

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100923AL\
 Data File : FG013054.D
 Signal(s) : FID1A.ch
 Acq On : 09 Oct 2023 17:47
 Operator : YP\AJ
 Sample : 04699-07
 Misc : 2.5PPM WATER LOD
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Oct 09 23:50:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:45:31 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...	13.433	2689502	26.687 ug/ml
Spiked Amount 50.000		Recovery =	53.37%
Target Compounds			
1) T n-Nonane (C9)	3.345	150214	1.258 ug/ml
2) T n-Decane (C10)	4.598	195689	1.605 ug/ml
4) T n-Dodecane (C12)	6.772	243618	1.999 ug/ml
6) T n-Tetradecane (C14)	8.606	217888	1.821 ug/ml
7) T n-Hexadecane (C16)	10.220	219878	1.797 ug/ml
8) T n-Octadecane (C18)	11.669	224703	1.835 ug/ml
10) T n-Eicosane (C20)	12.984	233111	1.997 ug/ml
11) T n-Heneicosane (C21)	13.598	225430	1.974 ug/ml
13) T n-Docosane (C22)	14.185	228491	2.013 ug/ml
14) T n-Tetracosane (C24)	15.292	236210	2.087 ug/mlm
15) T n-Hexacosane (C26)	16.315	226282	2.041 ug/ml
16) T n-Octacosane (C28)	17.268	238627	2.175 ug/ml
17) T n-Tricontane (C30)	18.157	263835	2.304 ug/ml
18) T n-Dotriacontane (C32)	18.990	274148	2.388 ug/ml
19) T n-Tetratriacontane (C34)	19.775	258244	2.308 ug/ml
20) T n-Hexatriacontane (C36)	20.517	236936	2.078 ug/mlm
21) T n-Octatriacontane (C38)	21.274	208576	1.818 ug/ml
22) T n-Tetracontane (C40)	22.227	208471	1.801 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100923AL\
Data File : FG013054.D
Signal(s) : FID1A.ch
Acq On : 09 Oct 2023 17:47
Operator : YP\AJ
Sample : 04699-07
Misc : 2.5PPM WATER LOD
ALS Vial : 16 Sample Multiplier: 1

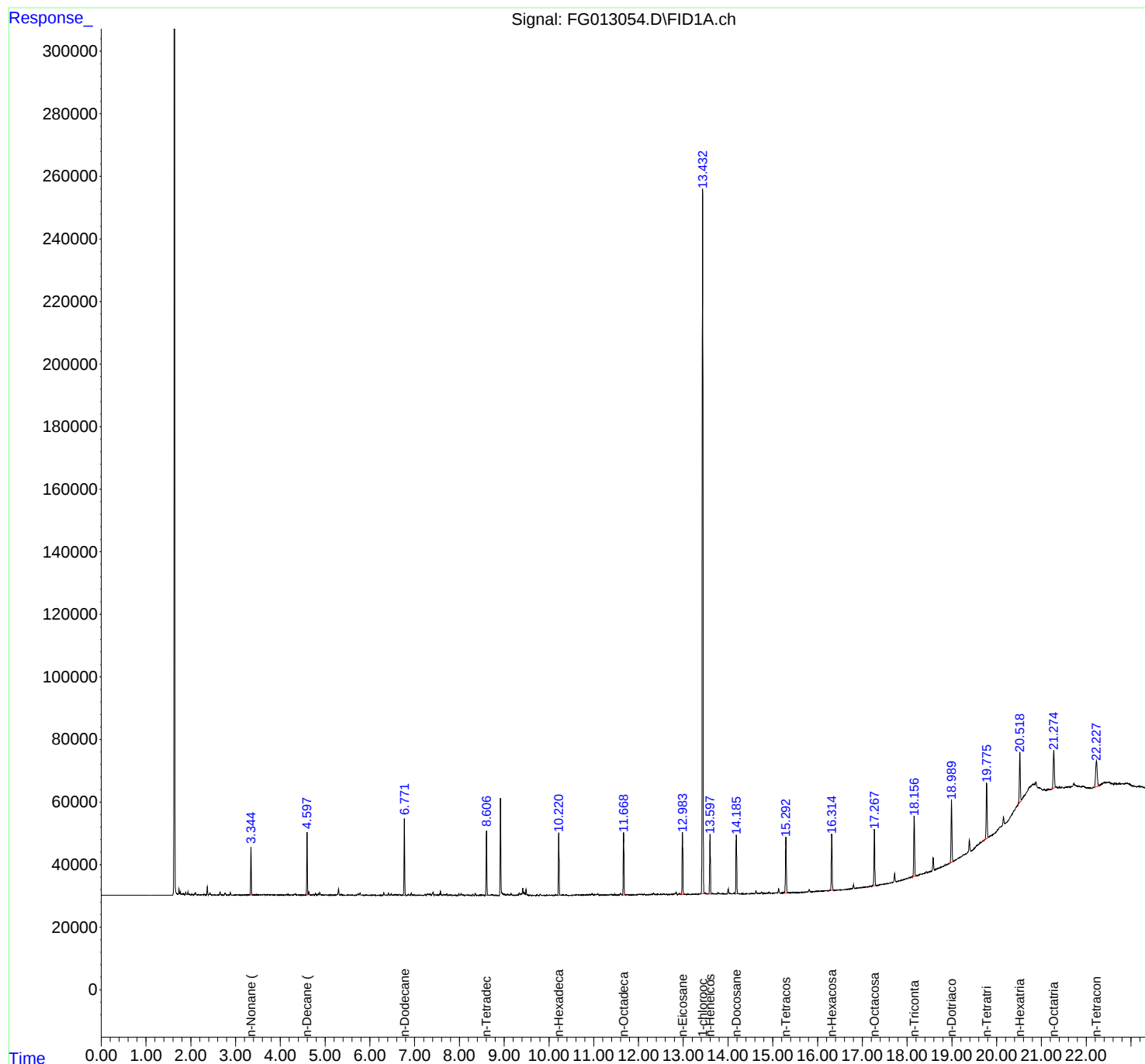
Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

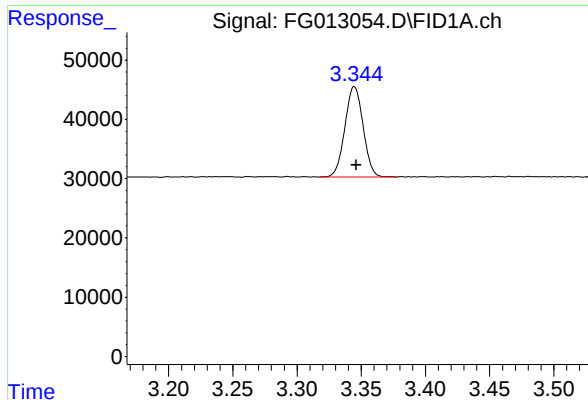
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Oct 09 23:50:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100623.M
Quant Title : GC Extractables
QLast Update : Sat Oct 07 07:45:31 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.: 3.345 min
Delta R.T.: -0.001 min
Response: 150214
Conc: 1.26 ug/ml

Instrument :

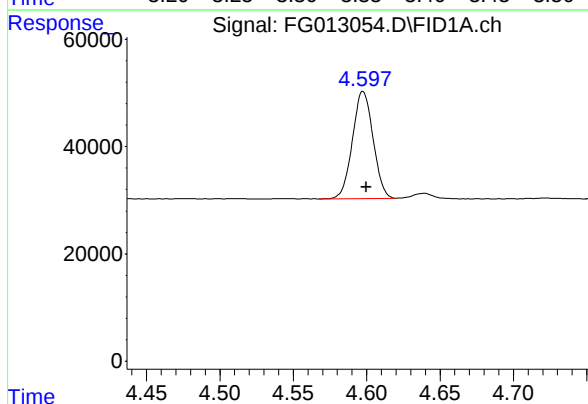
FID_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

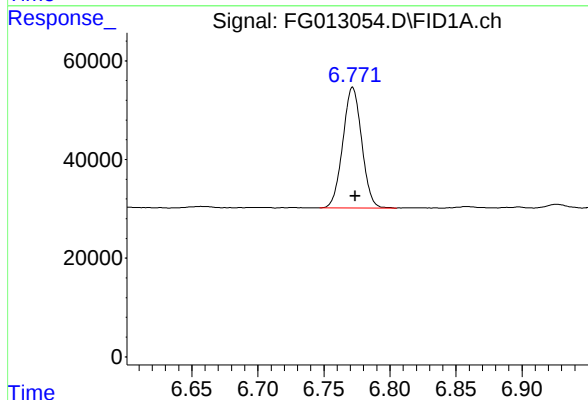
Manual Integrations
APPROVED

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



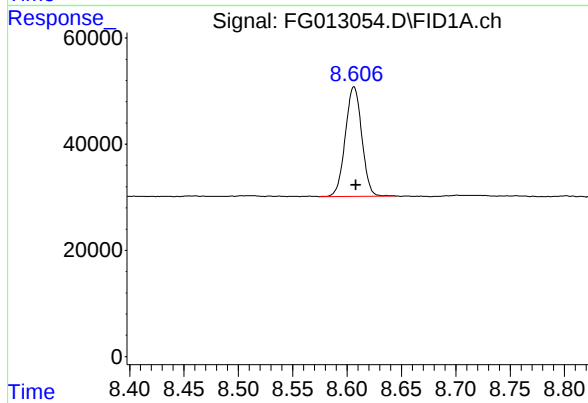
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 195689
Conc: 1.61 ug/ml



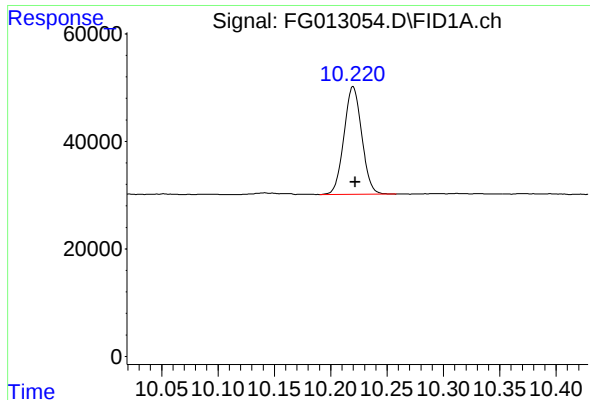
#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 243618
Conc: 2.00 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: -0.002 min
Response: 217888
Conc: 1.82 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: -0.002 min
Response: 219878
Conc: 1.80 ug/ml

Instrument :

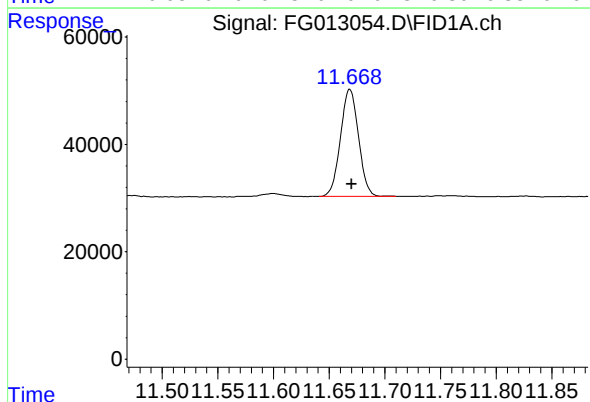
FID_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

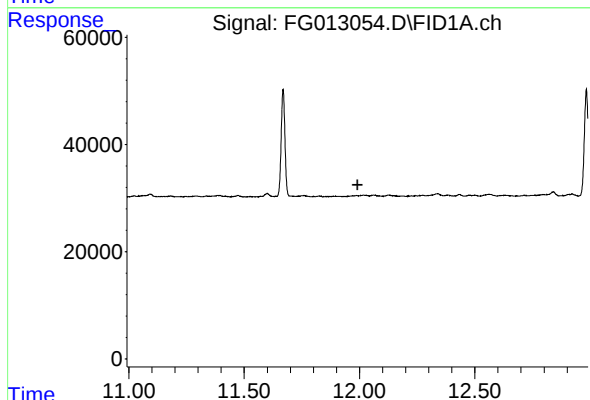
Manual Integrations
APPROVED

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



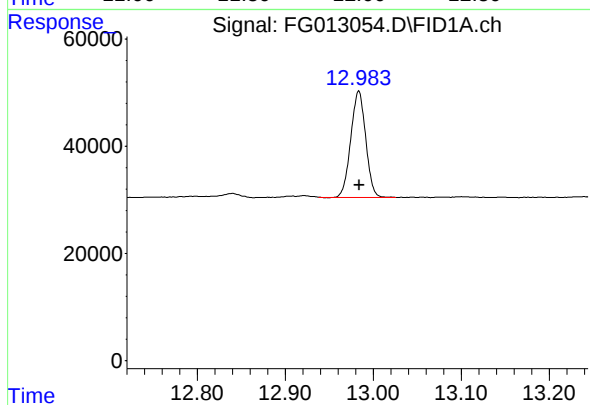
#8 n-Octadecane (C18)

R.T.: 11.669 min
Delta R.T.: -0.002 min
Response: 224703
Conc: 1.84 ug/ml



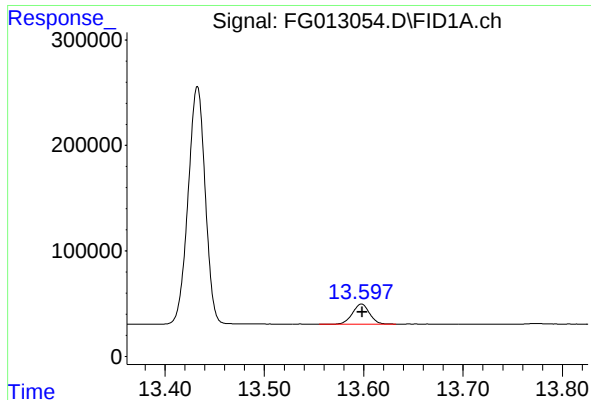
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.991 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.984 min
Delta R.T.: 0.000 min
Response: 233111
Conc: 2.00 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.598 min
Delta R.T.: 0.000 min
Response: 225430
Conc: 1.97 ug/ml

Instrument :

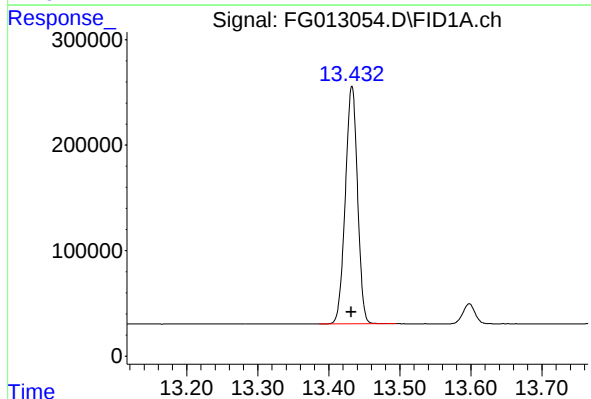
FID_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

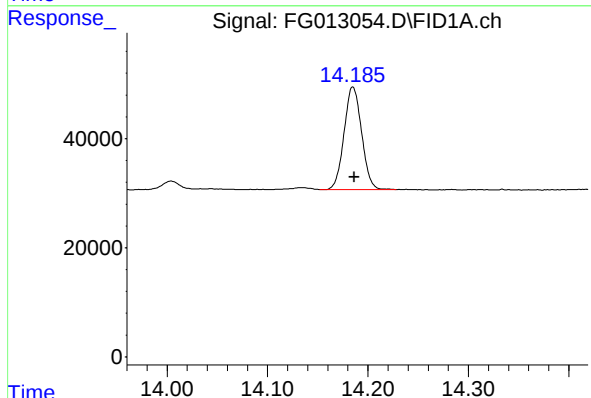
Manual Integrations
APPROVED

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



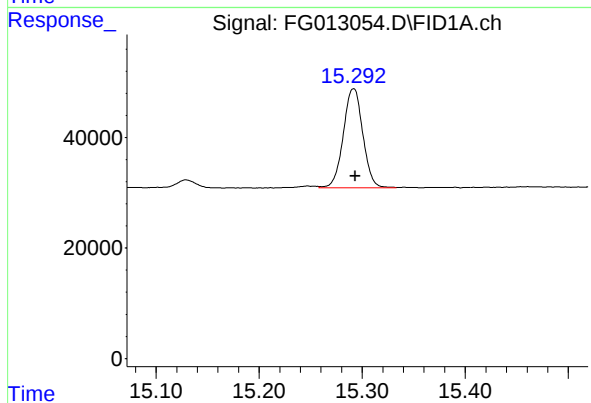
#12 1-chlorooctadecane (SURR)

R.T.: 13.433 min
Delta R.T.: 0.000 min
Response: 2689502
Conc: 26.69 ug/ml



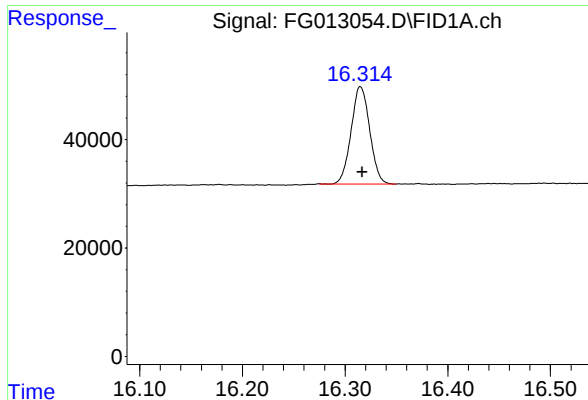
#13 n-Docosane (C22)

R.T.: 14.185 min
Delta R.T.: -0.002 min
Response: 228491
Conc: 2.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.292 min
Delta R.T.: -0.002 min
Response: 236210
Conc: 2.09 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 16.315 min
Delta R.T.: -0.002 min
Response: 226282
Conc: 2.04 ug/ml

Instrument :

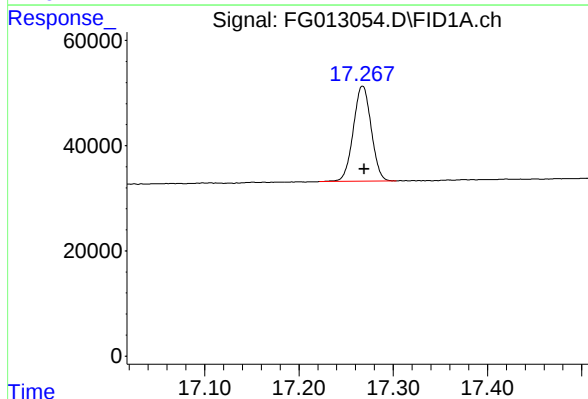
FID_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

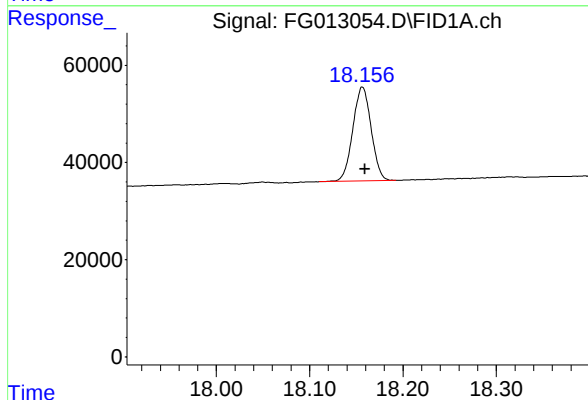
Manual Integrations
APPROVED

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



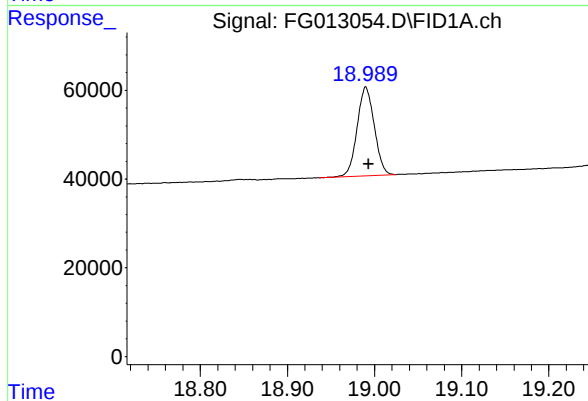
#16 n-Octacosane (C28)

R.T.: 17.268 min
Delta R.T.: -0.002 min
Response: 238627
Conc: 2.18 ug/ml



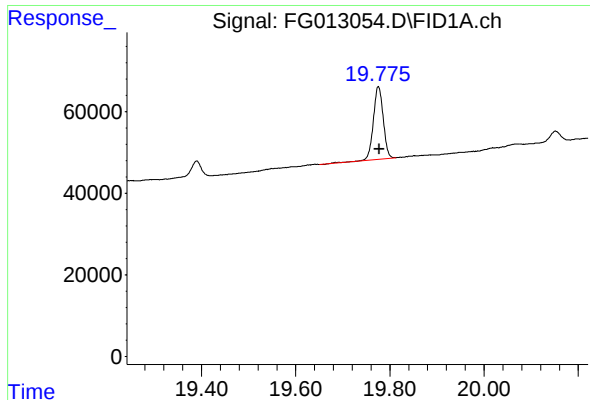
#17 n-Tricontane (C30)

R.T.: 18.157 min
Delta R.T.: -0.002 min
Response: 263835
Conc: 2.30 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.990 min
Delta R.T.: -0.003 min
Response: 274148
Conc: 2.39 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.775 min
Delta R.T.: -0.002 min
Response: 258244
Conc: 2.31 ug/ml

Instrument :

FID_G

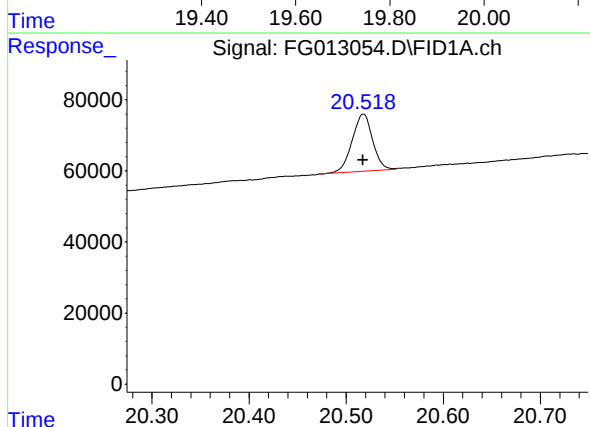
ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Manual Integrations

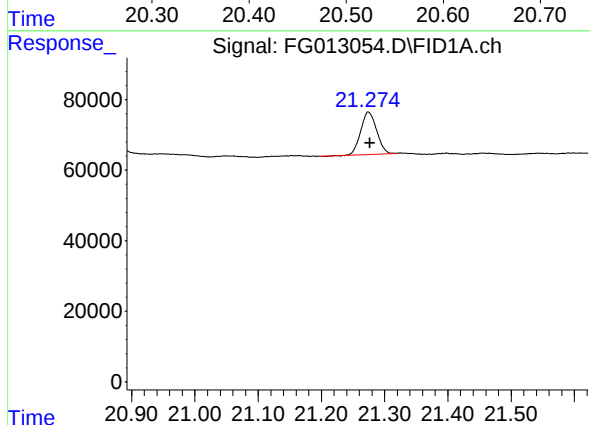
APPROVED

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



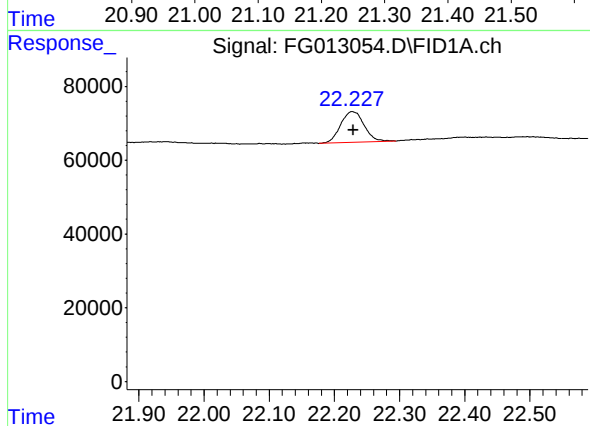
#20 n-Hexatriacontane (C36)

R.T.: 20.517 min
Delta R.T.: 0.000 min
Response: 236936
Conc: 2.08 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.274 min
Delta R.T.: -0.003 min
Response: 208576
Conc: 1.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.227 min
Delta R.T.: -0.002 min
Response: 208471
Conc: 1.80 ug/ml m