

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG073124\
 Data File : FG013991.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jul 2024 13:21
 Operator : YP\AJ
 Sample : P3390-10
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-04-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 01 03:02:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:06 2024
 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...	14.951	2002416	16.554 ug/ml
Target Compounds			
1) N-OCTANE	1.966	352034	2.926 ug/ml
2) N-DECANE	4.471	387032	3.104 ug/ml
3) N-DODECANE	6.643	397397	3.012 ug/ml
4) N-TETRADECANE	8.476	416681	3.187 ug/ml
5) N-HEXADECANE	10.087	406829	3.052 ug/ml
6) N-OCTADECANE	11.533	412204	3.016 ug/ml
7) N-EICOSANE	12.845	413651	3.095 ug/ml
8) N-DOCOSANE	14.047	409570	3.111 ug/ml
10) N-TETRACOSANE	15.153	400535	3.068 ug/ml
11) N-HEXACOSANE	16.178	397707	3.096 ug/ml
12) N-OCTACOSANE	17.130	397572	3.135 ug/ml
13) N-TRIACONTANE	18.021	416223	3.309 ug/ml
14) N-DOTRIACONTANE	18.856	410298	3.363 ug/ml
15) N-TETRATRIACONTANE	19.641	360374	3.580 ug/ml
16) N-HEXATRIACONTANE	20.384	296319	3.546 ug/ml
17) N-OCTATRIACONTANE	21.117	262571	3.520 ug/ml
18) N-TETRACONTANE	22.019	244974	3.535 ug/ml

(f)=RT Delta > 1/2 Window

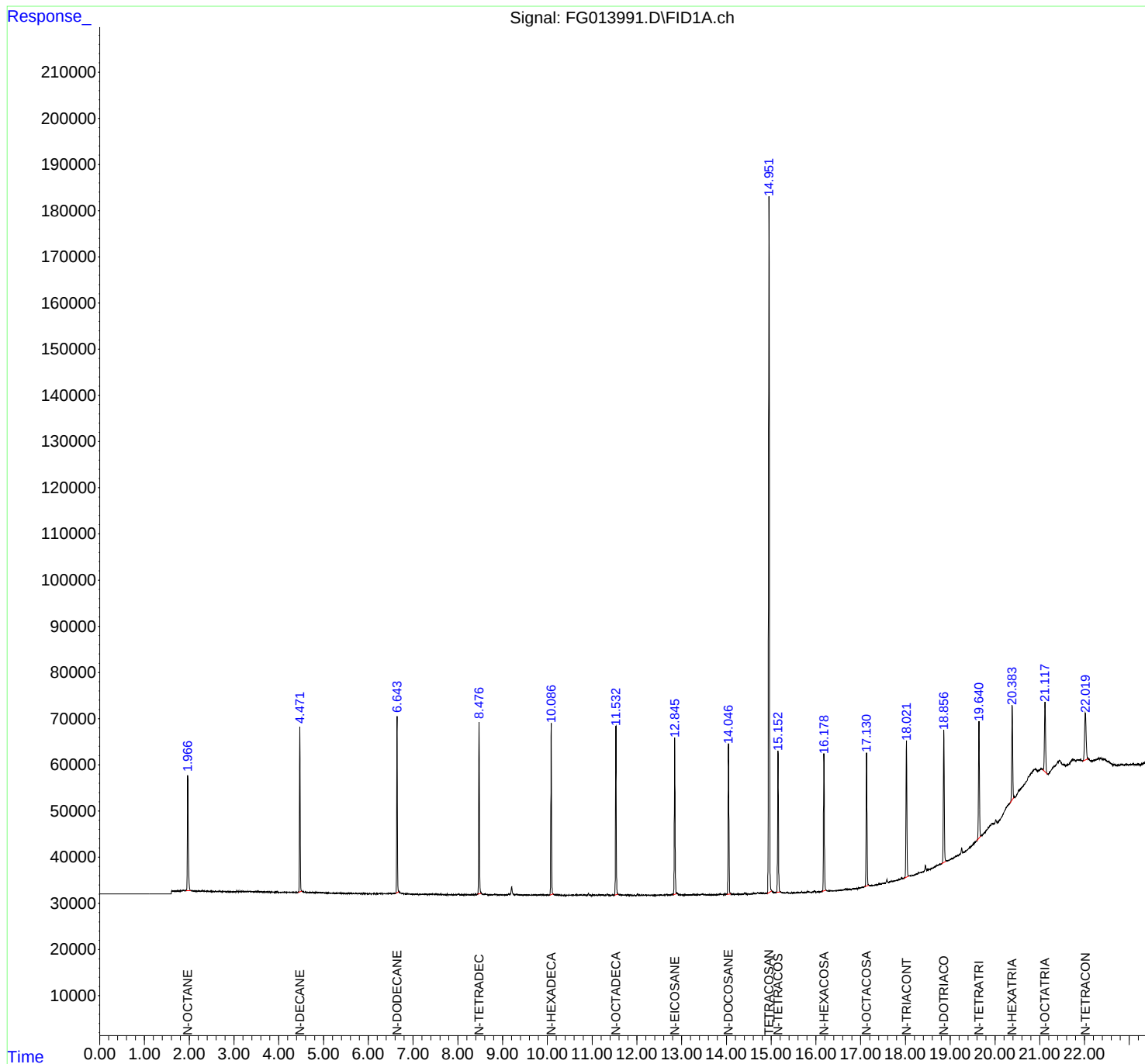
(m)=manual int.

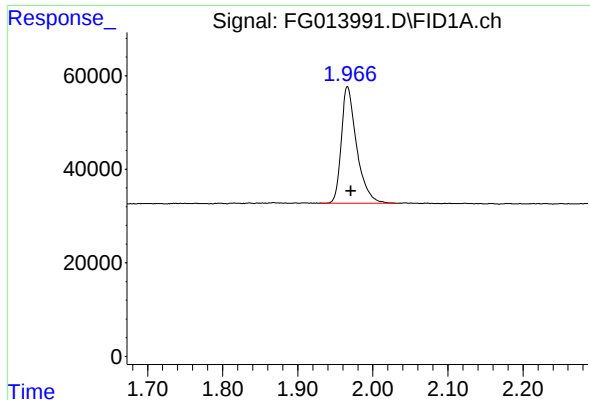
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#1 N-OCTANE

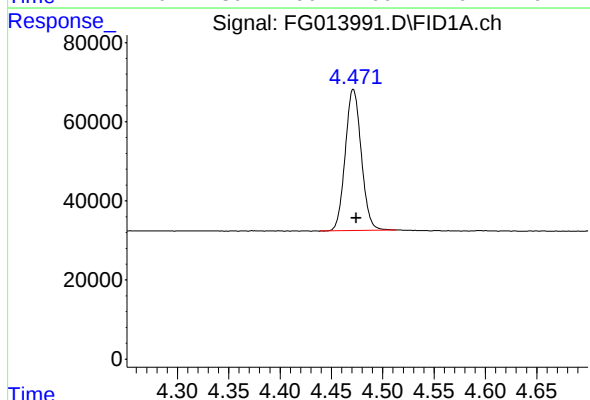
R.T.: 1.966 min
Delta R.T.: -0.005 min
Response: 352034
Conc: 2.93 ug/ml

Instrument :

FID_G

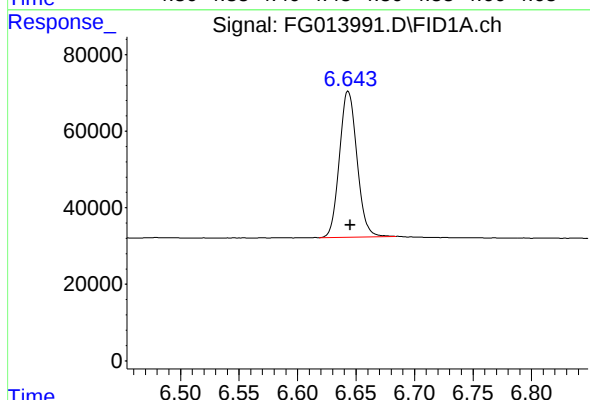
ClientSampleId :

LOD-MDL-WATER-04-QT3-2024



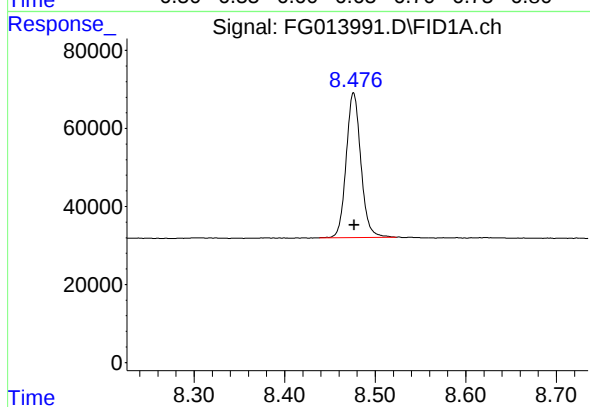
#2 N-DECANE

R.T.: 4.471 min
Delta R.T.: -0.003 min
Response: 387032
Conc: 3.10 ug/ml



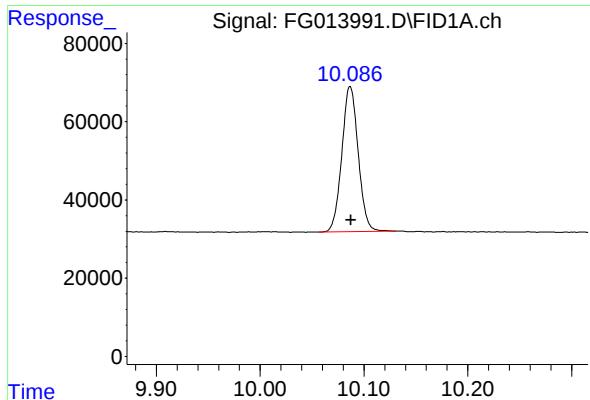
#3 N-DODECANE

R.T.: 6.643 min
Delta R.T.: -0.002 min
Response: 397397
Conc: 3.01 ug/ml



#4 N-TETRADECANE

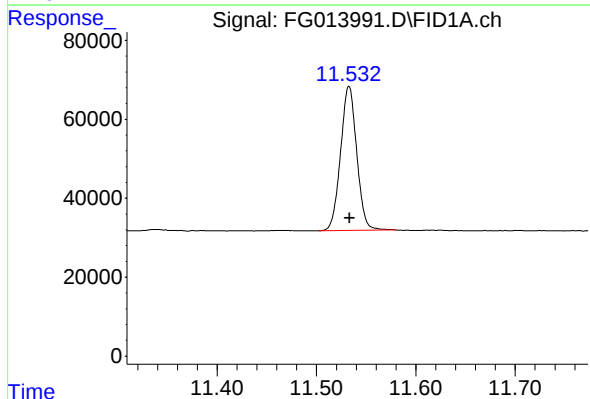
R.T.: 8.476 min
Delta R.T.: 0.000 min
Response: 416681
Conc: 3.19 ug/ml



#5 N-HEXADECANE

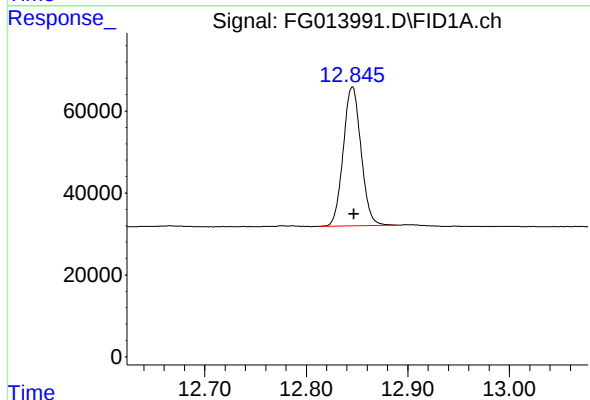
R.T.: 10.087 min
Delta R.T.: 0.000 min
Response: 406829
Conc: 3.05 ug/ml

Instrument :
FID_G
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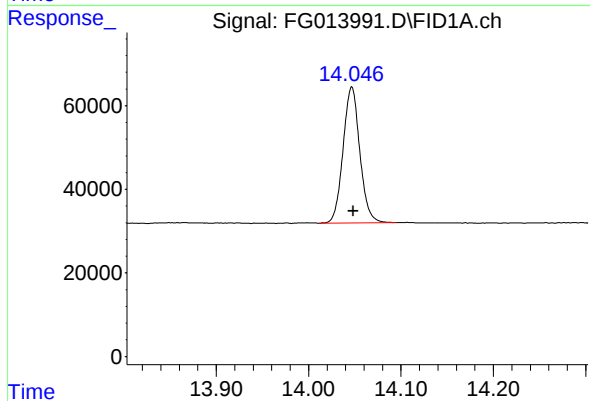
#6 N-OCTADECANE

R.T.: 11.533 min
Delta R.T.: 0.000 min
Response: 412204
Conc: 3.02 ug/ml



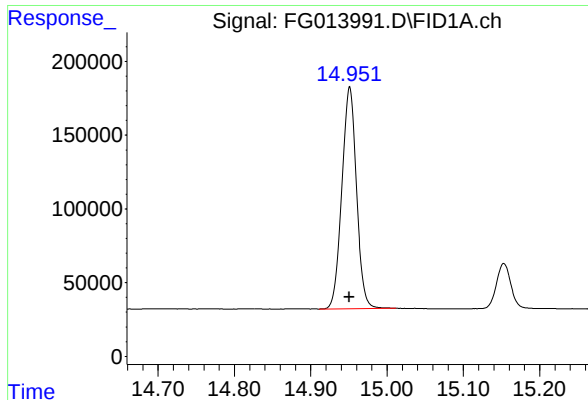
#7 N-EICOSANE

R.T.: 12.845 min
Delta R.T.: -0.002 min
Response: 413651
Conc: 3.09 ug/ml



#8 N-DOCOSANE

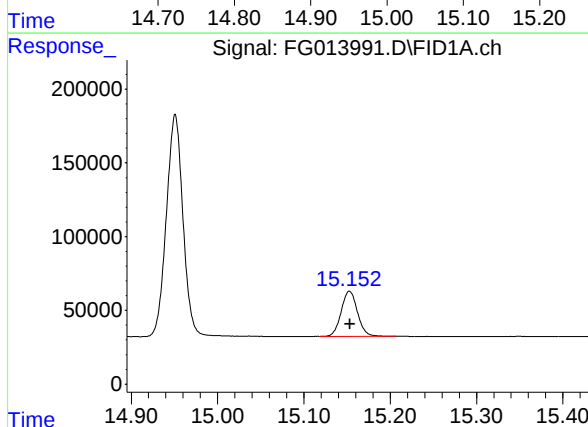
R.T.: 14.047 min
Delta R.T.: -0.002 min
Response: 409570
Conc: 3.11 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

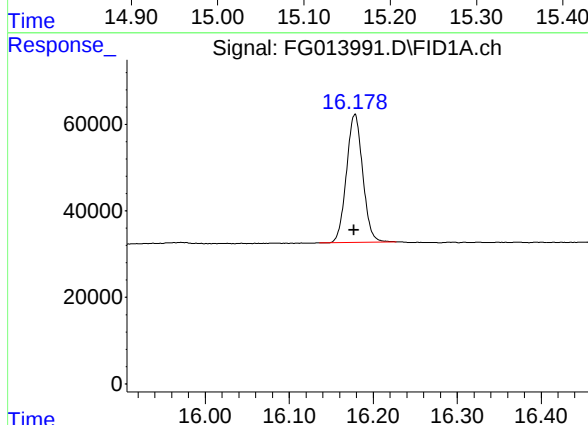
R.T.: 14.951 min
Delta R.T.: 0.000 min
Response: 2002416
Conc: 16.55 ug/ml

Instrument : FID_G
ClientSampleId : LOD-MDL-WATER-04-QT3-2024



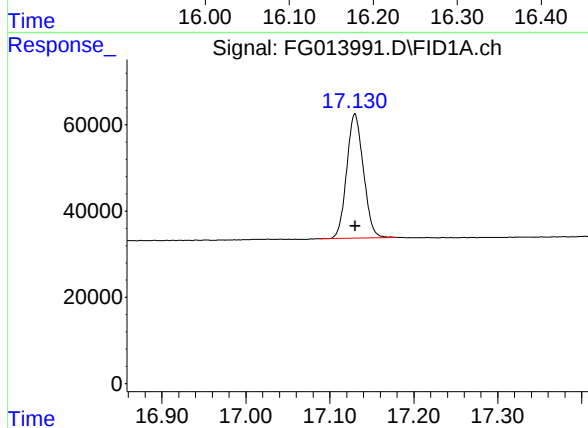
#10 N-TETRACOSANE

R.T.: 15.153 min
Delta R.T.: 0.000 min
Response: 400535
Conc: 3.07 ug/ml



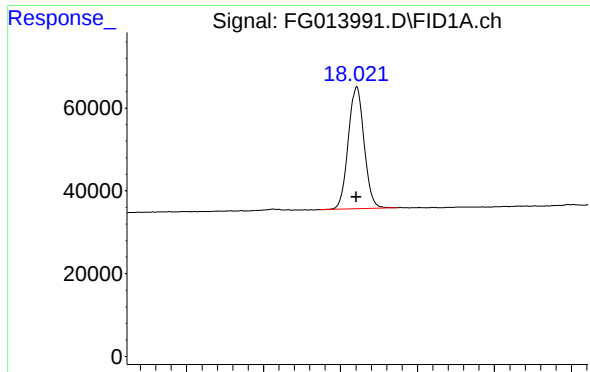
#11 N-HEXACOSANE

R.T.: 16.178 min
Delta R.T.: 0.001 min
Response: 397707
Conc: 3.10 ug/ml



#12 N-OCTACOSANE

R.T.: 17.130 min
Delta R.T.: 0.000 min
Response: 397572
Conc: 3.13 ug/ml



#13 N-TRIACONTANE

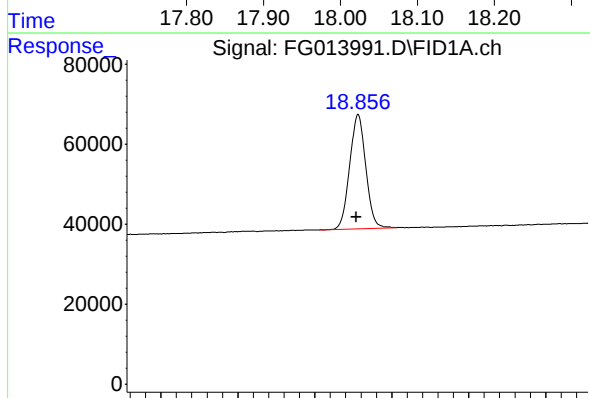
R.T.: 18.021 min
Delta R.T.: 0.000 min
Response: 416223
Conc: 3.31 ug/ml

Instrument :

FID_G

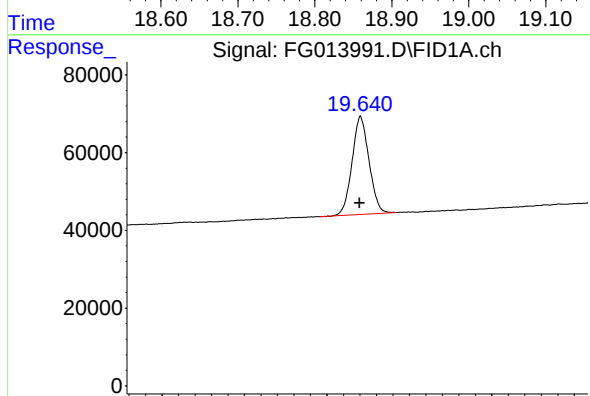
ClientSampleId :

LOD-MDL-WATER-04-QT3-2024



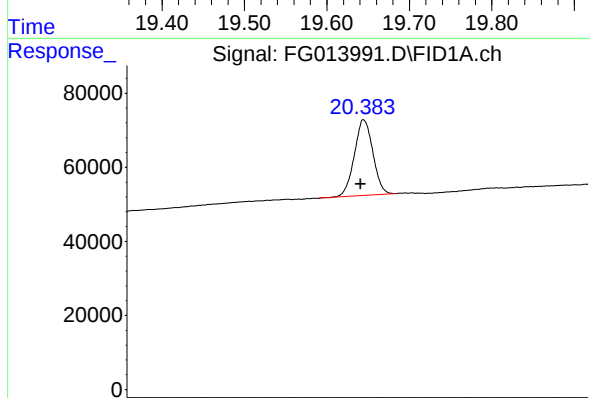
#14 N-DOTRIACONTANE

R.T.: 18.856 min
Delta R.T.: 0.002 min
Response: 410298
Conc: 3.36 ug/ml



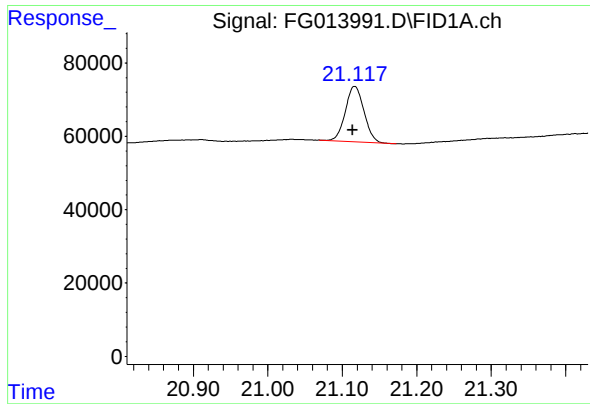
#15 N-TETRATRIACONTANE

R.T.: 19.641 min
Delta R.T.: 0.000 min
Response: 360374
Conc: 3.58 ug/ml



#16 N-HEXATRIACONTANE

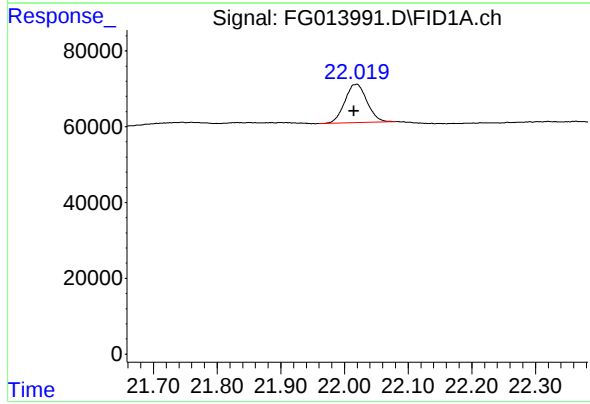
R.T.: 20.384 min
Delta R.T.: 0.003 min
Response: 296319
Conc: 3.55 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.117 min
Delta R.T.: 0.002 min
Response: 262571
Conc: 3.52 ug/ml

Instrument :
FID_G
ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 22.019 min
Delta R.T.: 0.004 min
Response: 244974
Conc: 3.53 ug/ml