

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051424AL\
 Data File : FD047755.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 12:03
 Operator : YP/AJ
 Sample : P2403-09
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File: autoint1.e
 Quant Time: May 15 05:29:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 13:08:23 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...	12.792	5906264	36.245 ug/ml
Spiked Amount 50.000		Recovery =	72.49%
Target Compounds			
1) T n-Nonane (C9)	3.187	225807	1.173 ug/ml
2) T n-Decane (C10)	4.238	281944	1.424 ug/mlm
4) T n-Dodecane (C12)	6.238	435858	2.195 ug/ml
6) T n-Tetradecane (C14)	8.021	384605	1.969 ug/ml
7) T n-Hexadecane (C16)	9.613	358779	1.788 ug/ml
8) T n-Octadecane (C18)	11.046	388239	1.912 ug/ml
10) T n-Eicosane (C20)	12.348	396408	2.031 ug/ml
11) T n-Heneicosane (C21)	12.957	364599	1.895 ug/ml
13) T n-Docosane (C22)	13.541	399214	2.098 ug/ml
14) T n-Tetracosane (C24)	14.637	410549	2.184 ug/ml
15) T n-Hexacosane (C26)	15.653	391232	2.160 ug/mlm
16) T n-Octacosane (C28)	16.599	414262	2.377 ug/ml
17) T n-Tricontane (C30)	17.481	507211	2.907 ug/ml
18) T n-Dotriacontane (C32)	18.309	532945	3.130 ug/ml
19) T n-Tetratriacontane (C34)	19.089	468036	2.902 ug/ml
20) T n-Hexatriacontane (C36)	19.824	382051	2.499 ug/ml
21) T n-Octatriacontane (C38)	20.524	330070	2.245 ug/ml
22) T n-Tetracontane (C40)	21.330	287949	2.030 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051424AL\
Data File : FD047755.D
Signal(s) : FID2B.ch
Acq On : 14 May 2024 12:03
Operator : YP/AJ
Sample : P2403-09
Misc :
ALS Vial : 61 Sample Multiplier: 1

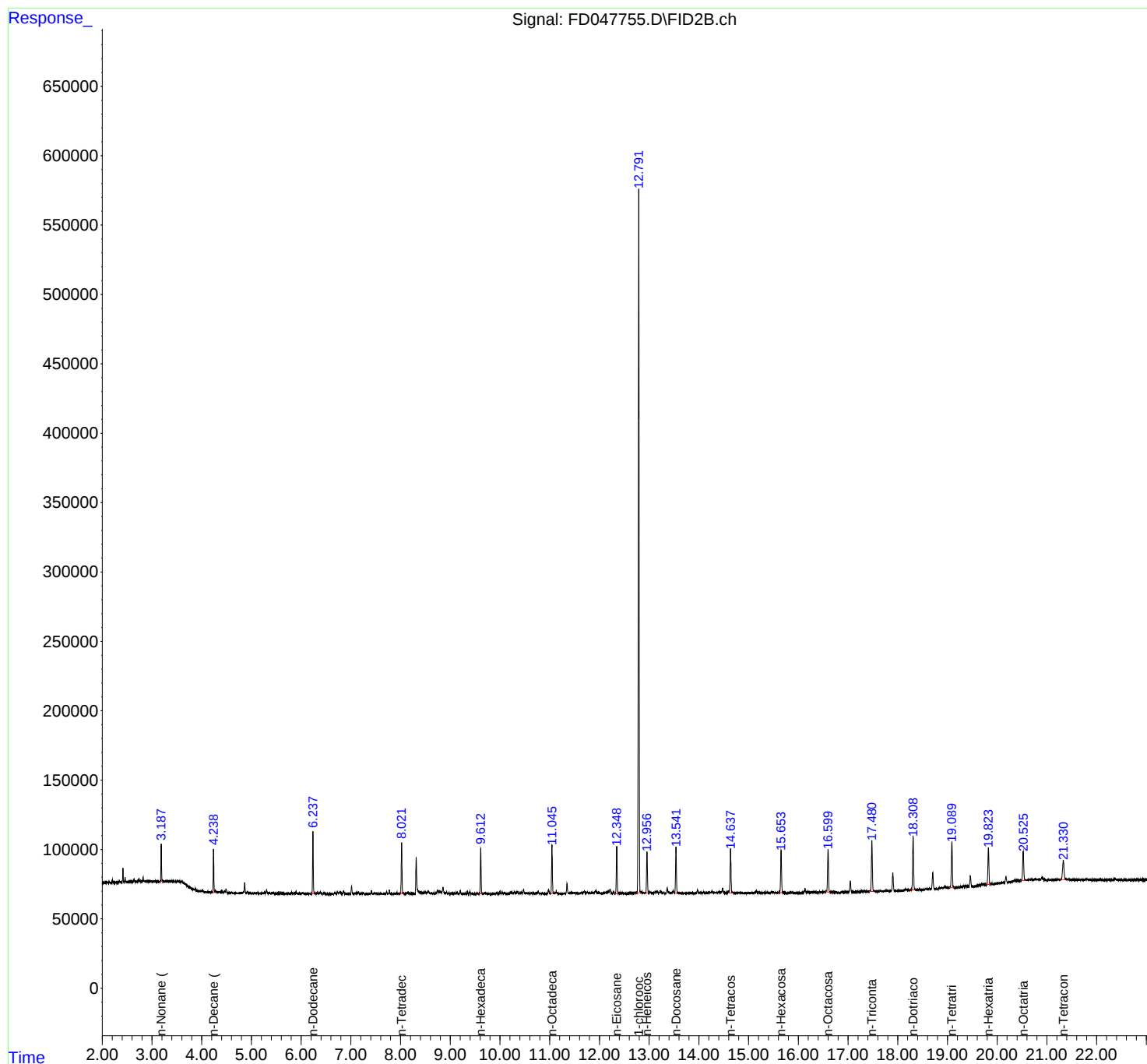
Instrument :
FID_D
ClientSampleId :
MDL-WATER-03-QT2-2024

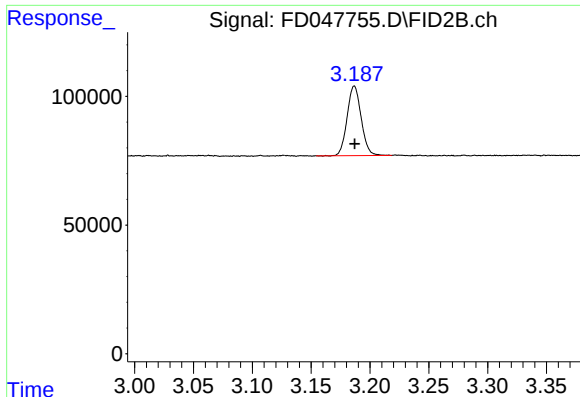
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024

Integration File: autoint1.e
Quant Time: May 15 05:29:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 13:08:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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





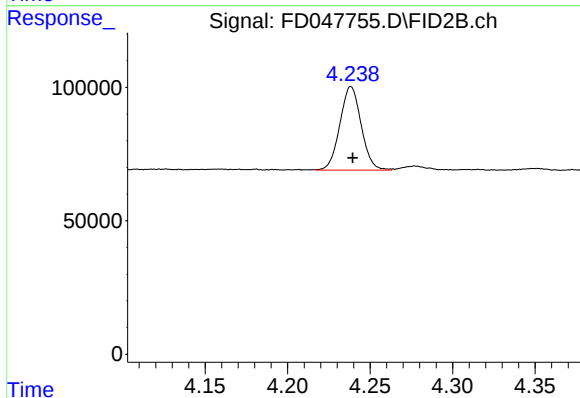
#1 n-Nonane (C9)

R.T.: 3.187 min
Delta R.T.: 0.000 min
Response: 225807
Conc: 1.17 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-WATER-03-QT2-2024

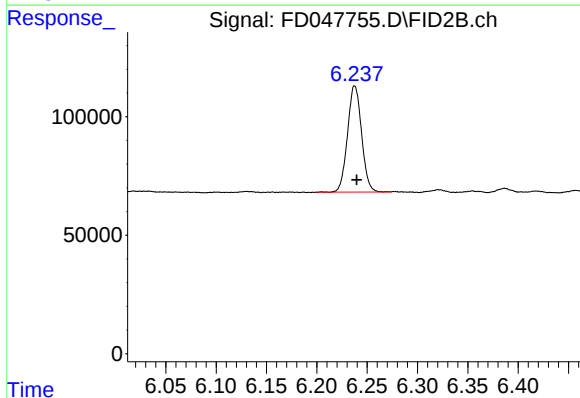
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



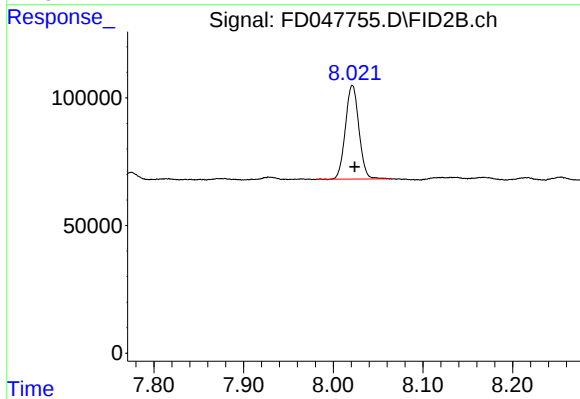
#2 n-Decane (C10)

R.T.: 4.238 min
Delta R.T.: -0.002 min
Response: 281944
Conc: 1.42 ug/ml m



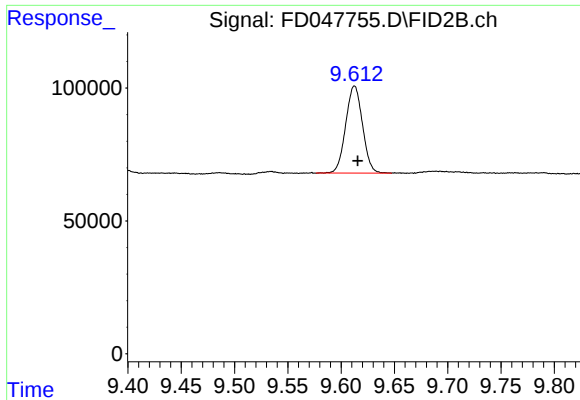
#4 n-Dodecane (C12)

R.T.: 6.238 min
Delta R.T.: -0.002 min
Response: 435858
Conc: 2.19 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.021 min
Delta R.T.: -0.003 min
Response: 384605
Conc: 1.97 ug/ml



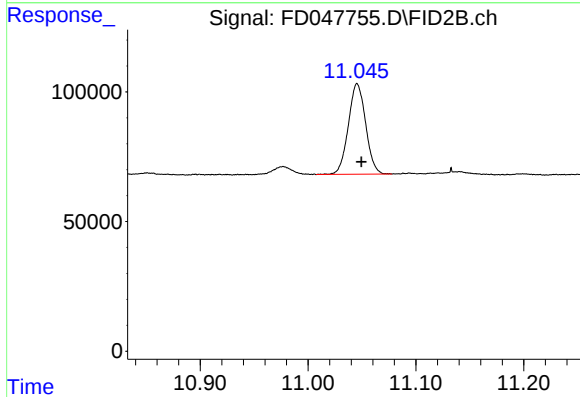
#7 n-Hexadecane (C16)

R.T.: 9.613 min
Delta R.T.: -0.003 min
Response: 358779
Conc: 1.79 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-WATER-03-QT2-2024

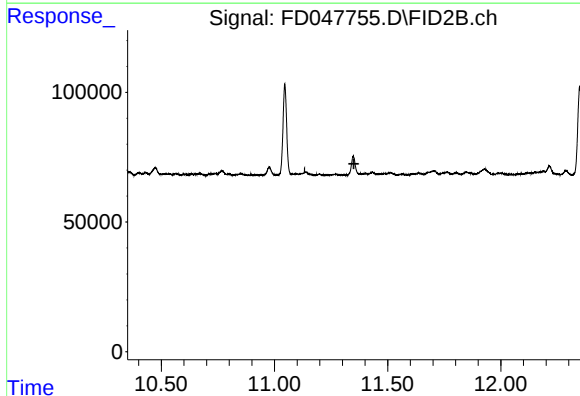
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



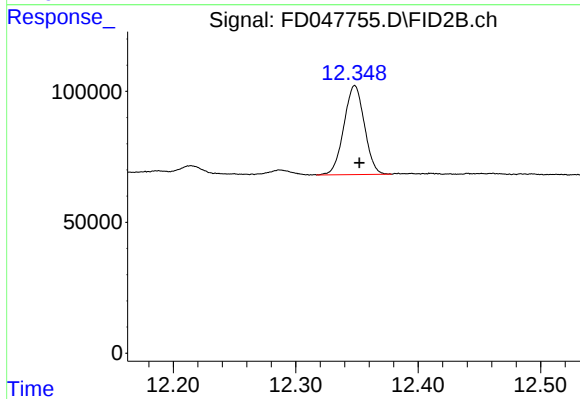
#8 n-Octadecane (C18)

R.T.: 11.046 min
Delta R.T.: -0.004 min
Response: 388239
Conc: 1.91 ug/ml



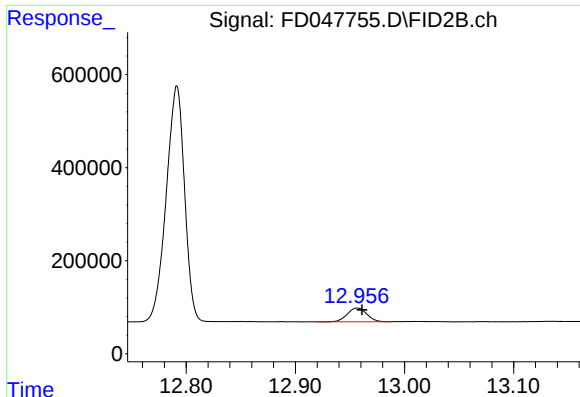
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.351 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.348 min
Delta R.T.: -0.004 min
Response: 396408
Conc: 2.03 ug/ml



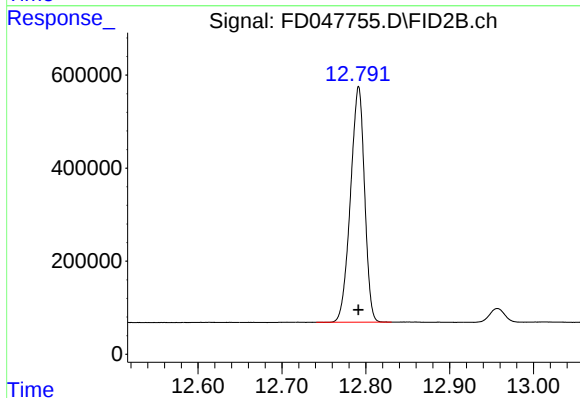
#11 n-Heneicosane (C21)

R.T.: 12.957 min
Delta R.T.: -0.004 min
Response: 364599
Conc: 1.90 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-WATER-03-QT2-2024

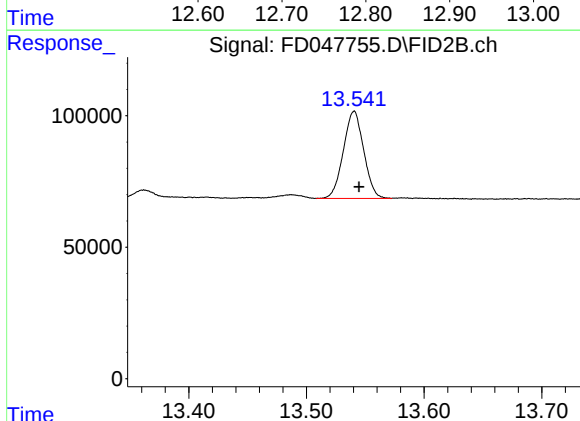
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



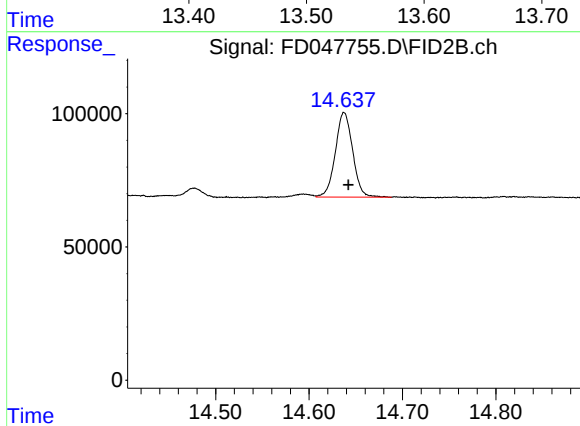
#12 1-chlorooctadecane (SURR)

R.T.: 12.792 min
Delta R.T.: 0.000 min
Response: 5906264
Conc: 36.24 ug/ml



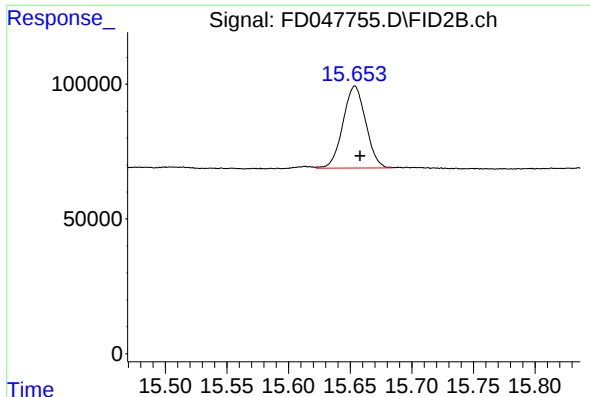
#13 n-Docosane (C22)

R.T.: 13.541 min
Delta R.T.: -0.004 min
Response: 399214
Conc: 2.10 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.637 min
Delta R.T.: -0.005 min
Response: 410549
Conc: 2.18 ug/ml



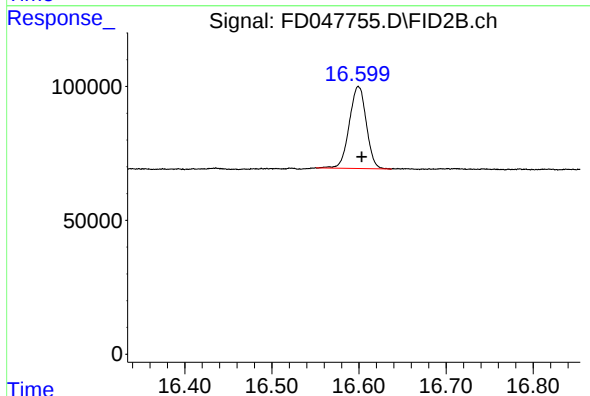
#15 n-Hexacosane (C26)

R.T.: 15.653 min
Delta R.T.: -0.005 min
Response: 391232
Conc: 2.16 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-WATER-03-QT2-2024

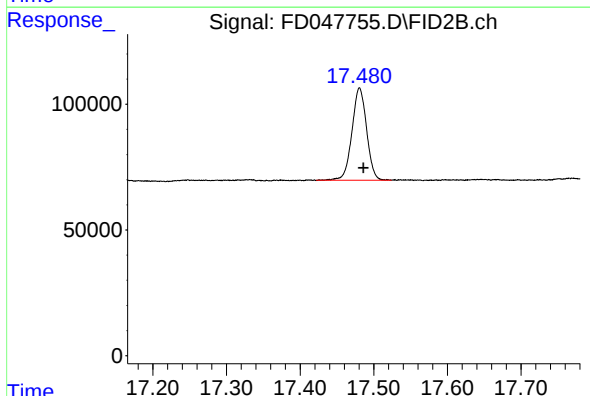
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



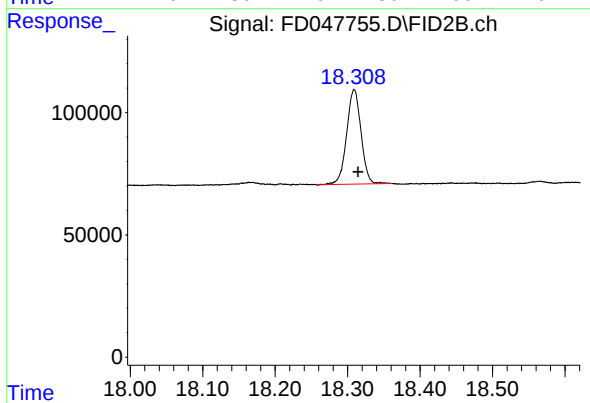
#16 n-Octacosane (C28)

R.T.: 16.599 min
Delta R.T.: -0.004 min
Response: 414262
Conc: 2.38 ug/ml



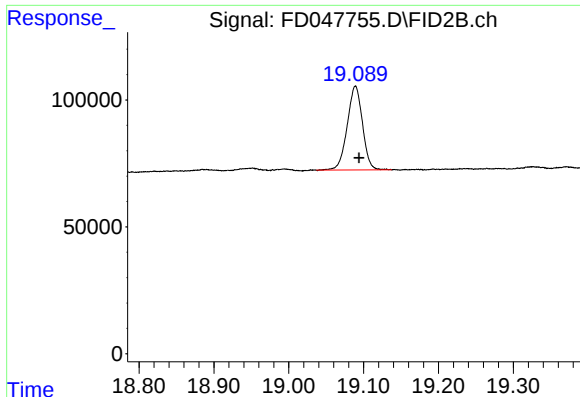
#17 n-Tricontane (C30)

R.T.: 17.481 min
Delta R.T.: -0.005 min
Response: 507211
Conc: 2.91 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.309 min
Delta R.T.: -0.006 min
Response: 532945
Conc: 3.13 ug/ml



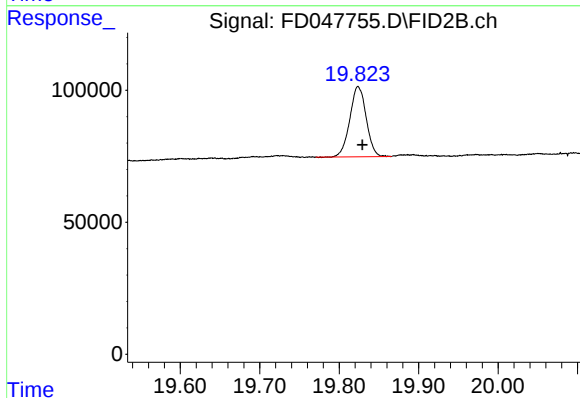
#19 n-Tetratriacontane (C34)

R.T.: 19.089 min
Delta R.T.: -0.005 min
Response: 468036
Conc: 2.90 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-WATER-03-QT2-2024

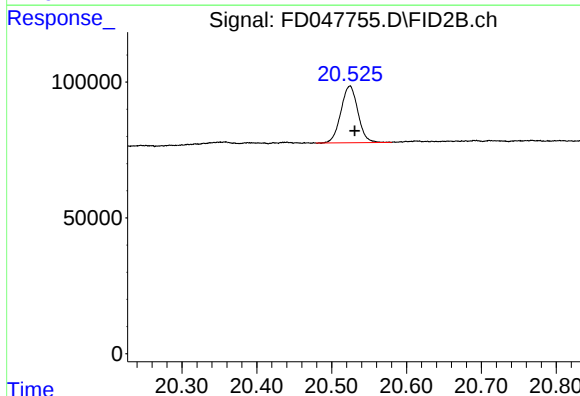
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



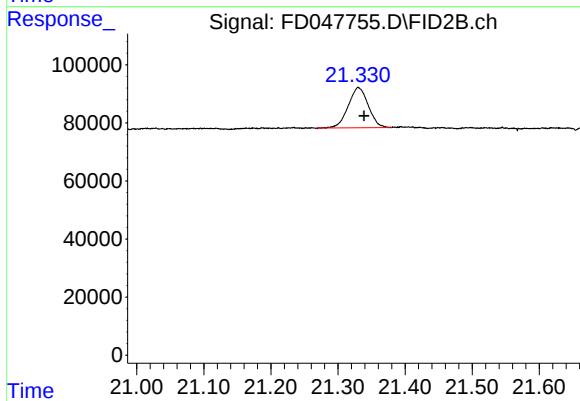
#20 n-Hexatriacontane (C36)

R.T.: 19.824 min
Delta R.T.: -0.006 min
Response: 382051
Conc: 2.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.524 min
Delta R.T.: -0.007 min
Response: 330070
Conc: 2.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.330 min
Delta R.T.: -0.008 min
Response: 287949
Conc: 2.03 ug/ml