

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040623\
 Data File : FE041197.D
 Signal(s) : FID1B.ch
 Acq On : 06 Apr 2023 15:53
 Operator : YP\AJ
 Sample : 02213-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-WATER-05-QT2-2023

Integration File: autoint1.e
 Quant Time: Apr 07 03:15:47 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...	14.939	2302920	18.093 ug/ml
Target Compounds			
1) N-OCTANE	1.989	616730	4.119 ug/ml
2) N-DECANE	4.490	637431	4.298 ug/ml
3) N-DODECANE	6.656	665423	4.386 ug/ml
4) N-TETRADECANE	8.482	673117	4.411 ug/ml
5) N-HEXADECANE	10.088	690611	4.484 ug/ml
6) N-OCTADECANE	11.530	707910	4.628 ug/ml
7) N-EICOSANE	12.839	688109	4.563 ug/ml
8) N-DOCOSANE	14.038	685786	4.743 ug/ml
10) N-TETRACOSANE	15.142	671375	4.701 ug/ml
11) N-HEXACOSANE	16.163	657844	4.729 ug/ml
12) N-OCTACOSANE	17.114	654564	4.765 ug/ml
13) N-TRIACONTANE	18.003	653830	4.786 ug/ml
14) N-DOTRIACONTANE	18.836	689455	5.173 ug/ml
15) N-TETRATRIACONTANE	19.621	726874	5.742 ug/ml
16) N-HEXATRIACONTANE	20.363	760799	6.301 ug/ml
17) N-OCTATRIACONTANE	21.090	827334	6.690 ug/ml
18) N-TETRACONTANE	21.969	879683	6.763 ug/ml

(f)=RT Delta > 1/2 Window

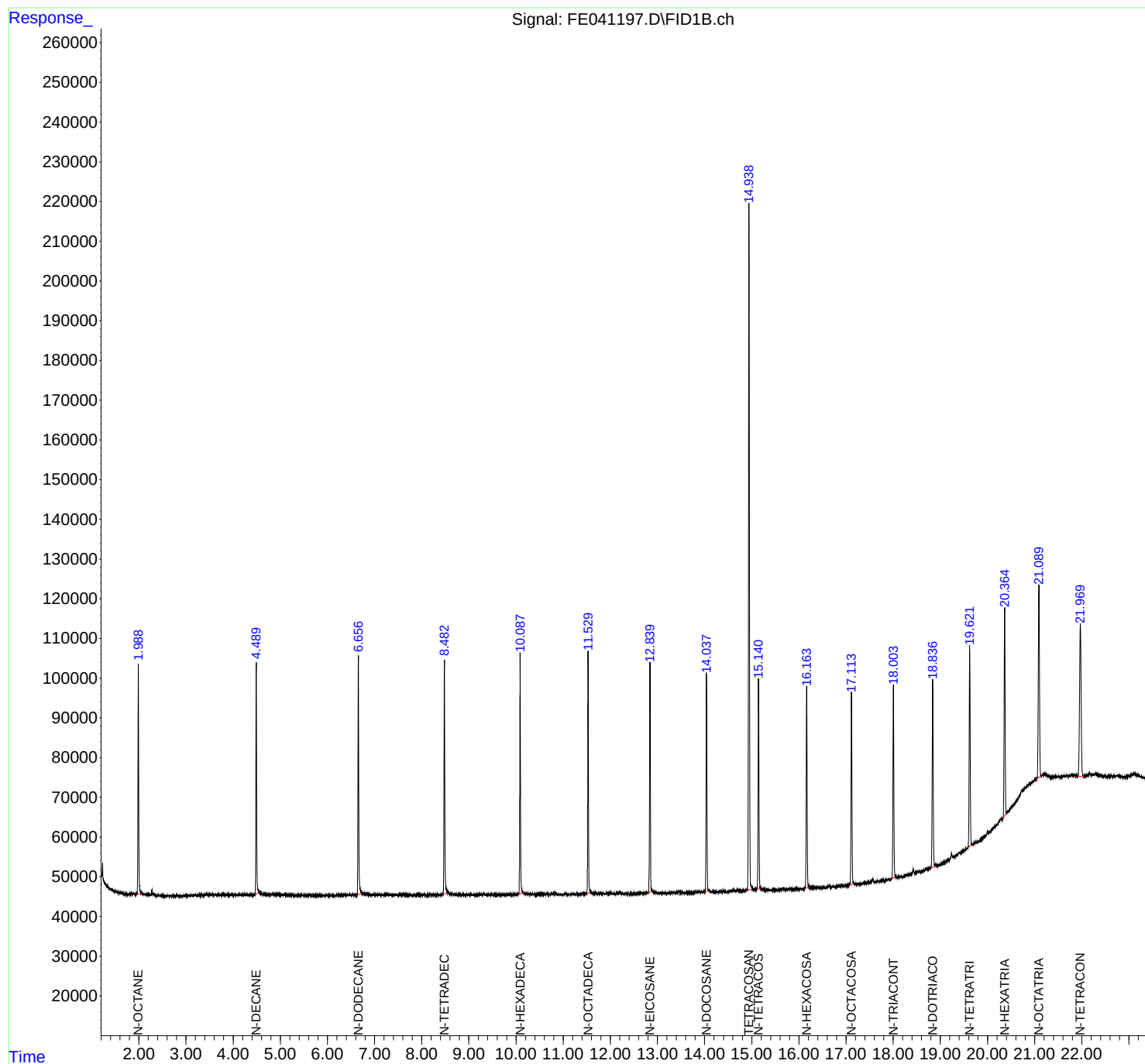
(m)=manual int.

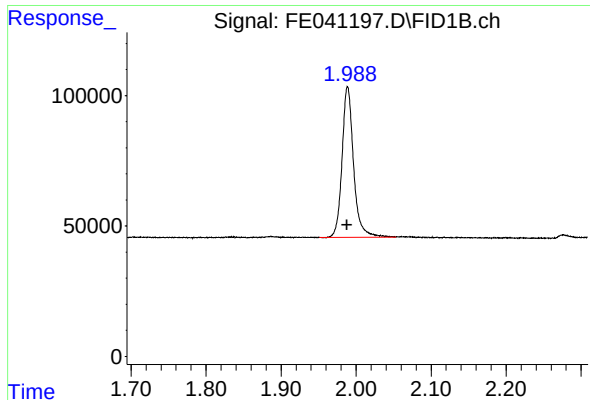
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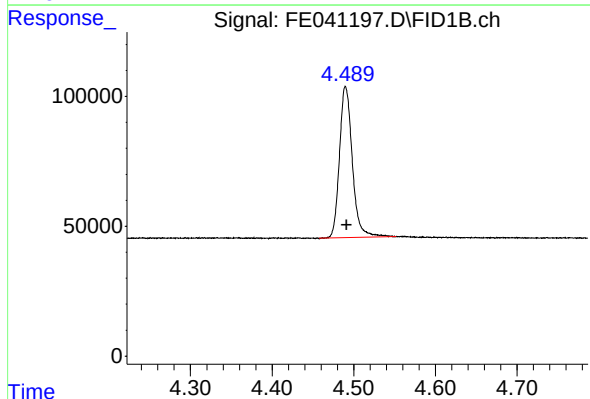




#1 N-OCTANE

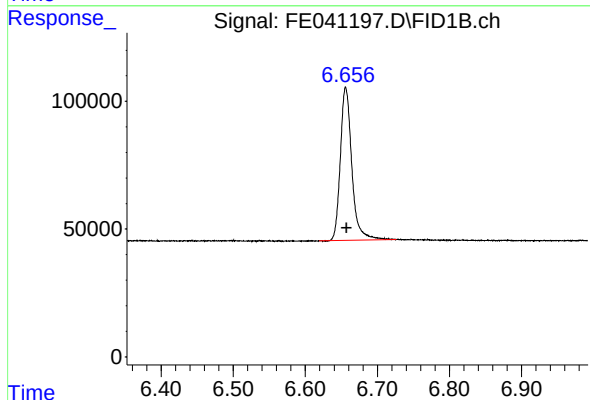
R.T.: 1.989 min
Delta R.T.: 0.000 min
Response: 616730
Conc: 4.12 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-WATER-05-QT2-2023



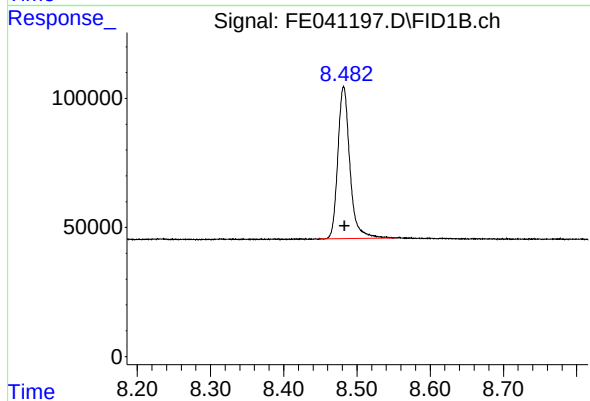
#2 N-DECANE

R.T.: 4.490 min
Delta R.T.: -0.001 min
Response: 637431
Conc: 4.30 ug/ml



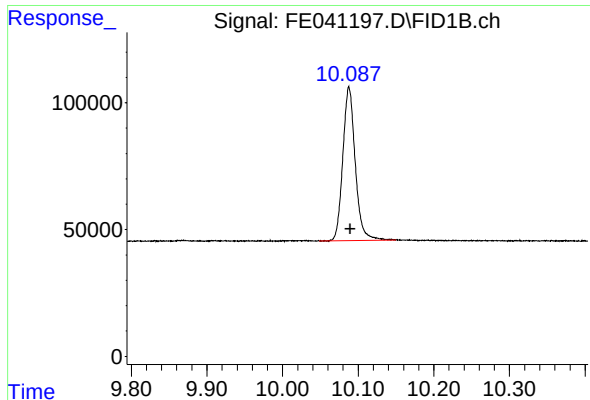
#3 N-DODECANE

R.T.: 6.656 min
Delta R.T.: -0.001 min
Response: 665423
Conc: 4.39 ug/ml



#4 N-TETRADECANE

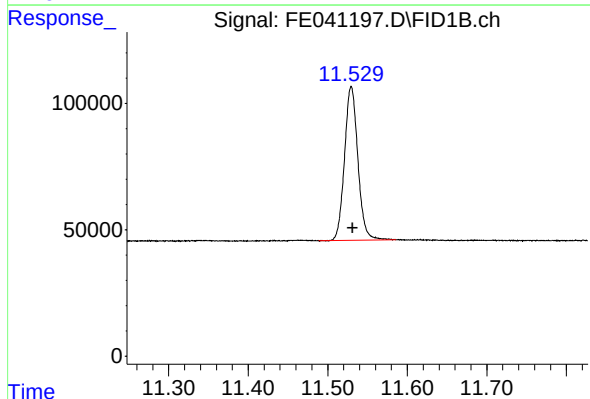
R.T.: 8.482 min
Delta R.T.: -0.001 min
Response: 673117
Conc: 4.41 ug/ml



#5 N-HEXADECANE

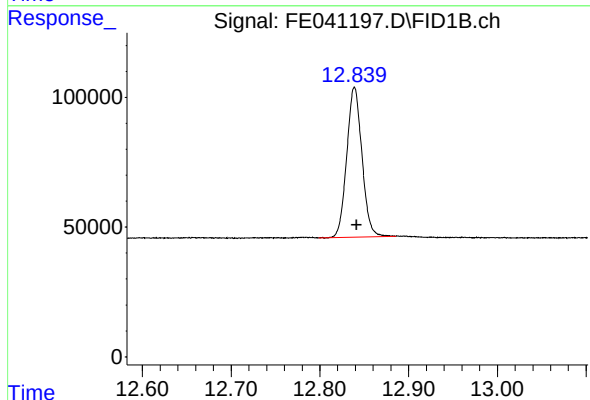
R.T.: 10.088 min
Delta R.T.: -0.002 min
Response: 690611
Conc: 4.48 ug/ml

Instrument :
FID_E
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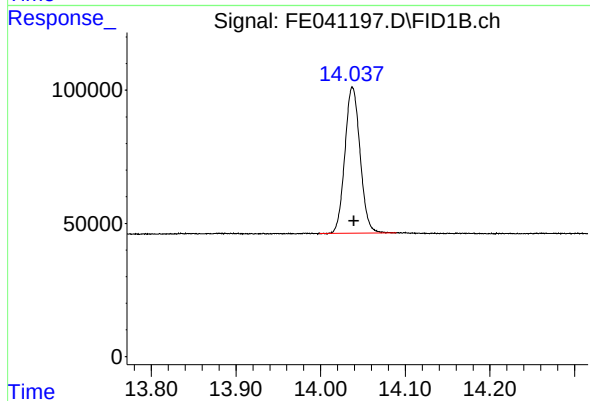
#6 N-OCTADECANE

R.T.: 11.530 min
Delta R.T.: -0.002 min
Response: 707910
Conc: 4.63 ug/ml



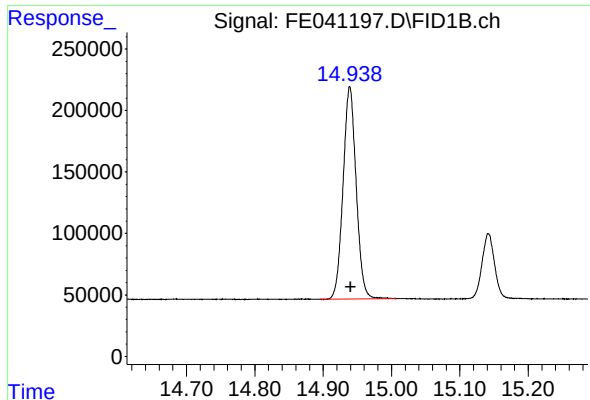
#7 N-EICOSANE

R.T.: 12.839 min
Delta R.T.: -0.002 min
Response: 688109
Conc: 4.56 ug/ml



#8 N-DOCOSANE

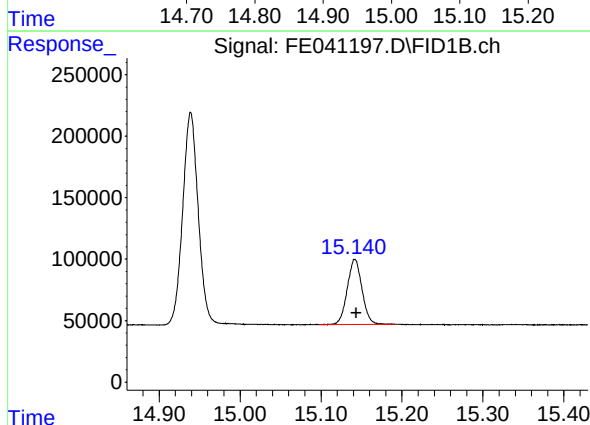
R.T.: 14.038 min
Delta R.T.: -0.002 min
Response: 685786
Conc: 4.74 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

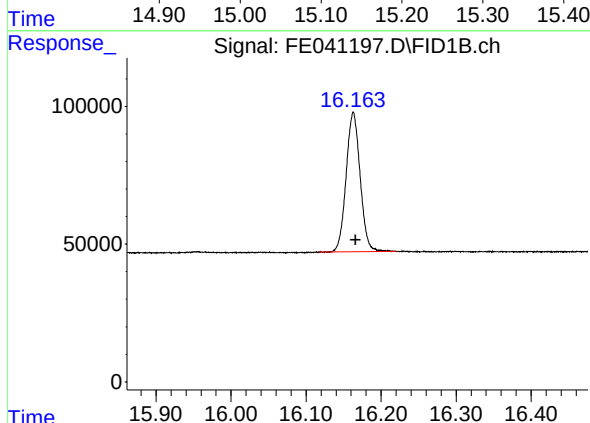
R.T.: 14.939 min
Delta R.T.: -0.001 min
Response: 2302920
Conc: 18.09 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-WATER-05-QT2-2023



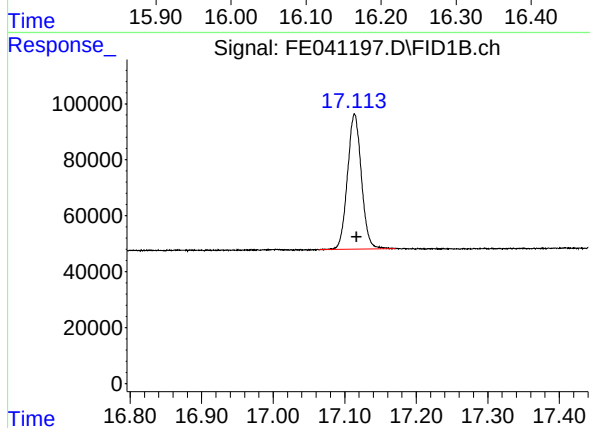
#10 N-TETRACOSANE

R.T.: 15.142 min
Delta R.T.: -0.002 min
Response: 671375
Conc: 4.70 ug/ml



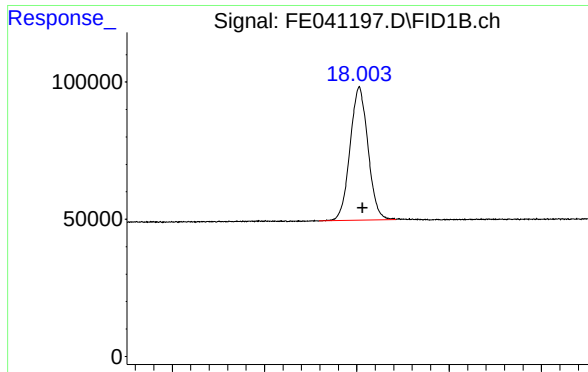
#11 N-HEXACOSANE

R.T.: 16.163 min
Delta R.T.: -0.003 min
Response: 657844
Conc: 4.73 ug/ml



#12 N-OCTACOSANE

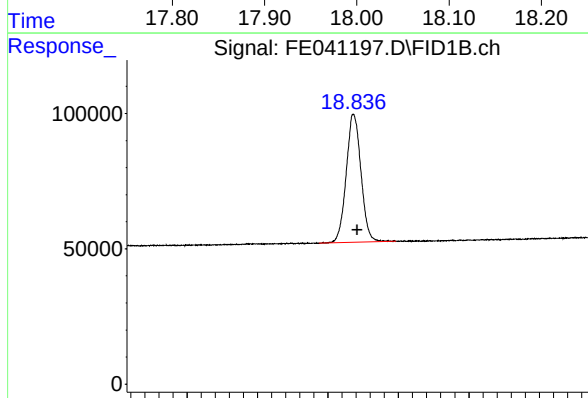
R.T.: 17.114 min
Delta R.T.: -0.003 min
Response: 654564
Conc: 4.76 ug/ml



#13 N-TRIACONTANE

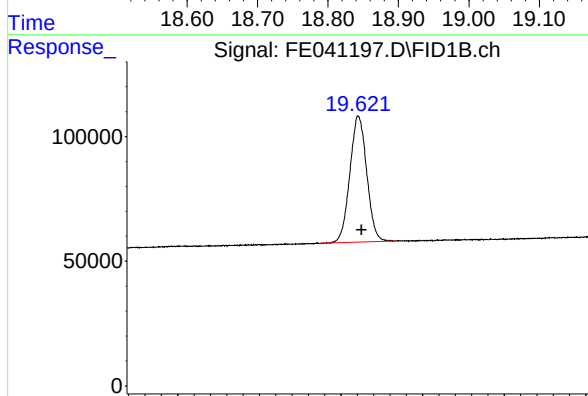
R.T.: 18.003 min
Delta R.T.: -0.004 min
Response: 653830
Conc: 4.79 ug/ml

Instrument :
FID_E
ClientSampleId :
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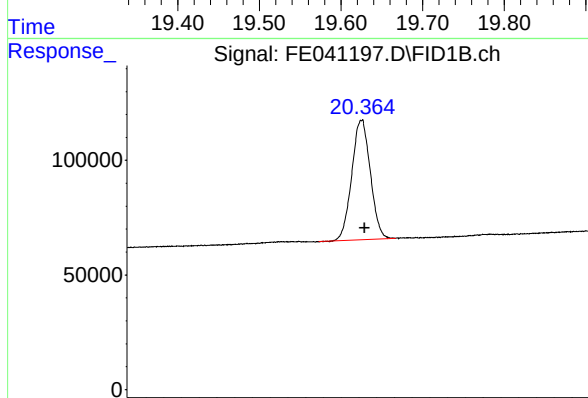
#14 N-DOTRIACONTANE

R.T.: 18.836 min
Delta R.T.: -0.005 min
Response: 689455
Conc: 5.17 ug/ml



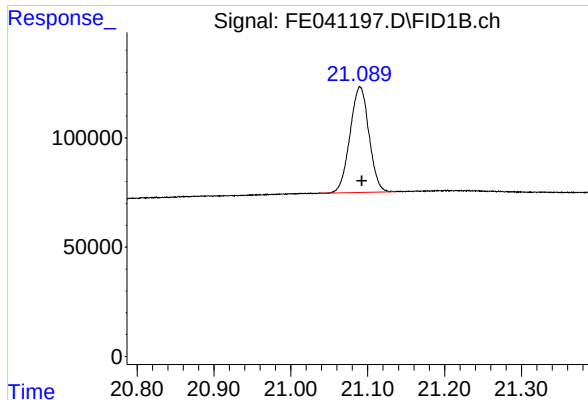
#15 N-TETRATRIACONTANE

R.T.: 19.621 min
Delta R.T.: -0.004 min
Response: 726874
Conc: 5.74 ug/ml



#16 N-HEXATRIACONTANE

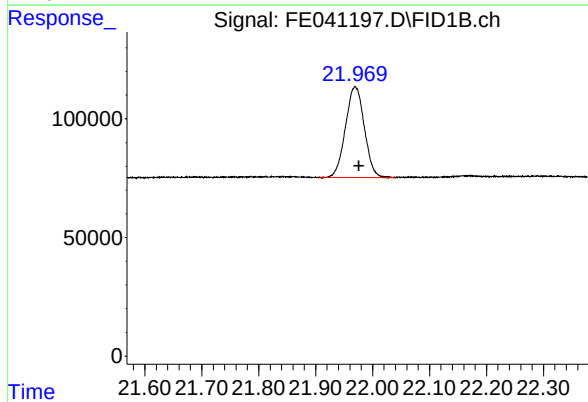
R.T.: 20.363 min
Delta R.T.: -0.003 min
Response: 760799
Conc: 6.30 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.090 min
Delta R.T.: -0.003 min
Response: 827334
Conc: 6.69 ug/ml

Instrument :
FID_E
ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 21.969 min
Delta R.T.: -0.007 min
Response: 879683
Conc: 6.76 ug/ml