

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061223AL\
 Data File : FG012153.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2023 12:17
 Operator : YP\AJ
 Sample : 02213-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :Ankita Jodhani 06/13/2023

Integration File: autoint1.e
 Quant Time: Jun 13 01:17:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	12.353	5063102	42.697 ug/ml
Spiked Amount 50.000		Recovery =	85.39%
Target Compounds			
1) T n-Nonane (C9)	2.752	158594	1.377 ug/ml
2) T n-Decane (C10)	3.761	212362	1.800 ug/ml
4) T n-Dodecane (C12)	5.752	262859	2.192 ug/ml
6) T n-Tetradecane (C14)	7.546	246755	2.032 ug/ml
7) T n-Hexadecane (C16)	9.149	270422	2.083 ug/ml
8) T n-Octadecane (C18)	10.592	314219	2.308 ug/ml
10) T n-Eicosane (C20)	11.903	324050	2.401 ug/ml
11) T n-Heneicosane (C21)	12.516	288777	2.148 ug/ml
13) T n-Docosane (C22)	13.103	322621	2.388 ug/mlm
14) T n-Tetracosane (C24)	14.209	314701	2.312 ug/mlm
15) T n-Hexacosane (C26)	15.234	292285	2.185 ug/ml
16) T n-Octacosane (C28)	16.186	291201	2.231 ug/ml
17) T n-Tricontane (C30)	17.076	324080	2.457 ug/ml
18) T n-Dotriacontane (C32)	17.911	347945	2.708 ug/ml
19) T n-Tetratriacontane (C34)	18.699	331612	2.706 ug/ml
20) T n-Hexatriacontane (C36)	19.440	288628	2.481 ug/ml
21) T n-Octatriacontane (C38)	20.183	248058	2.208 ug/ml
22) T n-Tetracontane (C40)	21.100	280472	2.603 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061223AL\
Data File : FG012153.D
Signal(s) : FID1A.ch
Acq On : 12 Jun 2023 12:17
Operator : YP\AJ
Sample : 02213-07
Misc : 2.5 PPM WATER LOD
ALS Vial : 13 Sample Multiplier: 1

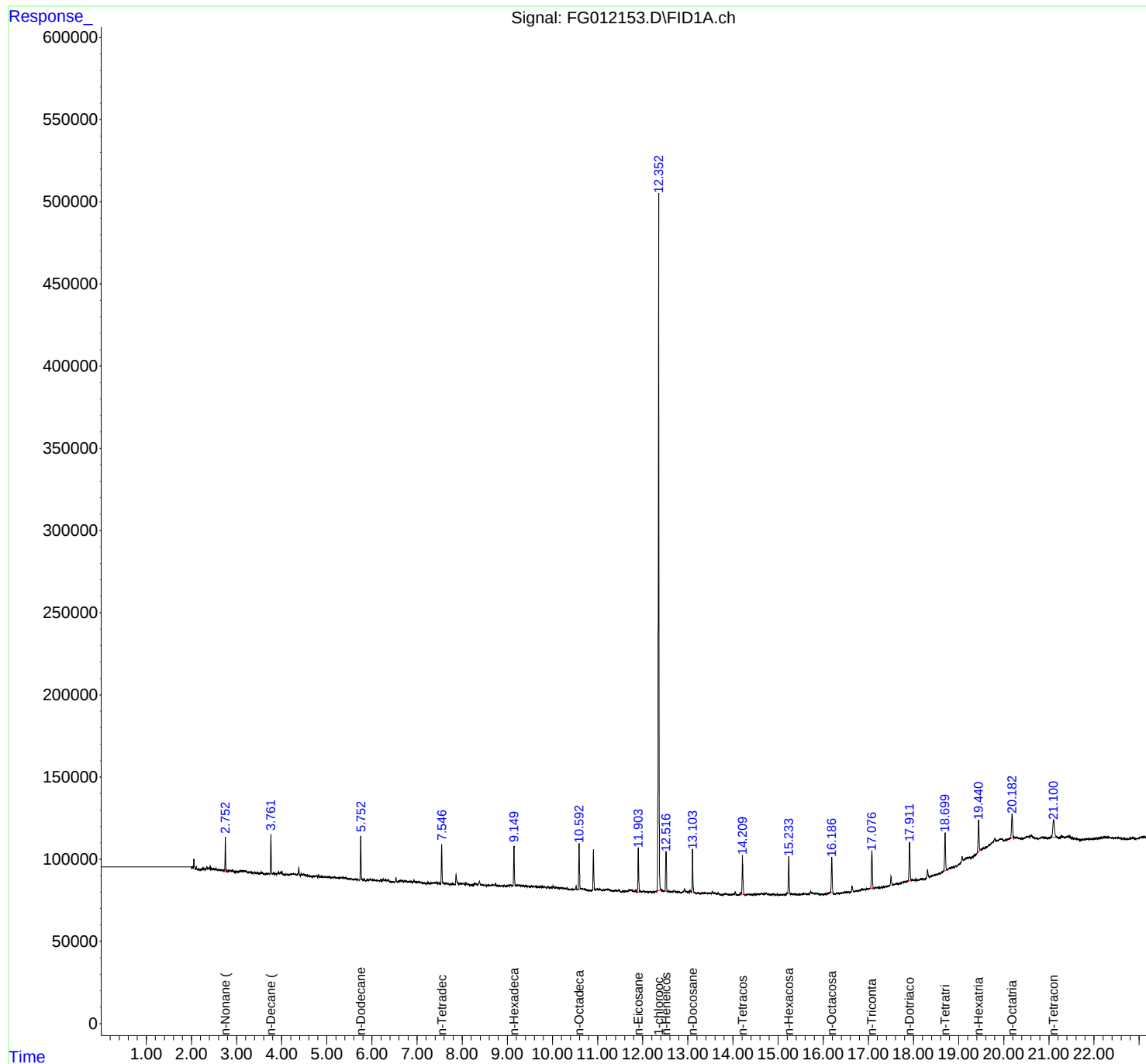
Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

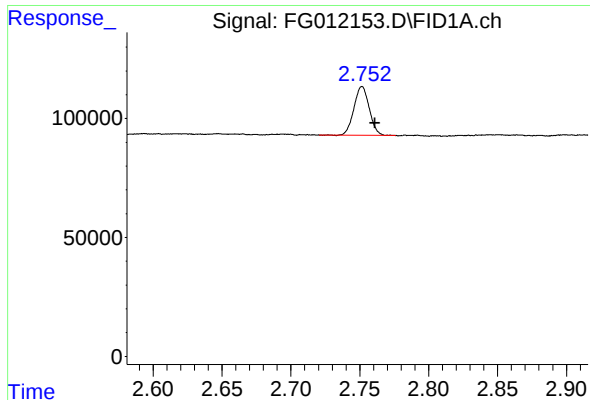
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2023
Supervised By :Ankita Jodhani 06/13/2023

Integration File: autoint1.e
Quant Time: Jun 13 01:17:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
Quant Title : GC Extractables
QLast Update : Fri May 19 12:59:06 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.752 min
Delta R.T.: -0.009 min
Response: 158594
Conc: 1.38 ug/ml

Instrument :

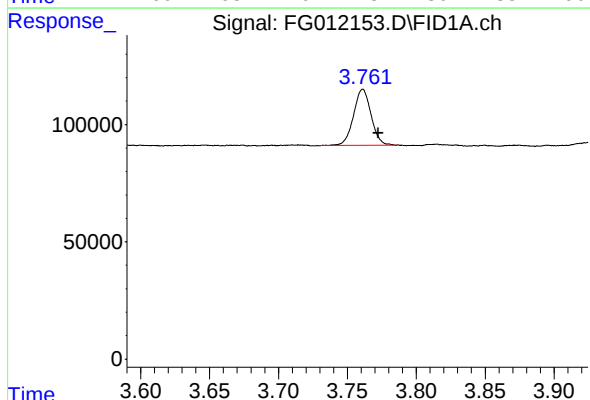
FID_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

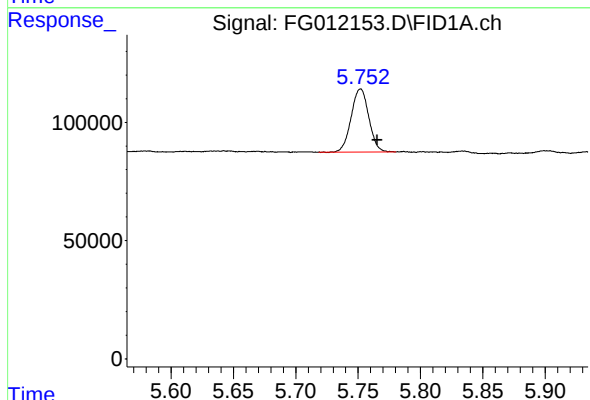
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2023
Supervised By :Ankita Jodhani 06/13/2023



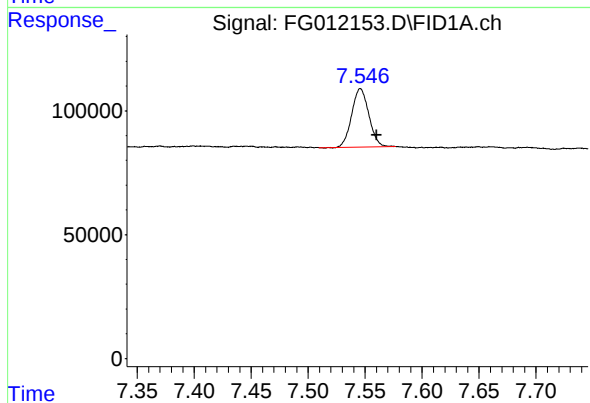
#2 n-Decane (C10)

R.T.: 3.761 min
Delta R.T.: -0.011 min
Response: 212362
Conc: 1.80 ug/ml



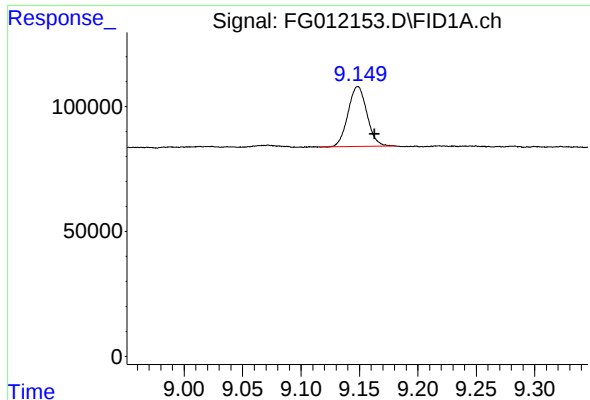
#4 n-Dodecane (C12)

R.T.: 5.752 min
Delta R.T.: -0.013 min
Response: 262859
Conc: 2.19 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.546 min
Delta R.T.: -0.014 min
Response: 246755
Conc: 2.03 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.149 min
Delta R.T.: -0.014 min
Response: 270422
Conc: 2.08 ug/ml

Instrument :

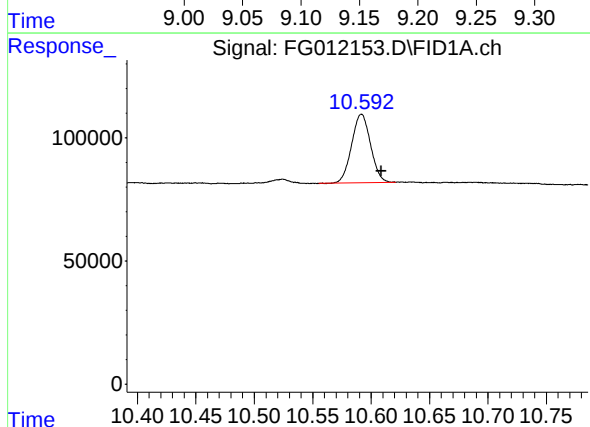
FID_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

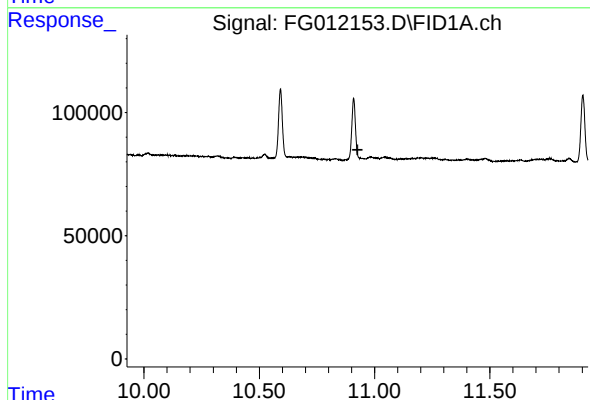
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2023
Supervised By :Ankita Jodhani 06/13/2023



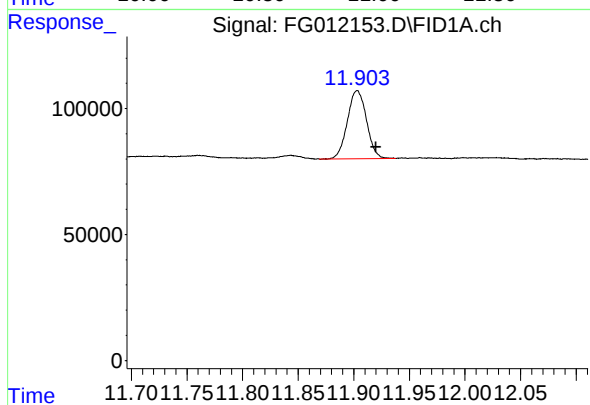
#8 n-Octadecane (C18)

R.T.: 10.592 min
Delta R.T.: -0.017 min
Response: 314219
Conc: 2.31 ug/ml



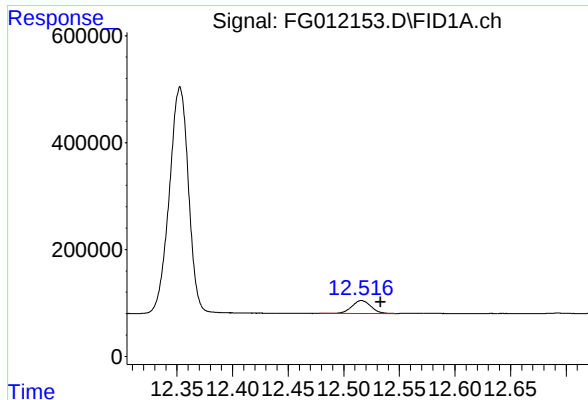
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 10.926 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.903 min
Delta R.T.: -0.017 min
Response: 324050
Conc: 2.40 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.516 min
Delta R.T.: -0.017 min
Response: 288777
Conc: 2.15 ug/ml

Instrument :

FID_G

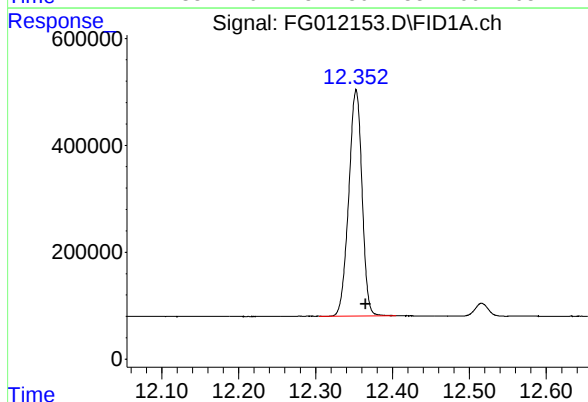
ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Manual Integrations

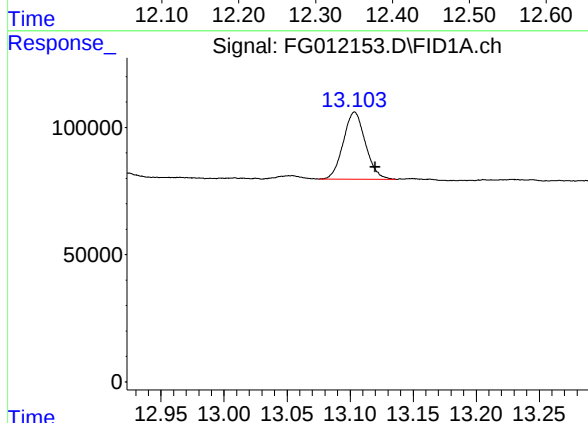
APPROVED

Reviewed By :Yogesh Patel 06/13/2023
Supervised By :Ankita Jodhani 06/13/2023



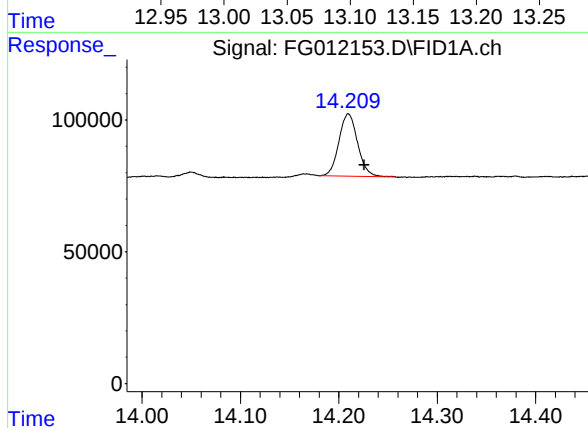
#12 1-chlorooctadecane (SURR)

R.T.: 12.353 min
Delta R.T.: -0.013 min
Response: 5063102
Conc: 42.70 ug/ml



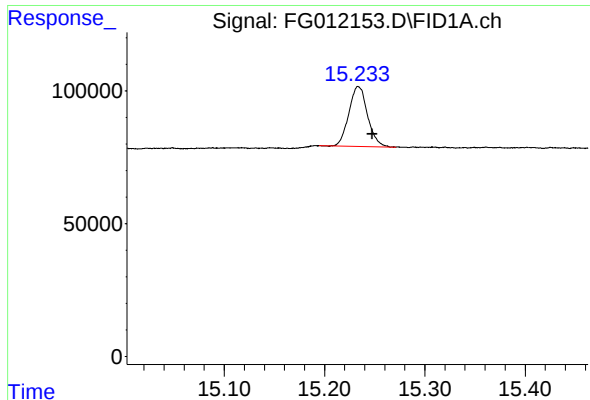
#13 n-Docosane (C22)

R.T.: 13.103 min
Delta R.T.: -0.017 min
Response: 322621
Conc: 2.39 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.209 min
Delta R.T.: -0.017 min
Response: 314701
Conc: 2.31 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.234 min
Delta R.T.: -0.014 min
Response: 292285
Conc: 2.18 ug/ml

Instrument :

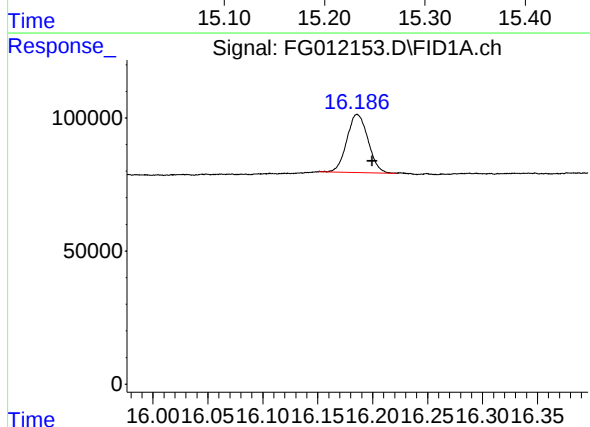
FID_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

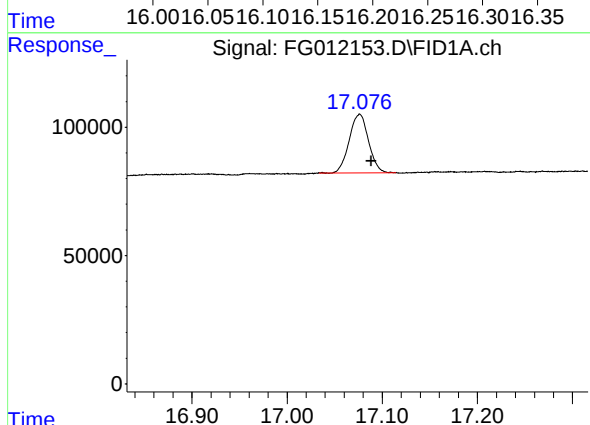
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2023
Supervised By :Ankita Jodhani 06/13/2023



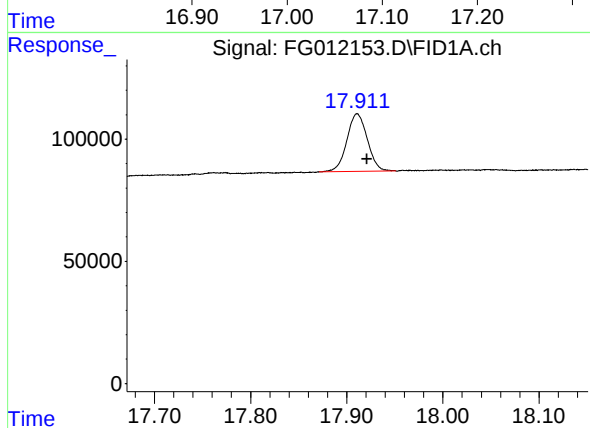
#16 n-Octacosane (C28)

R.T.: 16.186 min
Delta R.T.: -0.014 min
Response: 291201
Conc: 2.23 ug/ml



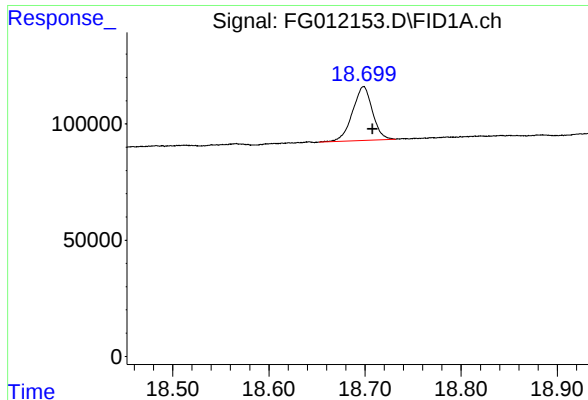
#17 n-Tricontane (C30)

R.T.: 17.076 min
Delta R.T.: -0.012 min
Response: 324080
Conc: 2.46 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.911 min
Delta R.T.: -0.010 min
Response: 347945
Conc: 2.71 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 18.699 min
Delta R.T.: -0.009 min
Response: 331612
Conc: 2.71 ug/ml

Instrument :

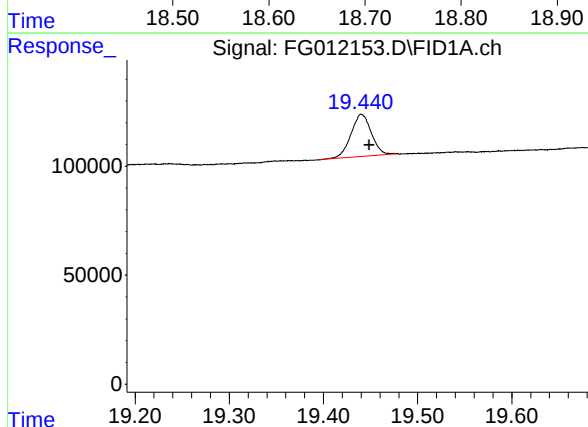
FID_G

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

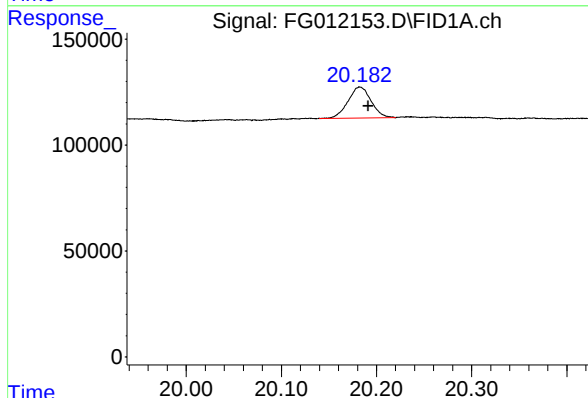
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2023
Supervised By :Ankita Jodhani 06/13/2023



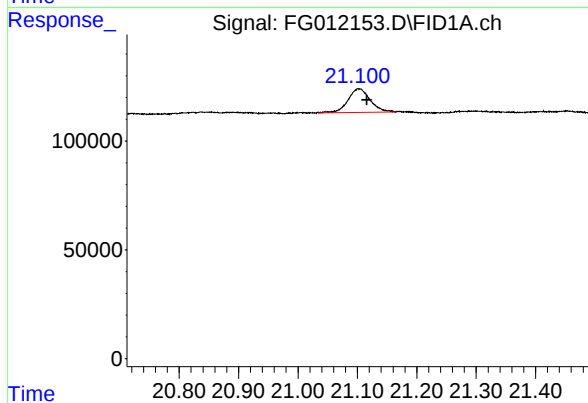
#20 n-Hexatriacontane (C36)

R.T.: 19.440 min
Delta R.T.: -0.008 min
Response: 288628
Conc: 2.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.183 min
Delta R.T.: -0.009 min
Response: 248058
Conc: 2.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.100 min
Delta R.T.: -0.016 min
Response: 280472
Conc: 2.60 ug/ml m