

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100423\
 Data File : FG012968.D
 Signal(s) : FID1A.ch
 Acq On : 04 Oct 2023 16:58
 Operator : YP\AJ
 Sample : 04699-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-04-QT4-2023

Integration File: autoint1.e
 Quant Time: Oct 05 00:13:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092123.M
 Quant Title :
 QLast Update : Fri Sep 22 02:14:31 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...	15.077	2144397	18.922 ug/ml
Target Compounds			
1) N-OCTANE	2.077	315092	2.818 ug/ml
2) N-DECANE	4.595	367487	3.193 ug/ml
3) N-DODECANE	6.767	374059	3.186 ug/ml
4) N-TETRADECANE	8.600	376557	3.188 ug/ml
5) N-HEXADECANE	10.212	383904	3.173 ug/ml
6) N-OCTADECANE	11.659	388404	3.183 ug/ml
7) N-EICOSANE	12.972	387622	3.166 ug/ml
8) N-DOCOSANE	14.174	377887	3.170 ug/ml
10) N-TETRACOSANE	15.280	377571	3.151 ug/ml
11) N-HEXACOSANE	16.303	370892	3.132 ug/ml
12) N-OCTACOSANE	17.253	366313	3.129 ug/ml
13) N-TRIACONTANE	18.142	367564	3.184 ug/ml
14) N-DOTRIACONTANE	18.974	366797	3.298 ug/ml
15) N-TETRATRIACONTANE	19.759	362015	3.833 ug/ml
16) N-HEXATRIACONTANE	20.499	331300	4.483 ug/ml
17) N-OCTATRIACONTANE	21.253	310920	4.693 ug/ml
18) N-TETRACONTANE	22.198	294163	4.665 ug/ml

(f)=RT Delta > 1/2 Window

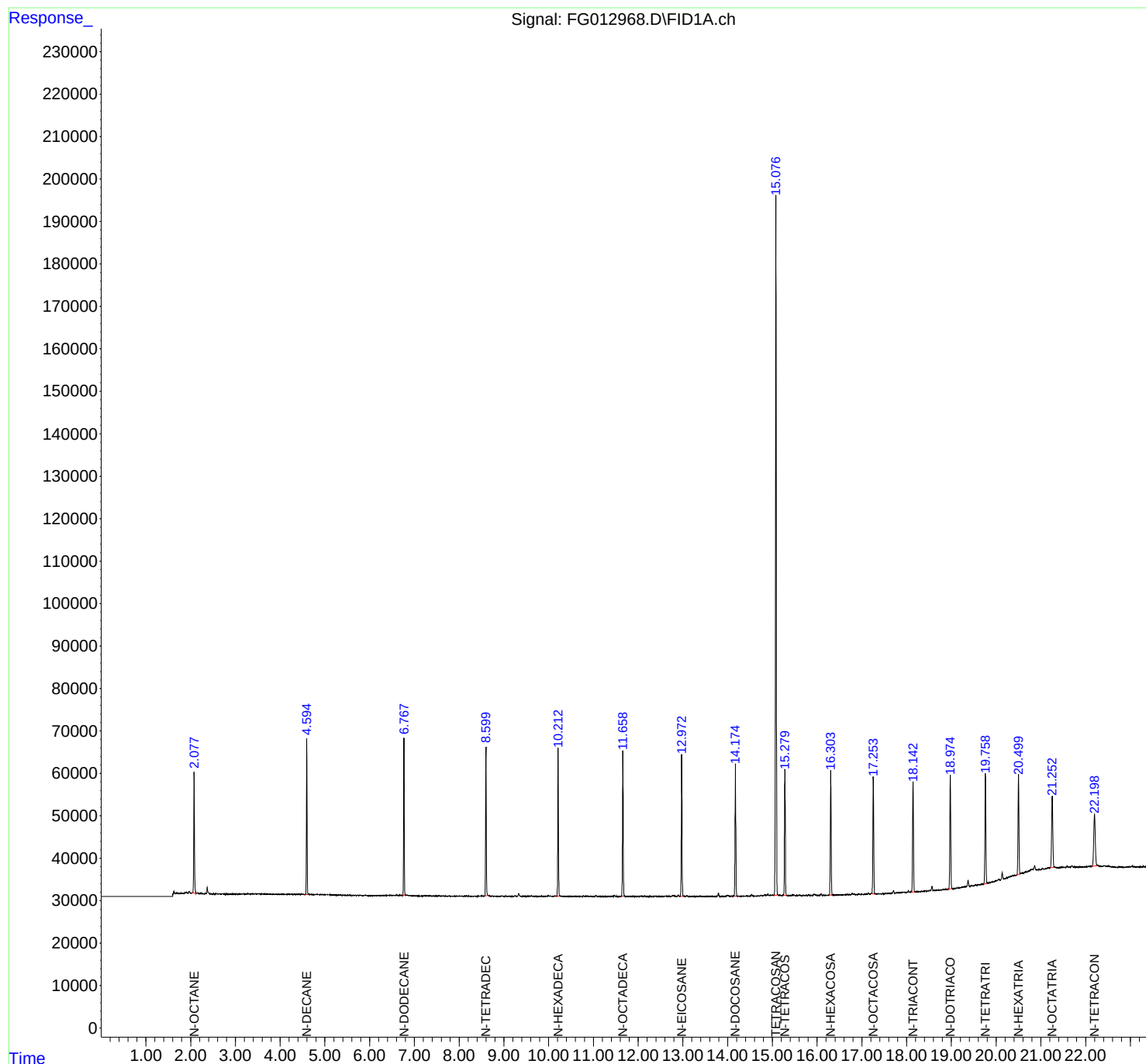
(m)=manual int.

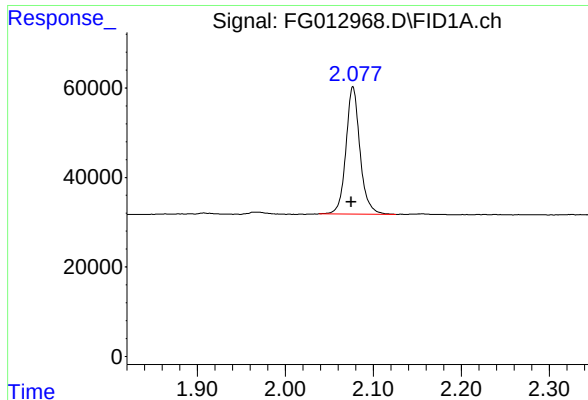
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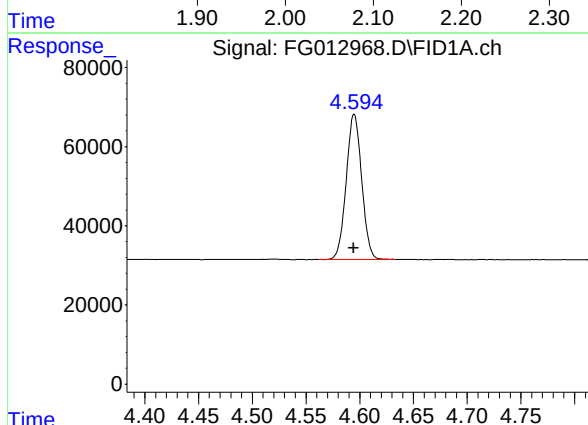




#1 N-OCTANE

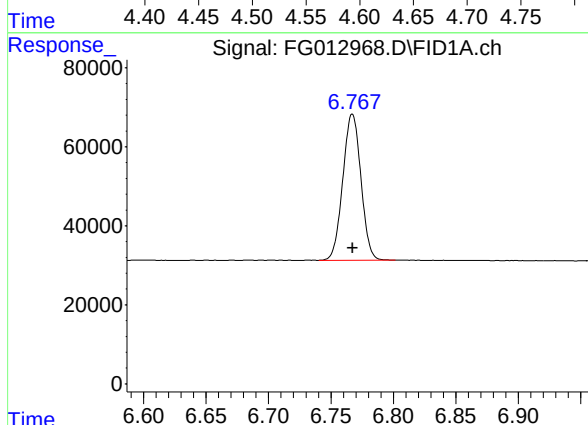
R.T.: 2.077 min
Delta R.T.: 0.002 min
Response: 315092
Conc: 2.82 ug/ml

Instrument :
FID_G
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LOD-MDL-SOIL-04-QT4-2023



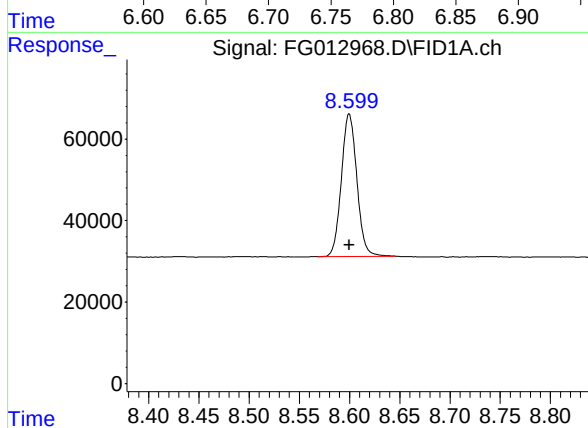
#2 N-DECANE

R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 367487
Conc: 3.19 ug/ml



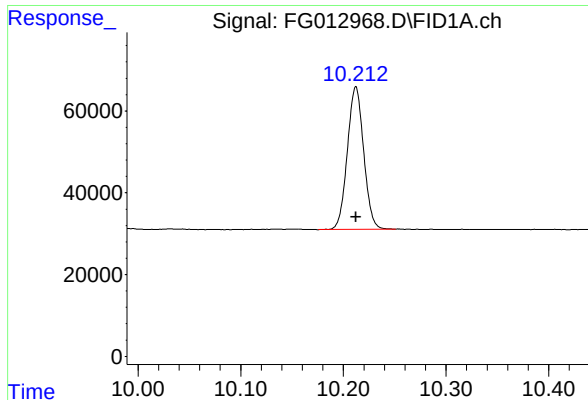
#3 N-DODECANE

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 374059
Conc: 3.19 ug/ml



#4 N-TETRADECANE

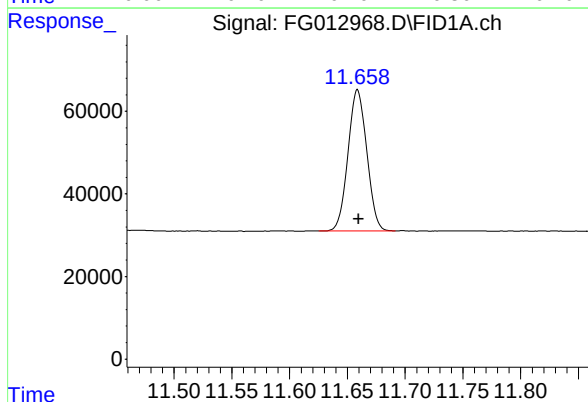
R.T.: 8.600 min
Delta R.T.: 0.000 min
Response: 376557
Conc: 3.19 ug/ml



#5 N-HEXADECANE

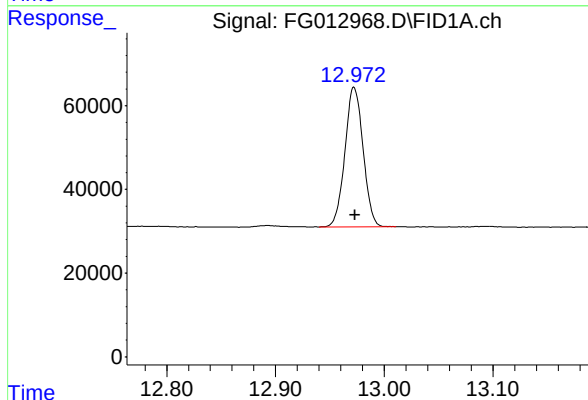
R.T.: 10.212 min
Delta R.T.: 0.000 min
Response: 383904
Conc: 3.17 ug/ml

Instrument :
FID_G
ClientSampleId :
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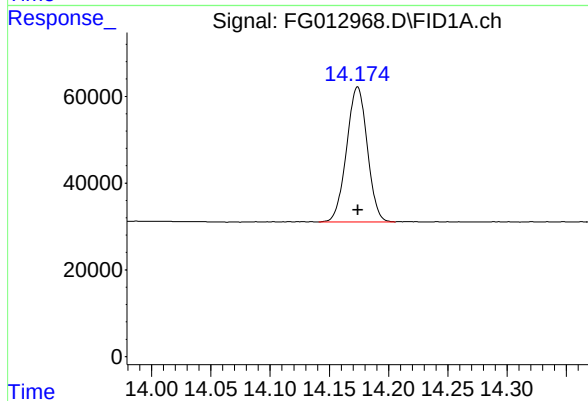
#6 N-OCTADECANE

R.T.: 11.659 min
Delta R.T.: -0.001 min
Response: 388404
Conc: 3.18 ug/ml



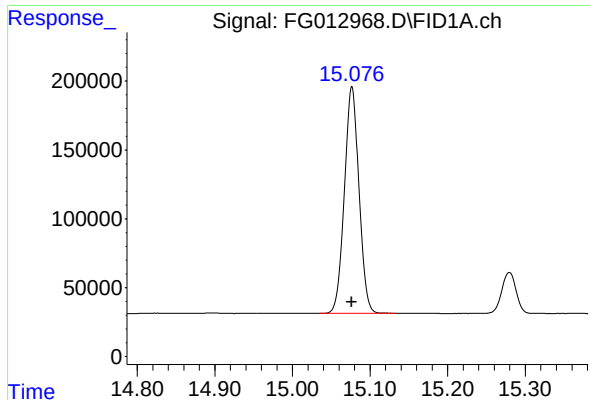
#7 N-EICOSANE

R.T.: 12.972 min
Delta R.T.: 0.000 min
Response: 387622
Conc: 3.17 ug/ml



#8 N-DOCOSANE

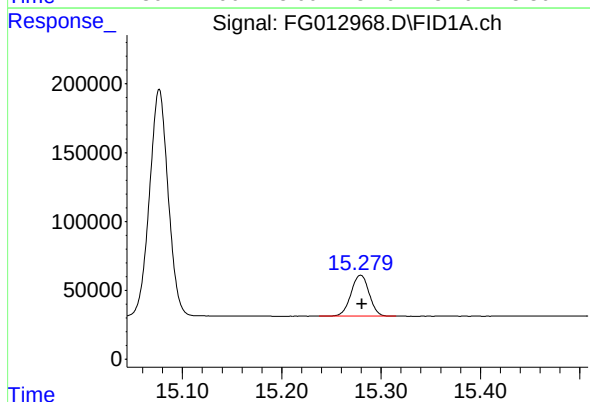
R.T.: 14.174 min
Delta R.T.: 0.000 min
Response: 377887
Conc: 3.17 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

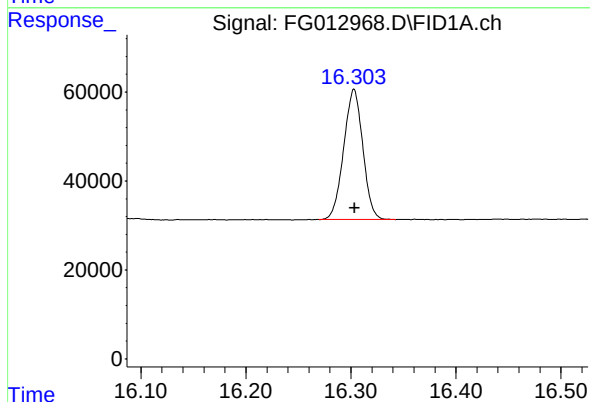
R.T.: 15.077 min
Delta R.T.: 0.000 min
Response: 2144397
Conc: 18.92 ug/ml

Instrument :
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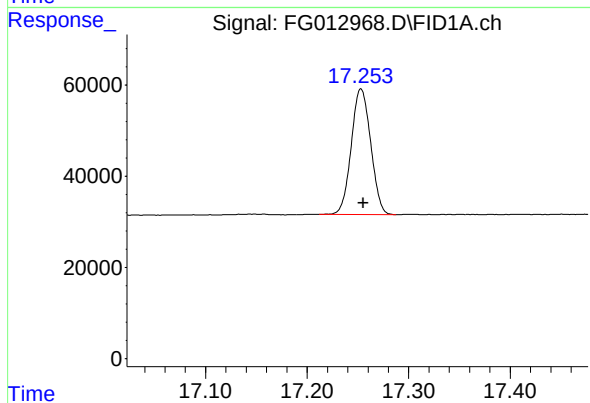
#10 N-TETRACOSANE

R.T.: 15.280 min
Delta R.T.: -0.001 min
Response: 377571
Conc: 3.15 ug/ml



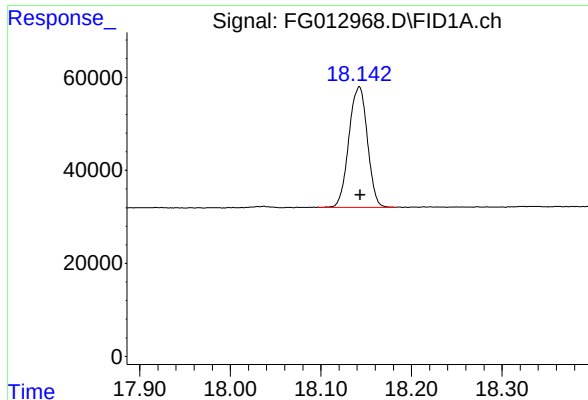
#11 N-HEXACOSANE

R.T.: 16.303 min
Delta R.T.: 0.000 min
Response: 370892
Conc: 3.13 ug/ml



#12 N-OCTACOSANE

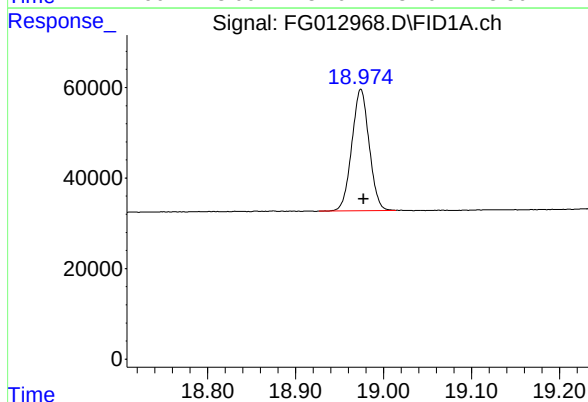
R.T.: 17.253 min
Delta R.T.: -0.002 min
Response: 366313
Conc: 3.13 ug/ml



#13 N-TRIACONTANE

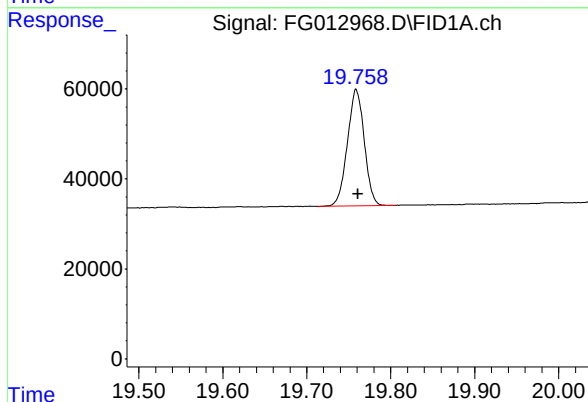
R.T.: 18.142 min
Delta R.T.: -0.001 min
Response: 367564
Conc: 3.18 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-04-QT4-2023



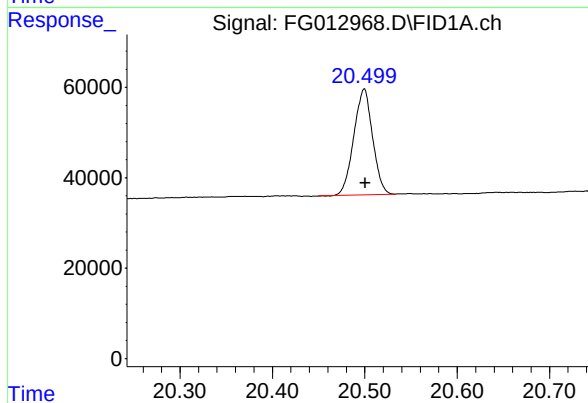
#14 N-DOTRIACONTANE

R.T.: 18.974 min
Delta R.T.: -0.003 min
Response: 366797
Conc: 3.30 ug/ml



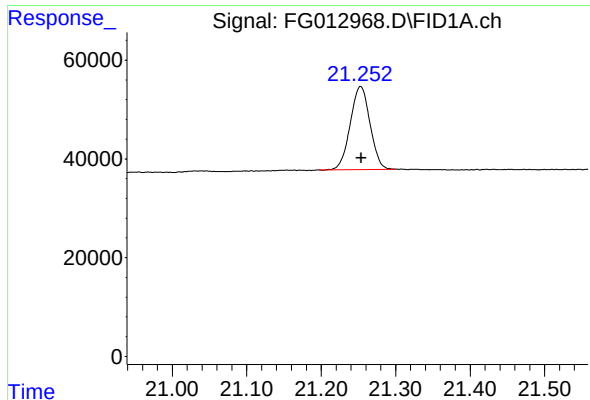
#15 N-TETRATRIACONTANE

R.T.: 19.759 min
Delta R.T.: -0.002 min
Response: 362015
Conc: 3.83 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.499 min
Delta R.T.: -0.001 min
Response: 331300
Conc: 4.48 ug/ml



#17 N-OCTATRIACONTANE

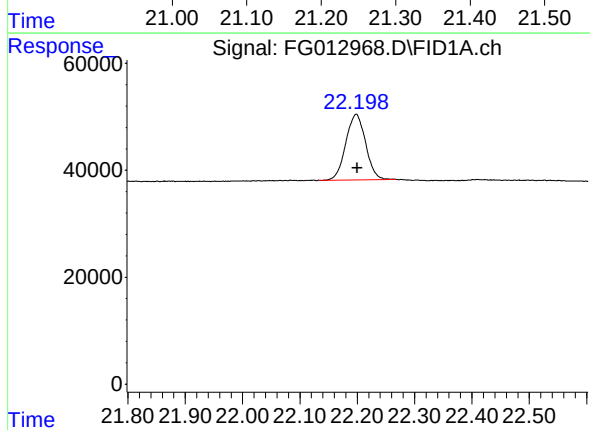
R.T.: 21.253 min
Delta R.T.: 0.000 min
Response: 310920
Conc: 4.69 ug/ml

Instrument :

FID_G

ClientSampleId :

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#18 N-TETRACONTANE

R.T.: 22.198 min
Delta R.T.: -0.002 min
Response: 294163
Conc: 4.66 ug/ml