

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF040823\
 Data File : FF012430.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2023 07:41
 Operator : YP\AJ
 Sample : 02213-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 15 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Apr 10 03:35:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031623.M
 Quant Title :
 QLast Update : Wed Mar 15 18:07:23 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...	15.013	1962575	17.537 ug/ml
Target Compounds			
1) N-OCTANE	2.067	593042	4.676 ug/ml
2) N-DECANE	4.580	640148	5.113 ug/ml
3) N-DODECANE	6.743	585559	4.723 ug/ml
4) N-TETRADECANE	8.571	604715	4.641 ug/ml
5) N-HEXADECANE	10.174	660656	4.951 ug/ml
6) N-OCTADECANE	11.614	674809	5.024 ug/ml
7) N-EICOSANE	12.919	668706	5.027 ug/ml
8) N-DOCOSANE	14.114	643168	5.061 ug/ml
10) N-TETRACOSANE	15.216	647275	5.190 ug/ml
11) N-HEXACOSANE	16.236	621591	5.191 ug/ml
12) N-OCTACOSANE	17.185	628484	5.464 ug/ml
13) N-TRIACONTANE	18.069	662806	6.024 ug/ml
14) N-DOTRIACONTANE	18.902	692977	6.677 ug/ml
15) N-TETRATRIACONTANE	19.685	613718	6.487 ug/ml
16) N-HEXATRIACONTANE	20.423	571140	6.519 ug/ml
17) N-OCTATRIACONTANE	21.159	498832	6.025 ug/ml
18) N-TETRACONTANE	22.073	509203	6.234 ug/ml

(f)=RT Delta > 1/2 Window

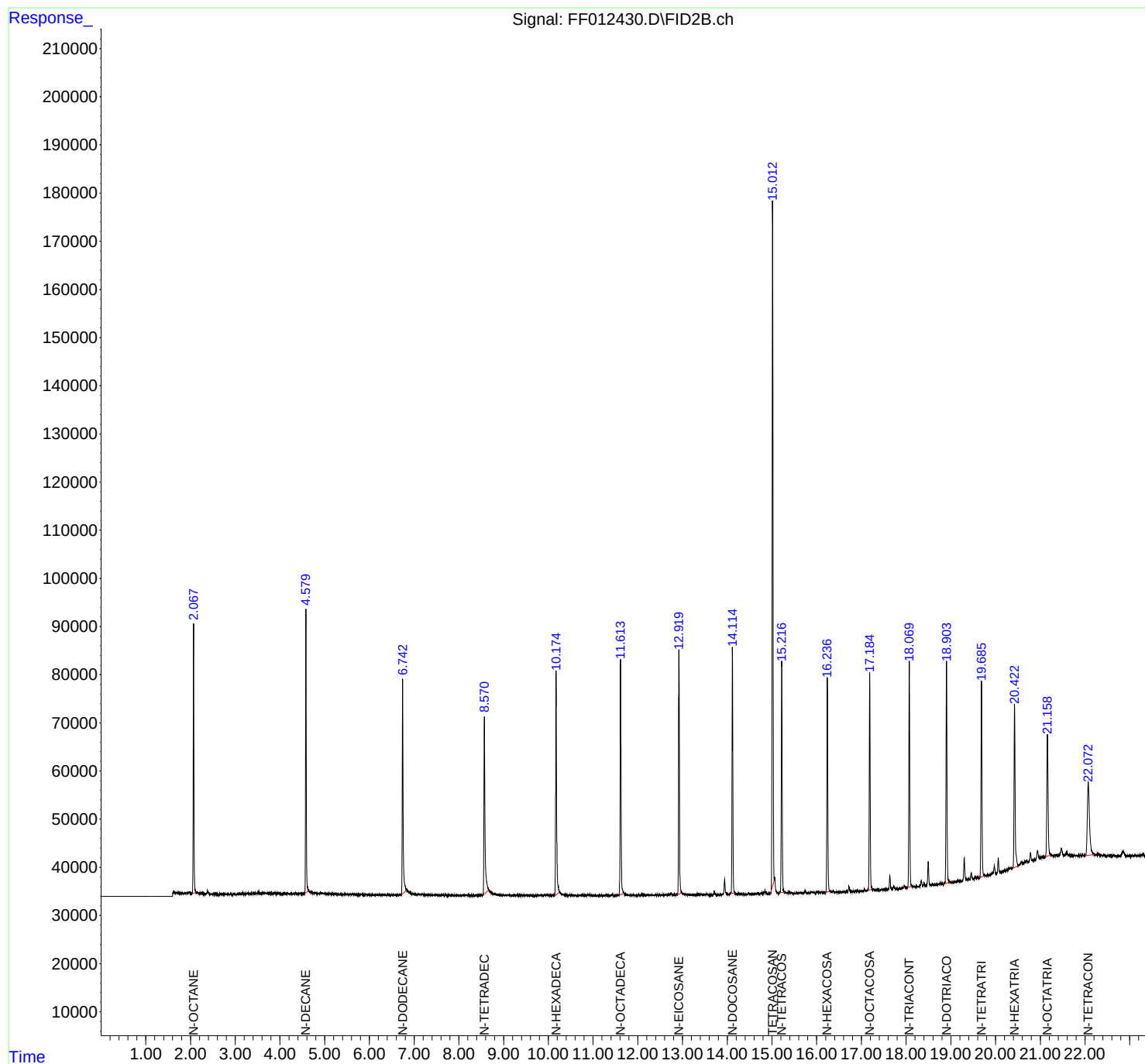
(m)=manual int.

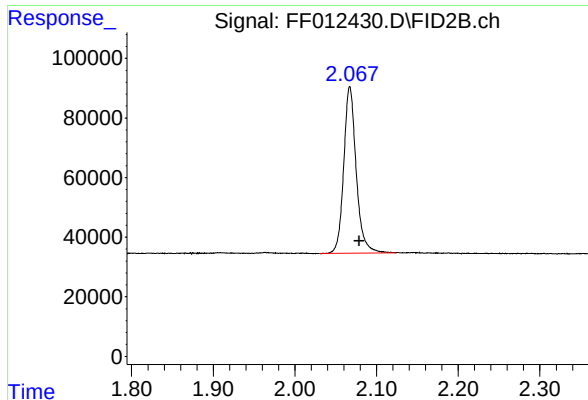
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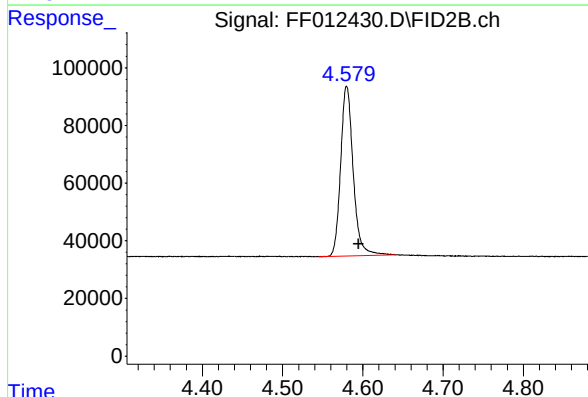




#1 N-OCTANE

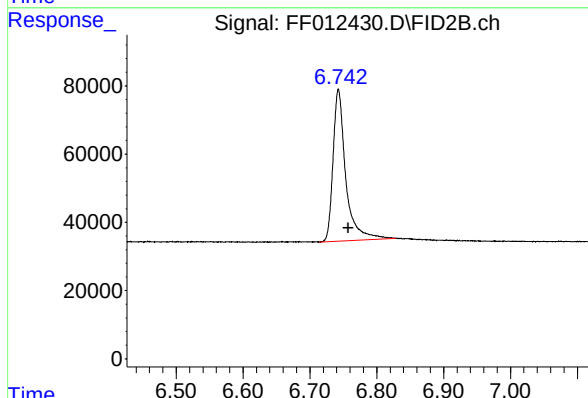
R.T.: 2.067 min
Delta R.T.: -0.012 min
Response: 593042
Conc: 4.68 ug/ml

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



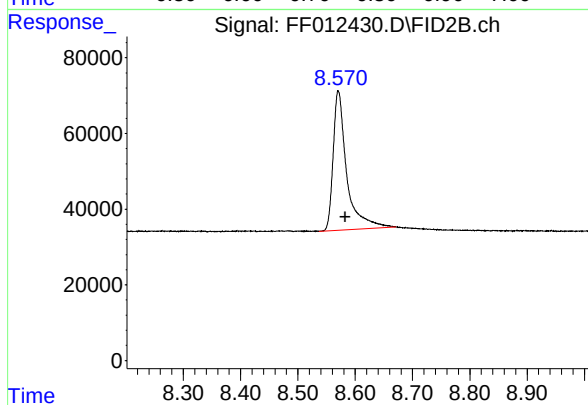
#2 N-DECANE

R.T.: 4.580 min
Delta R.T.: -0.015 min
Response: 640148
Conc: 5.11 ug/ml



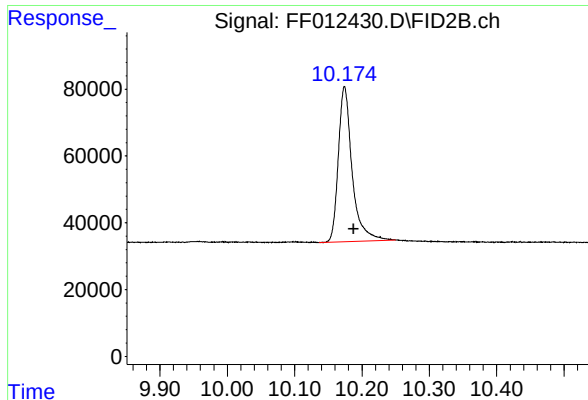
#3 N-DODECANE

R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 585559
Conc: 4.72 ug/ml



#4 N-TETRADECANE

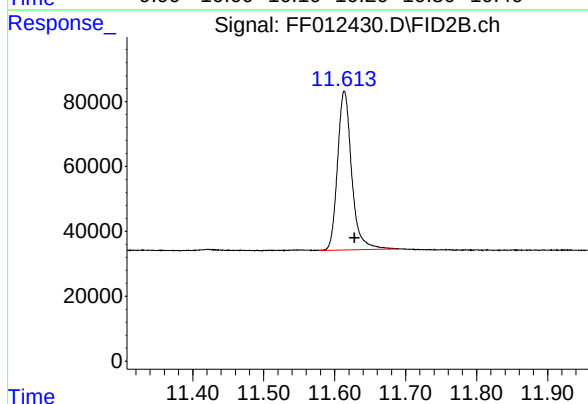
R.T.: 8.571 min
Delta R.T.: -0.012 min
Response: 604715
Conc: 4.64 ug/ml



#5 N-HEXADECANE

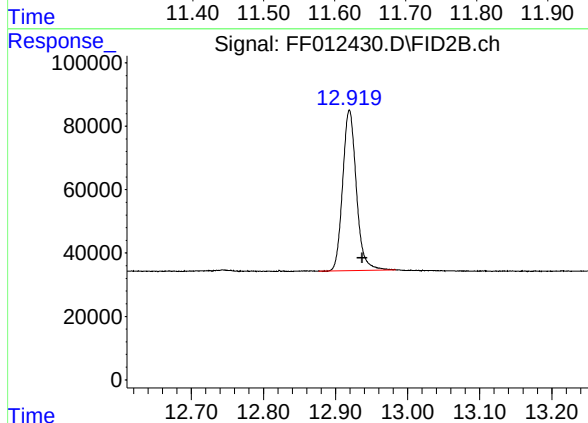
R.T.: 10.174 min
Delta R.T.: -0.014 min
Response: 660656
Conc: 4.95 ug/ml

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



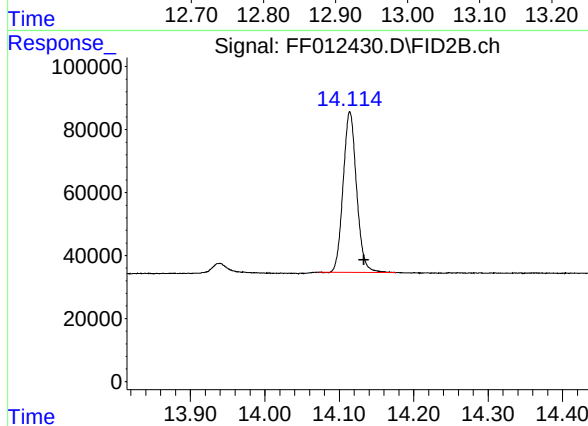
#6 N-OCTADECANE

R.T.: 11.614 min
Delta R.T.: -0.015 min
Response: 674809
Conc: 5.02 ug/ml



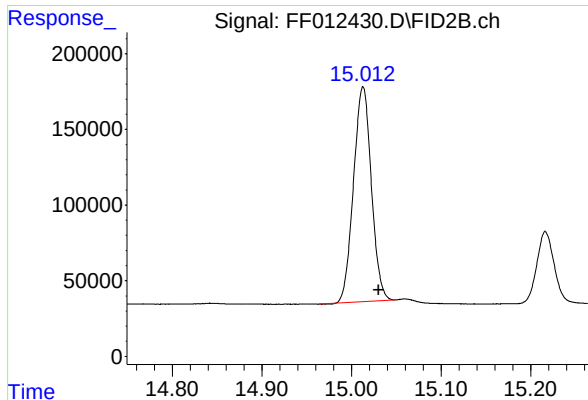
#7 N-EICOSANE

R.T.: 12.919 min
Delta R.T.: -0.018 min
Response: 668706
Conc: 5.03 ug/ml



#8 N-DOCOSANE

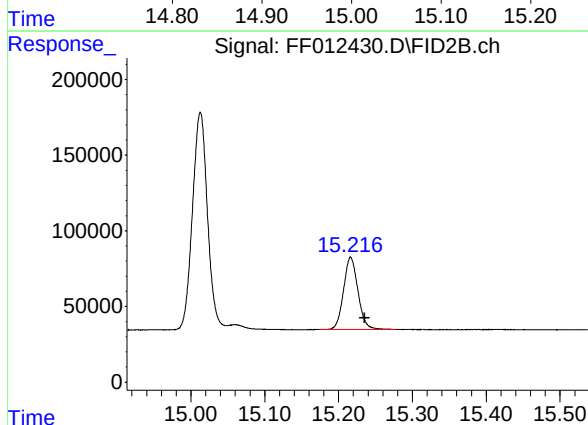
R.T.: 14.114 min
Delta R.T.: -0.019 min
Response: 643168
Conc: 5.06 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

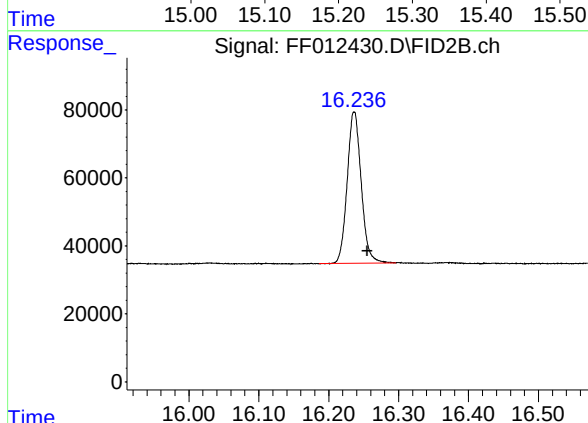
R.T.: 15.013 min
Delta R.T.: -0.017 min
Response: 1962575
Conc: 17.54 ug/ml

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



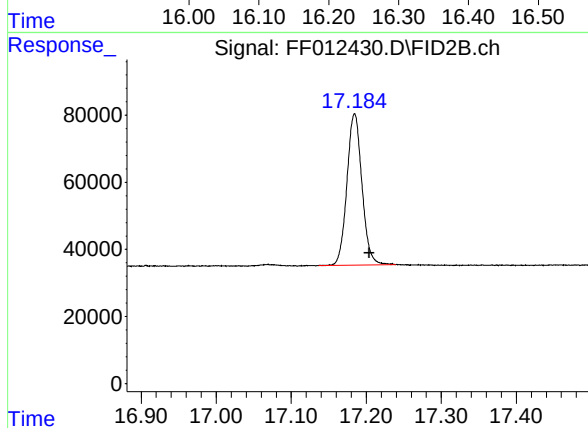
#10 N-TETRACOSANE

R.T.: 15.216 min
Delta R.T.: -0.019 min
Response: 647275
Conc: 5.19 ug/ml



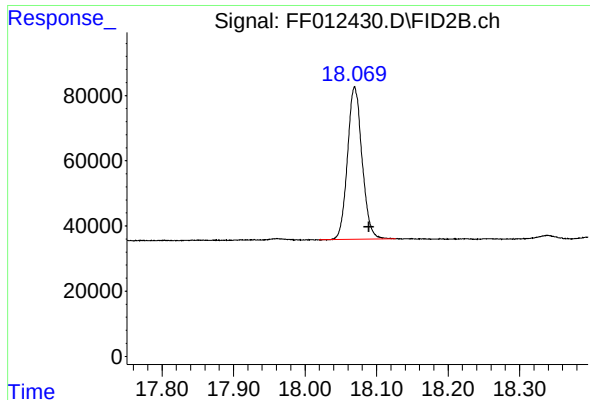
#11 N-HEXACOSANE

R.T.: 16.236 min
Delta R.T.: -0.019 min
Response: 621591
Conc: 5.19 ug/ml



#12 N-OCTACOSANE

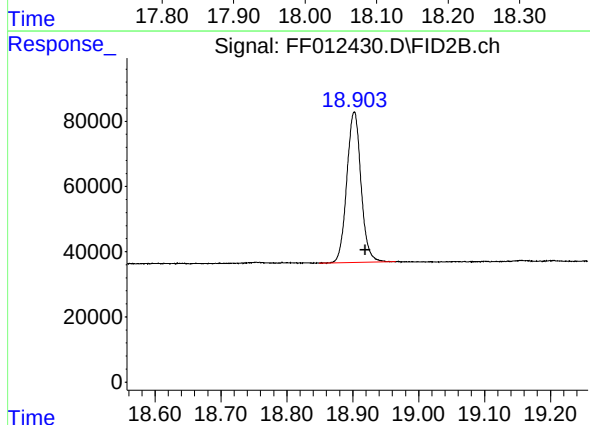
R.T.: 17.185 min
Delta R.T.: -0.020 min
Response: 628484
Conc: 5.46 ug/ml



#13 N-TRIACONTANE

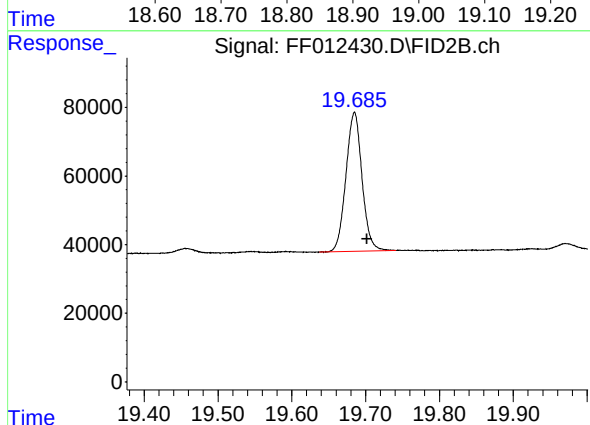
R.T.: 18.069 min
Delta R.T.: -0.020 min
Response: 662806
Conc: 6.02 ug/ml

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



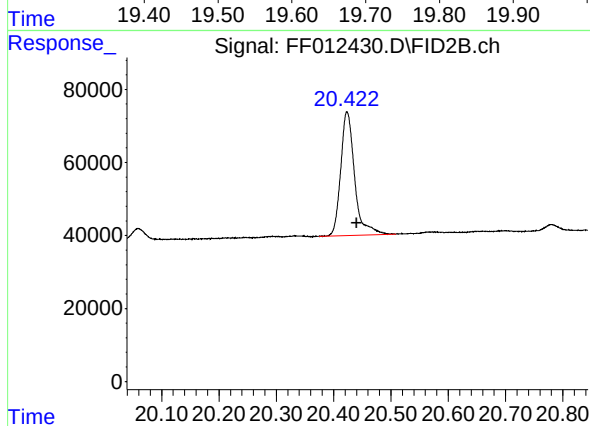
#14 N-DOTRIACONTANE

R.T.: 18.902 min
Delta R.T.: -0.017 min
Response: 692977
Conc: 6.68 ug/ml



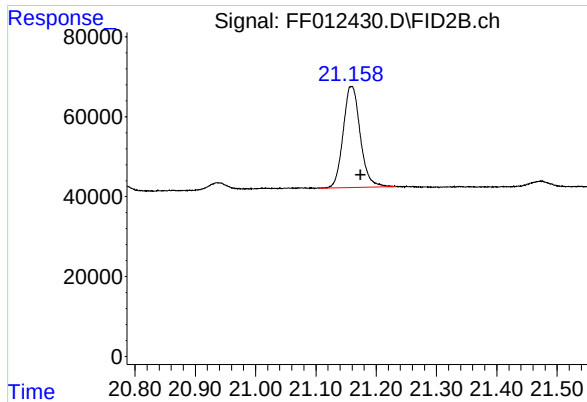
#15 N-TETRATRIACONTANE

R.T.: 19.685 min
Delta R.T.: -0.017 min
Response: 613718
Conc: 6.49 ug/ml



#16 N-HEXATRIACONTANE

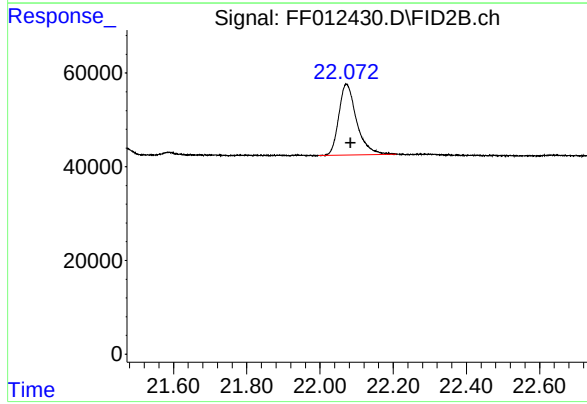
R.T.: 20.423 min
Delta R.T.: -0.016 min
Response: 571140
Conc: 6.52 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.159 min
Delta R.T.: -0.015 min
Response: 498832
Conc: 6.02 ug/ml

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



#18 N-TETRACONTANE

R.T.: 22.073 min
Delta R.T.: -0.012 min
Response: 509203
Conc: 6.23 ug/ml