

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047743.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 18:19
 Operator : YP/AJ
 Sample : P2403-07
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/14/2024
 Supervised By :Ankita Jodhani 05/14/2024

Integration File: autoint1.e
 Quant Time: May 14 03:30:29 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...	12.795	7842264	48.126 ug/ml
Spiked Amount 50.000		Recovery =	96.25%
Target Compounds			
1) T n-Nonane (C9)	3.187	273940	1.423 ug/ml
2) T n-Decane (C10)	4.239	345627	1.746 ug/ml
4) T n-Dodecane (C12)	6.238	547351	2.756 ug/ml
6) T n-Tetradecane (C14)	8.021	476251	2.438 ug/mlm
7) T n-Hexadecane (C16)	9.614	447514	2.230 ug/ml
8) T n-Octadecane (C18)	11.047	478367	2.355 ug/ml
10) T n-Eicosane (C20)	12.350	483566	2.477 ug/ml
11) T n-Heneicosane (C21)	12.959	450677	2.343 ug/ml
13) T n-Docosane (C22)	13.542	484874	2.548 ug/ml
14) T n-Tetracosane (C24)	14.640	484450	2.577 ug/ml
15) T n-Hexacosane (C26)	15.655	457294	2.524 ug/mlm
16) T n-Octacosane (C28)	16.600	452416	2.596 ug/ml
17) T n-Tricontane (C30)	17.483	500157	2.866 ug/ml
18) T n-Dotriacontane (C32)	18.311	513035	3.013 ug/ml
19) T n-Tetratriacontane (C34)	19.091	474111	2.940 ug/ml
20) T n-Hexatriacontane (C36)	19.825	415162	2.716 ug/ml
21) T n-Octatriacontane (C38)	20.525	380386	2.587 ug/mlm
22) T n-Tetracontane (C40)	21.333	344871	2.432 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
Data File : FD047743.D
Signal(s) : FID2B.ch
Acq On : 13 May 2024 18:19
Operator : YP/AJ
Sample : P2403-07
Misc :
ALS Vial : 67 Sample Multiplier: 1

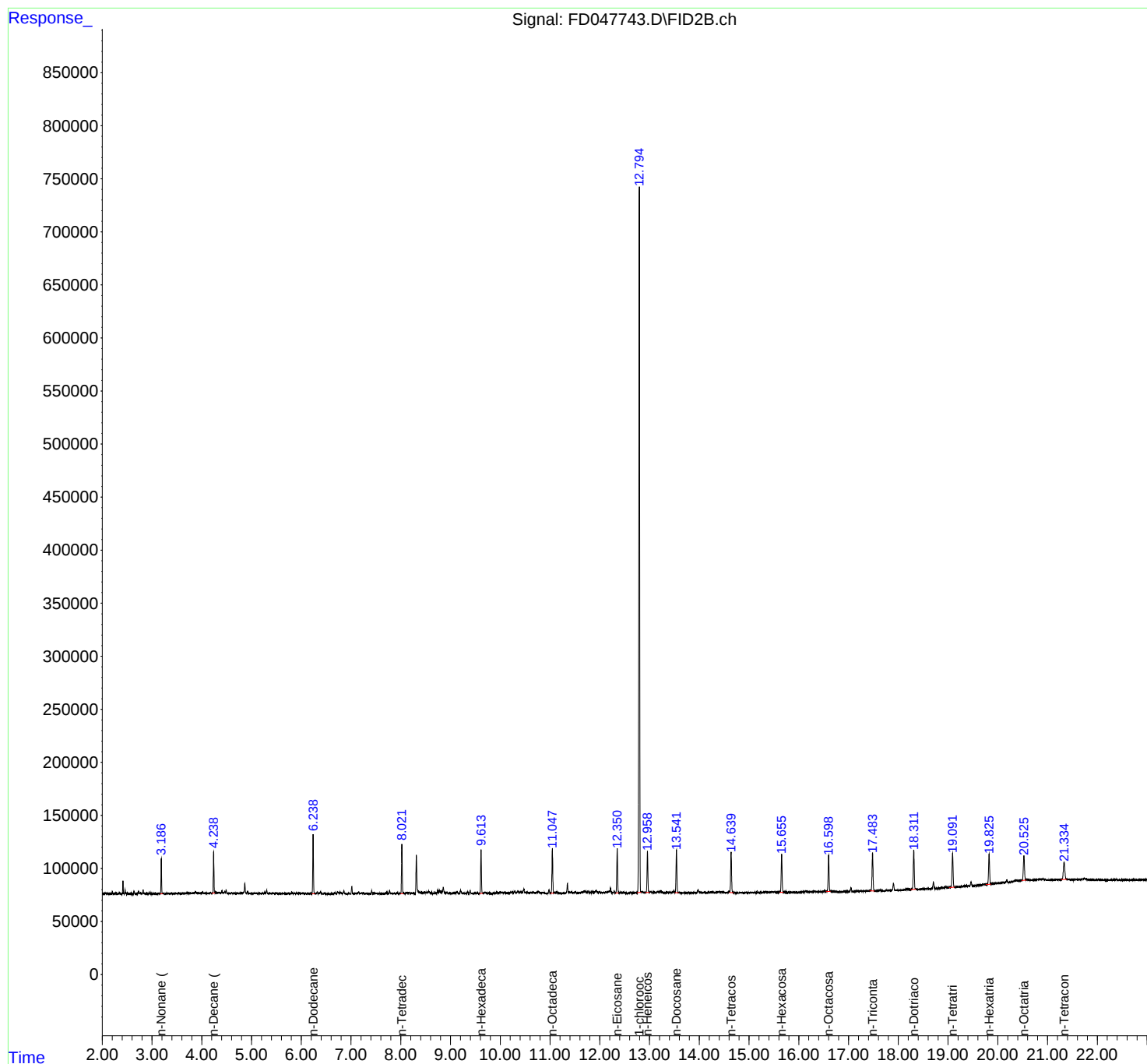
Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

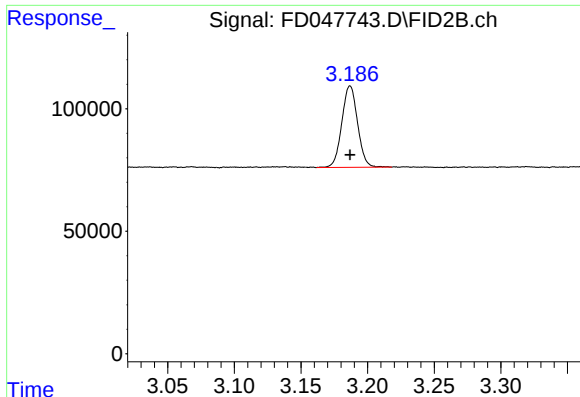
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/14/2024
Supervised By :Ankita Jodhani 05/14/2024

Integration File: autoint1.e
Quant Time: May 14 03:30:29 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





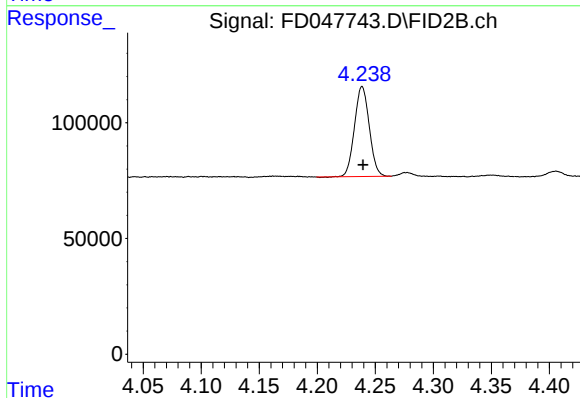
#1 n-Nonane (C9)

R.T.: 3.187 min
Delta R.T.: 0.000 min
Response: 273940
Conc: 1.42 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

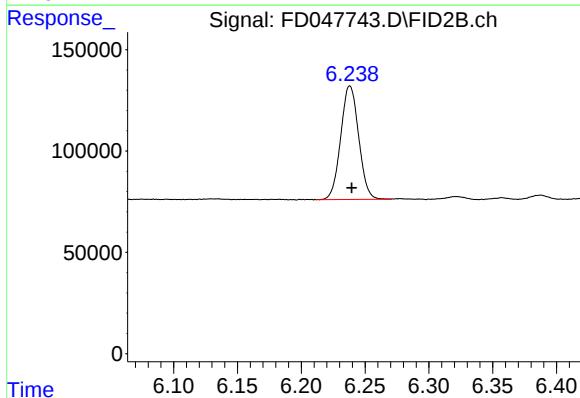
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/14/2024
Supervised By :Ankita Jodhani 05/14/2024



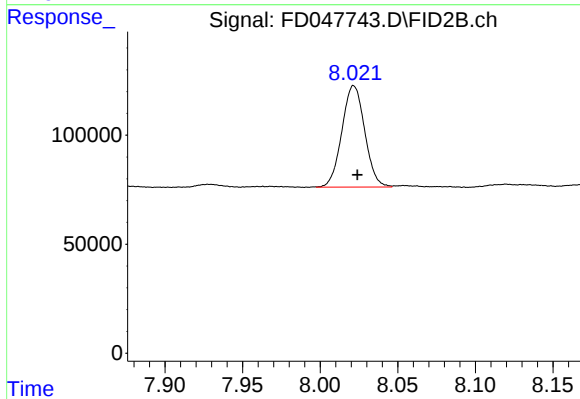
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 345627
Conc: 1.75 ug/ml



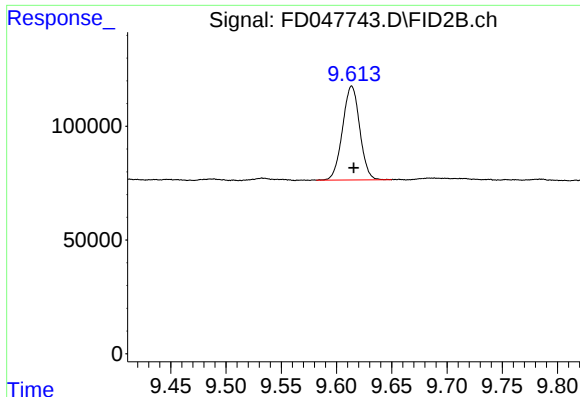
#4 n-Dodecane (C12)

R.T.: 6.238 min
Delta R.T.: -0.001 min
Response: 547351
Conc: 2.76 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.021 min
Delta R.T.: -0.003 min
Response: 476251
Conc: 2.44 ug/ml m



#7 n-Hexadecane (C16)

R.T.: 9.614 min
Delta R.T.: -0.002 min
Response: 447514
Conc: 2.23 ug/ml

Instrument :

FID_D

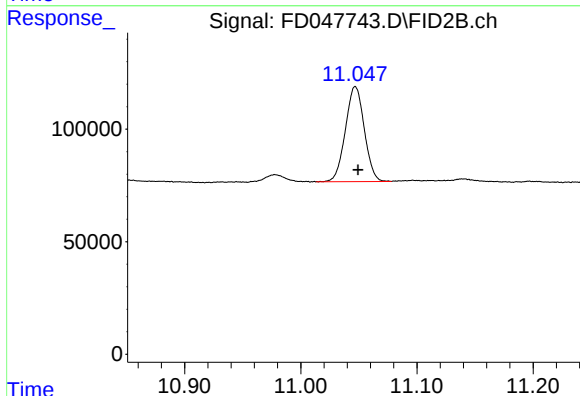
ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Manual Integrations

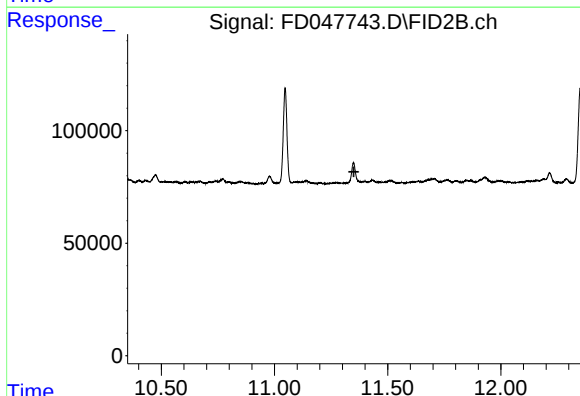
APPROVED

Reviewed By :Yogesh Patel 05/14/2024
Supervised By :Ankita Jodhani 05/14/2024



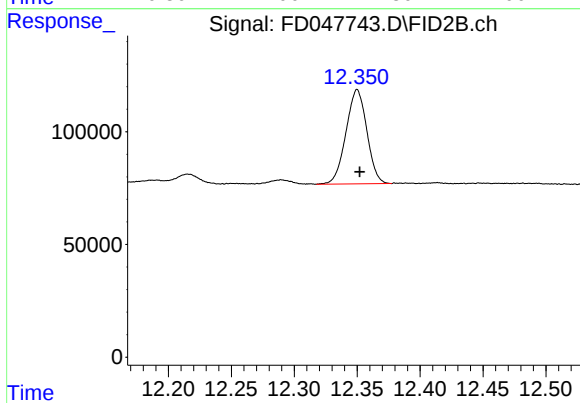
#8 n-Octadecane (C18)

R.T.: 11.047 min
Delta R.T.: -0.002 min
Response: 478367
Conc: 2.36 ug/ml



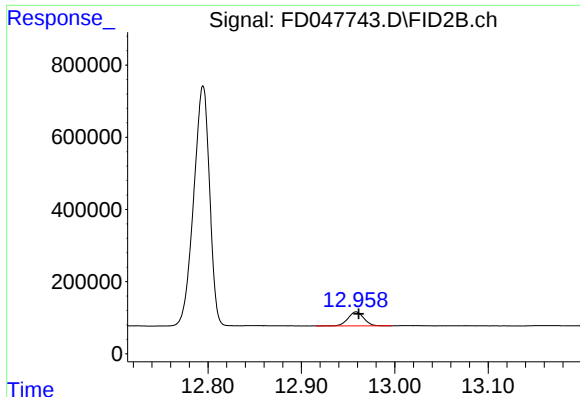
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.350 min
Delta R.T.: -0.002 min
Response: 483566
Conc: 2.48 ug/ml



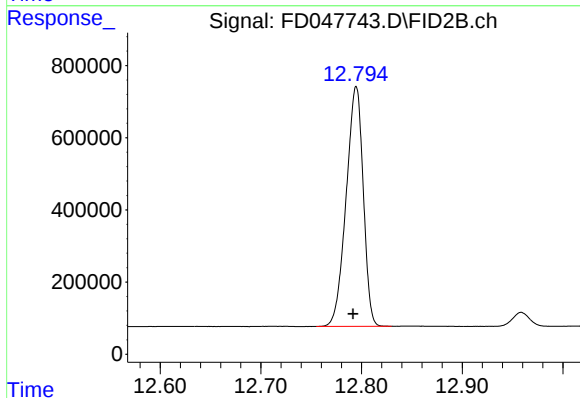
#11 n-Heneicosane (C21)

R.T.: 12.959 min
Delta R.T.: -0.003 min
Response: 450677
Conc: 2.34 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

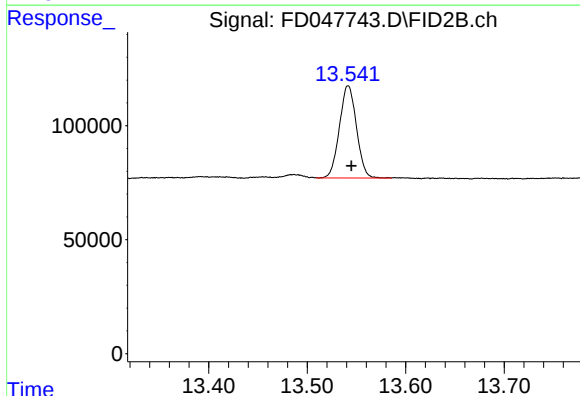
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/14/2024
Supervised By :Ankita Jodhani 05/14/2024



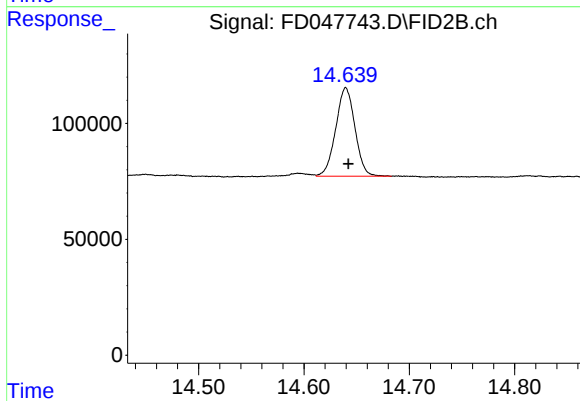
#12 1-chlorooctadecane (SURR)

R.T.: 12.795 min
Delta R.T.: 0.003 min
Response: 7842264
Conc: 48.13 ug/ml



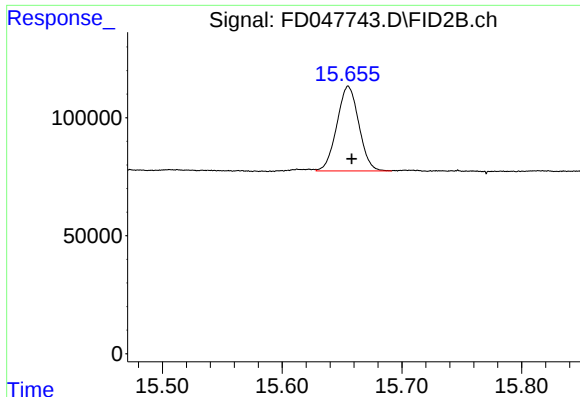
#13 n-Docosane (C22)

R.T.: 13.542 min
Delta R.T.: -0.003 min
Response: 484874
Conc: 2.55 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.640 min
Delta R.T.: -0.002 min
Response: 484450
Conc: 2.58 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.655 min
Delta R.T.: -0.003 min
Response: 457294
Conc: 2.52 ug/ml

Instrument :

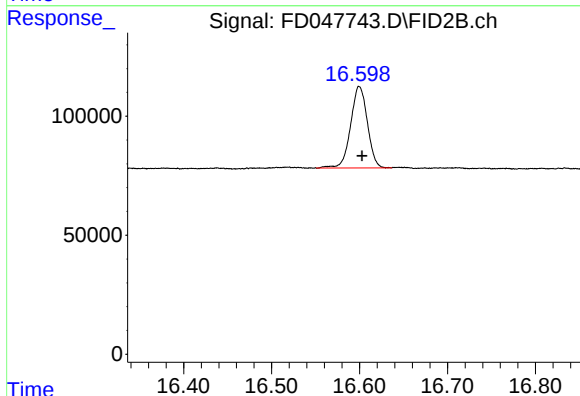
FID_D

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

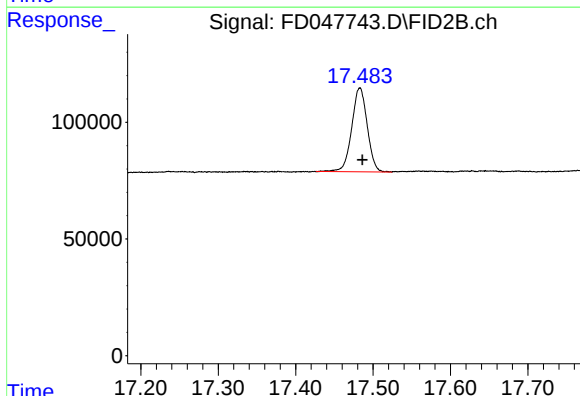
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/14/2024
Supervised By :Ankita Jodhani 05/14/2024



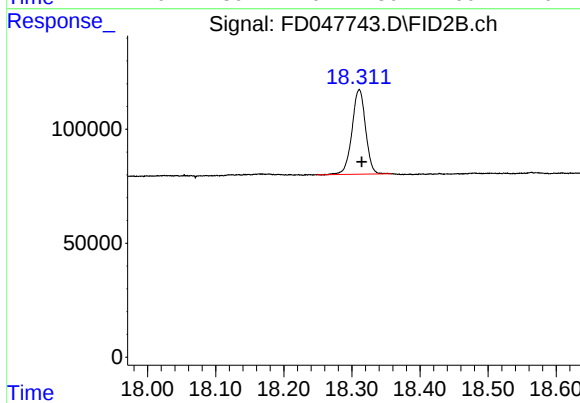
#16 n-Octacosane (C28)

R.T.: 16.600 min
Delta R.T.: -0.003 min
Response: 452416
Conc: 2.60 ug/ml



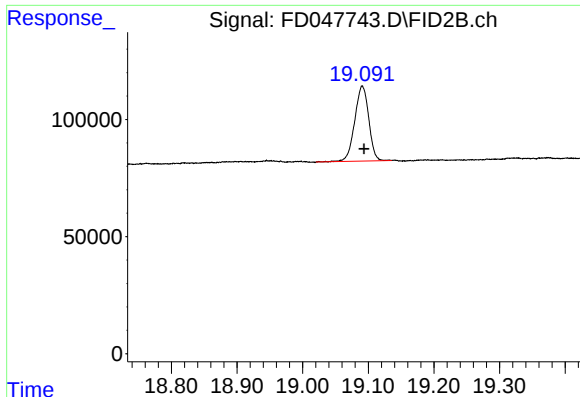
#17 n-Tricontane (C30)

R.T.: 17.483 min
Delta R.T.: -0.003 min
Response: 500157
Conc: 2.87 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.311 min
Delta R.T.: -0.004 min
Response: 513035
Conc: 3.01 ug/ml



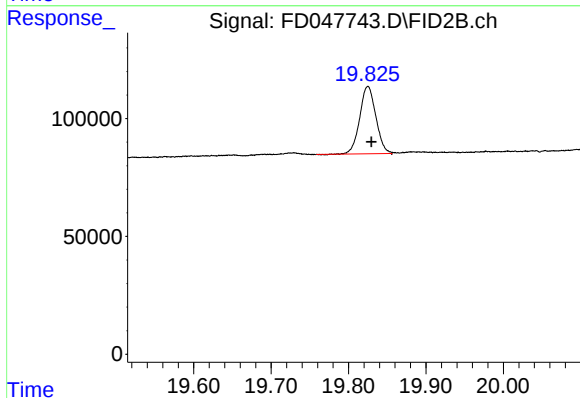
#19 n-Tetratriacontane (C34)

R.T.: 19.091 min
Delta R.T.: -0.003 min
Response: 474111
Conc: 2.94 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

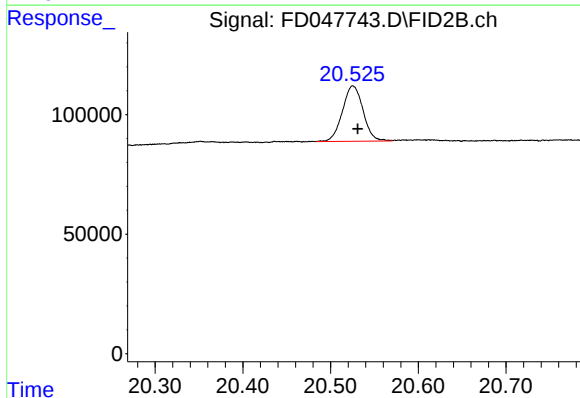
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/14/2024
Supervised By :Ankita Jodhani 05/14/2024



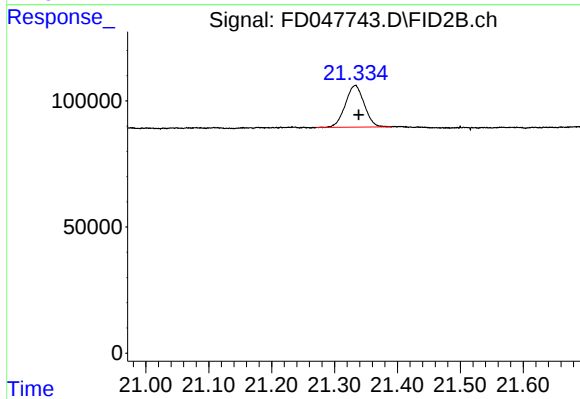
#20 n-Hexatriacontane (C36)

R.T.: 19.825 min
Delta R.T.: -0.004 min
Response: 415162
Conc: 2.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.525 min
Delta R.T.: -0.006 min
Response: 380386
Conc: 2.59 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.333 min
Delta R.T.: -0.006 min
Response: 344871
Conc: 2.43 ug/ml