

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080224AL\
 Data File : FG014038.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2024 13:32
 Operator : YP\AJ
 Sample : P3390-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File: autoint1.e
 Quant Time: Aug 03 00:57:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 04:02:26 2024
 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...	13.286	2737016	27.083 ug/ml
Spiked Amount 50.000		Recovery =	54.17%
Target Compounds			
1) T n-Nonane (C9)	3.217	316833	2.431 ug/ml
2) T n-Decane (C10)	4.467	376367	2.834 ug/ml
4) T n-Dodecane (C12)	6.638	476047	3.591 ug/ml
6) T n-Tetradecane (C14)	8.471	467390	3.602 ug/ml
7) T n-Hexadecane (C16)	10.081	428005	3.252 ug/ml
8) T n-Octadecane (C18)	11.527	452297	3.450 ug/ml
10) T n-Eicosane (C20)	12.840	443977	3.578 ug/ml
11) T n-Heneicosane (C21)	13.454	419698	3.459 ug/ml
13) T n-Docosane (C22)	14.043	420833	3.506 ug/ml
14) T n-Tetracosane (C24)	15.148	422766	3.566 ug/ml
15) T n-Hexacosane (C26)	16.171	414927	3.568 ug/ml
16) T n-Octacosane (C28)	17.123	417026	3.660 ug/ml
17) T n-Tricontane (C30)	18.014	441738	3.812 ug/ml
18) T n-Dotriacontane (C32)	18.848	462717	4.040 ug/mlm
19) T n-Tetratriacontane (C34)	19.633	432603	3.812 ug/ml
20) T n-Hexatriacontane (C36)	20.375	397970	3.555 ug/ml
21) T n-Octatriacontane (C38)	21.107	377287	3.260 ug/ml
22) T n-Tetracontane (C40)	22.007	314705	2.705 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080224AL\
Data File : FG014038.D
Signal(s) : FID1A.ch
Acq On : 02 Aug 2024 13:32
Operator : YP\AJ
Sample : P3390-08
Misc : 5 PPM WATER LOQ
ALS Vial : 19 Sample Multiplier: 1

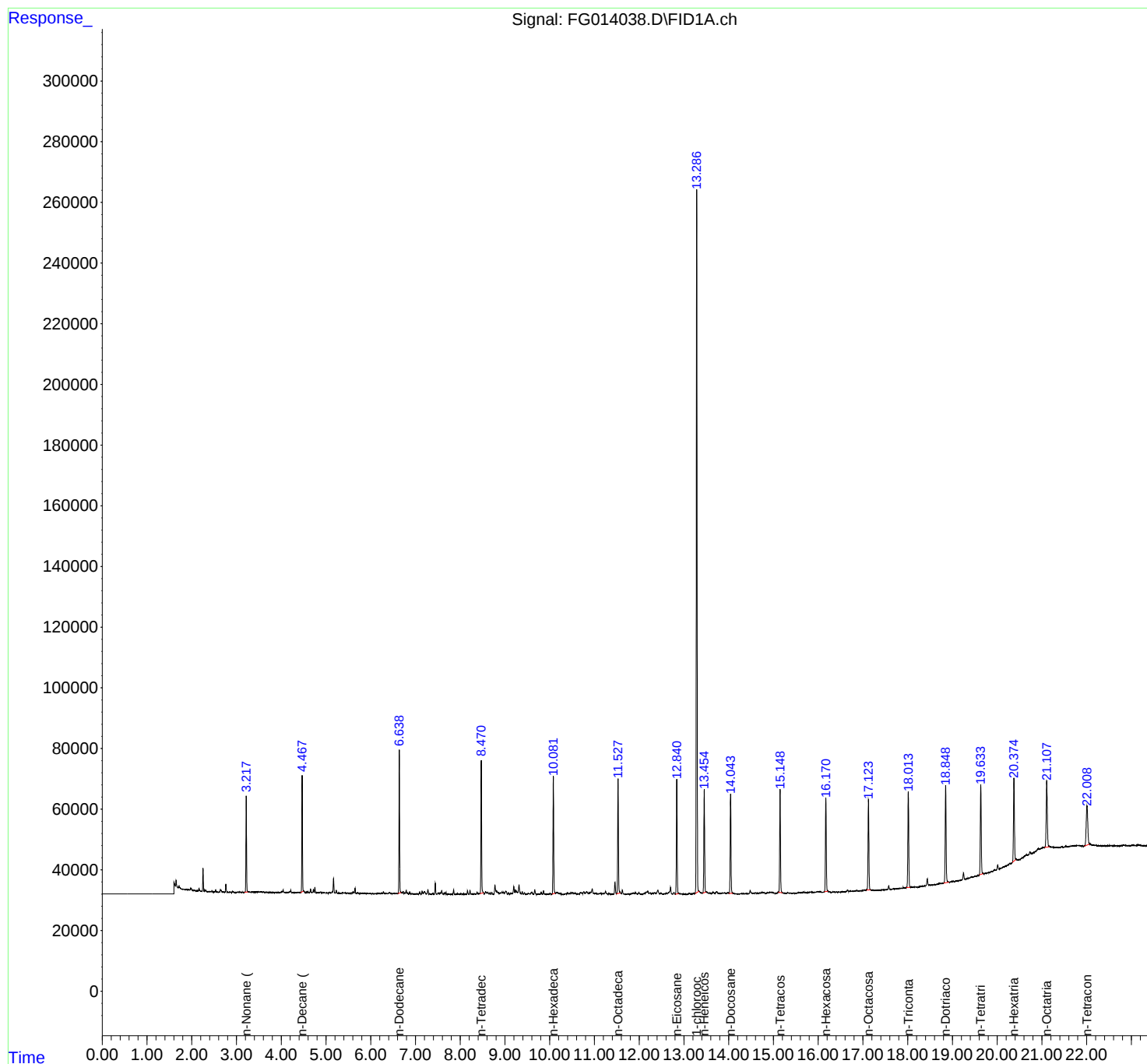
Instrument :
FID_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

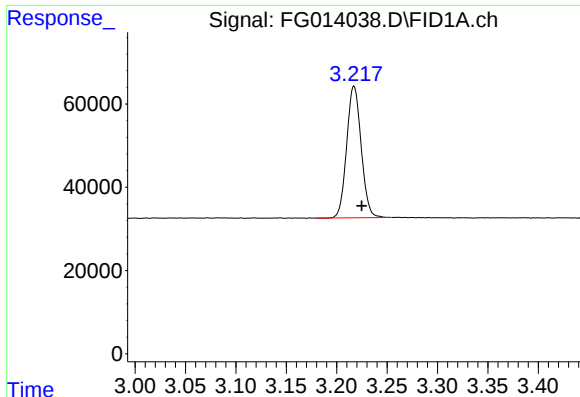
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024

Integration File: autoint1.e
Quant Time: Aug 03 00:57:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
Quant Title : GC Extractables
QLast Update : Tue Jul 30 04:02:26 2024
Response via : Initial Calibration
Integrator: ChemStation

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





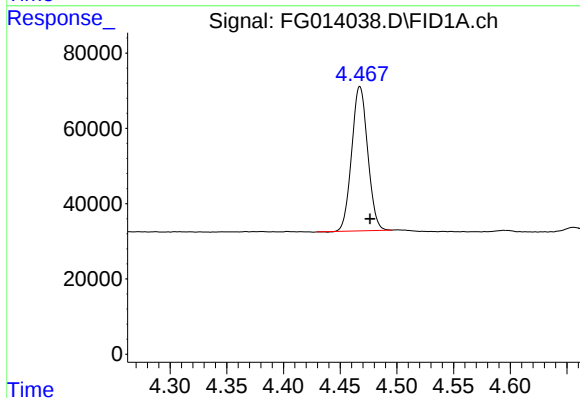
#1 n-Nonane (C9)

R.T.: 3.217 min
Delta R.T.: -0.008 min
Response: 316833
Conc: 2.43 ug/ml

Instrument : FID_G
ClientSampleId : LOQ-WATER-02-QT3-2024

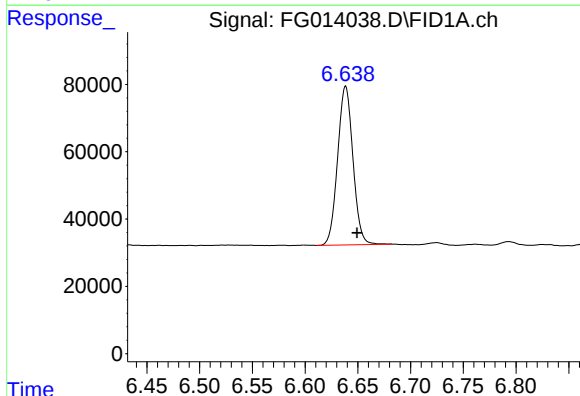
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



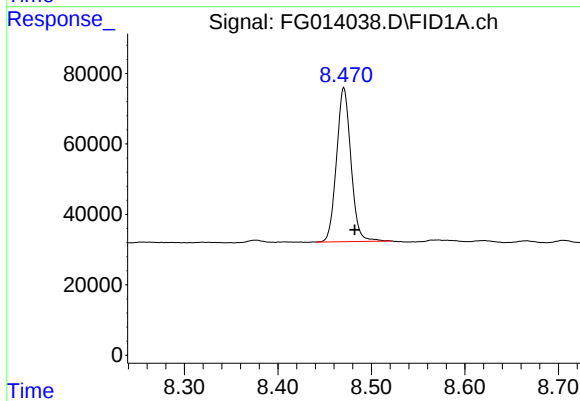
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.009 min
Response: 376367
Conc: 2.83 ug/ml



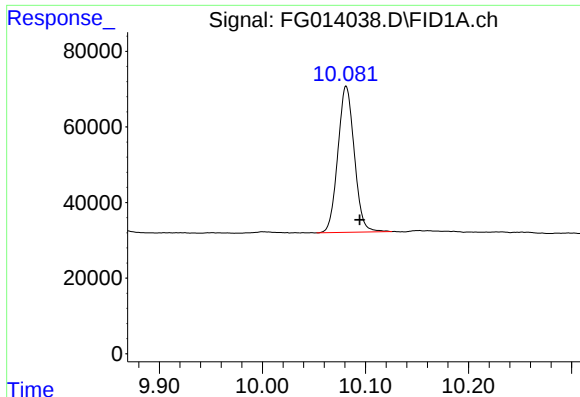
#4 n-Dodecane (C12)

R.T.: 6.638 min
Delta R.T.: -0.011 min
Response: 476047
Conc: 3.59 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.012 min
Response: 467390
Conc: 3.60 ug/ml



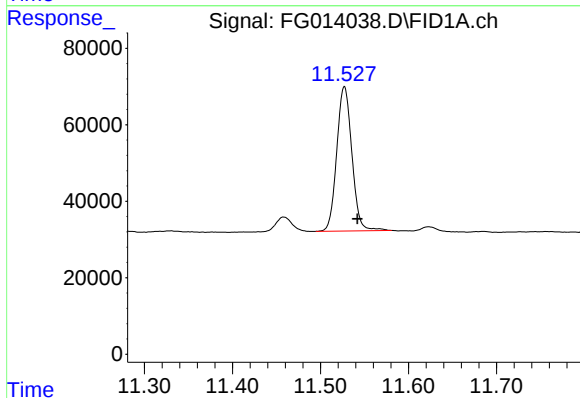
#7 n-Hexadecane (C16)

R.T.: 10.081 min
Delta R.T.: -0.013 min
Response: 428005
Conc: 3.25 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

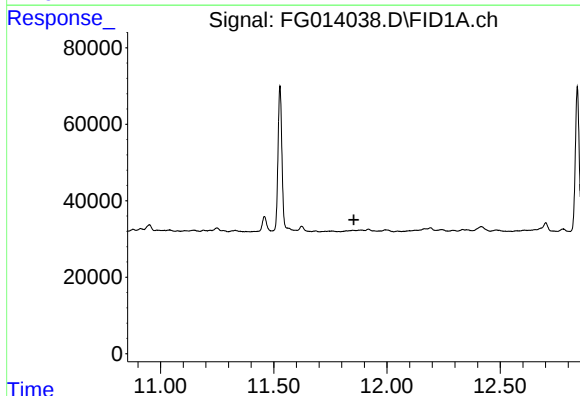
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



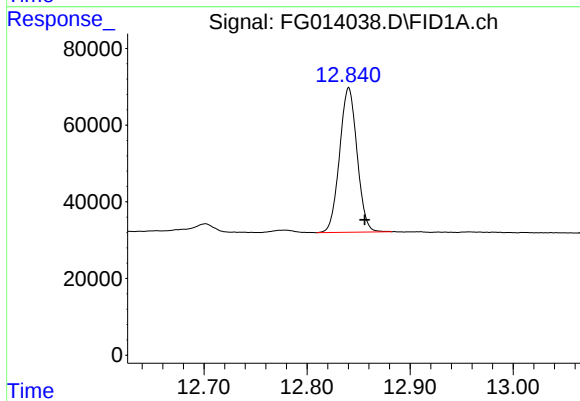
#8 n-Octadecane (C18)

R.T.: 11.527 min
Delta R.T.: -0.015 min
Response: 452297
Conc: 3.45 ug/ml



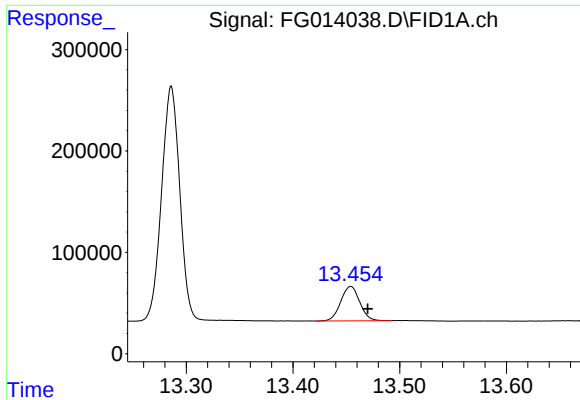
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.854 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.840 min
Delta R.T.: -0.016 min
Response: 443977
Conc: 3.58 ug/ml



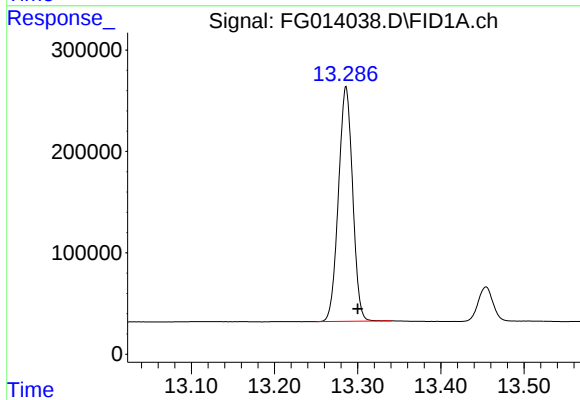
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.016 min
Response: 419698
Conc: 3.46 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

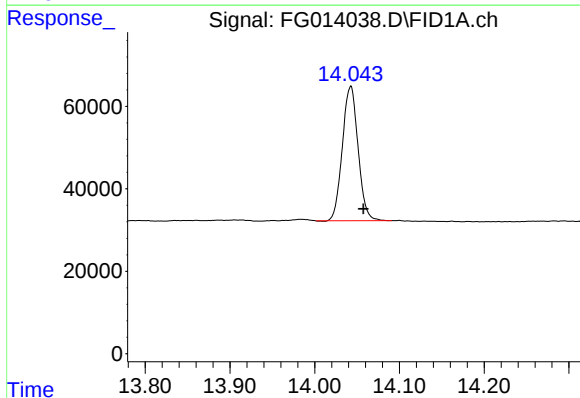
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



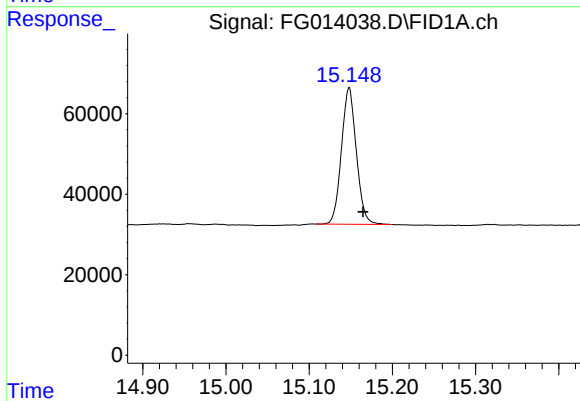
#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.014 min
Response: 2737016
Conc: 27.08 ug/ml



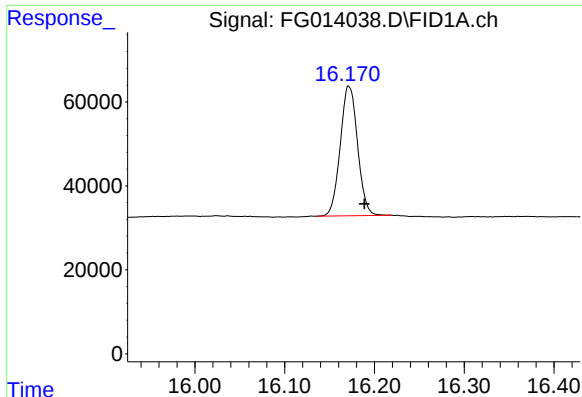
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.015 min
Response: 420833
Conc: 3.51 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.017 min
Response: 422766
Conc: 3.57 ug/ml



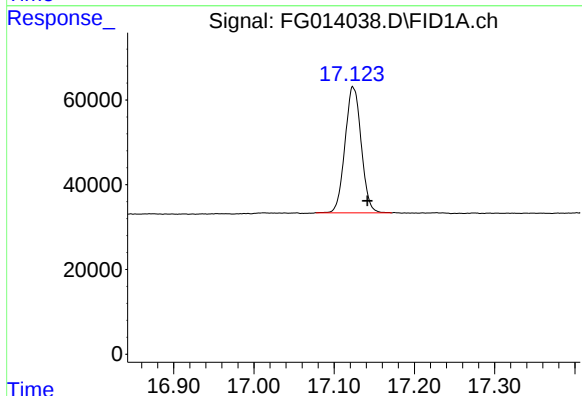
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: -0.017 min
Response: 414927
Conc: 3.57 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

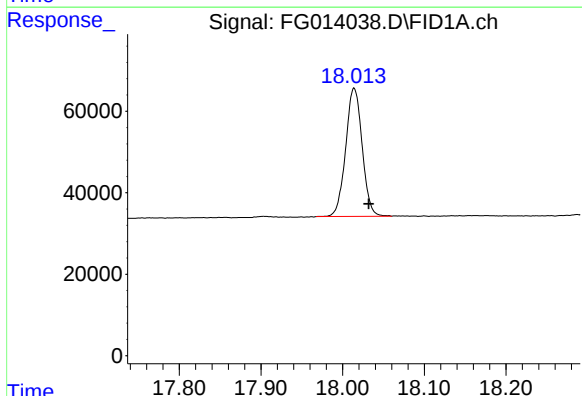
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



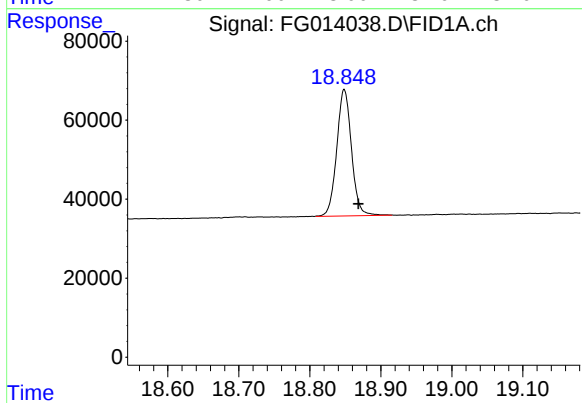
#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: -0.018 min
Response: 417026
Conc: 3.66 ug/ml



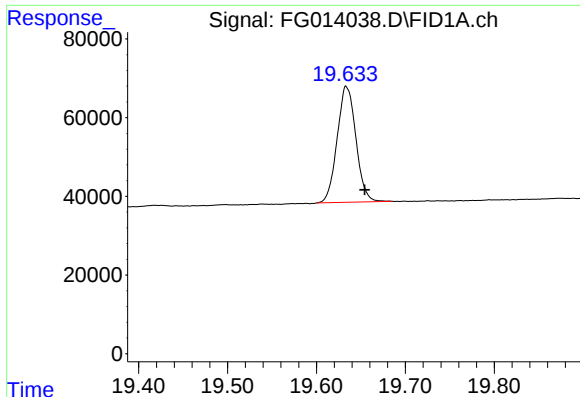
#17 n-Tricontane (C30)

R.T.: 18.014 min
Delta R.T.: -0.018 min
Response: 441738
Conc: 3.81 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.021 min
Response: 462717
Conc: 4.04 ug/ml m



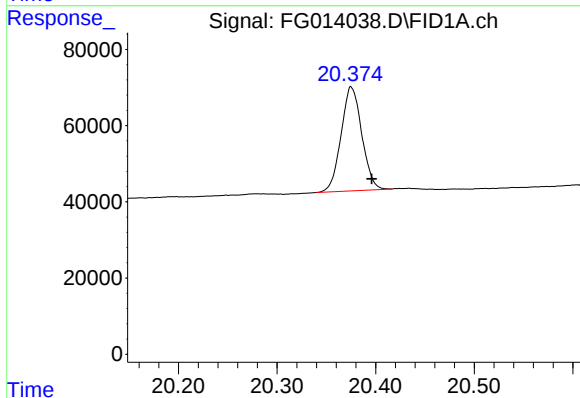
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: -0.021 min
Response: 432603
Conc: 3.81 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

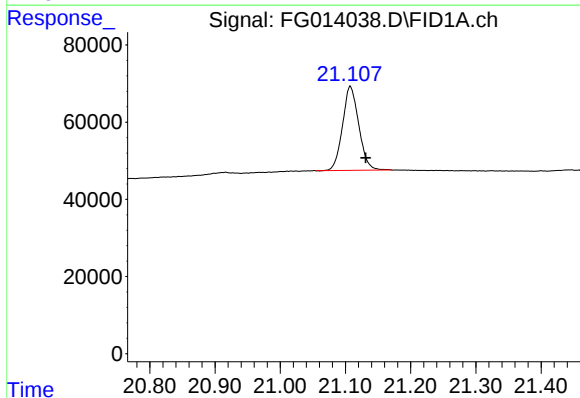
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



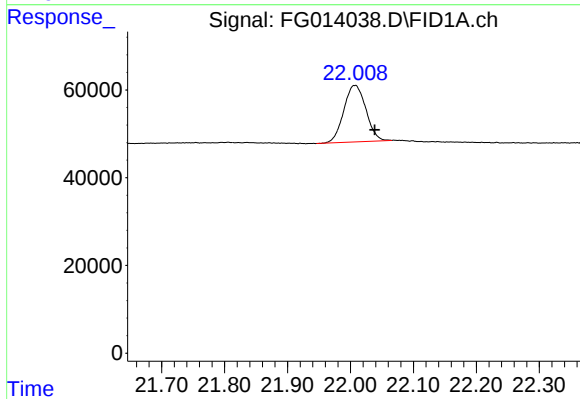
#20 n-Hexatriacontane (C36)

R.T.: 20.375 min
Delta R.T.: -0.021 min
Response: 397970
Conc: 3.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.107 min
Delta R.T.: -0.024 min
Response: 377287
Conc: 3.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: -0.031 min
Response: 314705
Conc: 2.70 ug/ml