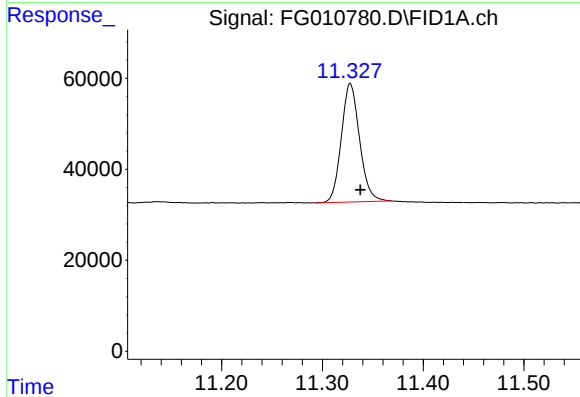
#5 N-HEXADECANE

R.T.: 9.885 min
Delta R.T.: -0.009 min
Response: 328467
Conc: 2.37 ug/ml

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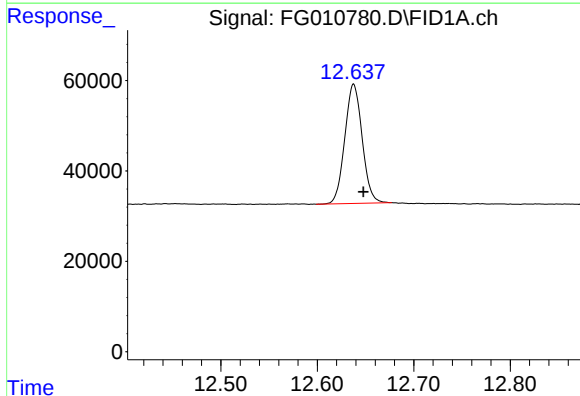
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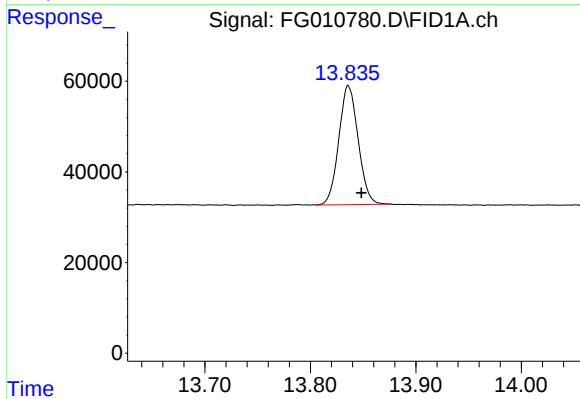
#6 N-OCTADECANE

R.T.: 11.328 min
Delta R.T.: -0.010 min
Response: 327052
Conc: 2.32 ug/ml



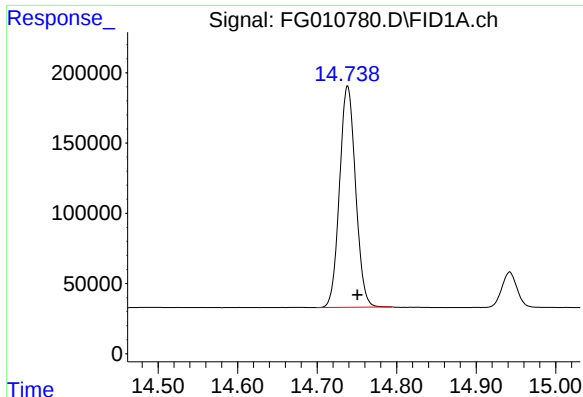
#7 N-EICOSANE

R.T.: 12.638 min
Delta R.T.: -0.010 min
Response: 331624
Conc: 2.35 ug/ml



#8 N-DOCOSANE

R.T.: 13.836 min
Delta R.T.: -0.012 min
Response: 334443
Conc: 2.42 ug/ml



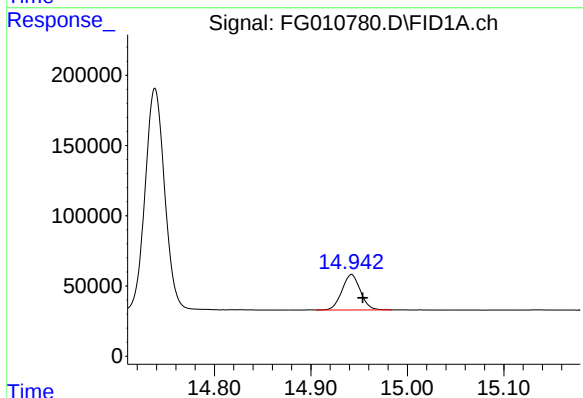
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.738 min
Delta R.T.: -0.012 min
Response: 2206797
Conc: 18.19 ug/ml

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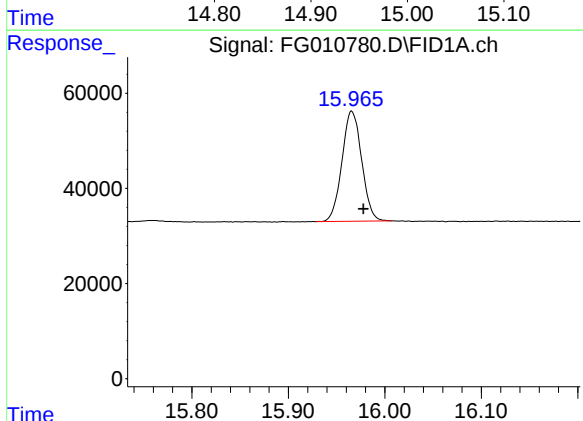
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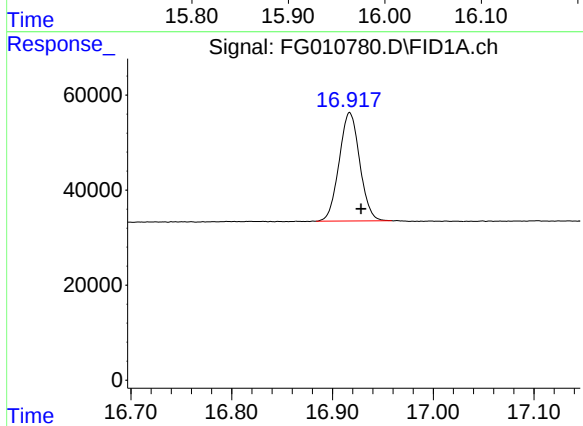
#10 N-TETRACOSANE

R.T.: 14.942 min
Delta R.T.: -0.012 min
Response: 334367
Conc: 2.43 ug/ml



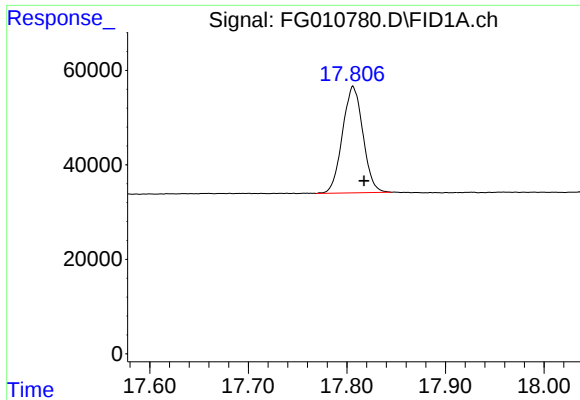
#11 N-HEXACOSANE

R.T.: 15.966 min
Delta R.T.: -0.012 min
Response: 329383
Conc: 2.44 ug/ml



#12 N-OCTACOSANE

R.T.: 16.917 min
Delta R.T.: -0.011 min
Response: 323817
Conc: 2.47 ug/ml



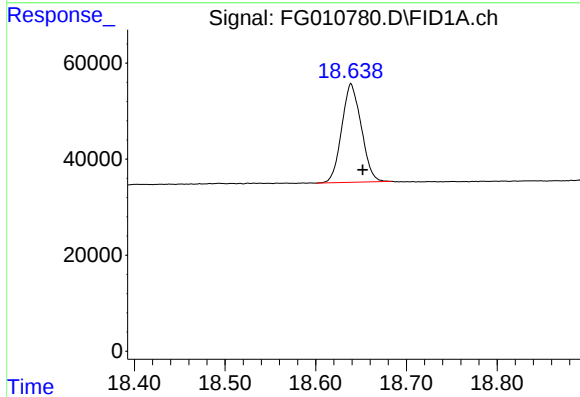
#13 N-TRIACONTANE

R.T.: 17.806 min
Delta R.T.: -0.011 min
Response: 325401
Conc: 2.53 ug/ml

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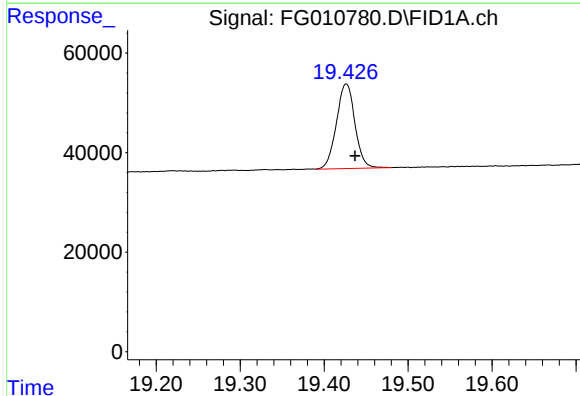
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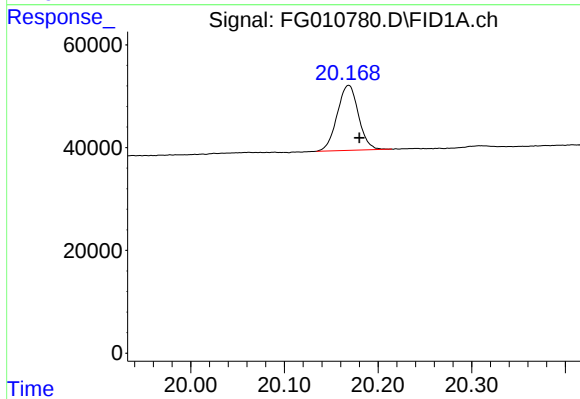
#14 N-DOTRIACONTANE

R.T.: 18.639 min
Delta R.T.: -0.013 min
Response: 306745
Conc: 2.41 ug/ml



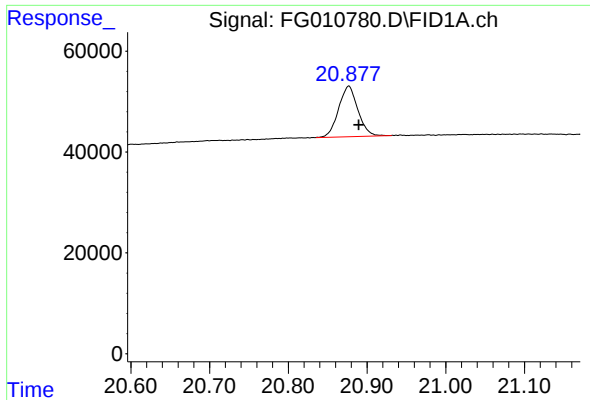
#15 N-TETRATRIACONTANE

R.T.: 19.426 min
Delta R.T.: -0.011 min
Response: 260559
Conc: 2.08 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.168 min
Delta R.T.: -0.012 min
Response: 199487
Conc: 1.66 ug/ml m



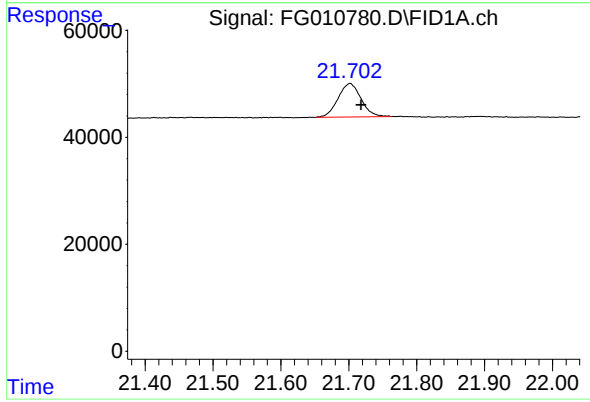
#17 N-OCTATRIACONTANE

R.T.: 20.877 min
Delta R.T.: -0.013 min
Response: 171390
Conc: 1.39 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.702 min
Delta R.T.: -0.017 min
Response: 147770
Conc: 1.18 ug/ml m