

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071521\
 Data File : FG008510.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2021 18:24
 Operator : DD\AJ
 Sample : M2940-10
 Misc : LOD 1 PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-04-QT3-2021

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Integration File: autoint1.e
 Quant Time: Jul 16 03:21:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG071521.M
 Quant Title :
 QLast Update : Thu Jul 15 13:17:03 2021
 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...	14.762	2526168	17.729 ug/ml
Target Compounds			
1) N-OCTANE	2.361	122523	0.820 ug/ml
2) N-DECANE	4.465	109425	0.726 ug/ml
3) N-DODECANE	6.493	109974	0.715 ug/ml
4) N-TETRADECANE	8.298	122931	0.789 ug/mlm
5) N-HEXADECANE	9.903	108949	0.702 ug/ml
6) N-OCTADECANE	11.346	122780	0.759 ug/ml
7) N-EICOSANE	12.659	134803	0.827 ug/ml
8) N-DOCOSANE	13.860	142172	0.872 ug/ml
10) N-TETRACOSANE	14.966	145242	0.886 ug/ml
11) N-HEXACOSANE	15.991	138550	0.854 ug/ml
12) N-OCTACOSANE	16.944	143050	0.893 ug/ml
13) N-TRIACONTANE	17.833	158808	1.005 ug/ml
14) N-DOTRIACONTANE	18.667	163606	1.089 ug/ml
15) N-TETRATRIACONTANE	19.453	138327	1.004 ug/ml
16) N-HEXATRIACONTANE	20.195	106438	0.903 ug/ml
17) N-OCTATRIACONTANE	20.957	95234	0.955 ug/mlm
18) N-TETRACONTANE	21.908	84962	0.938 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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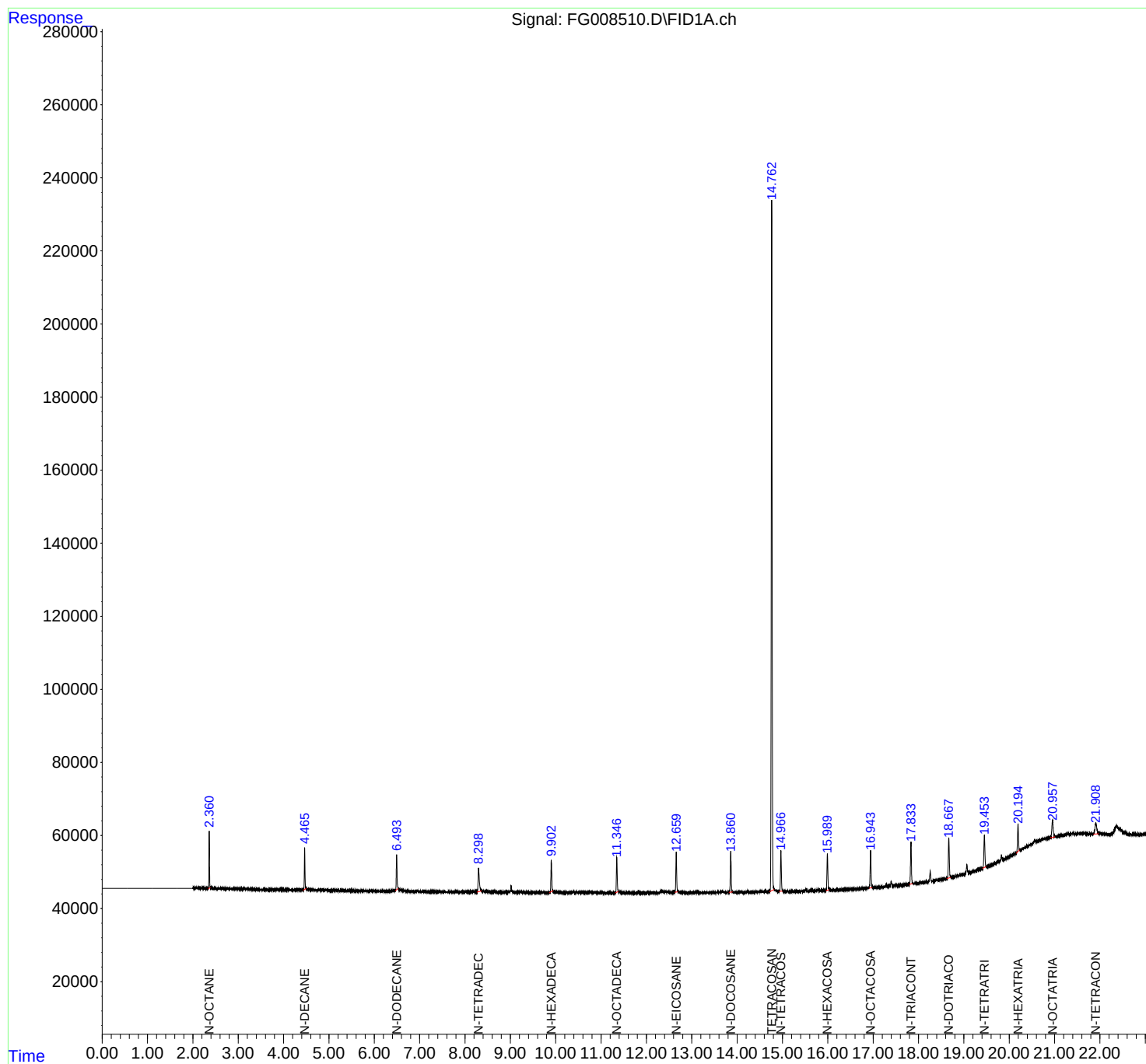
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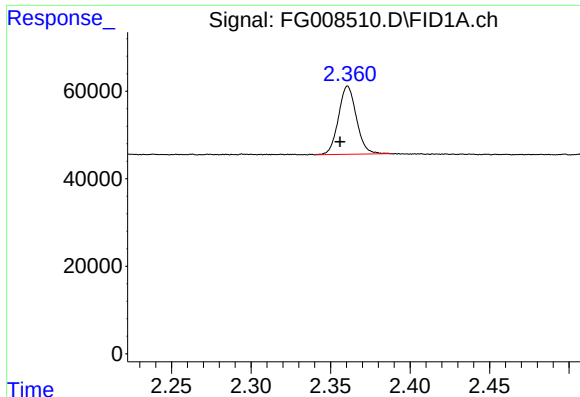
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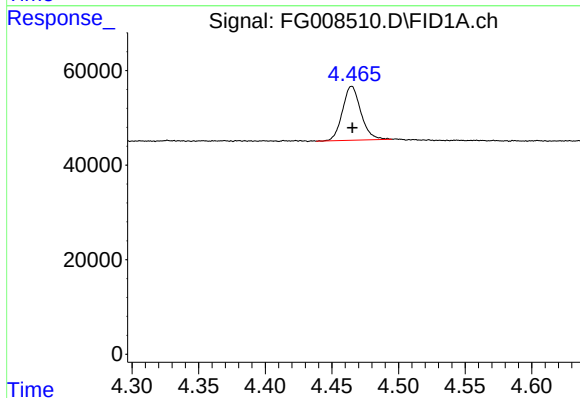
#1 N-OCTANE

R.T.: 2.361 min
Delta R.T.: 0.005 min
Response: 122523
Conc: 0.82 ug/ml

Instrument :
FID_G
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LOD-MDL-WATER-04-QT3-2021

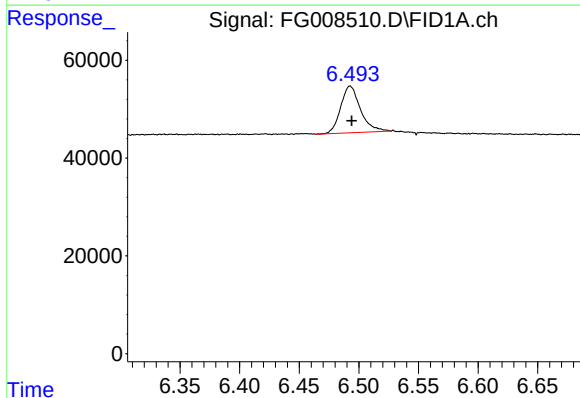
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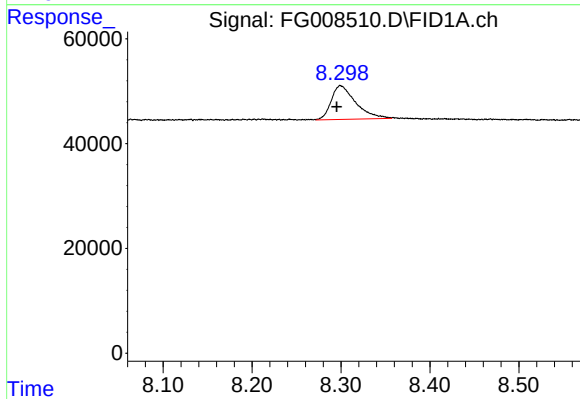
#2 N-DECANE

R.T.: 4.465 min
Delta R.T.: 0.000 min
Response: 109425
Conc: 0.73 ug/ml



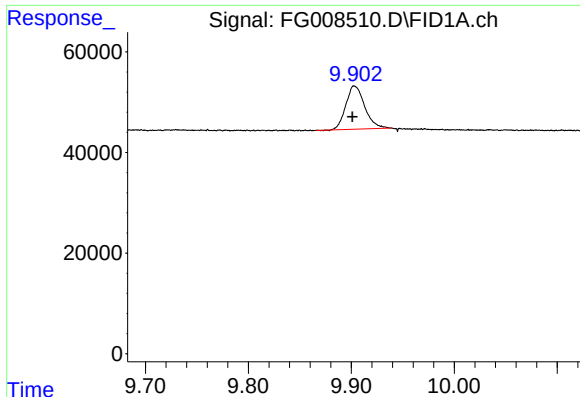
#3 N-DODECANE

R.T.: 6.493 min
Delta R.T.: -0.001 min
Response: 109974
Conc: 0.71 ug/ml



#4 N-TETRADECANE

R.T.: 8.298 min
Delta R.T.: 0.003 min
Response: 122931
Conc: 0.79 ug/ml m



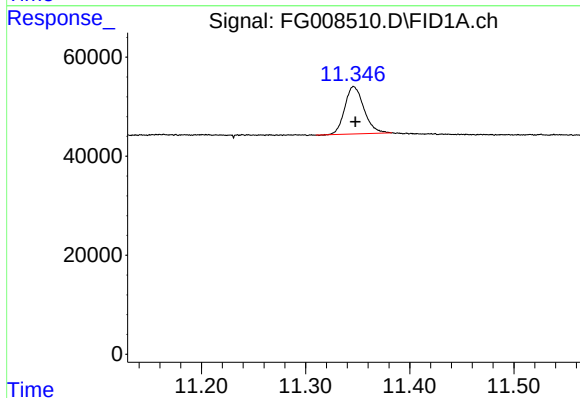
#5 N-HEXADECANE

R.T.: 9.903 min
Delta R.T.: 0.002 min
Response: 108949
Conc: 0.70 ug/ml

Instrument :
FID_G
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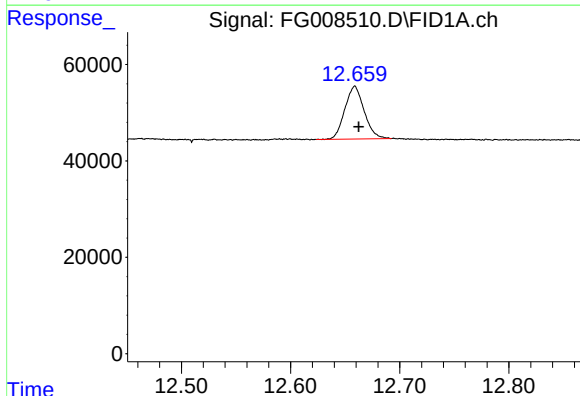
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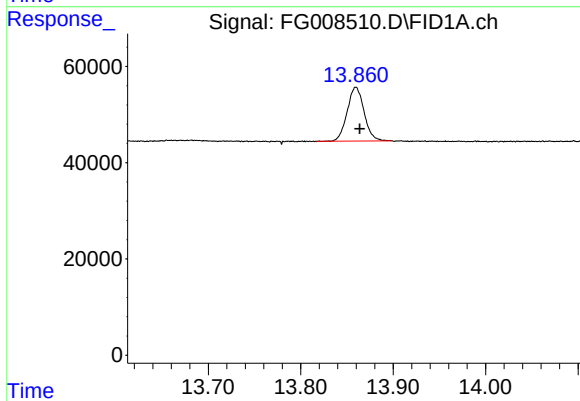
#6 N-OCTADECANE

R.T.: 11.346 min
Delta R.T.: -0.002 min
Response: 122780
Conc: 0.76 ug/ml



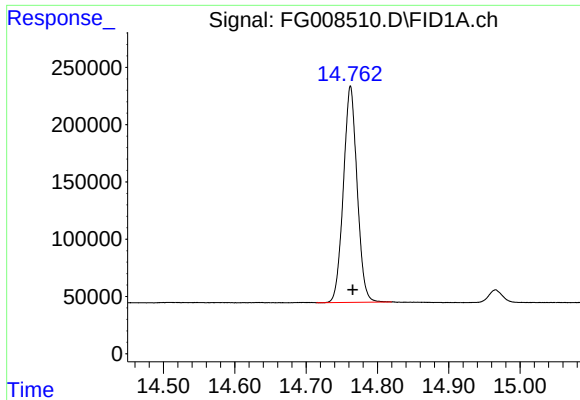
#7 N-EICOSANE

R.T.: 12.659 min
Delta R.T.: -0.004 min
Response: 134803
Conc: 0.83 ug/ml



#8 N-DOCOSANE

R.T.: 13.860 min
Delta R.T.: -0.004 min
Response: 142172
Conc: 0.87 ug/ml



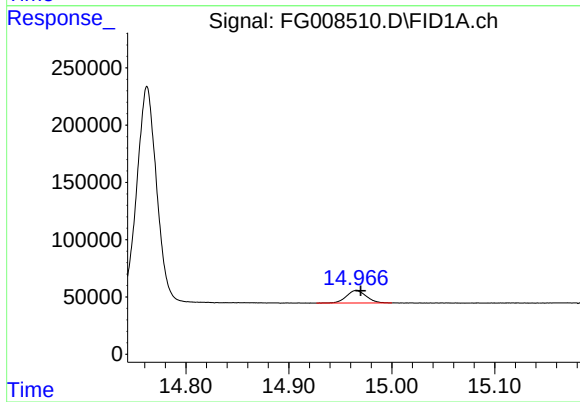
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.762 min
Delta R.T.: -0.003 min
Response: 2526168
Conc: 17.73 ug/ml

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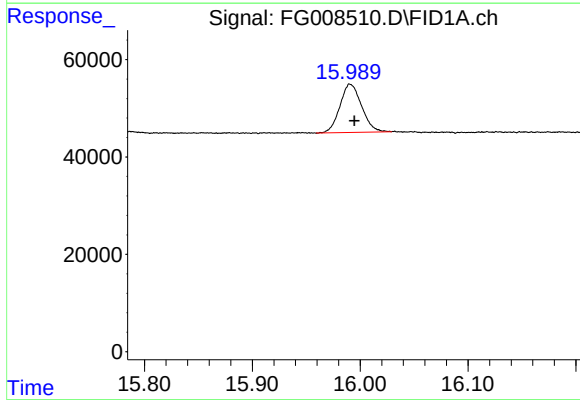
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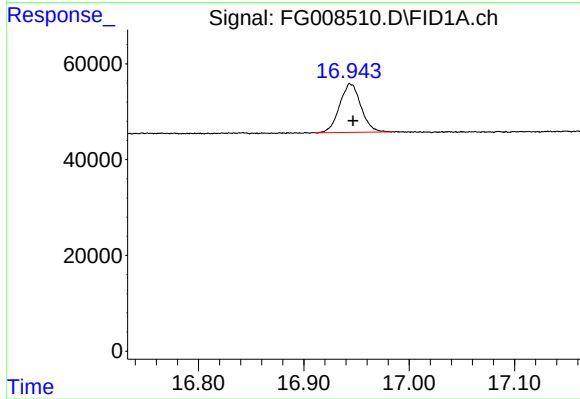
#10 N-TETRACOSANE

R.T.: 14.966 min
Delta R.T.: -0.004 min
Response: 145242
Conc: 0.89 ug/ml



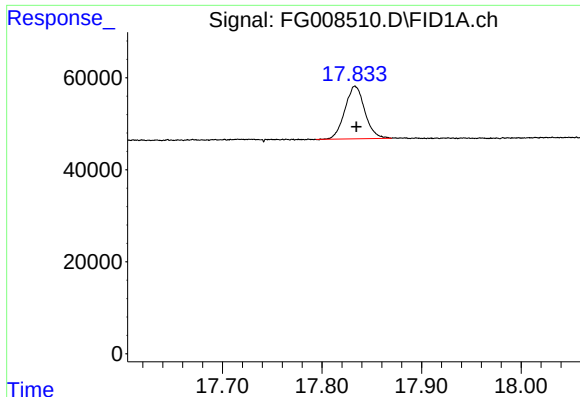
#11 N-HEXACOSANE

R.T.: 15.991 min
Delta R.T.: -0.004 min
Response: 138550
Conc: 0.85 ug/ml



#12 N-OCTACOSANE

R.T.: 16.944 min
Delta R.T.: -0.002 min
Response: 143050
Conc: 0.89 ug/ml



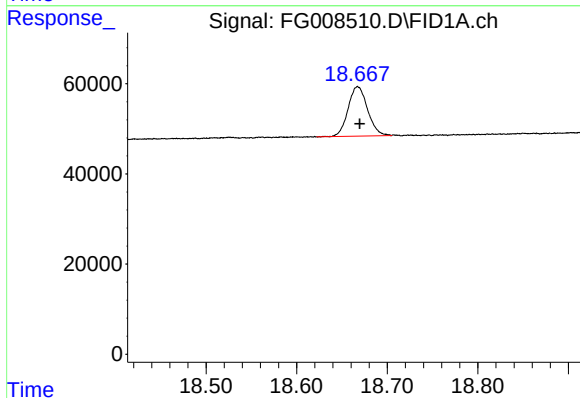
#13 N-TRIACONTANE

R.T.: 17.833 min
Delta R.T.: -0.001 min
Response: 158808
Conc: 1.01 ug/ml

Instrument :
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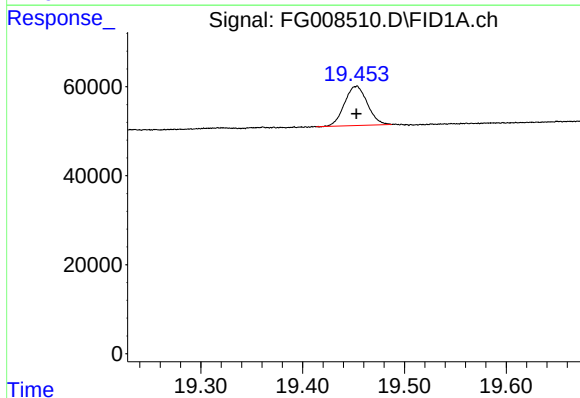
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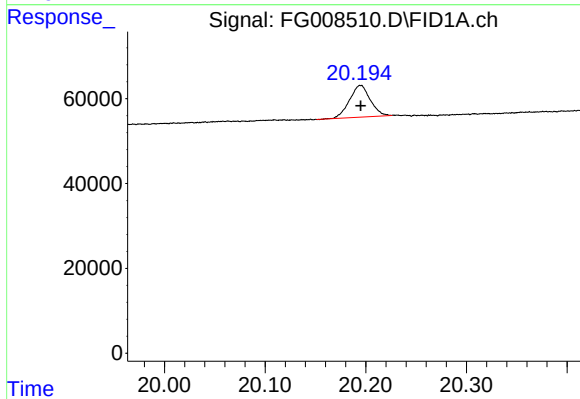
#14 N-DOTRIACONTANE

R.T.: 18.667 min
Delta R.T.: -0.002 min
Response: 163606
Conc: 1.09 ug/ml



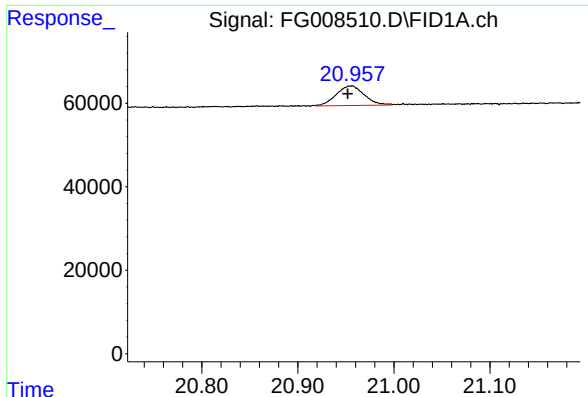
#15 N-TETRATRIACONTANE

R.T.: 19.453 min
Delta R.T.: 0.000 min
Response: 138327
Conc: 1.00 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.195 min
Delta R.T.: 0.000 min
Response: 106438
Conc: 0.90 ug/ml



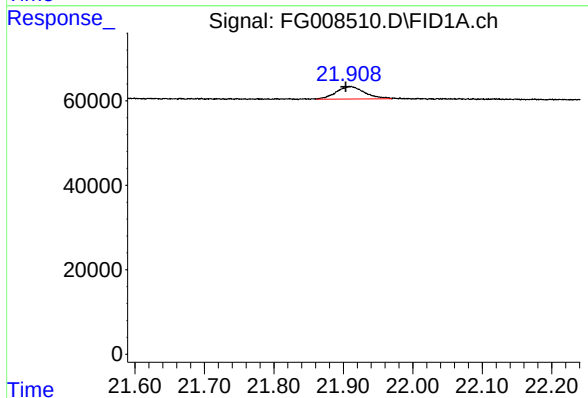
#17 N-OCTATRIACONTANE

R.T.: 20.957 min
Delta R.T.: 0.005 min
Response: 95234
Conc: 0.95 ug/ml m

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#18 N-TETRACONTANE

R.T.: 21.908 min
Delta R.T.: 0.005 min
Response: 84962
Conc: 0.94 ug/ml m