

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100522\
 Data File : FG010781.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2022 01:52
 Operator : YP\AJ
 Sample : N4955-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-05-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 06:42:24 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...	14.740	2543446	20.965 ug/ml
Target Compounds			
1) N-OCTANE	1.771	614227	4.818 ug/ml
2) N-DECANE	4.264	688714	5.292 ug/ml
3) N-DODECANE	6.445	689077	5.196 ug/ml
4) N-TETRADECANE	8.276	691975	5.160 ug/ml
5) N-HEXADECANE	9.884	735225	5.302 ug/ml
6) N-OCTADECANE	11.328	752346	5.338 ug/ml
7) N-EICOSANE	12.638	755694	5.344 ug/ml
8) N-DOCOSANE	13.837	752806	5.438 ug/ml
10) N-TETRACOSANE	14.942	747817	5.428 ug/ml
11) N-HEXACOSANE	15.965	735118	5.449 ug/ml
12) N-OCTACOSANE	16.917	714028	5.445 ug/ml
13) N-TRIACONTANE	17.806	696827	5.414 ug/ml
14) N-DOTRIACONTANE	18.640	643262	5.062 ug/ml
15) N-TETRATRIACONTANE	19.426	535022	4.262 ug/mlm
16) N-HEXATRIACONTANE	20.166	406859	3.379 ug/ml
17) N-OCTATRIACONTANE	20.874	339616	2.763 ug/ml
18) N-TETRACONTANE	21.700	301229	2.398 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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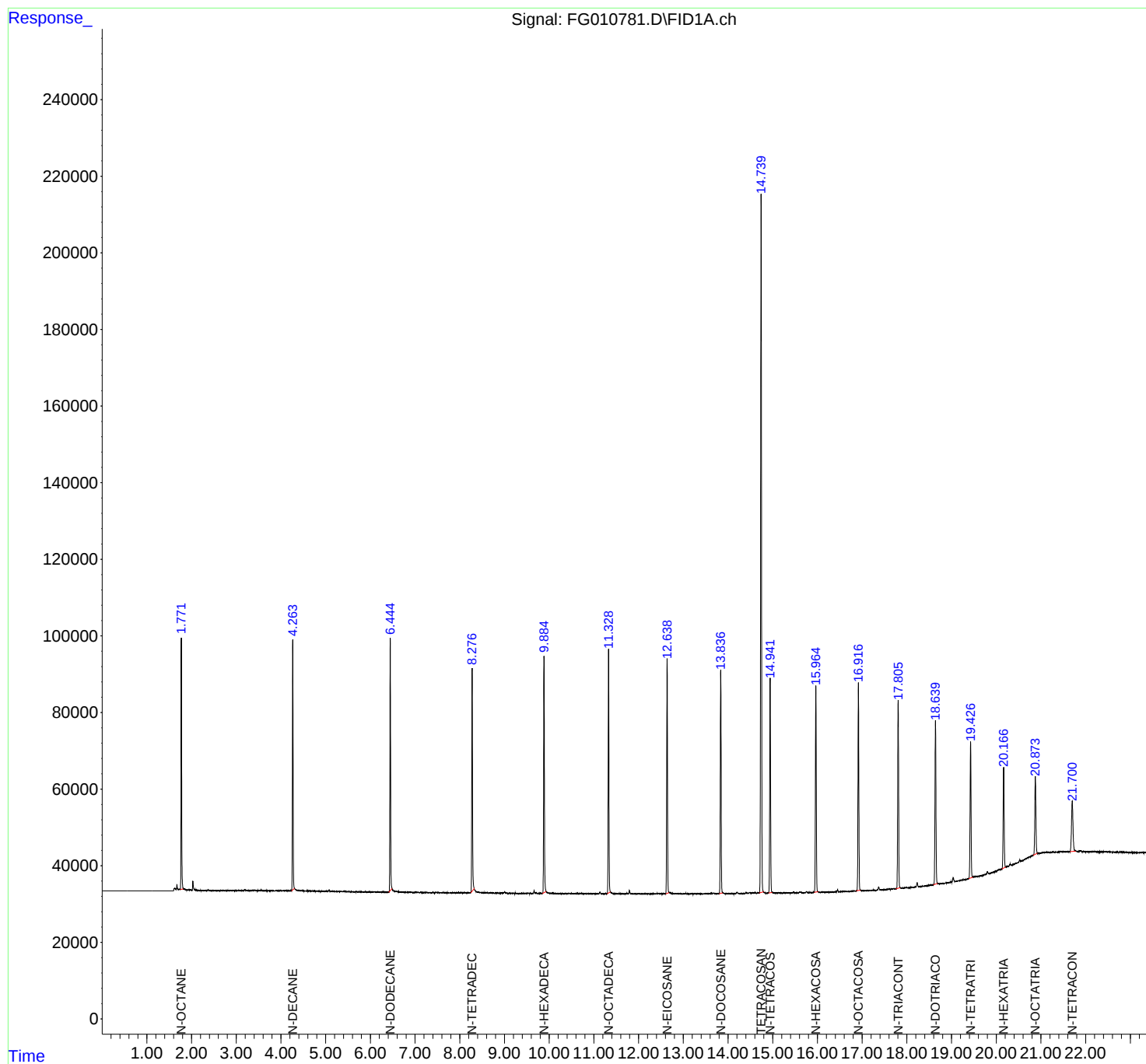
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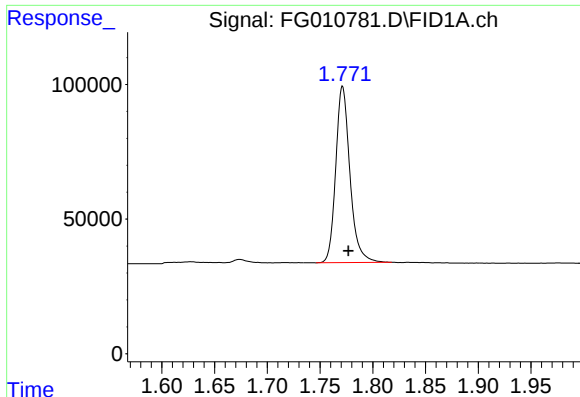
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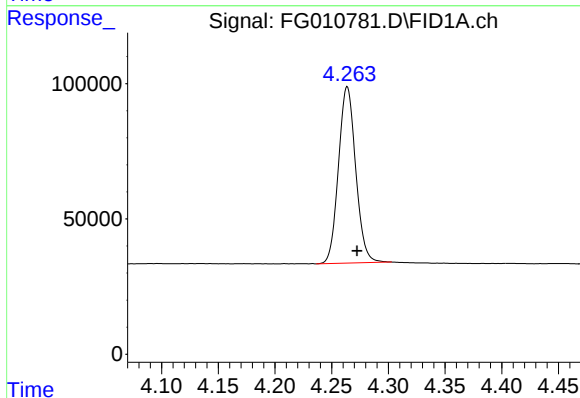
#1 N-OCTANE

R.T.: 1.771 min
Delta R.T.: -0.006 min
Response: 614227
Conc: 4.82 ug/ml

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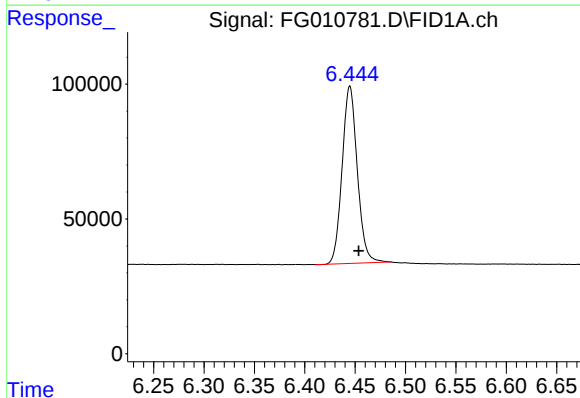
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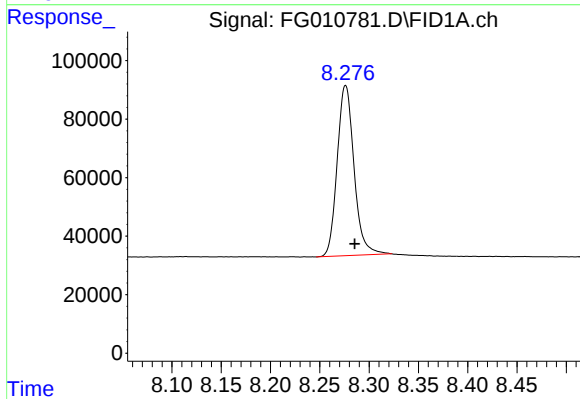
#2 N-DECANE

R.T.: 4.264 min
Delta R.T.: -0.008 min
Response: 688714
Conc: 5.29 ug/ml



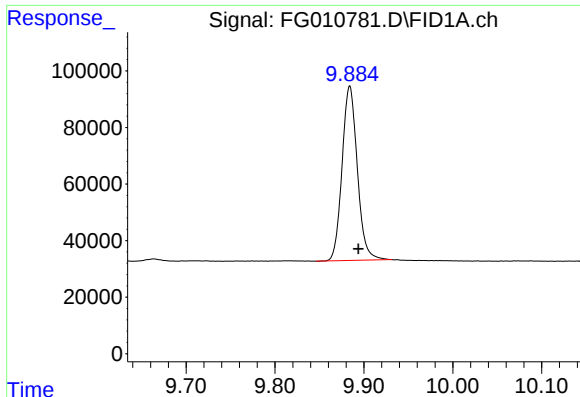
#3 N-DODECANE

R.T.: 6.445 min
Delta R.T.: -0.009 min
Response: 689077
Conc: 5.20 ug/ml



#4 N-TETRADECANE

R.T.: 8.276 min
Delta R.T.: -0.009 min
Response: 691975
Conc: 5.16 ug/ml



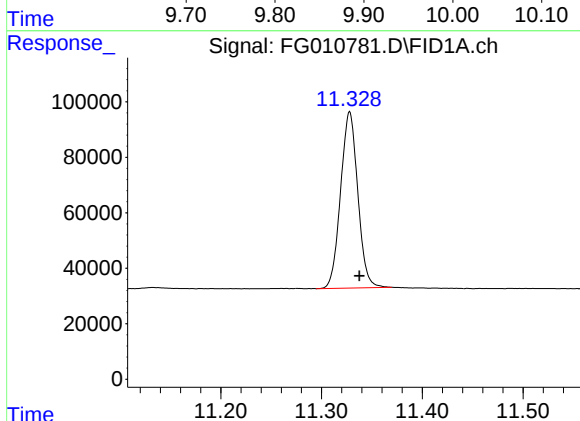
#5 N-HEXADECANE

R.T.: 9.884 min
Delta R.T.: -0.010 min
Response: 735225
Conc: 5.30 ug/ml

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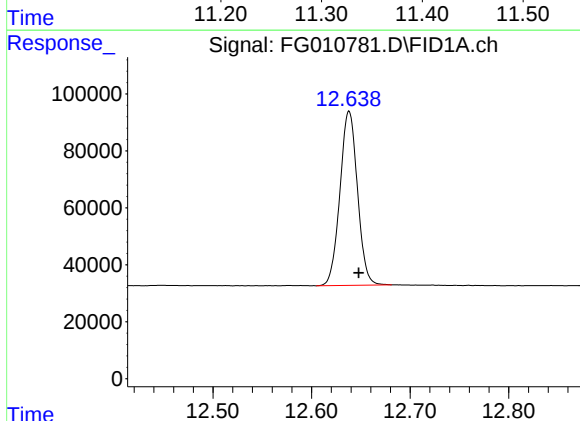
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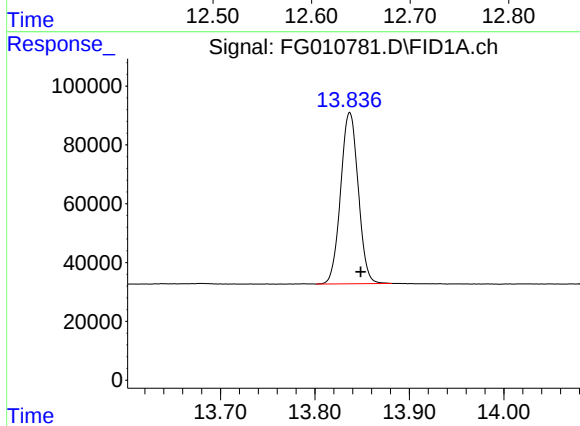
#6 N-OCTADECANE

R.T.: 11.328 min
Delta R.T.: -0.010 min
Response: 752346
Conc: 5.34 ug/ml



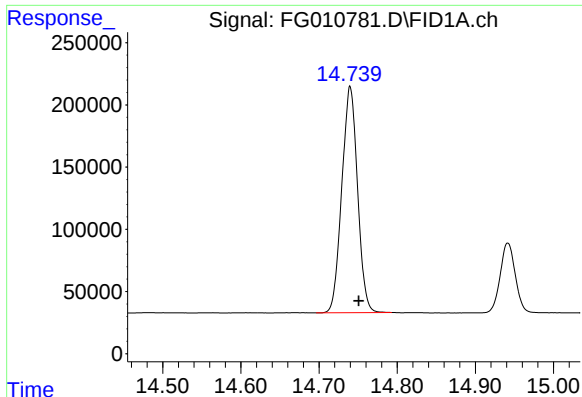
#7 N-EICOSANE

R.T.: 12.638 min
Delta R.T.: -0.010 min
Response: 755694
Conc: 5.34 ug/ml



#8 N-DOCOSANE

R.T.: 13.837 min
Delta R.T.: -0.011 min
Response: 752806
Conc: 5.44 ug/ml



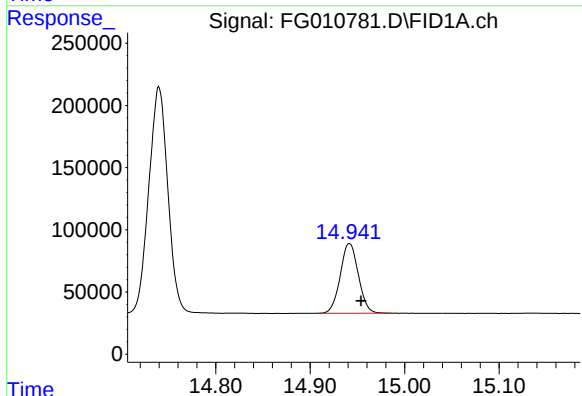
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.740 min
Delta R.T.: -0.011 min
Response: 2543446
Conc: 20.96 ug/ml

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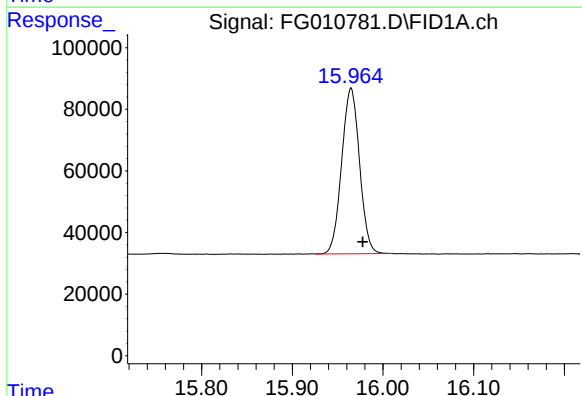
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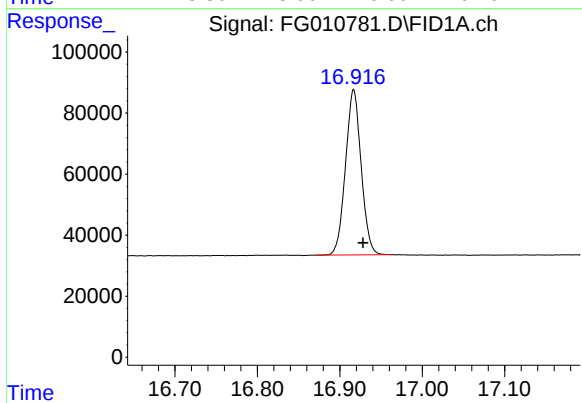
#10 N-TETRACOSANE

R.T.: 14.942 min
Delta R.T.: -0.012 min
Response: 747817
Conc: 5.43 ug/ml



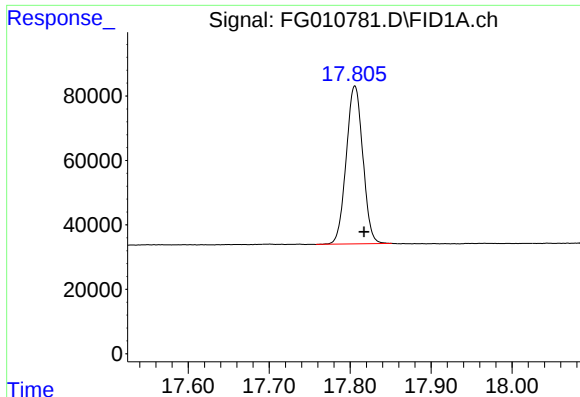
#11 N-HEXACOSANE

R.T.: 15.965 min
Delta R.T.: -0.013 min
Response: 735118
Conc: 5.45 ug/ml



#12 N-OCTACOSANE

R.T.: 16.917 min
Delta R.T.: -0.012 min
Response: 714028
Conc: 5.45 ug/ml



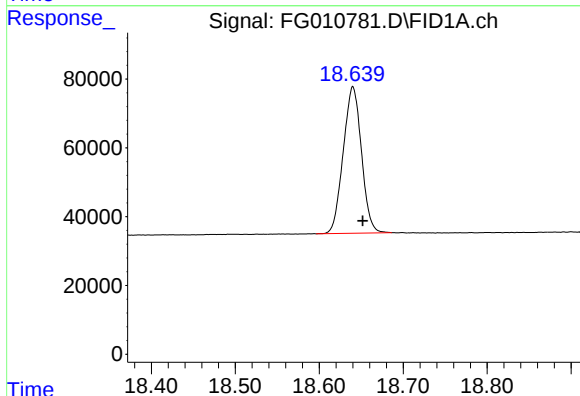
#13 N-TRIACONTANE

R.T.: 17.806 min
Delta R.T.: -0.011 min
Response: 696827
Conc: 5.41 ug/ml

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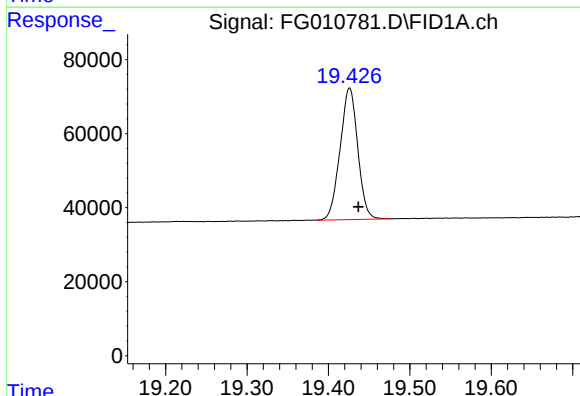
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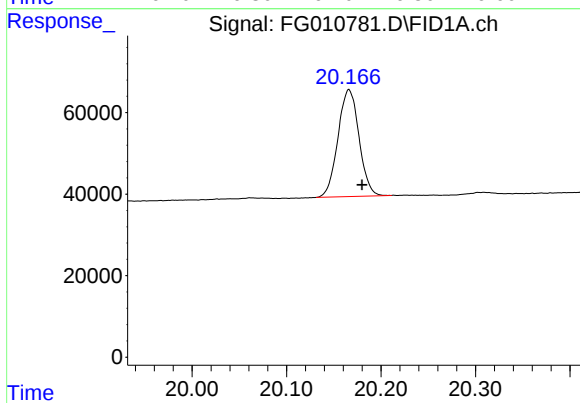
#14 N-DOTRIACONTANE

R.T.: 18.640 min
Delta R.T.: -0.012 min
Response: 643262
Conc: 5.06 ug/ml



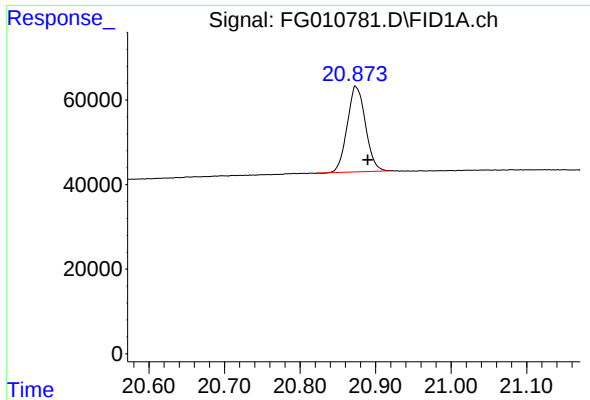
#15 N-TETRATRIACONTANE

R.T.: 19.426 min
Delta R.T.: -0.011 min
Response: 535022
Conc: 4.26 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.166 min
Delta R.T.: -0.014 min
Response: 406859
Conc: 3.38 ug/ml



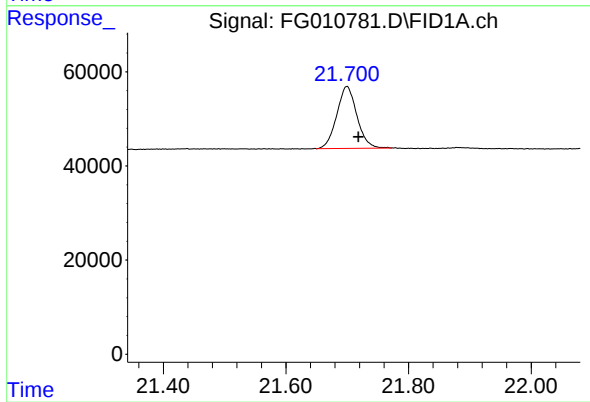
#17 N-OCTATRIACONTANE

R.T.: 20.874 min
Delta R.T.: -0.016 min
Response: 339616
Conc: 2.76 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.700 min
Delta R.T.: -0.018 min
Response: 301229
Conc: 2.40 ug/ml m