

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082625\
 Data File : FF016227.D
 Signal(s) : FID2B.ch
 Acq On : 26 Aug 2025 13:35
 Operator : YP\AJ
 Sample : Q2893-10
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-04-QT3-2025

Integration File: autoint1.e
 Quant Time: Aug 26 13:44:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080625.M
 Quant Title :
 QLast Update : Wed Aug 06 13:50:48 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...	15.079	2357553	21.121 ug/ml
Target Compounds			
1) N-OCTANE	2.059	297401	2.614 ug/ml
2) N-DECANE	4.596	319715	2.746 ug/ml
3) N-DODECANE	6.773	321151	2.719 ug/ml
4) N-TETRADECANE	8.607	335317	2.773 ug/ml
5) N-HEXADECANE	10.216	339807	2.796 ug/ml
6) N-OCTADECANE	11.662	358120	2.861 ug/ml
7) N-EICOSANE	12.975	371422	2.870 ug/ml
8) N-DOCOSANE	14.175	362476	2.867 ug/ml
10) N-TETRACOSANE	15.280	368473	2.907 ug/ml
11) N-HEXACOSANE	16.304	354928	2.867 ug/ml
12) N-OCTACOSANE	17.257	362316	2.895 ug/ml
13) N-TRIACONTANE	18.147	386905	3.029 ug/ml
14) N-DOTRIACONTANE	18.981	382575	3.074 ug/ml
15) N-TETRATRIACONTANE	19.769	332980	2.975 ug/ml
16) N-HEXATRIACONTANE	20.511	260187	2.827 ug/ml
17) N-OCTATRIACONTANE	21.273	221394	2.898 ug/ml
18) N-TETRACONTANE	22.225	194035	2.953 ug/ml

(f)=RT Delta > 1/2 Window

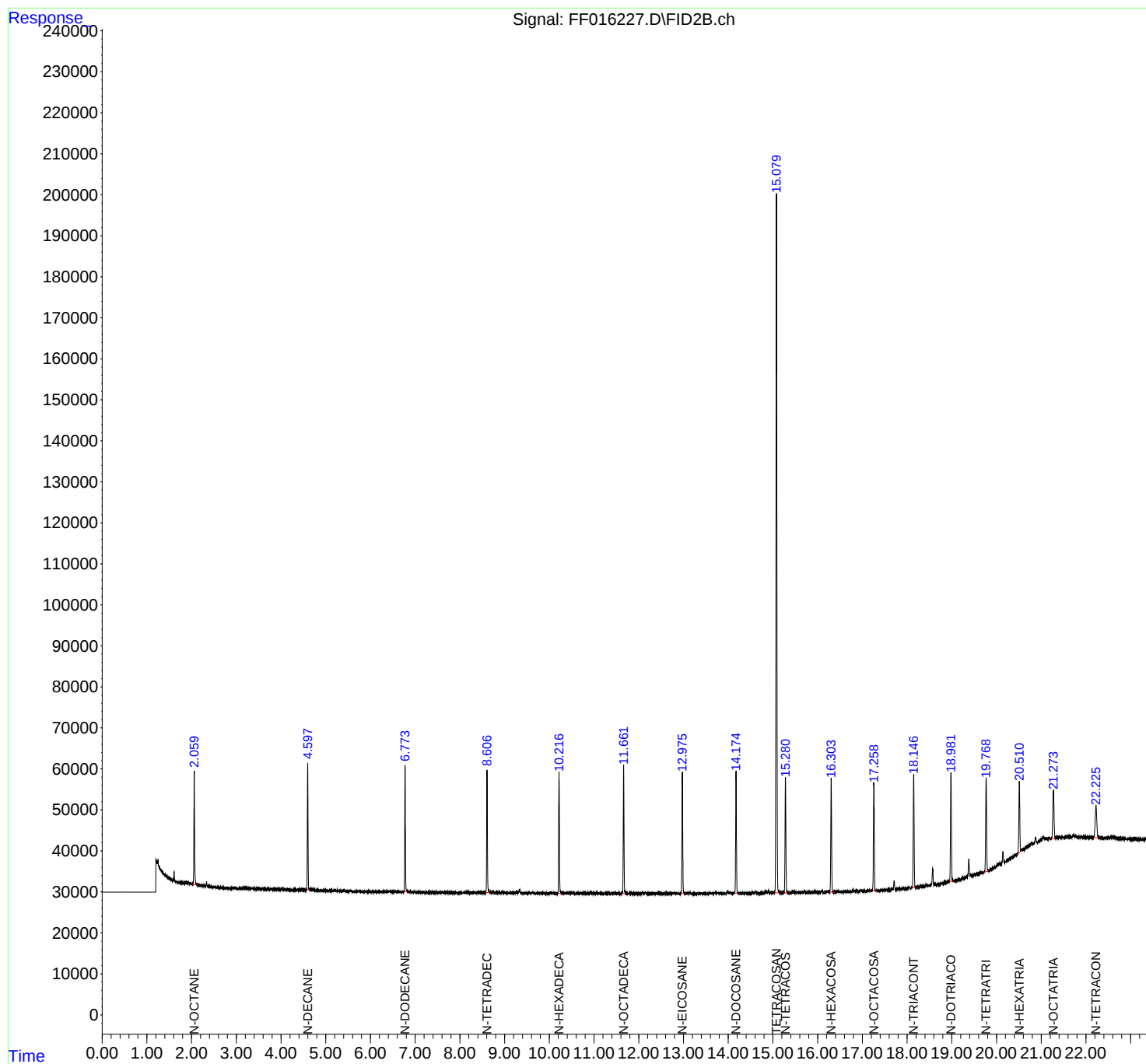
(m)=manual int.

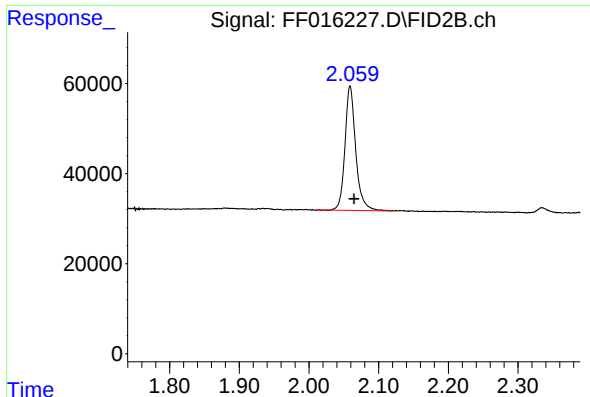
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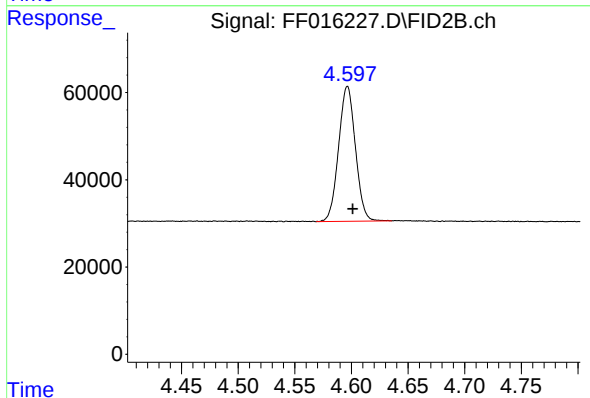




#1 N-OCTANE

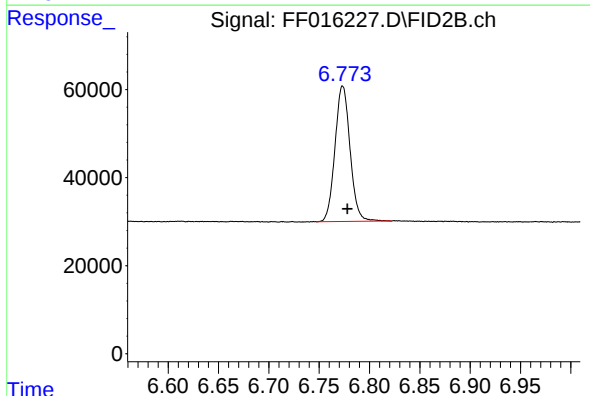
R.T.: 2.059 min
Delta R.T.: -0.006 min
Response: 297401
Conc: 2.61 ug/ml

Instrument :
FID_F
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LOD-MDL-WATER-04-QT3-2025



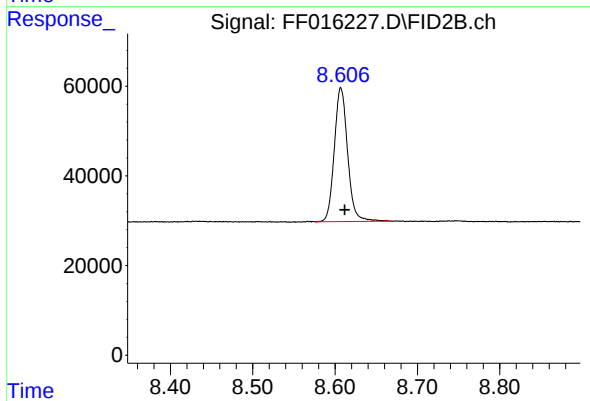
#2 N-DECANE

R.T.: 4.596 min
Delta R.T.: -0.005 min
Response: 319715
Conc: 2.75 ug/ml



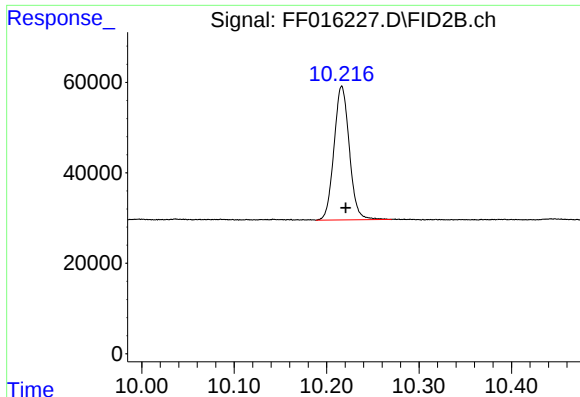
#3 N-DODECANE

R.T.: 6.773 min
Delta R.T.: -0.005 min
Response: 321151
Conc: 2.72 ug/ml



#4 N-TETRADECANE

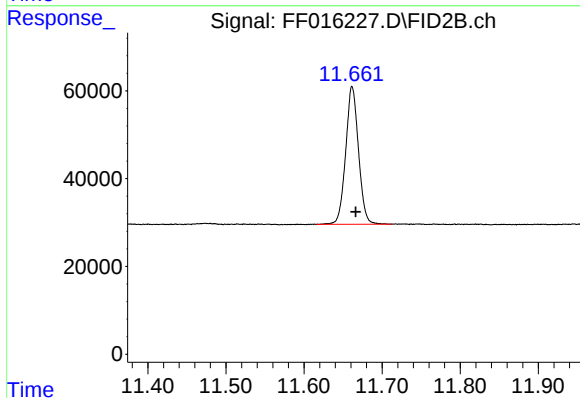
R.T.: 8.607 min
Delta R.T.: -0.004 min
Response: 335317
Conc: 2.77 ug/ml



#5 N-HEXADECANE

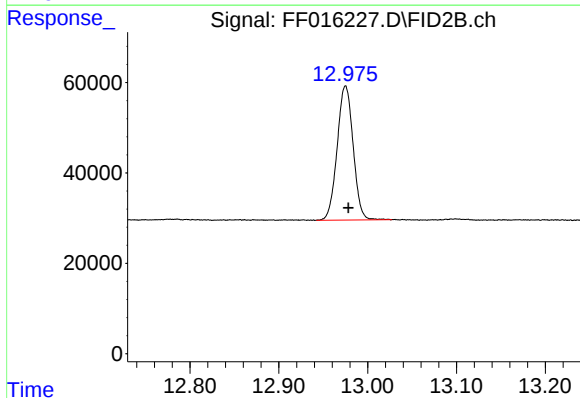
R.T.: 10.216 min
Delta R.T.: -0.004 min
Response: 339807
Conc: 2.80 ug/ml

Instrument :
FID_F
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LOD-MDL-WATER-04-QT3-2025



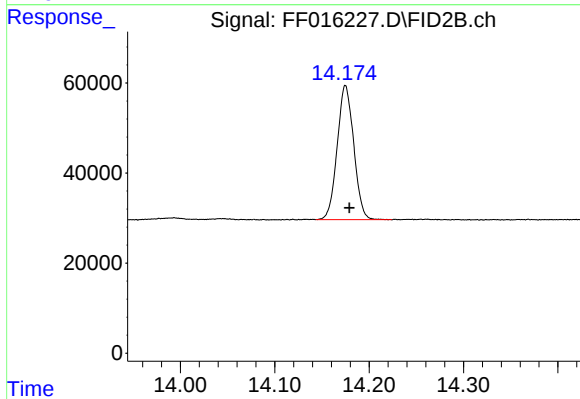
#6 N-OCTADECANE

R.T.: 11.662 min
Delta R.T.: -0.004 min
Response: 358120
Conc: 2.86 ug/ml



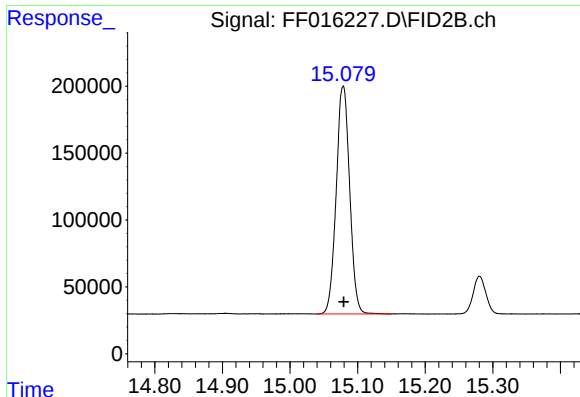
#7 N-EICOSANE

R.T.: 12.975 min
Delta R.T.: -0.003 min
Response: 371422
Conc: 2.87 ug/ml



#8 N-DOCOSANE

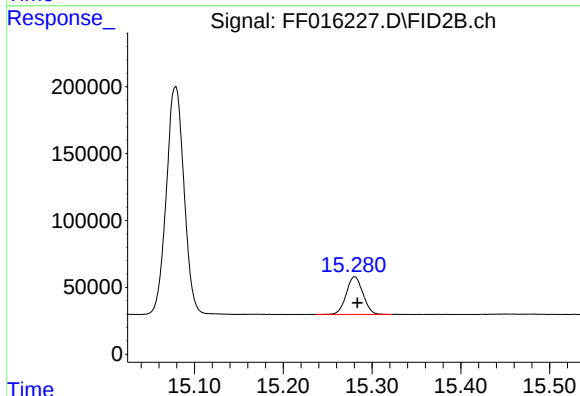
R.T.: 14.175 min
Delta R.T.: -0.004 min
Response: 362476
Conc: 2.87 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

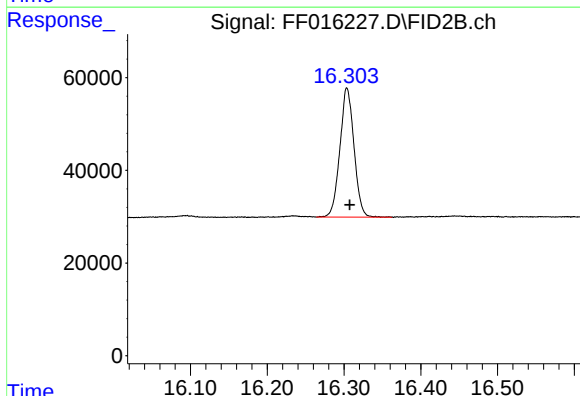
R.T.: 15.079 min
Delta R.T.: -0.001 min
Response: 2357553
Conc: 21.12 ug/ml

Instrument :
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LOD-MDL-WATER-04-QT3-2025



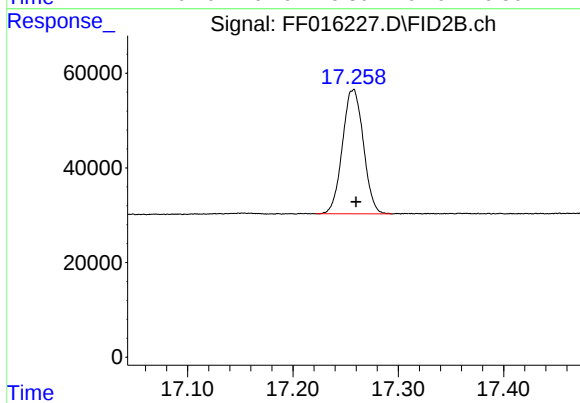
#10 N-TETRACOSANE

R.T.: 15.280 min
Delta R.T.: -0.003 min
Response: 368473
Conc: 2.91 ug/ml



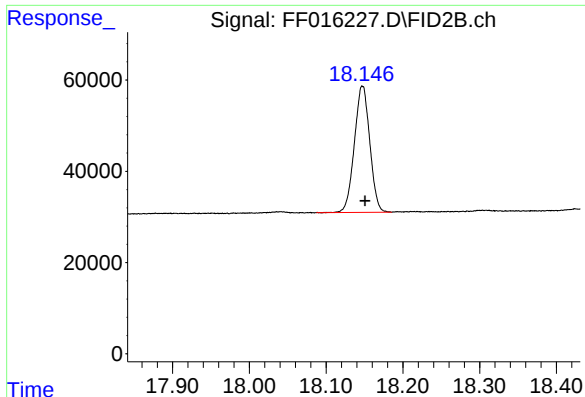
#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: -0.004 min
Response: 354928
Conc: 2.87 ug/ml



#12 N-OCTACOSANE

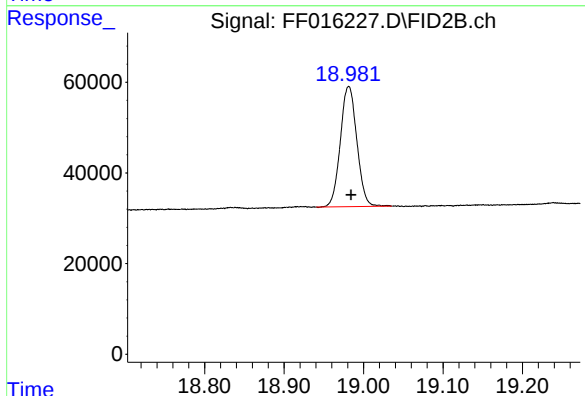
R.T.: 17.257 min
Delta R.T.: -0.003 min
Response: 362316
Conc: 2.89 ug/ml



#13 N-TRIACONTANE

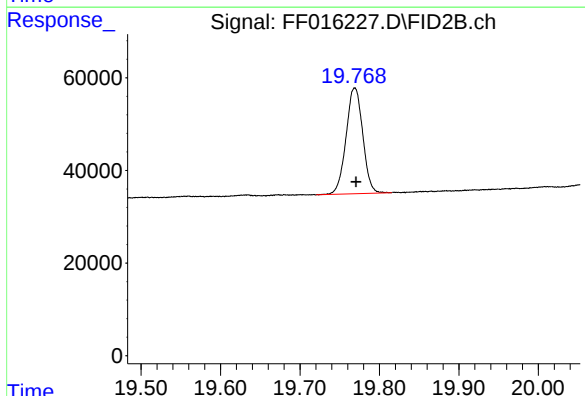
R.T.: 18.147 min
Delta R.T.: -0.003 min
Response: 386905
Conc: 3.03 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-04-QT3-2025



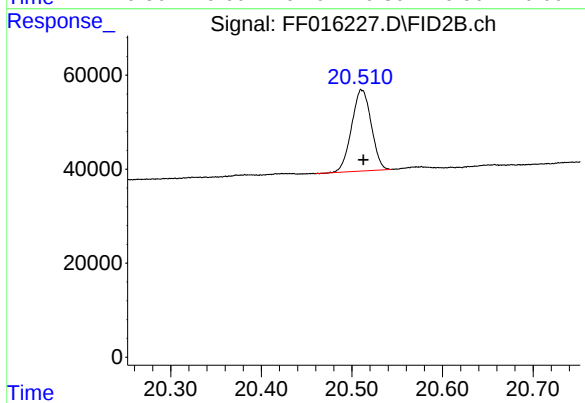
#14 N-DOTRIACONTANE

R.T.: 18.981 min
Delta R.T.: -0.003 min
Response: 382575
Conc: 3.07 ug/ml



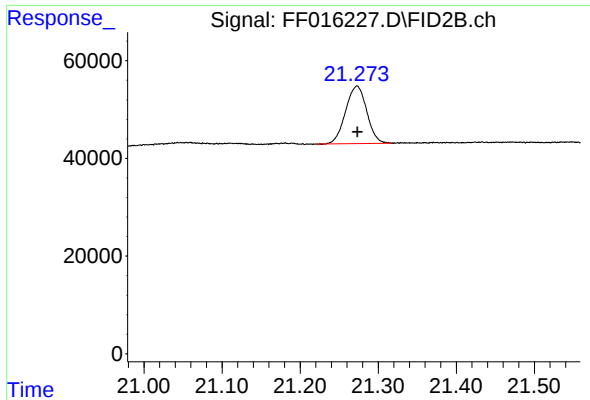
#15 N-TETRATRIACONTANE

R.T.: 19.769 min
Delta R.T.: -0.002 min
Response: 332980
Conc: 2.98 ug/ml



#16 N-HEXATRIACONTANE

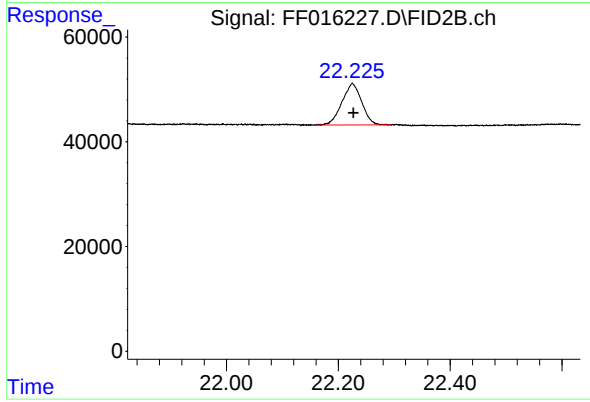
R.T.: 20.511 min
Delta R.T.: -0.002 min
Response: 260187
Conc: 2.83 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.273 min
Delta R.T.: 0.000 min
Response: 221394
Conc: 2.90 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-04-QT3-2025



#18 N-TETRACONTANE

R.T.: 22.225 min
Delta R.T.: -0.002 min
Response: 194035
Conc: 2.95 ug/ml