

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040623\
 Data File : FE041196.D
 Signal(s) : FID1B.ch
 Acq On : 06 Apr 2023 15:22
 Operator : YP\AJ
 Sample : 02213-10
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2023

Integration File: autoint1.e
 Quant Time: Apr 07 03:15:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE040523.M
 Quant Title :
 QLast Update : Thu Apr 06 02:04:41 2023
 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...	14.938	2299509	18.067 ug/ml
Target Compounds			
1) N-OCTANE	1.990	310965	2.077 ug/ml
2) N-DECANE	4.491	313153	2.112 ug/ml
3) N-DODECANE	6.657	320554	2.113 ug/ml
4) N-TETRADECANE	8.483	325807	2.135 ug/ml
5) N-HEXADECANE	10.089	346085	2.247 ug/ml
6) N-OCTADECANE	11.530	356245	2.329 ug/ml
7) N-EICOSANE	12.839	349654	2.318 ug/ml
8) N-DOCOSANE	14.038	351766	2.433 ug/ml
10) N-TETRACOSANE	15.142	341612	2.392 ug/ml
11) N-HEXACOSANE	16.163	333662	2.399 ug/ml
12) N-OCTACOSANE	17.114	335237	2.440 ug/ml
13) N-TRIACONTANE	18.002	349703	2.560 ug/ml
14) N-DOTRIACONTANE	18.837	370180	2.777 ug/ml
15) N-TETRATRIACONTANE	19.622	390833	3.088 ug/ml
16) N-HEXATRIACONTANE	20.363	401361	3.324 ug/ml
17) N-OCTATRIACONTANE	21.089	443923	3.590 ug/ml
18) N-TETRACONTANE	21.969	464778	3.573 ug/ml

(f)=RT Delta > 1/2 Window

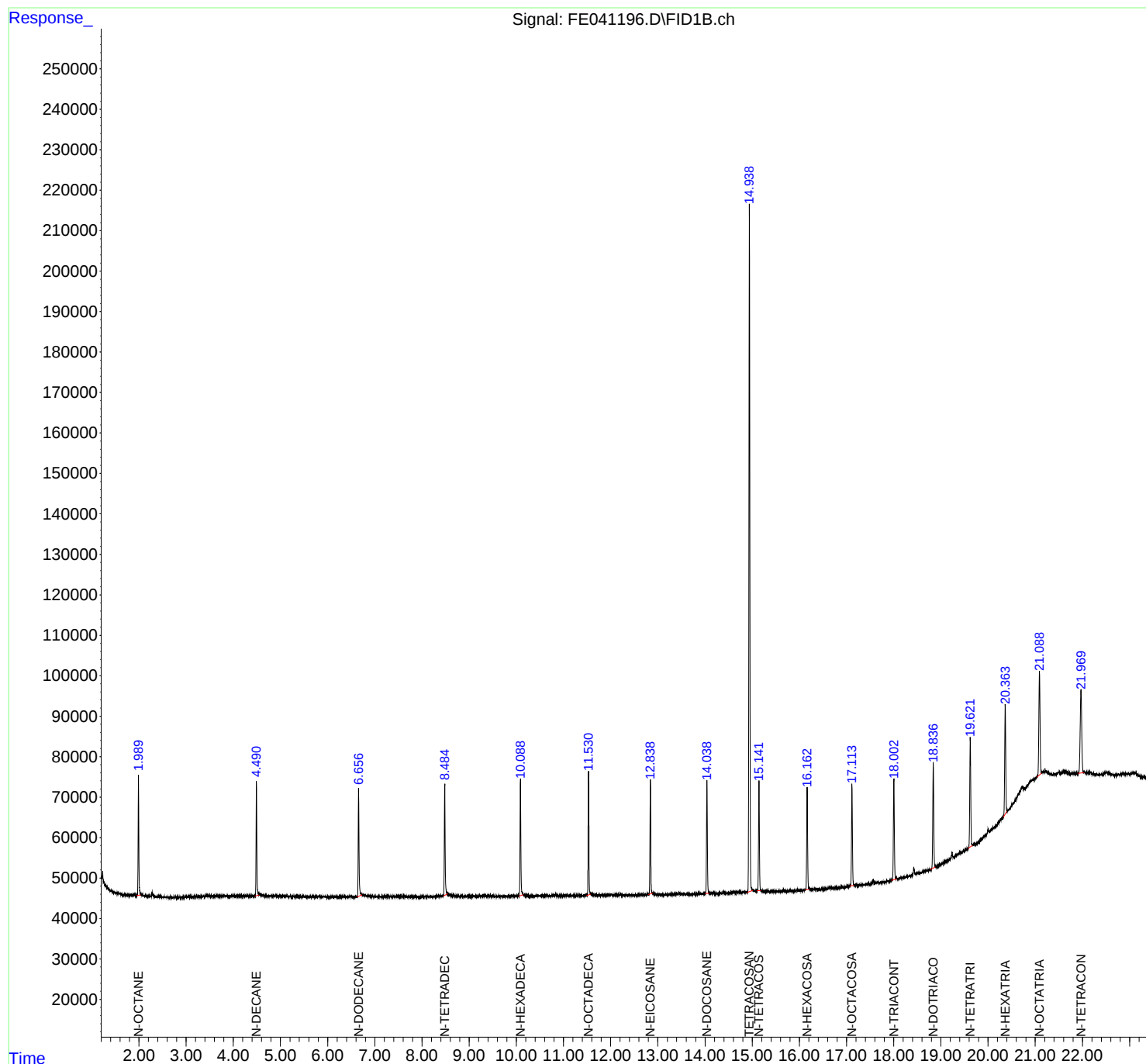
(m)=manual int.

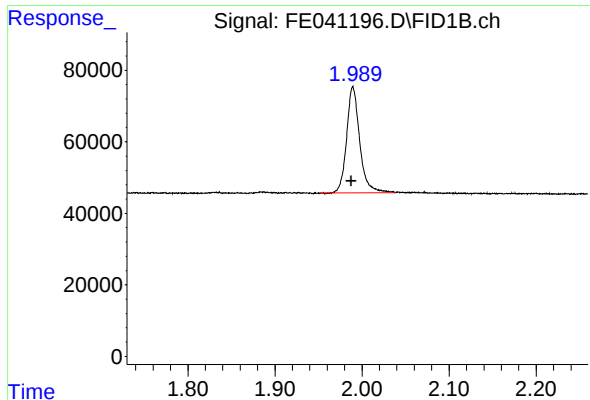
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#1 N-OCTANE

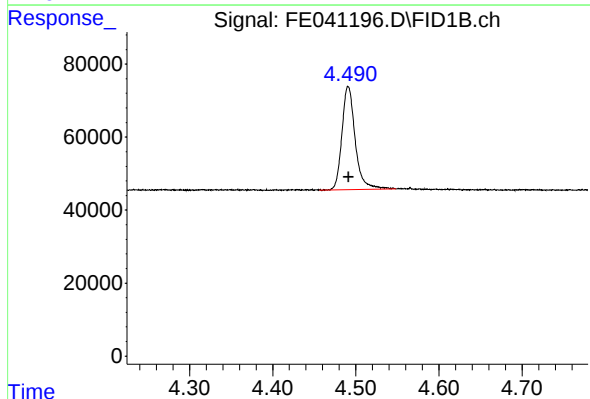
R.T.: 1.990 min
Delta R.T.: 0.002 min
Response: 310965
Conc: 2.08 ug/ml

Instrument :

FID_E

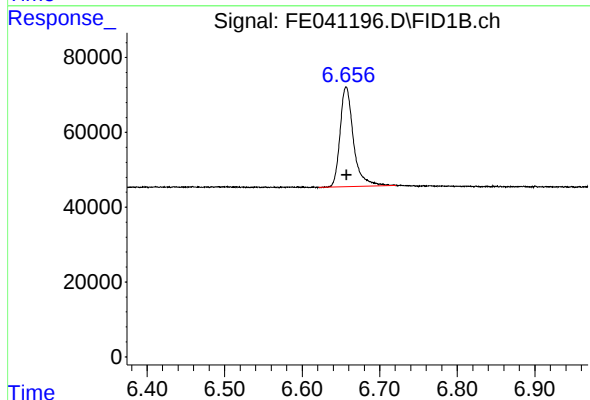
ClientSampleId :

LOD-MDL-WATER-04-QT2-2023



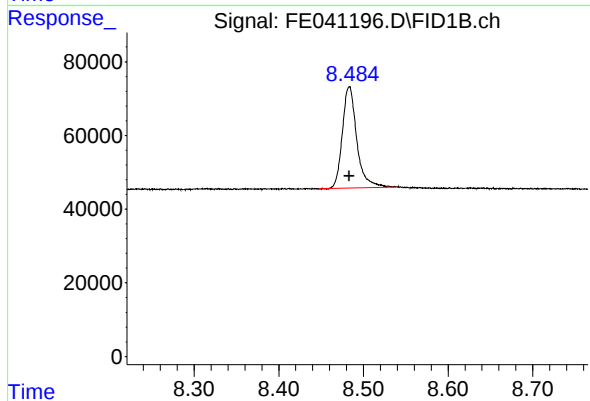
#2 N-DECANE

R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 313153
Conc: 2.11 ug/ml



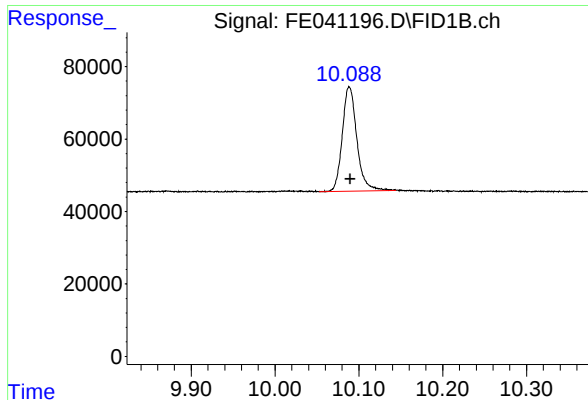
#3 N-DODECANE

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 320554
Conc: 2.11 ug/ml



#4 N-TETRADECANE

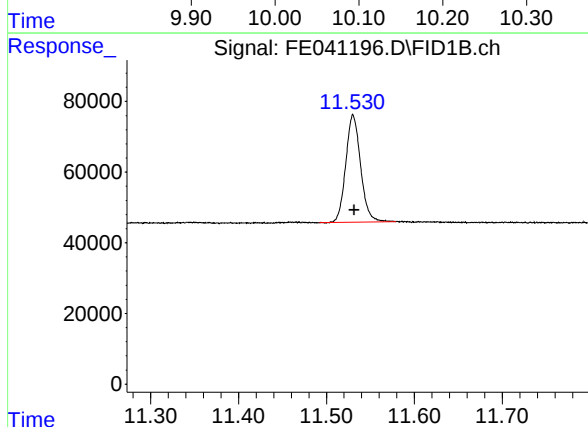
R.T.: 8.483 min
Delta R.T.: 0.000 min
Response: 325807
Conc: 2.14 ug/ml



#5 N-HEXADECANE

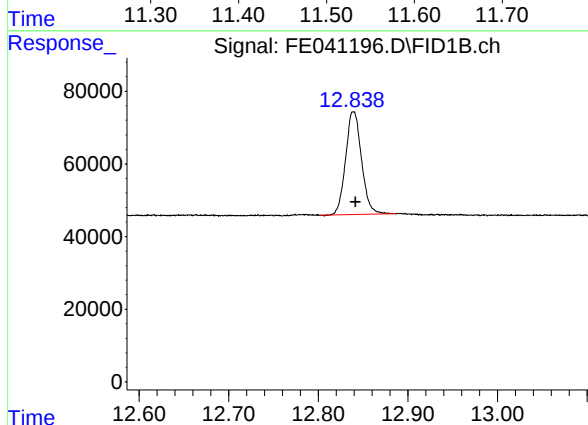
R.T.: 10.089 min
Delta R.T.: -0.001 min
Response: 346085
Conc: 2.25 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-WATER-04-QT2-2023



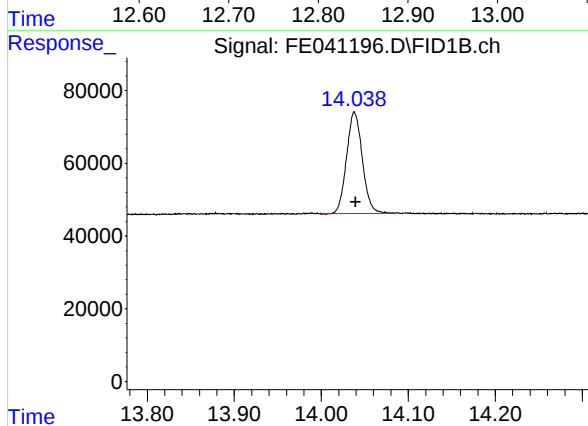
#6 N-OCTADECANE

R.T.: 11.530 min
Delta R.T.: -0.001 min
Response: 356245
Conc: 2.33 ug/ml



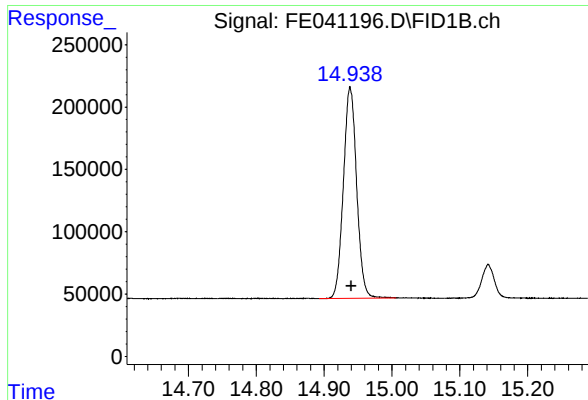
#7 N-EICOSANE

R.T.: 12.839 min
Delta R.T.: -0.002 min
Response: 349654
Conc: 2.32 ug/ml



#8 N-DOCOSANE

R.T.: 14.038 min
Delta R.T.: -0.001 min
Response: 351766
Conc: 2.43 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

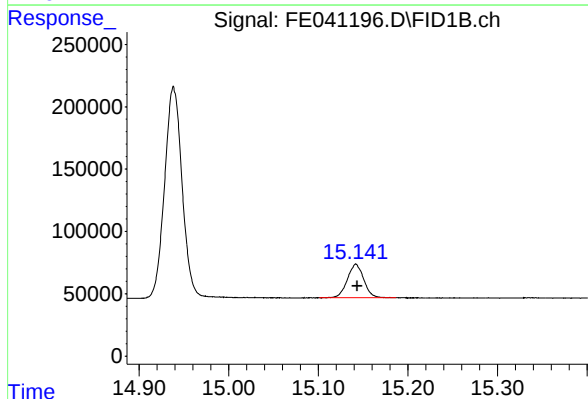
R.T.: 14.938 min
Delta R.T.: -0.002 min
Response: 2299509
Conc: 18.07 ug/ml

Instrument :

FID_E

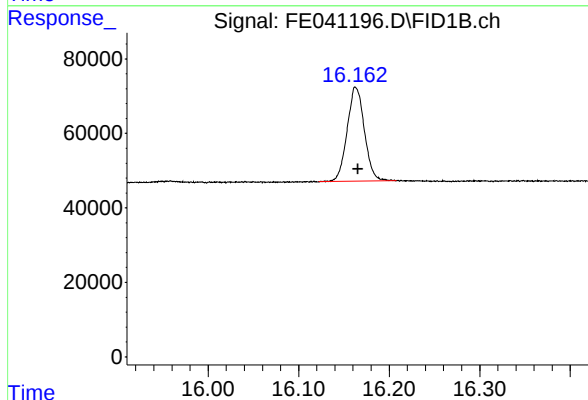
ClientSampleId :

LOD-MDL-WATER-04-QT2-2023



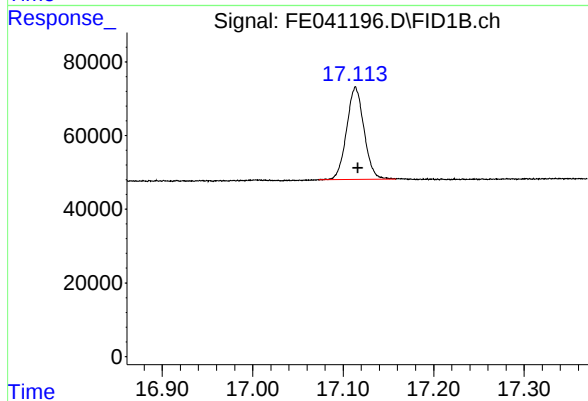
#10 N-TETRACOSANE

R.T.: 15.142 min
Delta R.T.: -0.002 min
Response: 341612
Conc: 2.39 ug/ml



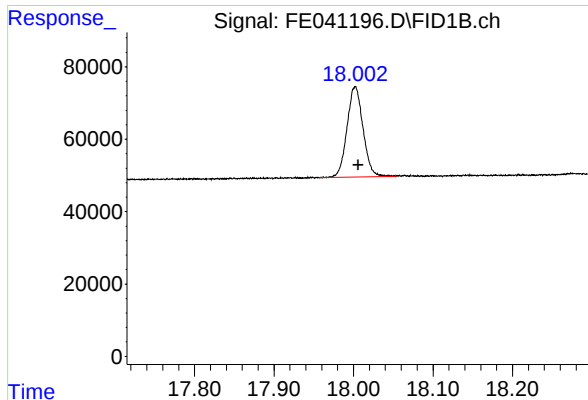
#11 N-HEXACOSANE

R.T.: 16.163 min
Delta R.T.: -0.003 min
Response: 333662
Conc: 2.40 ug/ml



#12 N-OCTACOSANE

R.T.: 17.114 min
Delta R.T.: -0.003 min
Response: 335237
Conc: 2.44 ug/ml



#13 N-TRIACONTANE

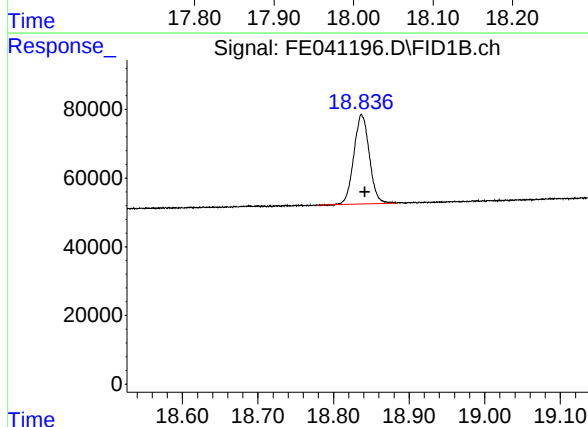
R.T.: 18.002 min
Delta R.T.: -0.004 min
Response: 349703
Conc: 2.56 ug/ml

Instrument :

FID_E

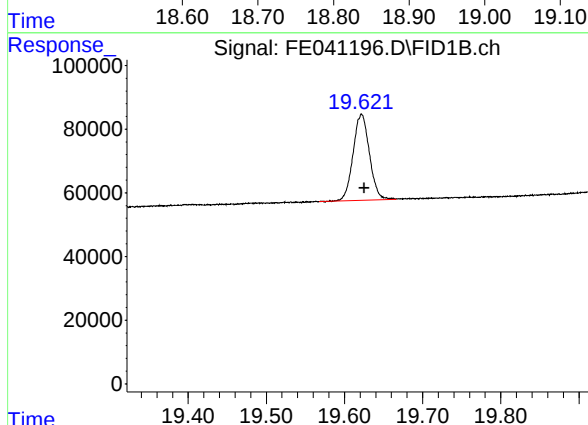
ClientSampleId :

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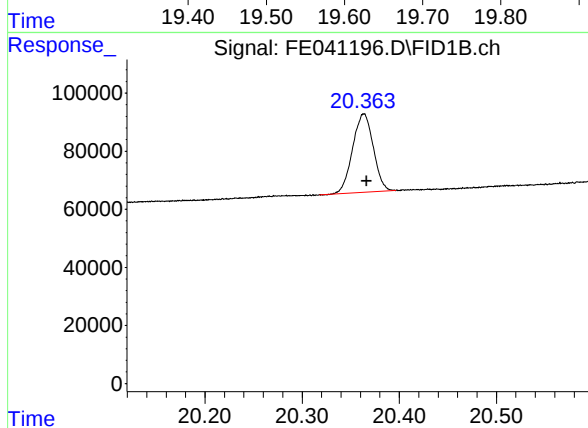
#14 N-DOTRIACONTANE

R.T.: 18.837 min
Delta R.T.: -0.004 min
Response: 370180
Conc: 2.78 ug/ml



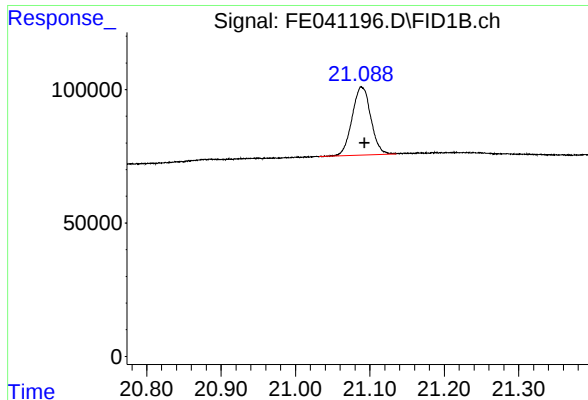
#15 N-TETRATRIACONTANE

R.T.: 19.622 min
Delta R.T.: -0.003 min
Response: 390833
Conc: 3.09 ug/ml



#16 N-HEXATRIACONTANE

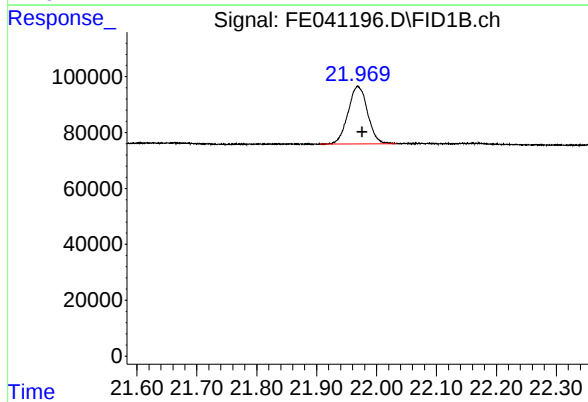
R.T.: 20.363 min
Delta R.T.: -0.003 min
Response: 401361
Conc: 3.32 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.089 min
Delta R.T.: -0.004 min
Response: 443923
Conc: 3.59 ug/ml

Instrument :
FID_E
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#18 N-TETRACONTANE

R.T.: 21.969 min
Delta R.T.: -0.007 min
Response: 464778
Conc: 3.57 ug/ml