

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061022AL\
 Data File : FC060189.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jun 2022 13:43
 Operator : UA/NP
 Sample : N1645-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2022
 Supervised By :Ankita Jodhani 06/13/2022

Integration File: autoint1.e
 Quant Time: Jun 10 23:05:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.015	4195839	33.840 ug/ml
Spiked Amount 50.000		Recovery =	67.68%
Target Compounds			
1) T n-Nonane (C9)	2.643	249835	1.952 ug/ml
2) T n-Decane (C10)	3.638	326080	2.549 ug/mlm
4) T n-Dodecane (C12)	5.585	517636	3.883 ug/ml
6) T n-Tetradecane (C14)	7.332	438883	3.215 ug/mlm
7) T n-Hexadecane (C16)	8.894	461657	3.290 ug/ml
8) T n-Octadecane (C18)	10.300	502515	3.511 ug/ml
10) T n-Eicosane (C20)	11.577	531636	3.726 ug/ml
11) T n-Heneicosane (C21)	12.176	543277	3.790 ug/ml
13) T n-Docosane (C22)	12.748	542177	3.805 ug/ml
14) T n-Tetracosane (C24)	13.826	541685	3.860 ug/ml
15) T n-Hexacosane (C26)	14.823	518650	3.830 ug/ml
16) T n-Octacosane (C28)	15.751	514802	3.953 ug/ml
17) T n-Tricontane (C30)	16.617	514802	4.205 ug/mlm
18) T n-Dotriacontane (C32)	17.430	524520	4.704 ug/ml
19) T n-Tetratriacontane (C34)	18.196	437280	4.287 ug/ml
20) T n-Hexatriacontane (C36)	18.917	354857	3.747 ug/ml
21) T n-Octatriacontane (C38)	19.600	330000	3.577 ug/ml
22) T n-Tetracontane (C40)	20.247	327527	3.481 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061022AL\
Data File : FC060189.D
Signal(s) : FID1A.CH
Acq On : 10 Jun 2022 13:43
Operator : UA/NP
Sample : N1645-07
Misc : 4 PPM WATER LOD
ALS Vial : 7 Sample Multiplier: 1

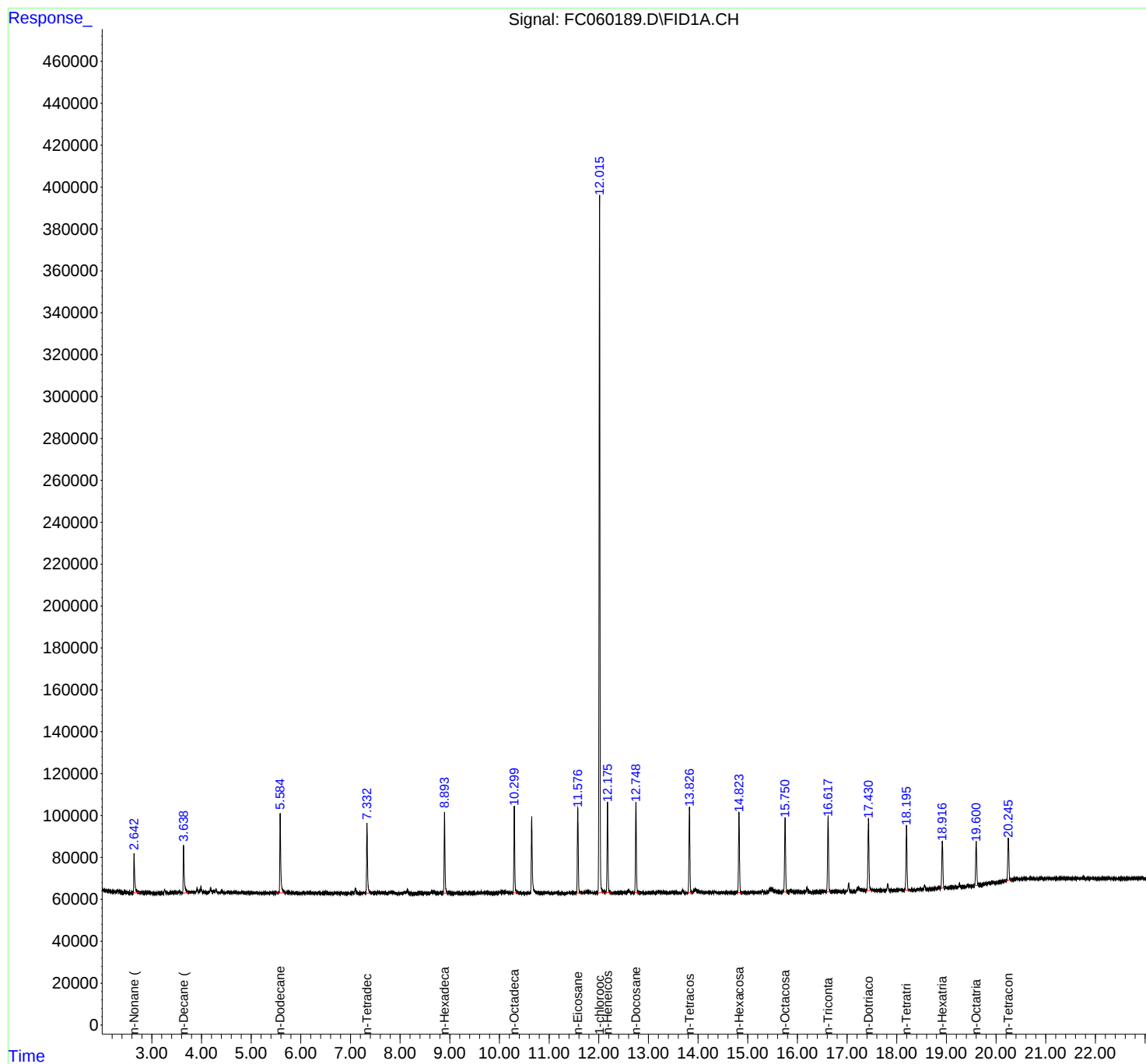
Instrument :
FID_C
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

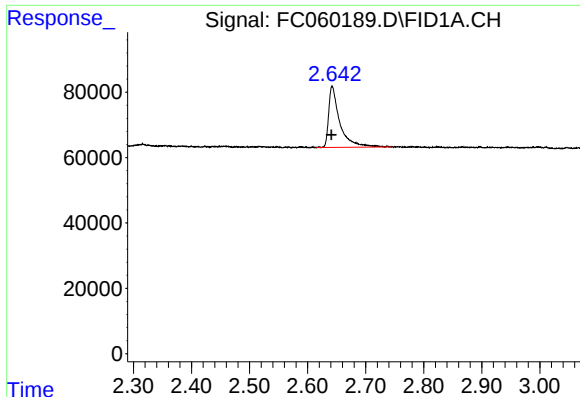
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022

Integration File: autoint1.e
Quant Time: Jun 10 23:05:03 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
Quant Title : GC Extractables
QLast Update : Sat May 28 08:22:04 2022
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





#1 n-Nonane (C9)

R.T.: 2.643 min
Delta R.T.: 0.002 min
Response: 249835
Conc: 1.95 ug/ml

Instrument :

FID_C

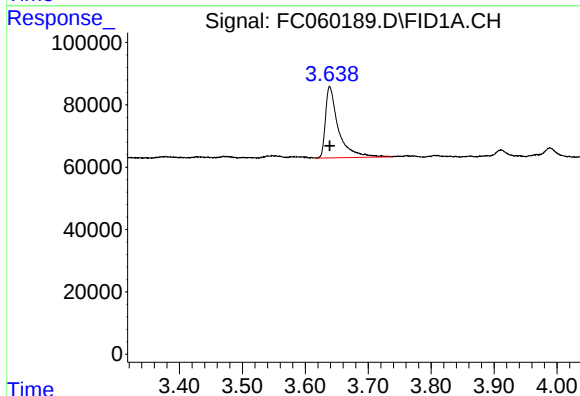
ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Manual Integrations

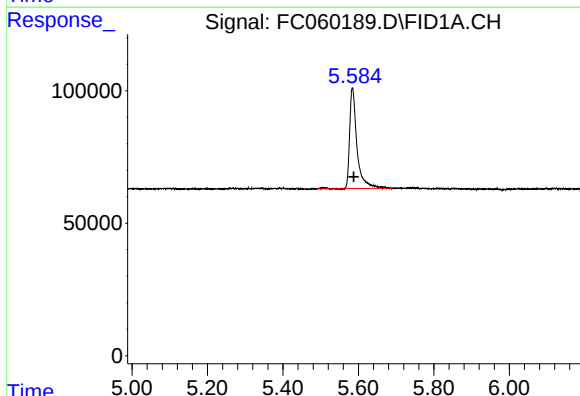
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022



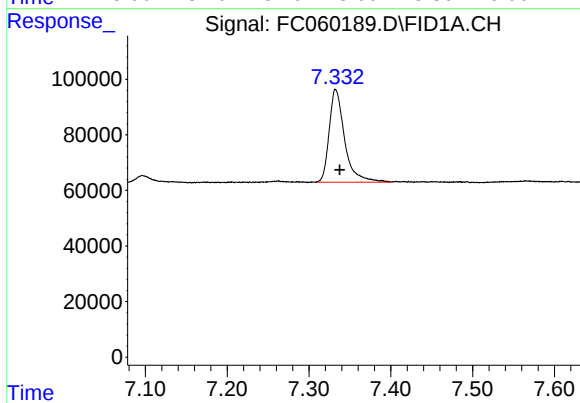
#2 n-Decane (C10)

R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 326080
Conc: 2.55 ug/ml m



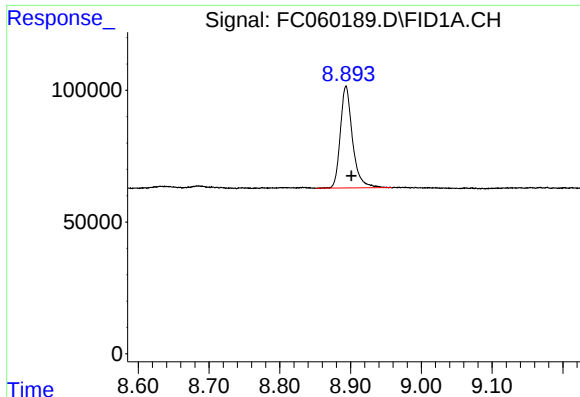
#4 n-Dodecane (C12)

R.T.: 5.585 min
Delta R.T.: -0.003 min
Response: 517636
Conc: 3.88 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 438883
Conc: 3.21 ug/ml m



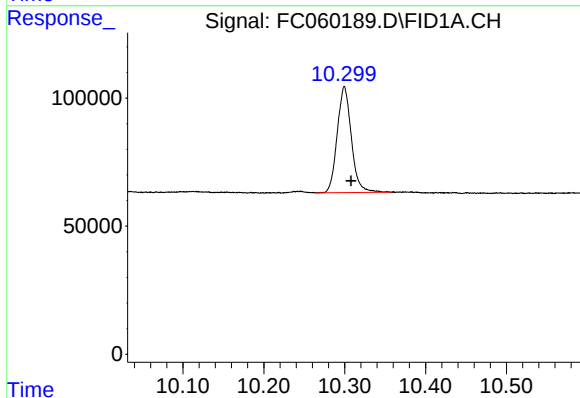
#7 n-Hexadecane (C16)

R.T.: 8.894 min
Delta R.T.: -0.008 min
Response: 461657
Conc: 3.29 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

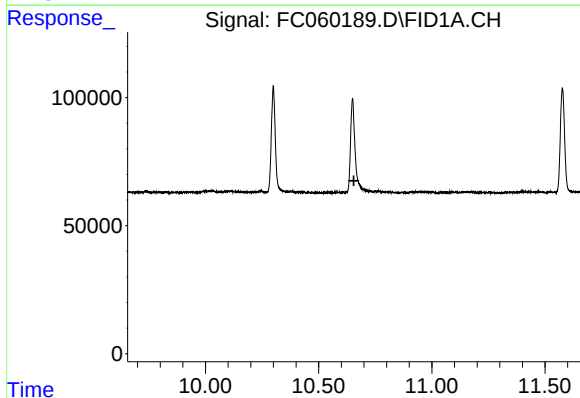
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022



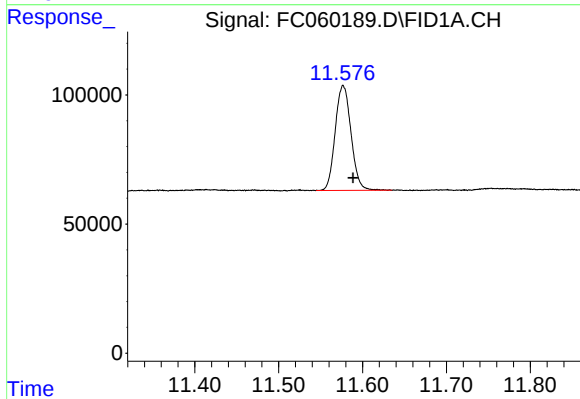
#8 n-Octadecane (C18)

R.T.: 10.300 min
Delta R.T.: -0.008 min
Response: 502515
Conc: 3.51 ug/ml



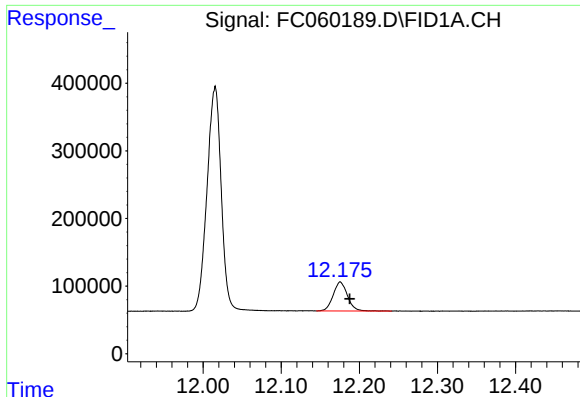
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.656 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.577 min
Delta R.T.: -0.012 min
Response: 531636
Conc: 3.73 ug/ml



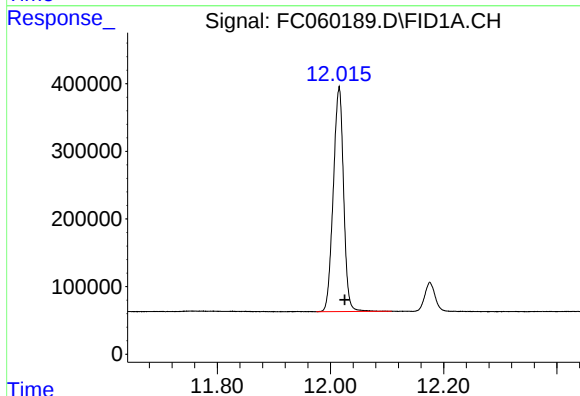
#11 n-Heneicosane (C21)

R.T.: 12.176 min
Delta R.T.: -0.012 min
Response: 543277
Conc: 3.79 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

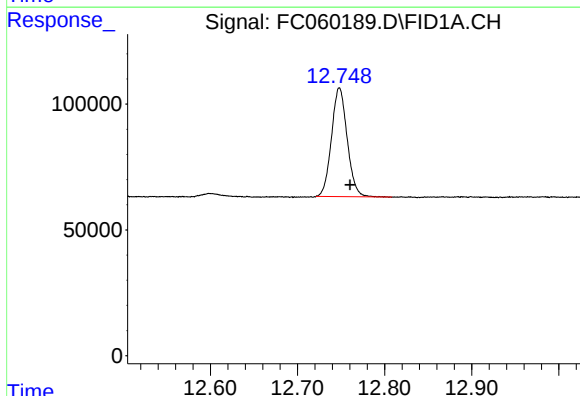
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022



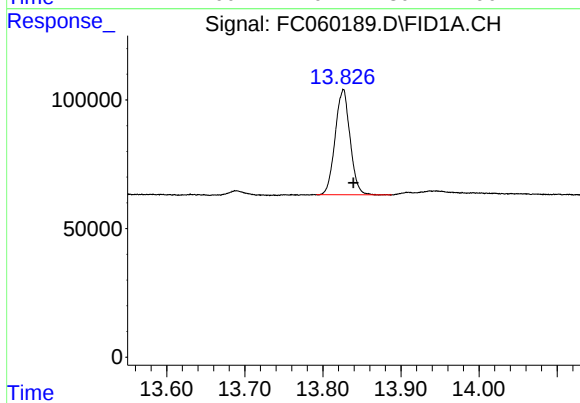
#12 1-chlorooctadecane (SURR)

R.T.: 12.015 min
Delta R.T.: -0.010 min
Response: 4195839
Conc: 33.84 ug/ml



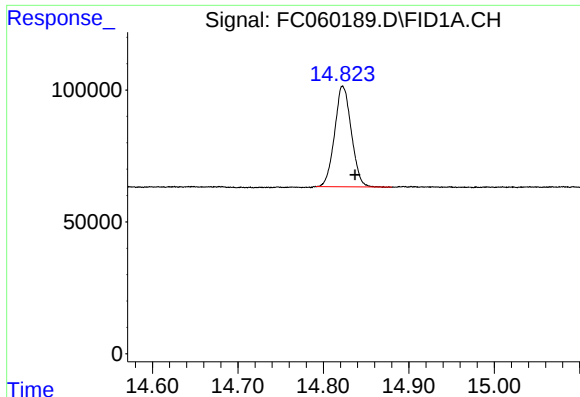
#13 n-Docosane (C22)

R.T.: 12.748 min
Delta R.T.: -0.012 min
Response: 542177
Conc: 3.80 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.826 min
Delta R.T.: -0.013 min
Response: 541685
Conc: 3.86 ug/ml



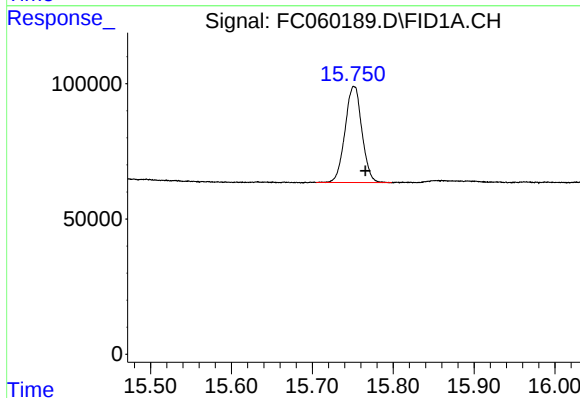
#15 n-Hexacosane (C26)

R.T.: 14.823 min
Delta R.T.: -0.014 min
Response: 518650
Conc: 3.83 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

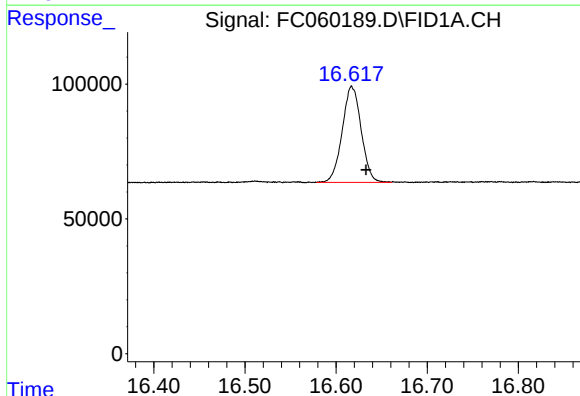
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022



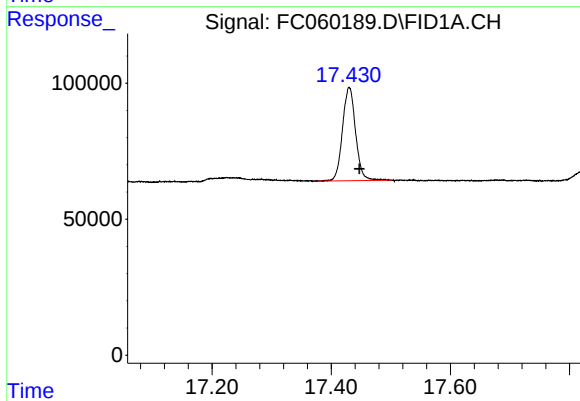
#16 n-Octacosane (C28)

R.T.: 15.751 min
Delta R.T.: -0.014 min
Response: 514802
Conc: 3.95 ug/ml



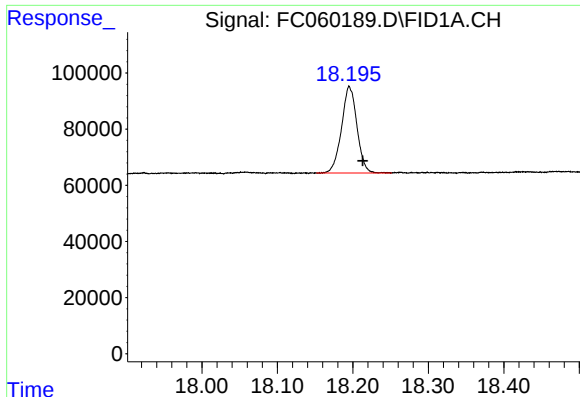
#17 n-Tricontane (C30)

R.T.: 16.617 min
Delta R.T.: -0.016 min
Response: 514802
Conc: 4.21 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.430 min
Delta R.T.: -0.017 min
Response: 524520
Conc: 4.70 ug/ml



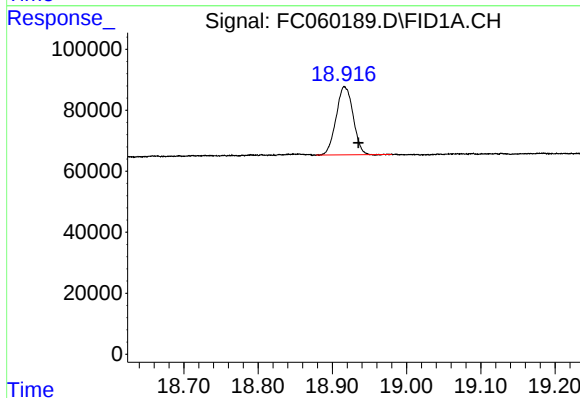
#19 n-Tetratriacontane (C34)

R.T.: 18.196 min
Delta R.T.: -0.017 min
Response: 437280
Conc: 4.29 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

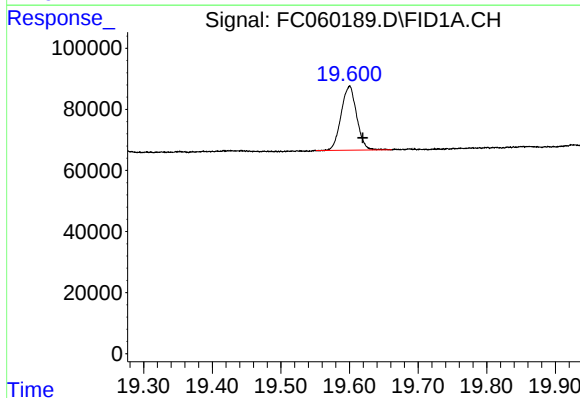
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022



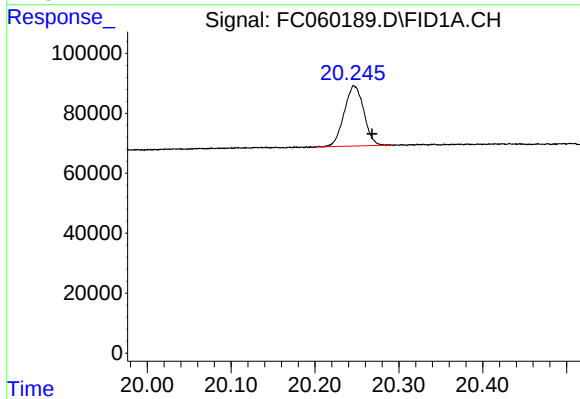
#20 n-Hexatriacontane (C36)

R.T.: 18.917 min
Delta R.T.: -0.018 min
Response: 354857
Conc: 3.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.600 min
Delta R.T.: -0.019 min
Response: 330000
Conc: 3.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.247 min
Delta R.T.: -0.021 min
Response: 327527
Conc: 3.48 ug/ml