

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100423\
 Data File : FG012964.D
 Signal(s) : FID1A.ch
 Acq On : 04 Oct 2023 14:59
 Operator : YP\AJ
 Sample : 04699-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :Ankita Jodhani 10/05/2023

Integration File: autoint1.e
 Quant Time: Oct 05 00:12:36 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...	15.076	1915598	16.903 ug/ml
Target Compounds			
1) N-OCTANE	2.078	98040	0.877 ug/ml
2) N-DECANE	4.595	108682	0.944 ug/ml
3) N-DODECANE	6.767	109940	0.936 ug/ml
4) N-TETRADECANE	8.599	110440	0.935 ug/mlm
5) N-HEXADECANE	10.212	113595	0.939 ug/ml
6) N-OCTADECANE	11.659	115765	0.949 ug/ml
7) N-EICOSANE	12.972	116166	0.949 ug/ml
8) N-DOCOSANE	14.174	115387	0.968 ug/ml
10) N-TETRACOSANE	15.279	118585	0.990 ug/ml
11) N-HEXACOSANE	16.302	122853	1.038 ug/ml
12) N-OCTACOSANE	17.254	135626	1.159 ug/ml
13) N-TRIACONTANE	18.141	179045	1.551 ug/ml
14) N-DOTRIACONTANE	18.975	216382	1.946 ug/ml
15) N-TETRATRIACONTANE	19.760	198539	2.102 ug/ml
16) N-HEXATRIACONTANE	20.498	141473	1.915 ug/ml
17) N-OCTATRIACONTANE	21.253	105116	1.587 ug/ml
18) N-TETRACONTANE	22.199	87063	1.381 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100423\
Data File : FG012964.D
Signal(s) : FID1A.ch
Acq On : 04 Oct 2023 14:59
Operator : YP\AJ
Sample : 04699-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

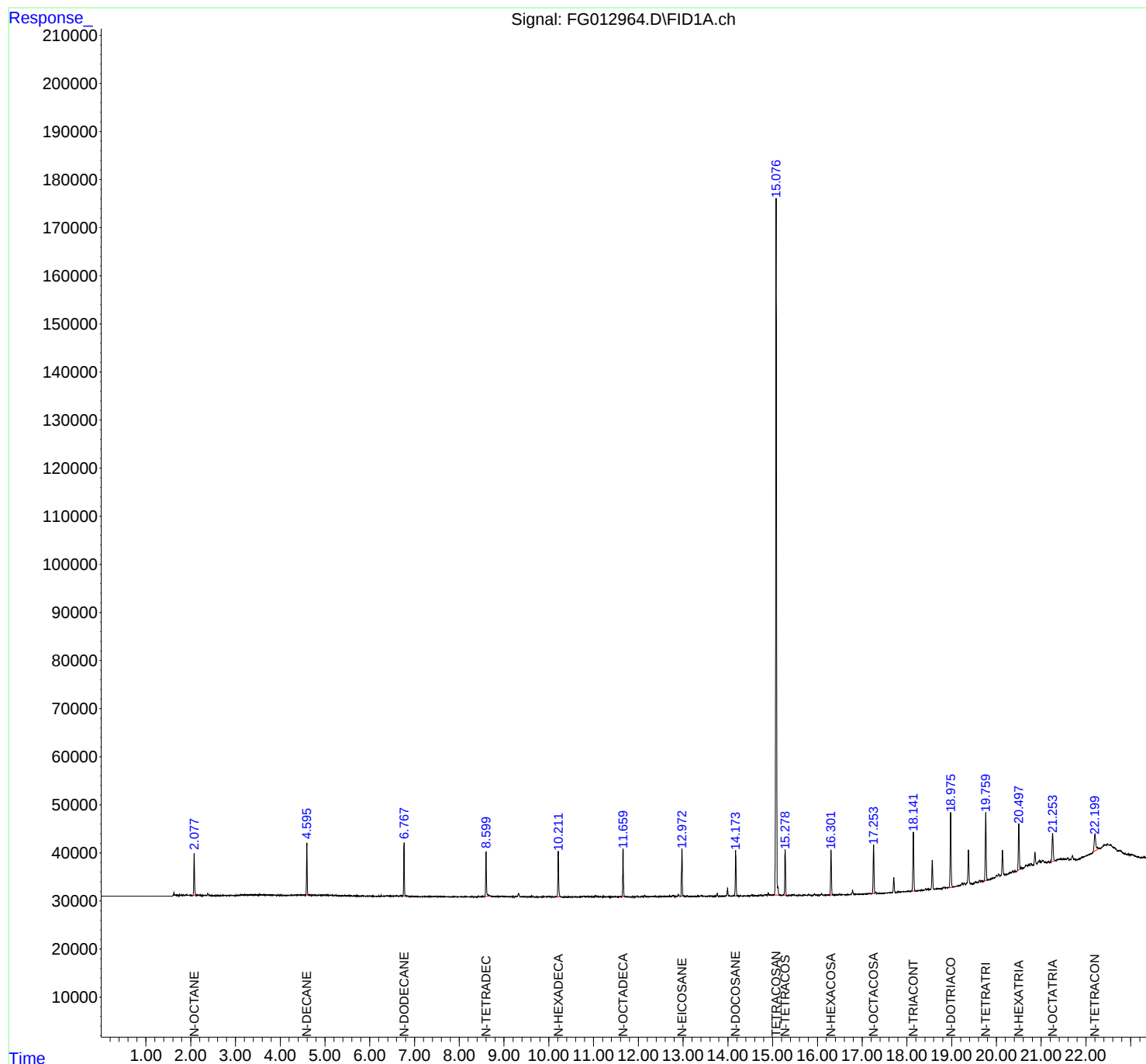
Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-04-QT4-2023

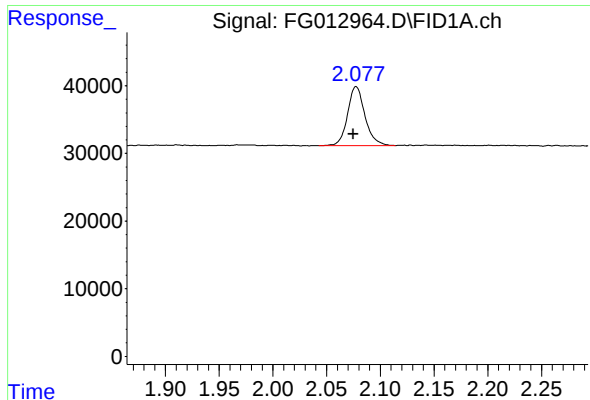
Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 10/05/2023
Supervised By : Ankita Jodhani 10/05/2023

Integration File: autoint1.e
Quant Time: Oct 05 00:12:36 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





#1 N-OCTANE

R.T.: 2.078 min
Delta R.T.: 0.002 min
Response: 98040
Conc: 0.88 ug/ml

Instrument :

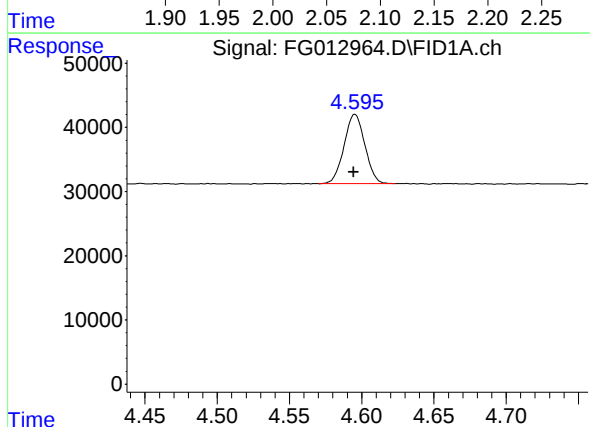
FID_G

ClientSampleId :

LOD-MDL-WATER-04-QT4-2023

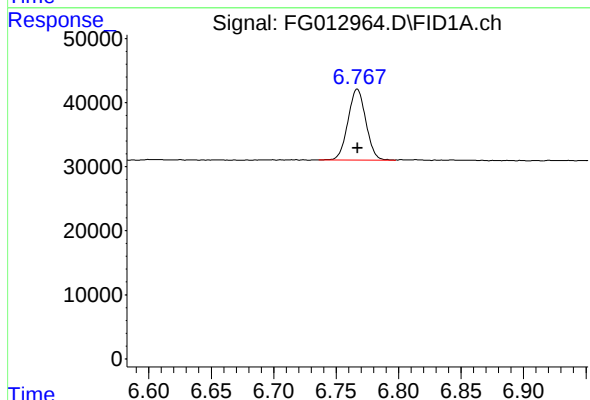
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :Ankita Jodhani 10/05/2023



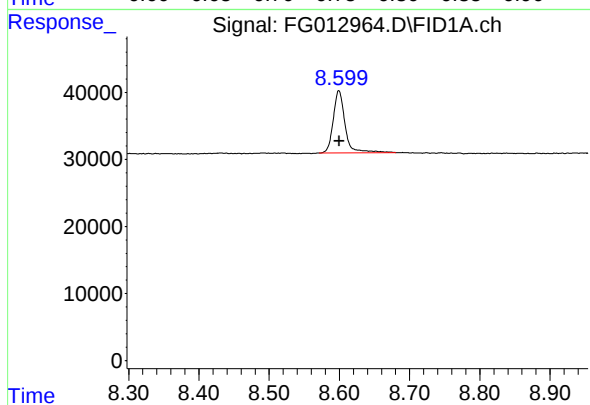
#2 N-DECANE

R.T.: 4.595 min
Delta R.T.: 0.001 min
Response: 108682
Conc: 0.94 ug/ml



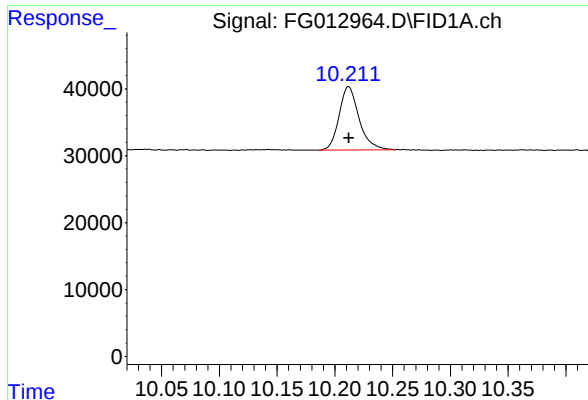
#3 N-DODECANE

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 109940
Conc: 0.94 ug/ml



#4 N-TETRADECANE

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 110440
Conc: 0.93 ug/ml m



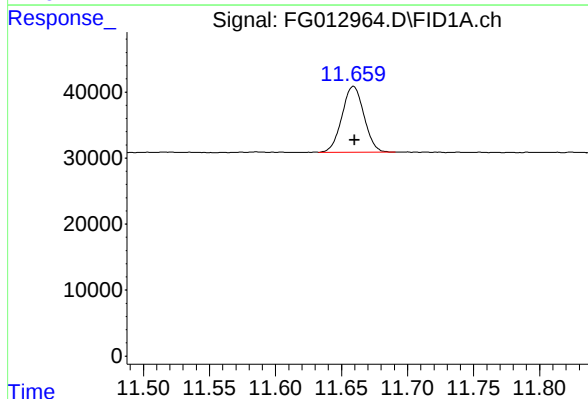
#5 N-HEXADECANE

R.T.: 10.212 min
Delta R.T.: 0.000 min
Response: 113595
Conc: 0.94 ug/ml

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

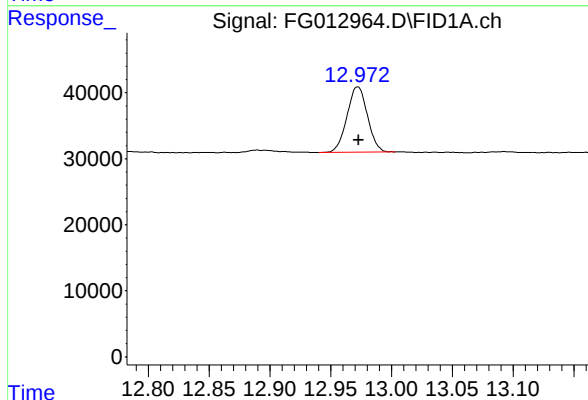
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :Ankita Jodhani 10/05/2023



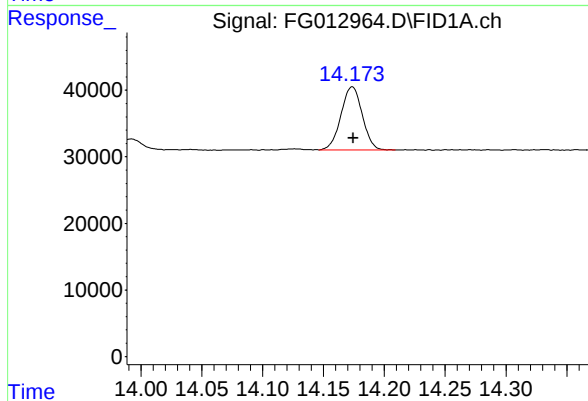
#6 N-OCTADECANE

R.T.: 11.659 min
Delta R.T.: 0.000 min
Response: 115765
Conc: 0.95 ug/ml



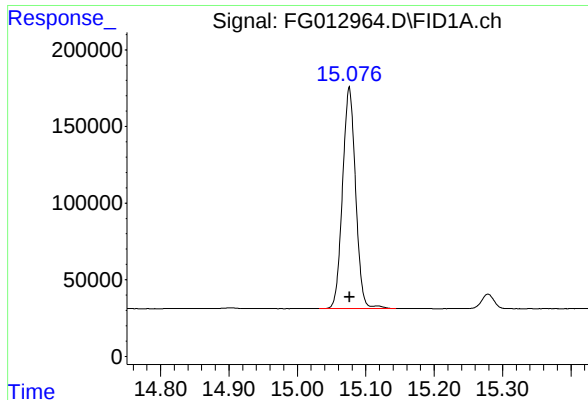
#7 N-EICOSANE

R.T.: 12.972 min
Delta R.T.: 0.000 min
Response: 116166
Conc: 0.95 ug/ml



#8 N-DOCOSANE

R.T.: 14.174 min
Delta R.T.: 0.000 min
Response: 115387
Conc: 0.97 ug/ml



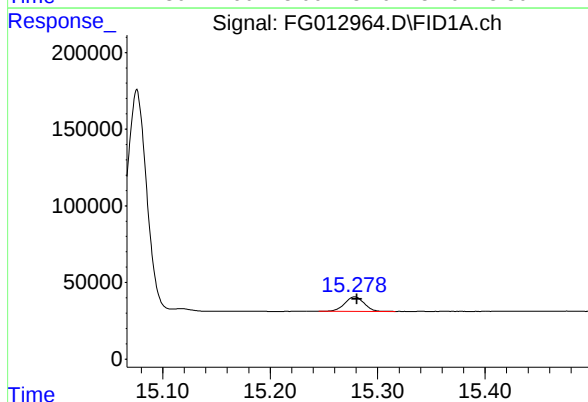
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.076 min
Delta R.T.: 0.000 min
Response: 1915598
Conc: 16.90 ug/ml

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

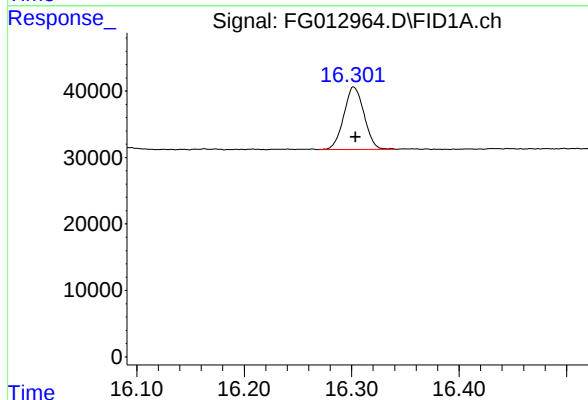
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :Ankita Jodhani 10/05/2023



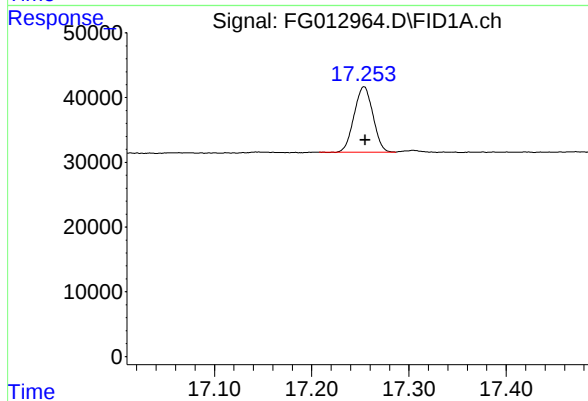
#10 N-TETRACOSANE

R.T.: 15.279 min
Delta R.T.: -0.002 min
Response: 118585
Conc: 0.99 ug/ml



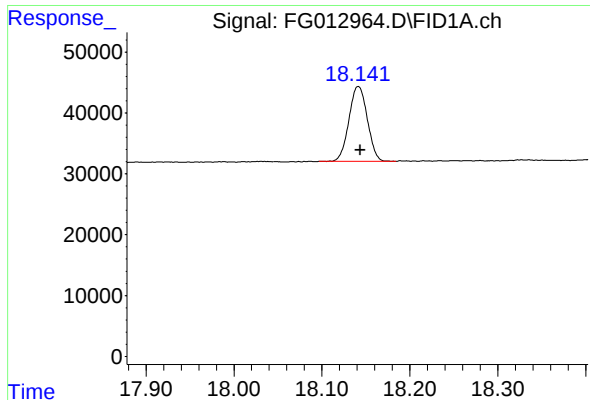
#11 N-HEXACOSANE

R.T.: 16.302 min
Delta R.T.: -0.002 min
Response: 122853
Conc: 1.04 ug/ml



#12 N-OCTACOSANE

R.T.: 17.254 min
Delta R.T.: -0.001 min
Response: 135626
Conc: 1.16 ug/ml



#13 N-TRIACONTANE

R.T.: 18.141 min
Delta R.T.: -0.002 min
Response: 179045
Conc: 1.55 ug/ml

Instrument :

FID_G

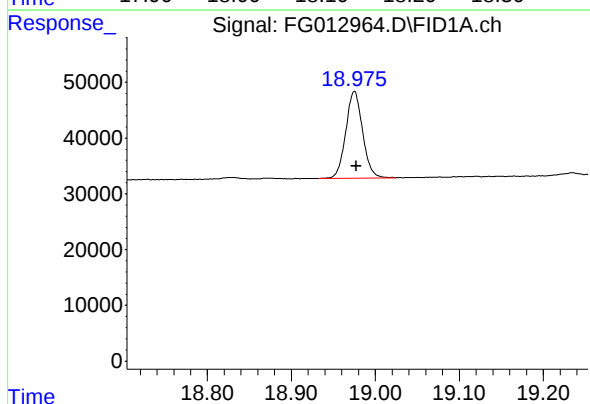
ClientSampleId :

LOD-MDL-WATER-04-QT4-2023

Manual Integrations

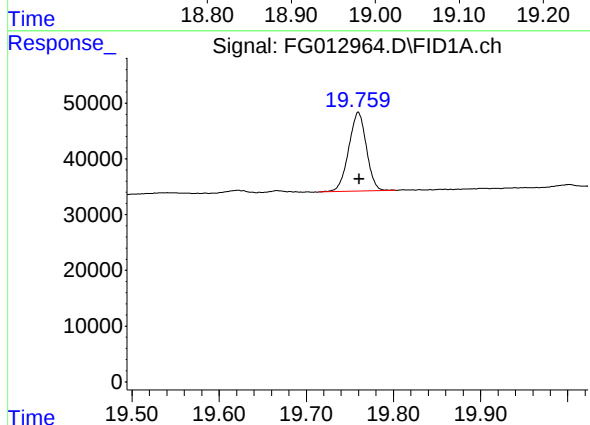
APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :Ankita Jodhani 10/05/2023



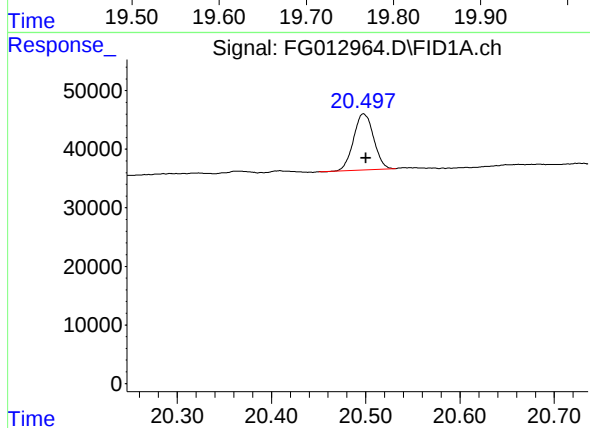
#14 N-DOTRIACONTANE

R.T.: 18.975 min
Delta R.T.: -0.002 min
Response: 216382
Conc: 1.95 ug/ml



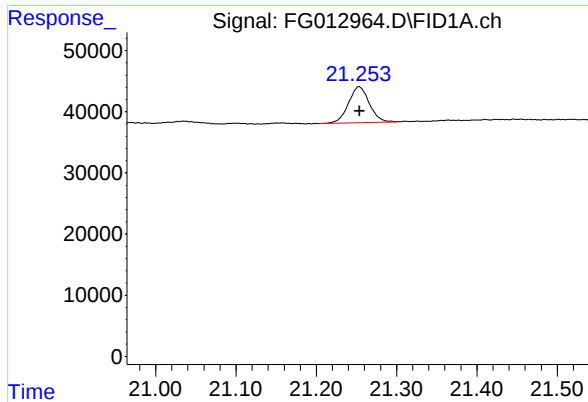
#15 N-TETRATRIACONTANE

R.T.: 19.760 min
Delta R.T.: -0.001 min
Response: 198539
Conc: 2.10 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.498 min
Delta R.T.: -0.003 min
Response: 141473
Conc: 1.91 ug/ml



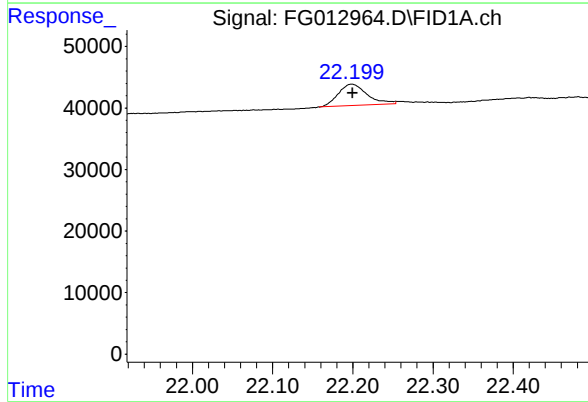
#17 N-OCTATRIACONTANE

R.T.: 21.253 min
Delta R.T.: 0.000 min
Response: 105116
Conc: 1.59 ug/ml

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

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :Ankita Jodhani 10/05/2023



#18 N-TETRACONTANE

R.T.: 22.199 min
Delta R.T.: -0.001 min
Response: 87063
Conc: 1.38 ug/ml m