

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012325\
 Data File : FF015300.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 03:03
 Operator : YP\AJ
 Sample : Q1168-10
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-04-QT1-2025

Integration File: autoint1.e
 Quant Time: Jan 24 05:07:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
 Quant Title :
 QLast Update : Tue Jan 14 11:12:55 2025
 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...	15.019	1975614	15.087 ug/ml
Target Compounds			
1) N-OCTANE	2.037	293870	2.208 ug/ml
2) N-DECANE	4.568	317178	2.380 ug/ml
3) N-DODECANE	6.732	308934	2.258 ug/ml
4) N-TETRADECANE	8.559	293922	2.251 ug/ml
5) N-HEXADECANE	10.165	288002	2.145 ug/ml
6) N-OCTADECANE	11.608	291672	1.987 ug/ml
7) N-EICOSANE	12.919	298465	2.041 ug/ml
8) N-DOCOSANE	14.117	291866	2.016 ug/ml
10) N-TETRACOSANE	15.222	293441	2.026 ug/ml
11) N-HEXACOSANE	16.244	281357	1.997 ug/ml
12) N-OCTACOSANE	17.195	276926	2.021 ug/ml
13) N-TRIACONTANE	18.085	280489	2.109 ug/ml
14) N-DOTRIACONTANE	18.919	278022	2.189 ug/ml
15) N-TETRATRIACONTANE	19.703	247076	2.230 ug/ml
16) N-HEXATRIACONTANE	20.446	200895	2.222 ug/ml
17) N-OCTATRIACONTANE	21.186	180105	2.229 ug/ml
18) N-TETRACONTANE	22.105	150906	1.989 ug/ml

(f)=RT Delta > 1/2 Window

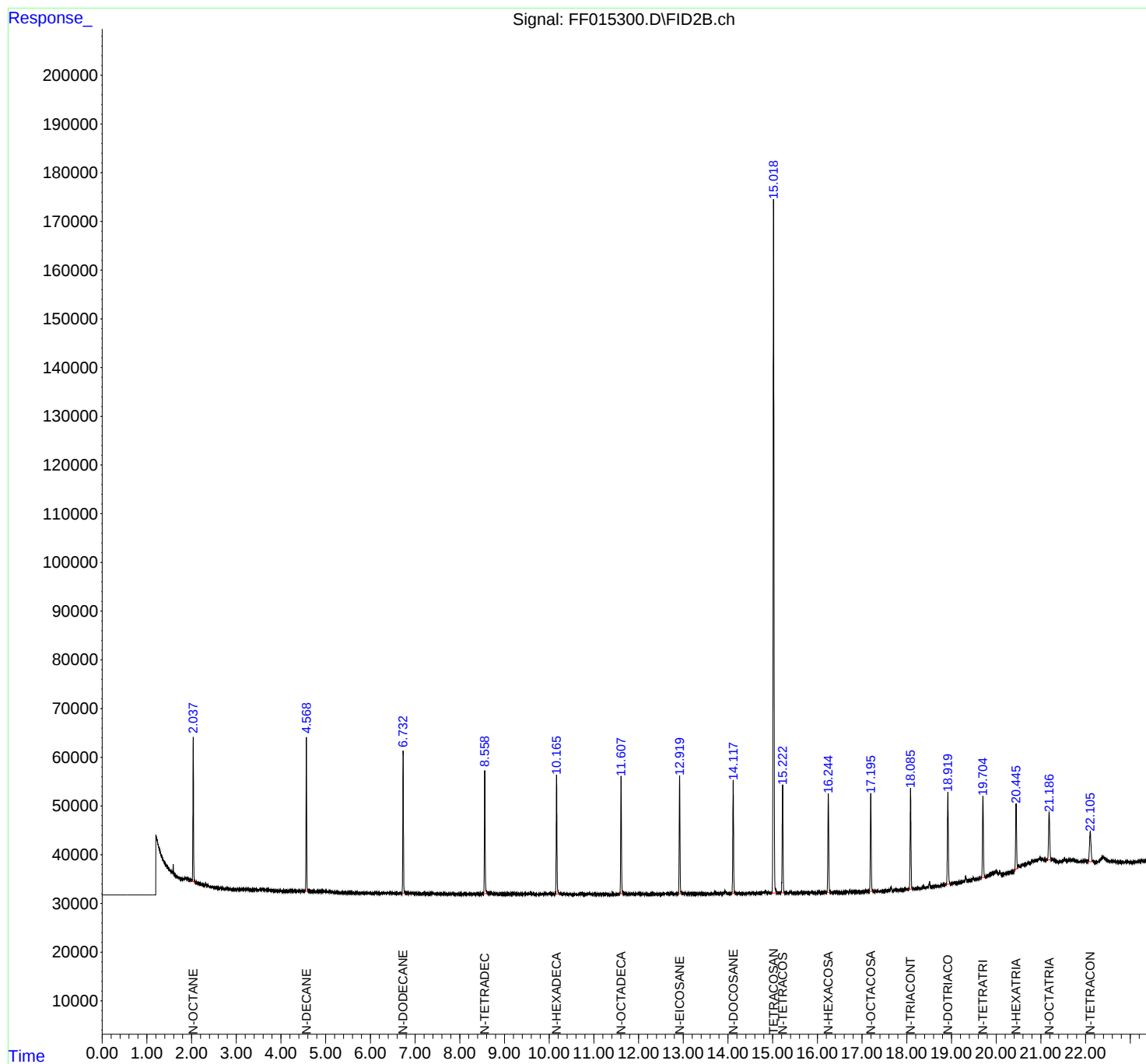
(m)=manual int.

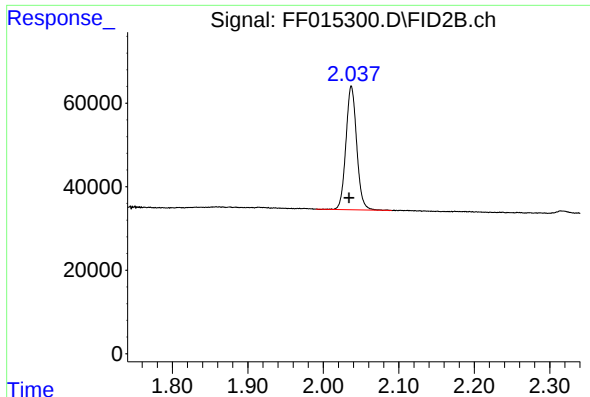
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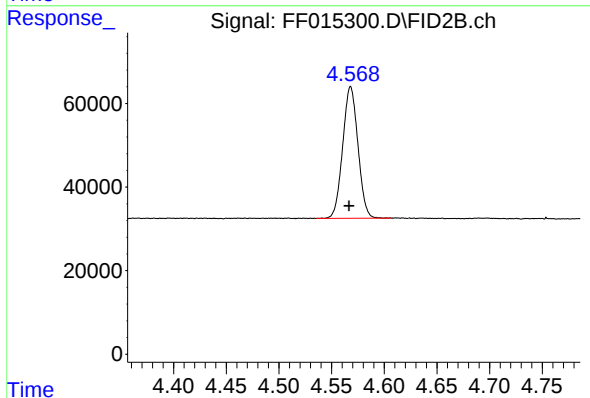




#1 N-OCTANE

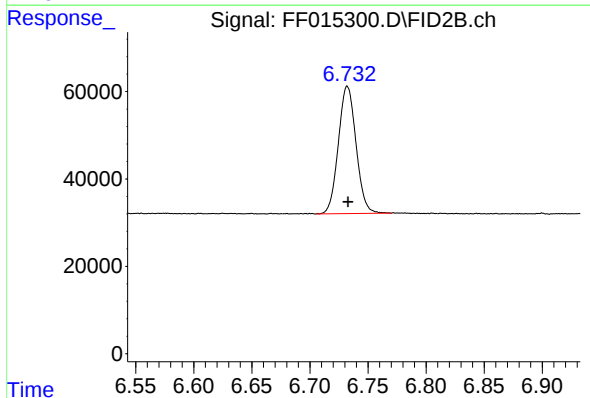
R.T.: 2.037 min
Delta R.T.: 0.003 min
Response: 293870
Conc: 2.21 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-04-QT1-2025



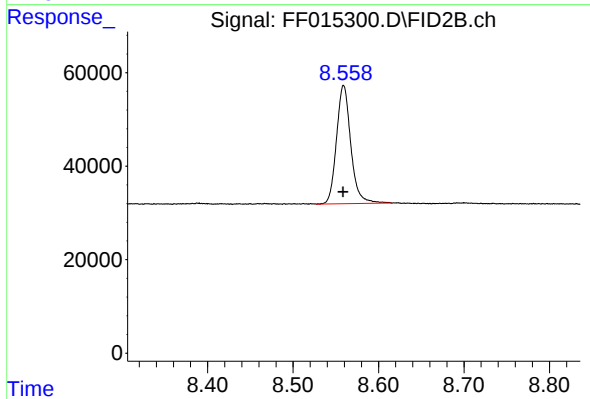
#2 N-DECANE

R.T.: 4.568 min
Delta R.T.: 0.001 min
Response: 317178
Conc: 2.38 ug/ml



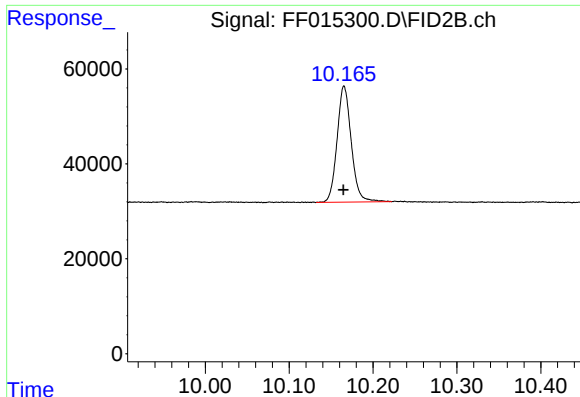
#3 N-DODECANE

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 308934
Conc: 2.26 ug/ml



#4 N-TETRADECANE

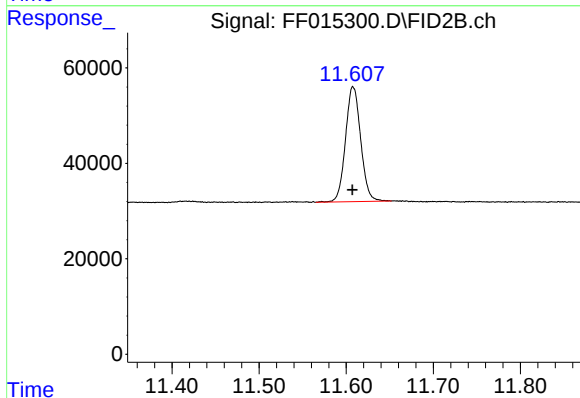
R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 293922
Conc: 2.25 ug/ml



#5 N-HEXADECANE

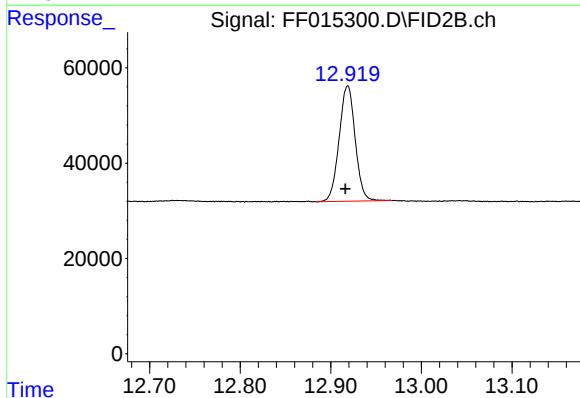
R.T.: 10.165 min
Delta R.T.: 0.000 min
Response: 288002
Conc: 2.15 ug/ml

Instrument :
FID_F
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LOD-MDL-WATER-04-QT1-2025



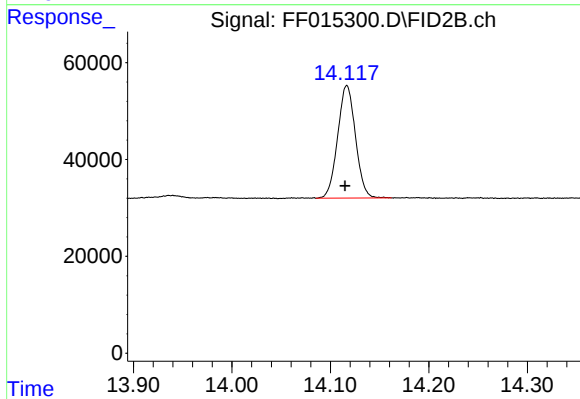
#6 N-OCTADECANE

R.T.: 11.608 min
Delta R.T.: 0.000 min
Response: 291672
Conc: 1.99 ug/ml



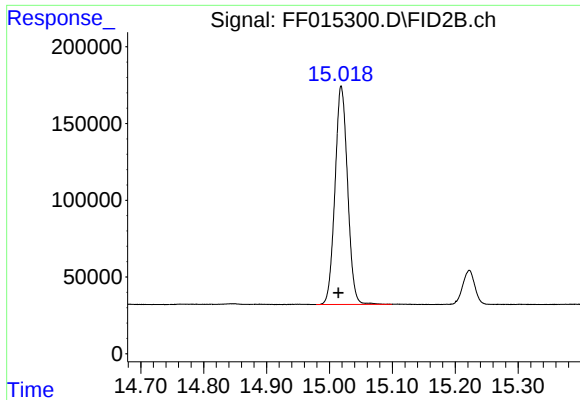
#7 N-EICOSANE

R.T.: 12.919 min
Delta R.T.: 0.003 min
Response: 298465
Conc: 2.04 ug/ml



#8 N-DOCOSANE

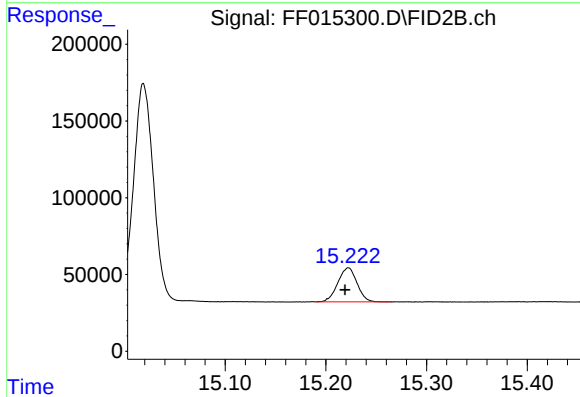
R.T.: 14.117 min
Delta R.T.: 0.002 min
Response: 291866
Conc: 2.02 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

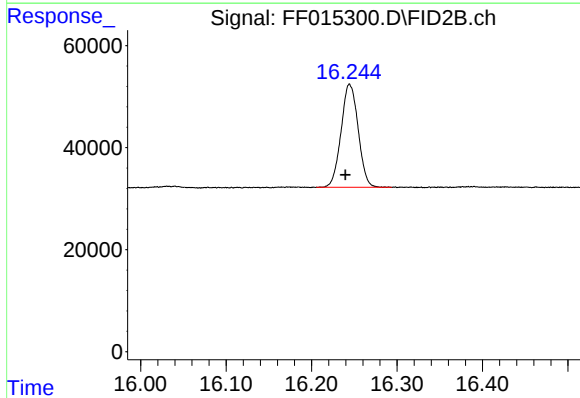
R.T.: 15.019 min
Delta R.T.: 0.004 min
Response: 1975614
Conc: 15.09 ug/ml

Instrument :
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ClientSampleId :
LOD-MDL-WATER-04-QT1-2025



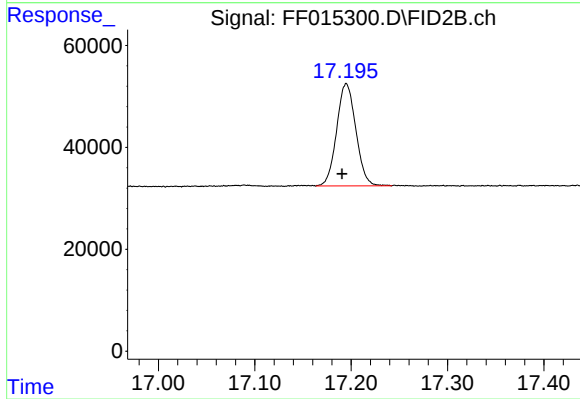
#10 N-TETRACOSANE

R.T.: 15.222 min
Delta R.T.: 0.003 min
Response: 293441
Conc: 2.03 ug/ml



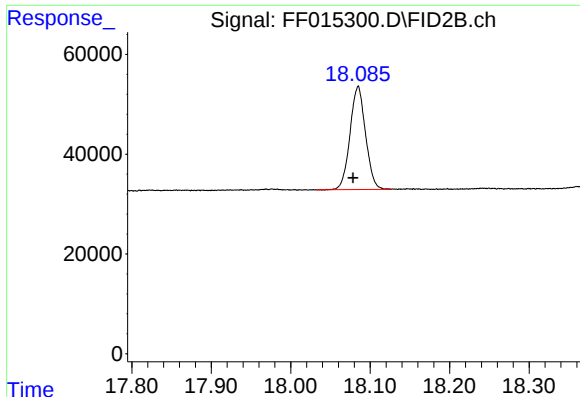
#11 N-HEXACOSANE

R.T.: 16.244 min
Delta R.T.: 0.005 min
Response: 281357
Conc: 2.00 ug/ml



#12 N-OCTACOSANE

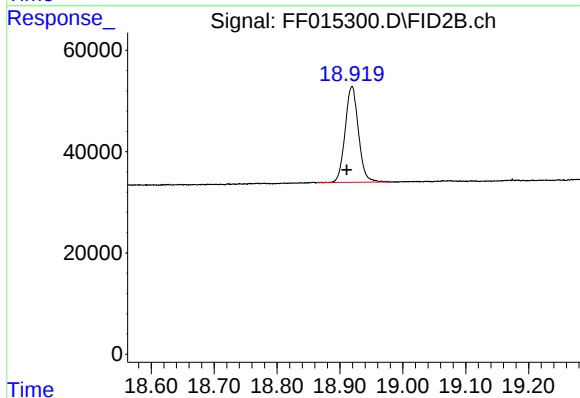
R.T.: 17.195 min
Delta R.T.: 0.004 min
Response: 276926
Conc: 2.02 ug/ml



#13 N-TRIACONTANE

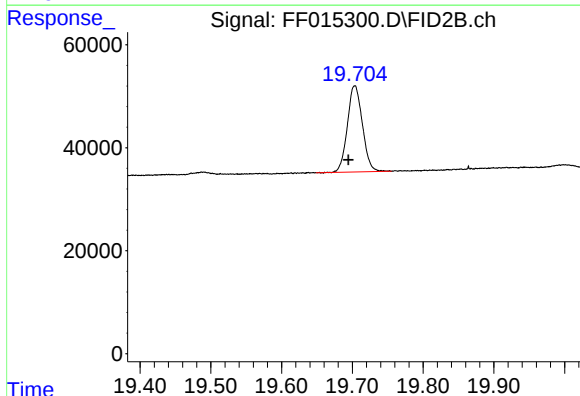
R.T.: 18.085 min
Delta R.T.: 0.006 min
Response: 280489
Conc: 2.11 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-04-QT1-2025



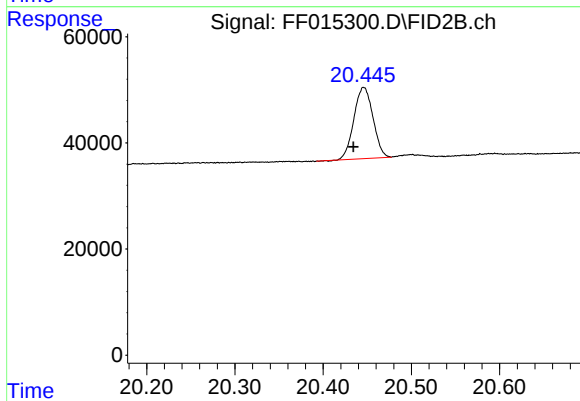
#14 N-DOTRIACONTANE

R.T.: 18.919 min
Delta R.T.: 0.009 min
Response: 278022
Conc: 2.19 ug/ml



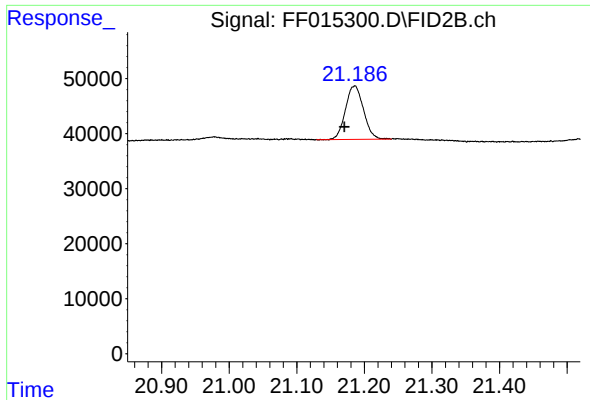
#15 N-TETRATRIACONTANE

R.T.: 19.703 min
Delta R.T.: 0.009 min
Response: 247076
Conc: 2.23 ug/ml



#16 N-HEXATRIACONTANE

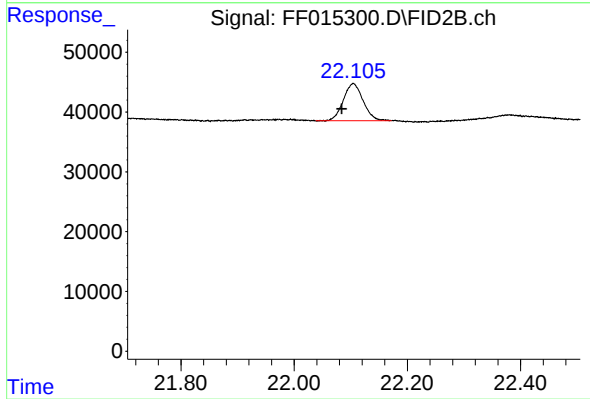
R.T.: 20.446 min
Delta R.T.: 0.012 min
Response: 200895
Conc: 2.22 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.186 min
Delta R.T.: 0.016 min
Response: 180105
Conc: 2.23 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-04-QT1-2025



#18 N-TETRACONTANE

R.T.: 22.105 min
Delta R.T.: 0.021 min
Response: 150906
Conc: 1.99 ug/ml