

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100622\
 Data File : FG010802.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2022 16:38
 Operator : YP\AJ
 Sample : N4955-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-06-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2022
 Supervised By :Ankita Jodhani 10/07/2022

Integration File: autoint1.e
 Quant Time: Oct 07 05:37:17 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...	14.739	1853716	15.280 ug/ml
Target Compounds			
1) N-OCTANE	1.771	102563	0.804 ug/mlm
2) N-DECANE	4.264	99718	0.766 ug/mlm
3) N-DODECANE	6.445	99424	0.750 ug/mlm
4) N-TETRADECANE	8.281	110911	0.827 ug/mlm
5) N-HEXADECANE	9.890	112497	0.811 ug/mlm
6) N-OCTADECANE	11.329	114540	0.813 ug/mlm
7) N-EICOSANE	12.637	116920	0.827 ug/mlm
8) N-DOCOSANE	13.837	116722	0.843 ug/mlm
10) N-TETRACOSANE	14.942	119681	0.869 ug/mlm
11) N-HEXACOSANE	15.969	118209	0.876 ug/mlm
12) N-OCTACOSANE	16.919	122201	0.932 ug/mlm
13) N-TRIACONTANE	17.809	132848	1.032 ug/mlm
14) N-DOTRIACONTANE	18.642	135168	1.064 ug/mlm
15) N-TETRATRIACONTANE	19.428	130935	1.043 ug/mlm
16) N-HEXATRIACONTANE	20.170	107780	0.895 ug/mlm
17) N-OCTATRIACONTANE	20.879	99193	0.807 ug/mlm
18) N-TETRACONTANE	21.703	94655	0.753 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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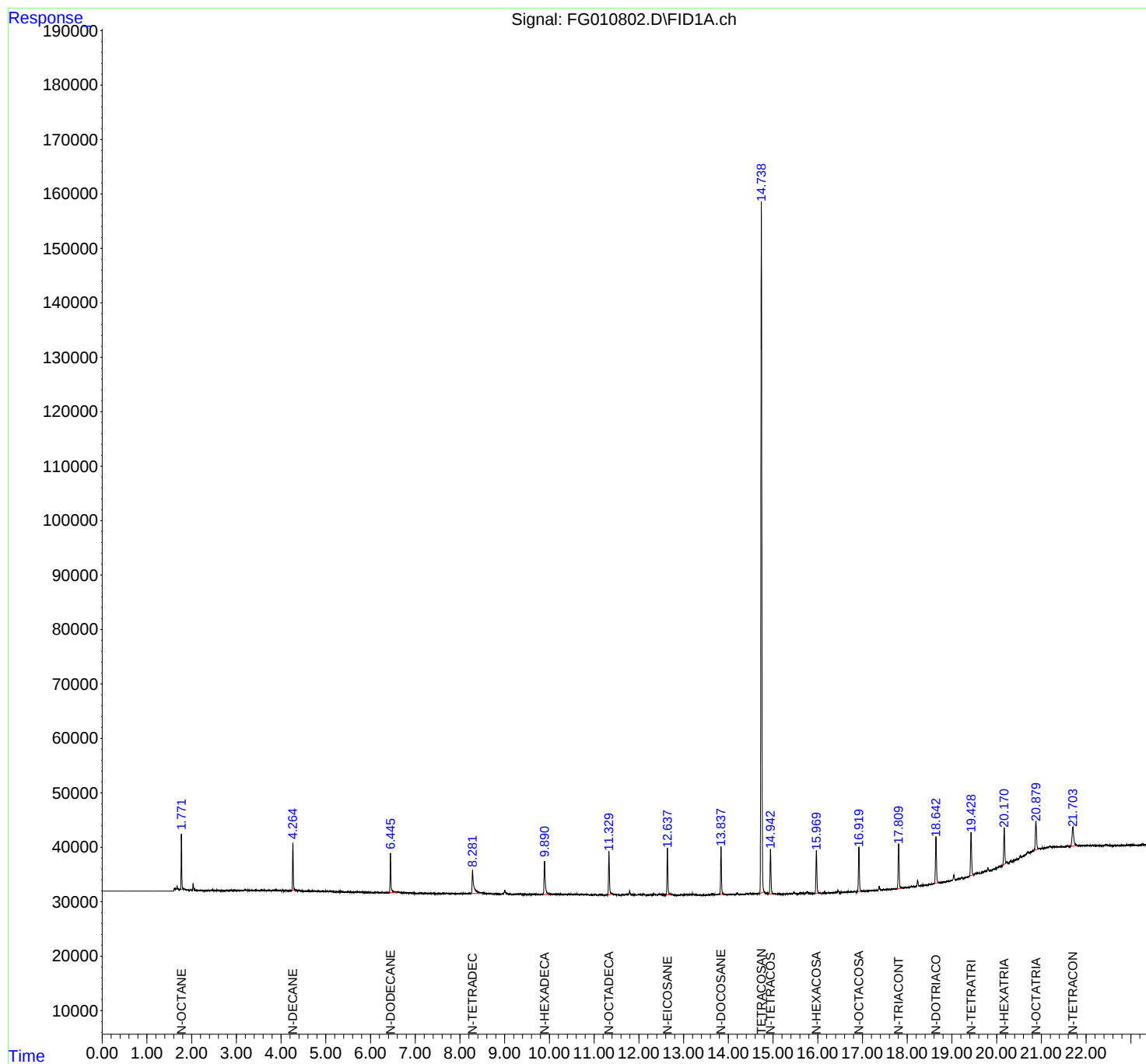
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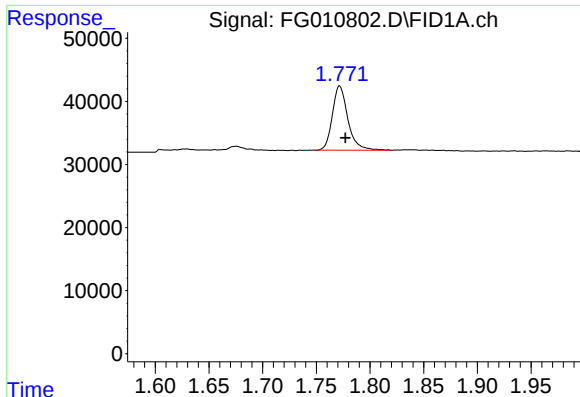
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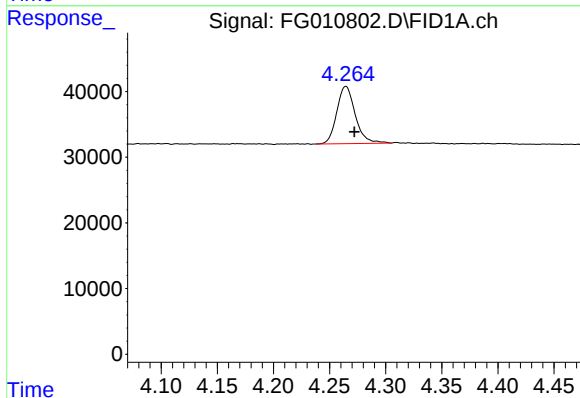
#1 N-OCTANE

R.T.: 1.771 min
Delta R.T.: -0.006 min
Response: 102563
Conc: 0.80 ug/ml

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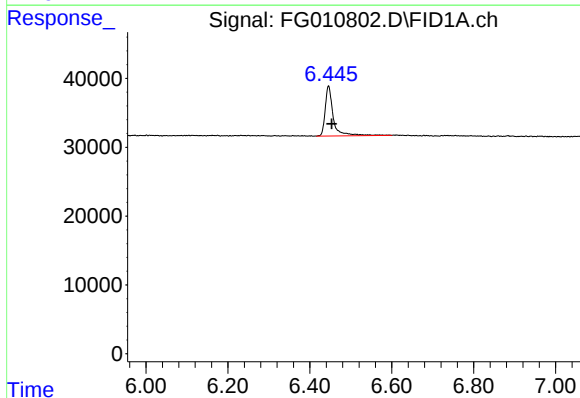
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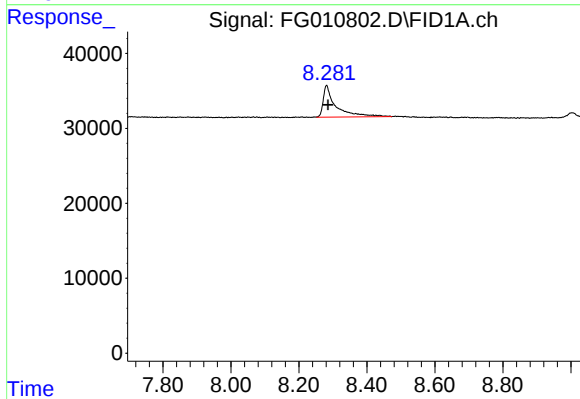
#2 N-DECANE

R.T.: 4.264 min
Delta R.T.: -0.008 min
Response: 99718
Conc: 0.77 ug/ml m



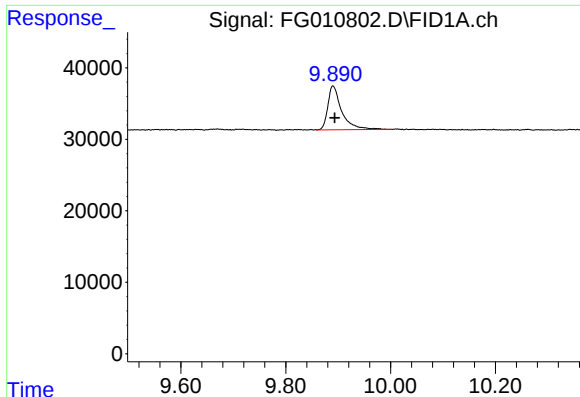
#3 N-DODECANE

R.T.: 6.445 min
Delta R.T.: -0.008 min
Response: 99424
Conc: 0.75 ug/ml m



#4 N-TETRADECANE

R.T.: 8.281 min
Delta R.T.: -0.004 min
Response: 110911
Conc: 0.83 ug/ml m



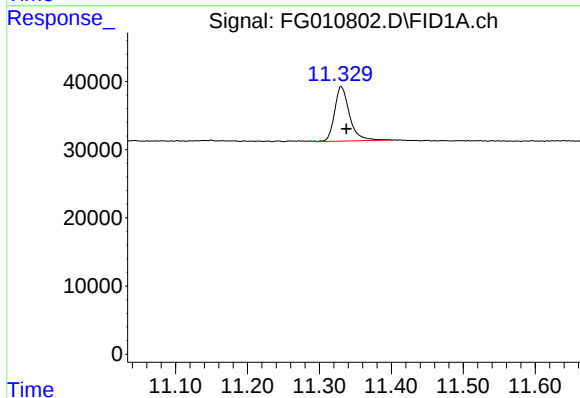
#5 N-HEXADECANE

R.T.: 9.890 min
Delta R.T.: -0.004 min
Response: 112497
Conc: 0.81 ug/ml

Instrument :
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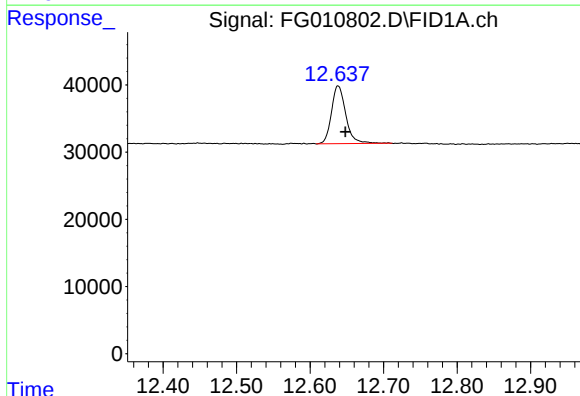
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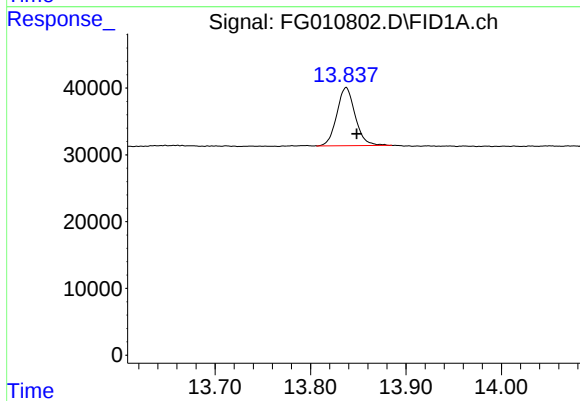
#6 N-OCTADECANE

R.T.: 11.329 min
Delta R.T.: -0.008 min
Response: 114540
Conc: 0.81 ug/ml m



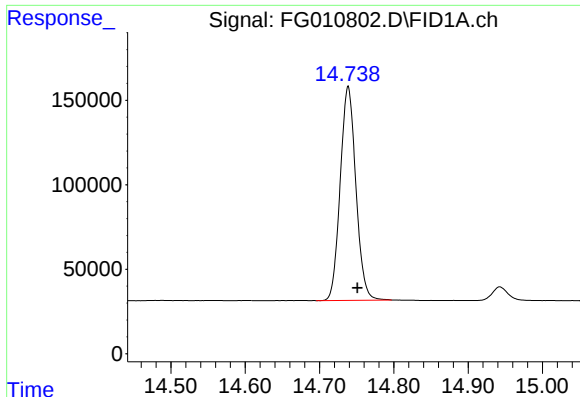
#7 N-EICOSANE

R.T.: 12.637 min
Delta R.T.: -0.010 min
Response: 116920
Conc: 0.83 ug/ml m



#8 N-DOCOSANE

R.T.: 13.837 min
Delta R.T.: -0.011 min
Response: 116722
Conc: 0.84 ug/ml m



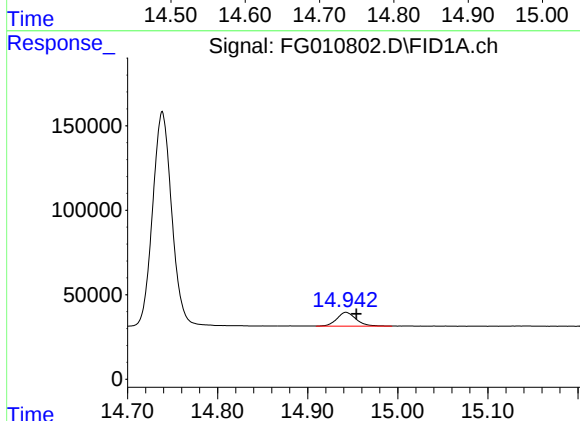
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.739 min
Delta R.T.: -0.012 min
Response: 1853716
Conc: 15.28 ug/ml

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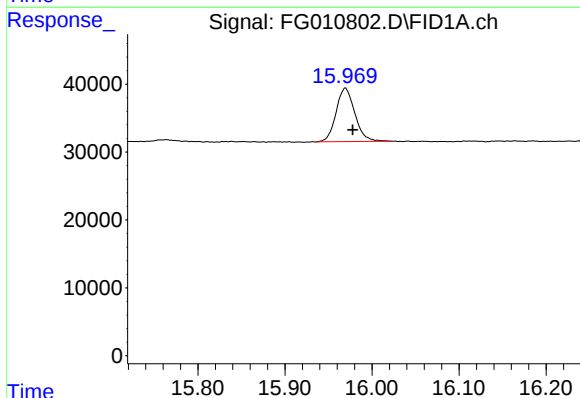
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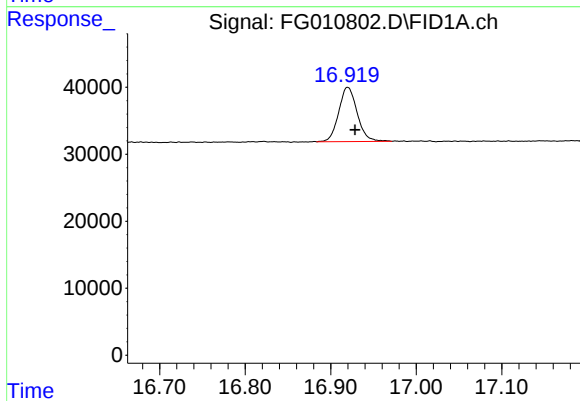
#10 N-TETRACOSANE

R.T.: 14.942 min
Delta R.T.: -0.012 min
Response: 119681
Conc: 0.87 ug/ml m



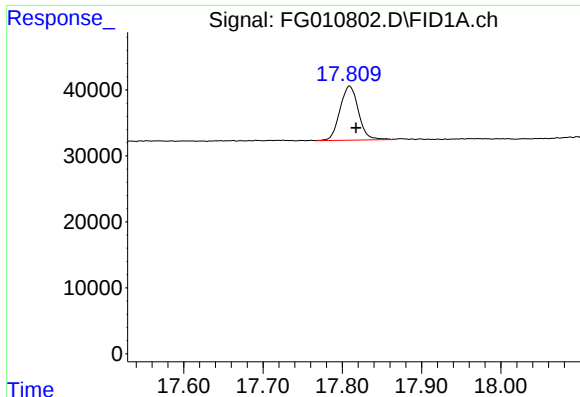
#11 N-HEXACOSANE

R.T.: 15.969 min
Delta R.T.: -0.009 min
Response: 118209
Conc: 0.88 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.919 min
Delta R.T.: -0.009 min
Response: 122201
Conc: 0.93 ug/ml m



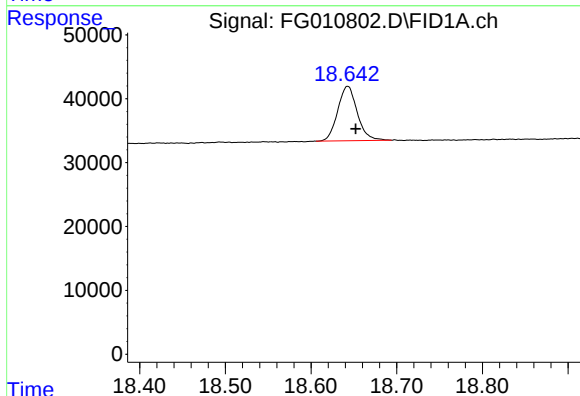
#13 N-TRIACONTANE

R.T.: 17.809 min
Delta R.T.: -0.009 min
Response: 132848
Conc: 1.03 ug/ml

Instrument :
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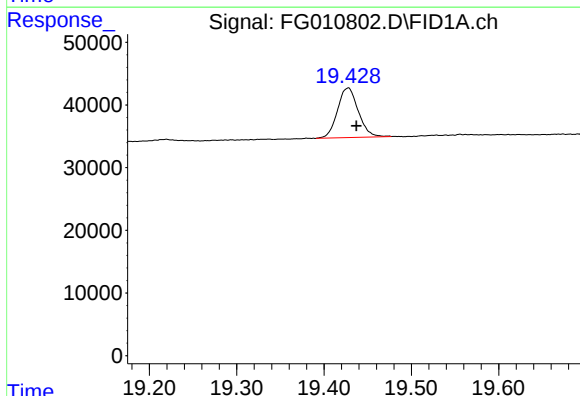
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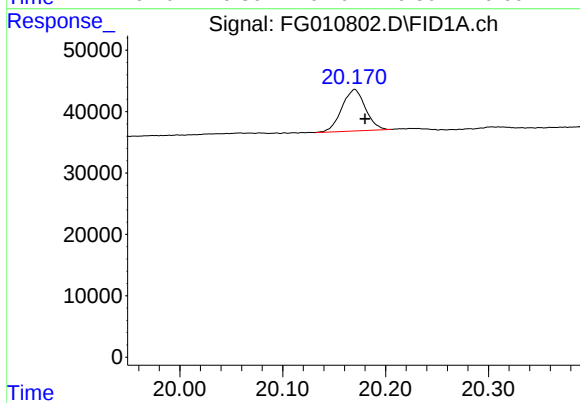
#14 N-DOTRIACONTANE

R.T.: 18.642 min
Delta R.T.: -0.010 min
Response: 135168
Conc: 1.06 ug/ml m



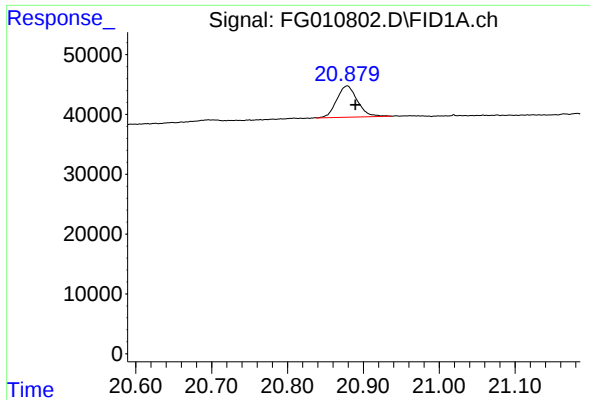
#15 N-TETRATRIACONTANE

R.T.: 19.428 min
Delta R.T.: -0.009 min
Response: 130935
Conc: 1.04 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.170 min
Delta R.T.: -0.010 min
Response: 107780
Conc: 0.90 ug/ml m



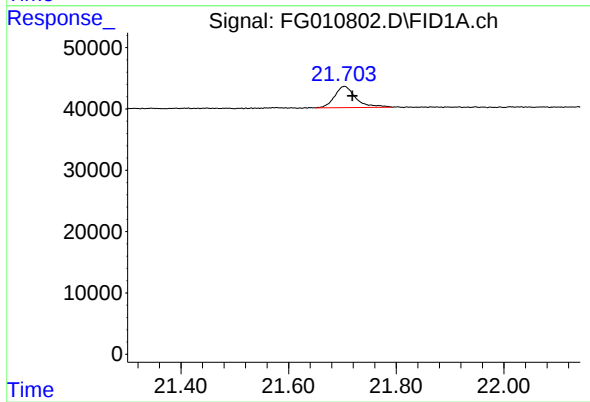
#17 N-OCTATRIACONTANE

R.T.: 20.879 min
Delta R.T.: -0.011 min
Response: 99193
Conc: 0.81 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.703 min
Delta R.T.: -0.015 min
Response: 94655
Conc: 0.75 ug/ml m