

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101124AL\
 Data File : FC067423.D
 Signal(s) : FID1A.ch
 Acq On : 12 Oct 2024 06:08
 Operator : YP/AJ
 Sample : P4368-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 03:27:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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...	12.941	3653339	32.275 ug/ml
Spiked Amount 50.000		Recovery =	64.55%
Target Compounds			
1) T n-Nonane (C9)	3.275	238557	1.882 ug/ml
2) T n-Decane (C10)	4.339	292033	2.272 ug/mlm
4) T n-Dodecane (C12)	6.357	346613	2.671 ug/ml
6) T n-Tetradecane (C14)	8.149	342283	2.658 ug/ml
7) T n-Hexadecane (C16)	9.748	346048	2.600 ug/ml
8) T n-Octadecane (C18)	11.187	368539	2.718 ug/ml
10) T n-Eicosane (C20)	12.496	384900	2.948 ug/ml
11) T n-Heneicosane (C21)	13.107	365305	2.848 ug/ml
13) T n-Docosane (C22)	13.692	372966	2.921 ug/ml
14) T n-Tetracosane (C24)	14.795	369369	2.888 ug/mlm
15) T n-Hexacosane (C26)	15.814	365220	2.897 ug/ml
16) T n-Octacosane (C28)	16.762	368304	2.932 ug/ml
17) T n-Tricontane (C30)	17.649	379868	2.949 ug/ml
18) T n-Dotriacontane (C32)	18.480	389969	3.122 ug/ml
19) T n-Tetratriacontane (C34)	19.264	374628	3.428 ug/ml
20) T n-Hexatriacontane (C36)	20.001	347751	3.679 ug/ml
21) T n-Octatriacontane (C38)	20.727	350467	3.996 ug/mlm
22) T n-Tetracontane (C40)	21.614	451440	5.246 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101124AL\
Data File : FC067423.D
Signal(s) : FID1A.ch
Acq On : 12 Oct 2024 06:08
Operator : YP/AJ
Sample : P4368-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

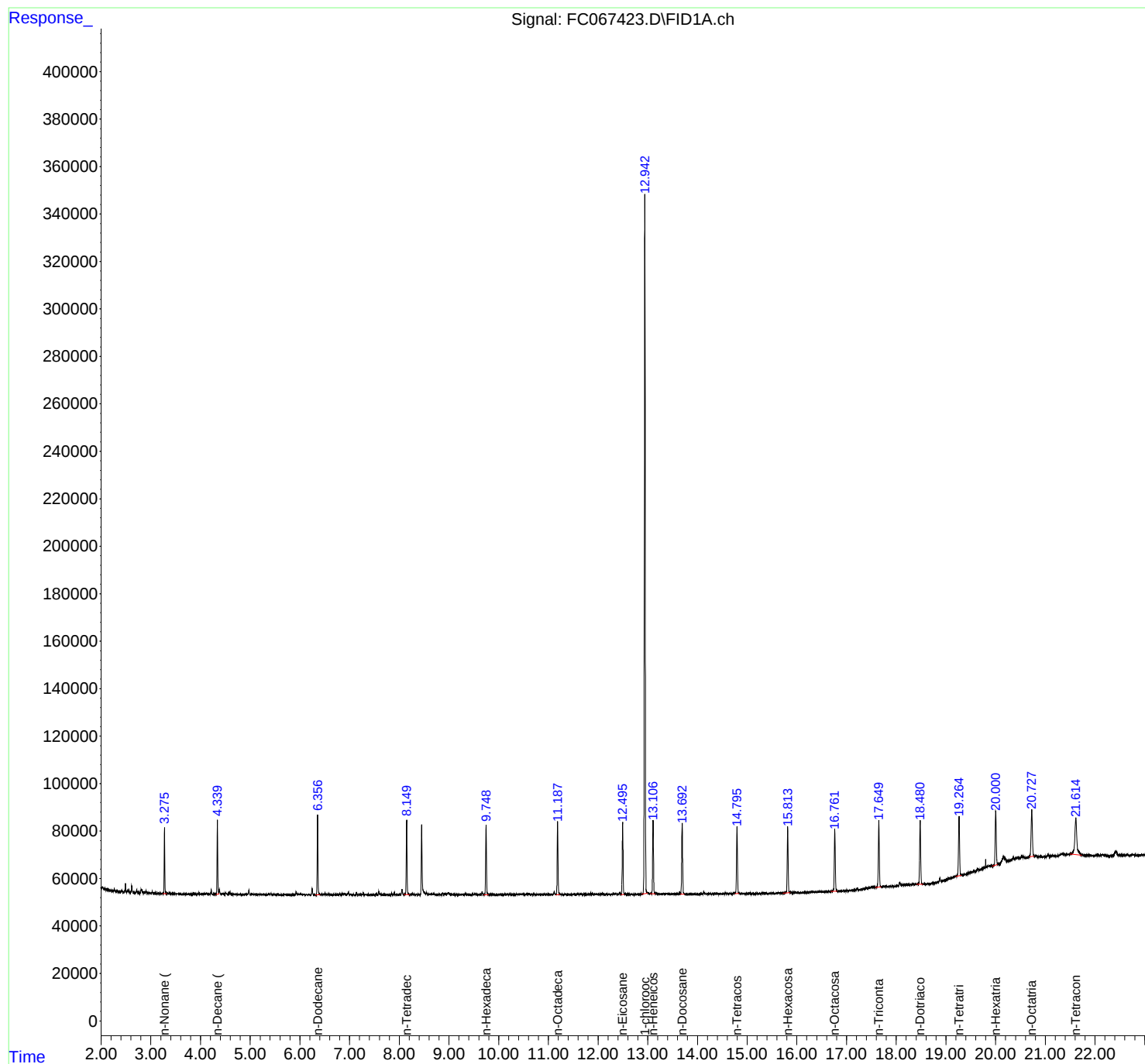
Instrument :
FID_C
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

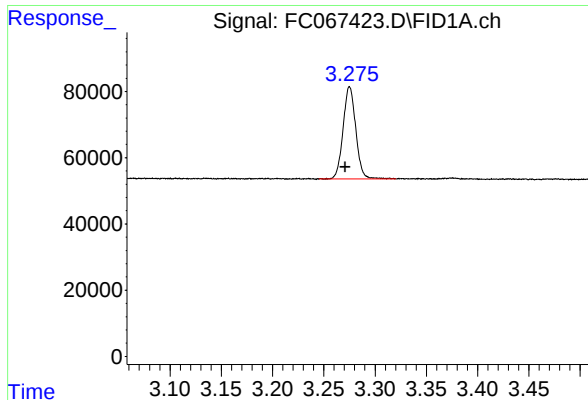
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
Quant Time: Oct 14 03:27:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Tue Oct 01 09:13:32 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.: 3.275 min
Delta R.T.: 0.004 min
Response: 238557
Conc: 1.88 ug/ml

Instrument :

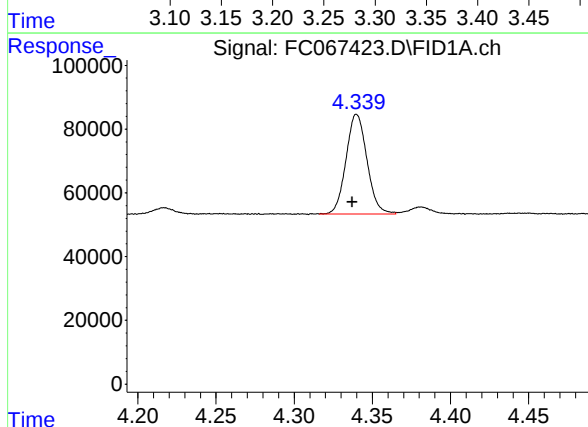
FID_C

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

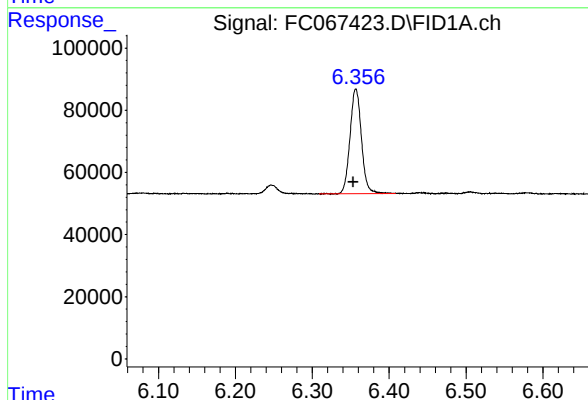
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



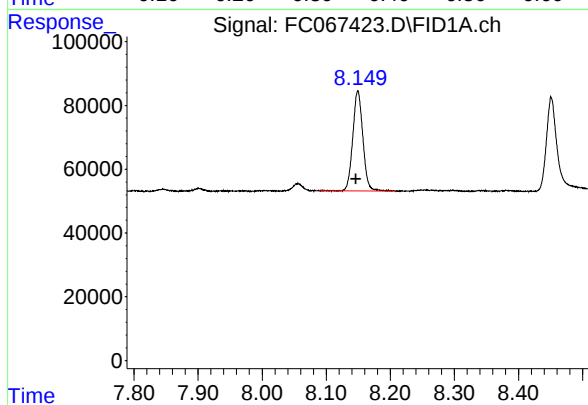
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 292033
Conc: 2.27 ug/ml m



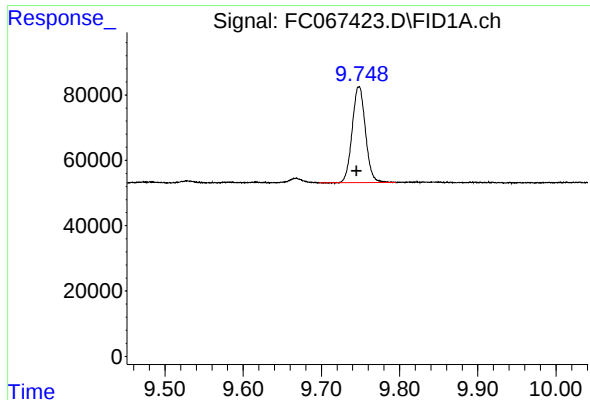
#4 n-Dodecane (C12)

R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 346613
Conc: 2.67 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.003 min
Response: 342283
Conc: 2.66 ug/ml



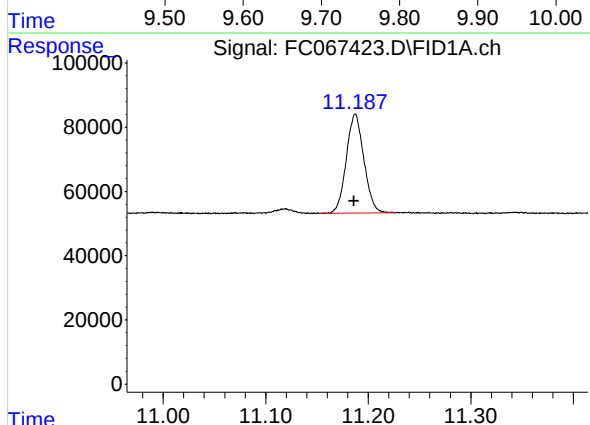
#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: 0.003 min
Response: 346048
Conc: 2.60 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

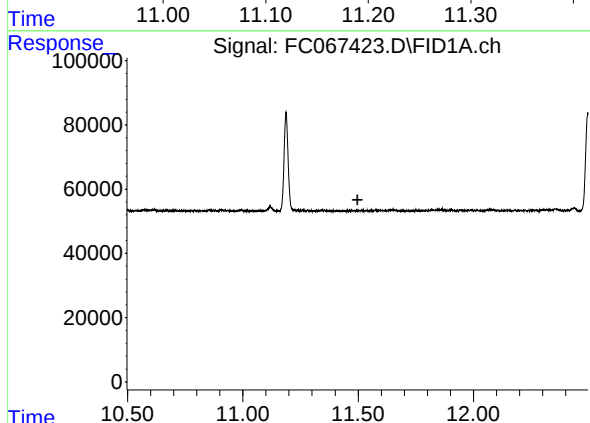
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



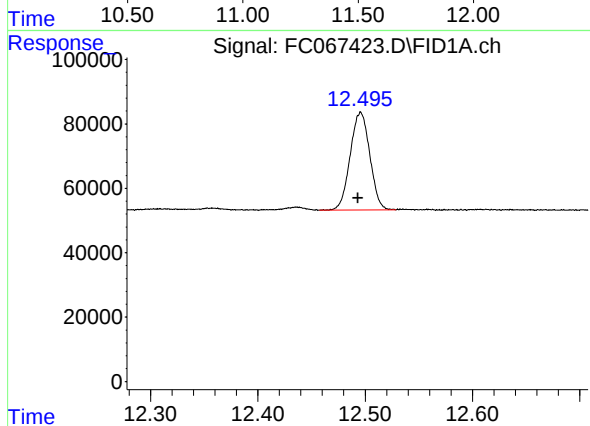
#8 n-Octadecane (C18)

R.T.: 11.187 min
Delta R.T.: 0.001 min
Response: 368539
Conc: 2.72 ug/ml



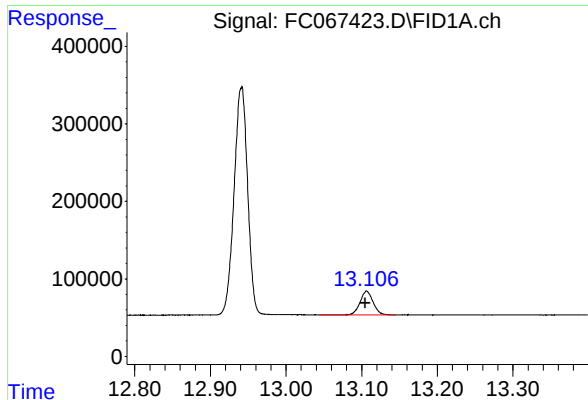
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.497 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: 0.002 min
Response: 384900
Conc: 2.95 ug/ml



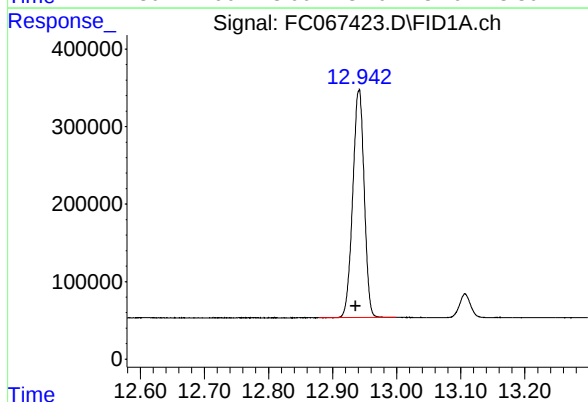
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: 0.002 min
Response: 365305
Conc: 2.85 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

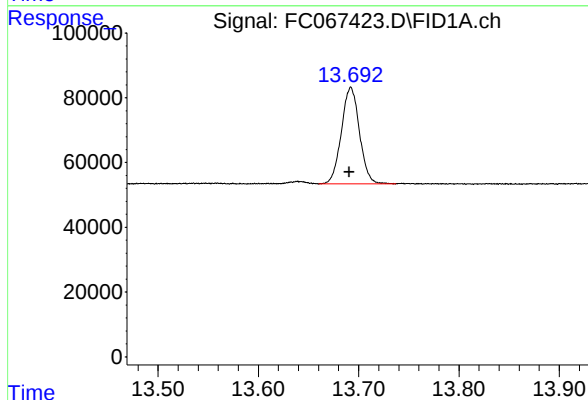
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



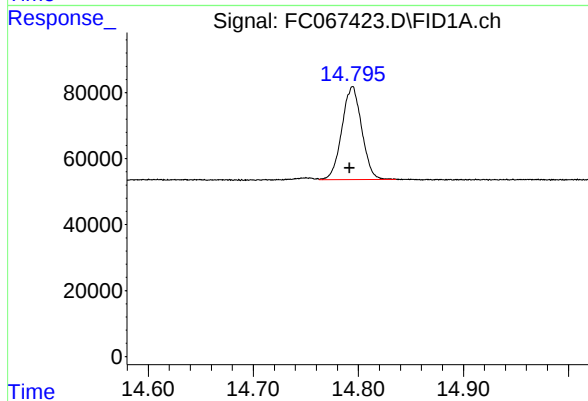
#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: 0.005 min
Response: 3653339
Conc: 32.28 ug/ml



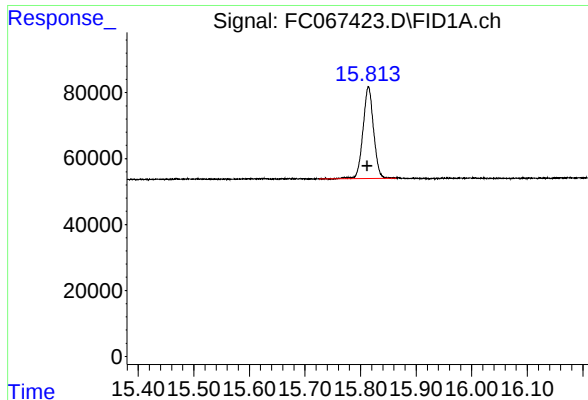
#13 n-Docosane (C22)

R.T.: 13.692 min
Delta R.T.: 0.002 min
Response: 372966
Conc: 2.92 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.795 min
Delta R.T.: 0.003 min
Response: 369369
Conc: 2.89 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.002 min
Response: 365220
Conc: 2.90 ug/ml

Instrument :

FID_C

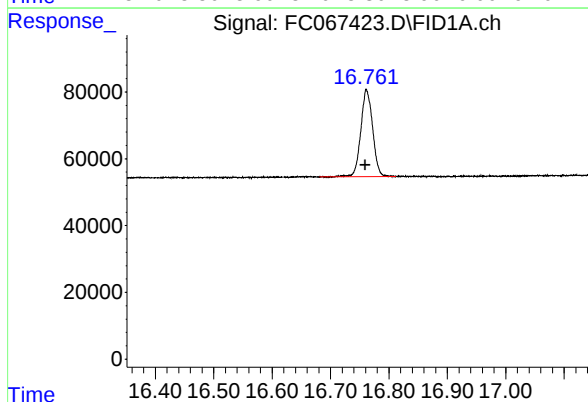
ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Manual Integrations

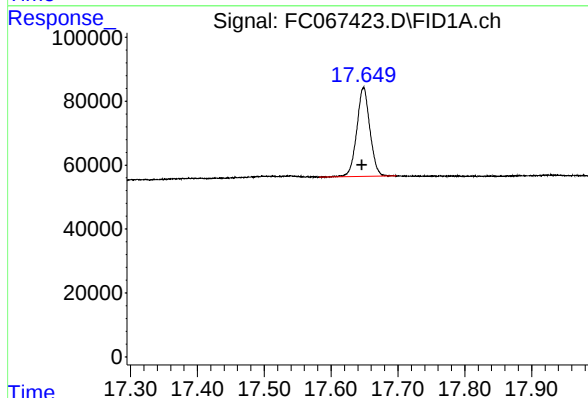
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



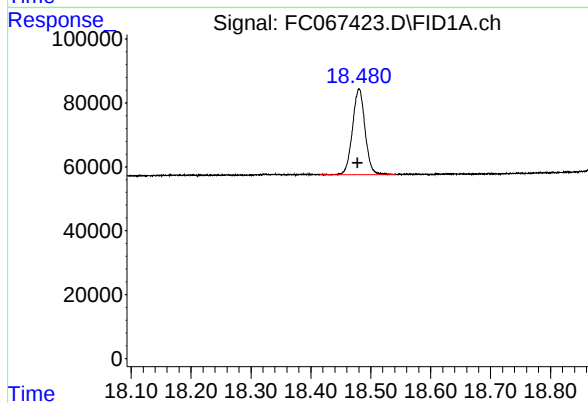
#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: 0.002 min
Response: 368304
Conc: 2.93 ug/ml



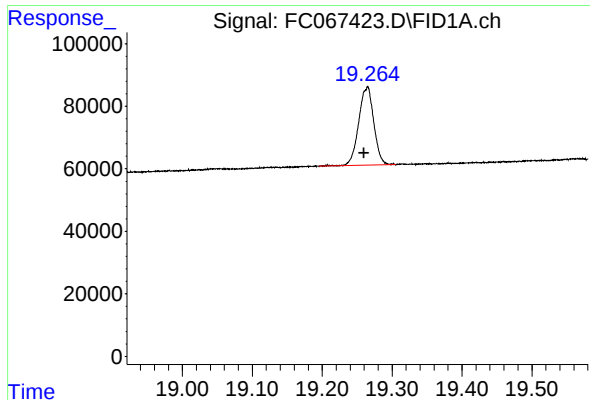
#17 n-Tricontane (C30)

R.T.: 17.649 min
Delta R.T.: 0.002 min
Response: 379868
Conc: 2.95 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: 0.003 min
Response: 389969
Conc: 3.12 ug/ml



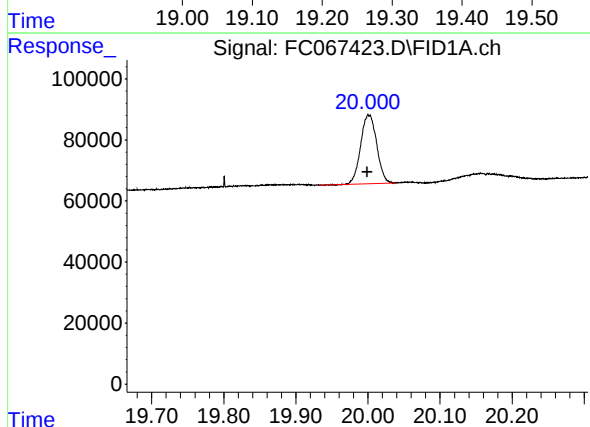
#19 n-Tetratriacontane (C34)

R.T.: 19.264 min
Delta R.T.: 0.004 min
Response: 374628
Conc: 3.43 ug/ml

Instrument : FID_C
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

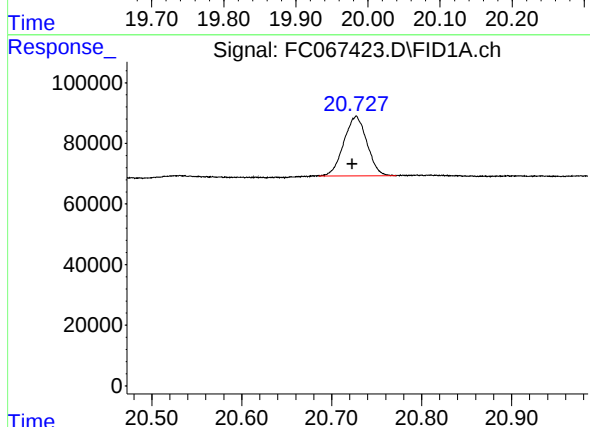
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



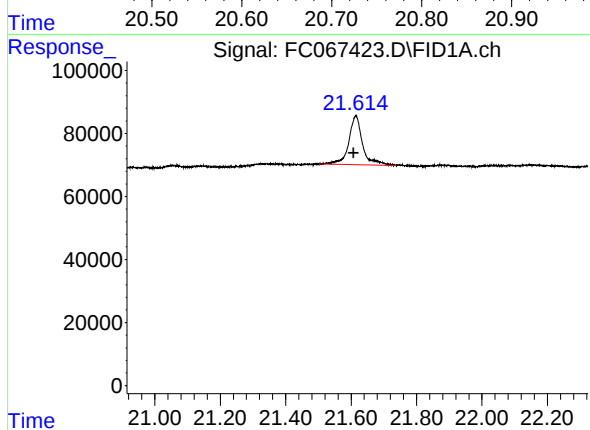
#20 n-Hexatriacontane (C36)

R.T.: 20.001 min
Delta R.T.: 0.002 min
Response: 347751
Conc: 3.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.727 min
Delta R.T.: 0.004 min
Response: 350467
Conc: 4.00 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.614 min
Delta R.T.: 0.007 min
Response: 451440
Conc: 5.25 ug/ml