

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100923AL\
 Data File : FF013587.D
 Signal(s) : FID2B.ch
 Acq On : 09 Oct 2023 14:51
 Operator : YP\AJ
 Sample : 04699-08
 Misc : 5PPM WATER LOQ
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2023
 Supervised By :Ankita Jodhani 10/10/2023

Integration File: autoint1.e
 Quant Time: Oct 09 23:50:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:01:38 2023
 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...	13.314	4203327	35.073 ug/ml
Spiked Amount 50.000		Recovery =	70.15%
Target Compounds			
1) T n-Nonane (C9)	3.272	401005	3.152 ug/ml
2) T n-Decane (C10)	4.521	501267	3.878 ug/mlm
4) T n-Dodecane (C12)	6.684	558927	4.305 ug/ml
6) T n-Tetradecane (C14)	8.509	542919	4.263 ug/ml
7) T n-Hexadecane (C16)	10.115	559056	4.233 ug/ml
8) T n-Octadecane (C18)	11.558	603484	4.410 ug/ml
10) T n-Eicosane (C20)	12.868	693751	5.096 ug/ml
11) T n-Heneicosane (C21)	13.480	654463	4.855 ug/ml
13) T n-Docosane (C22)	14.067	663212	4.919 ug/ml
14) T n-Tetracosane (C24)	15.170	694275	5.082 ug/ml
15) T n-Hexacosane (C26)	16.191	673462	4.947 ug/ml
16) T n-Octacosane (C28)	17.141	683712	5.113 ug/ml
17) T n-Tricontane (C30)	18.029	709119	5.119 ug/ml
18) T n-Dotriacontane (C32)	18.862	708560	5.158 ug/ml
19) T n-Tetratriacontane (C34)	19.645	651176	5.028 ug/ml
20) T n-Hexatriacontane (C36)	20.384	585280	4.693 ug/ml
21) T n-Octatriacontane (C38)	21.111	551954	4.697 ug/ml
22) T n-Tetracontane (C40)	22.002	530735	4.614 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100923AL\
Data File : FF013587.D
Signal(s) : FID2B.ch
Acq On : 09 Oct 2023 14:51
Operator : YP\AJ
Sample : 04699-08
Misc : 5PPM WATER LOQ
ALS Vial : 70 Sample Multiplier: 1

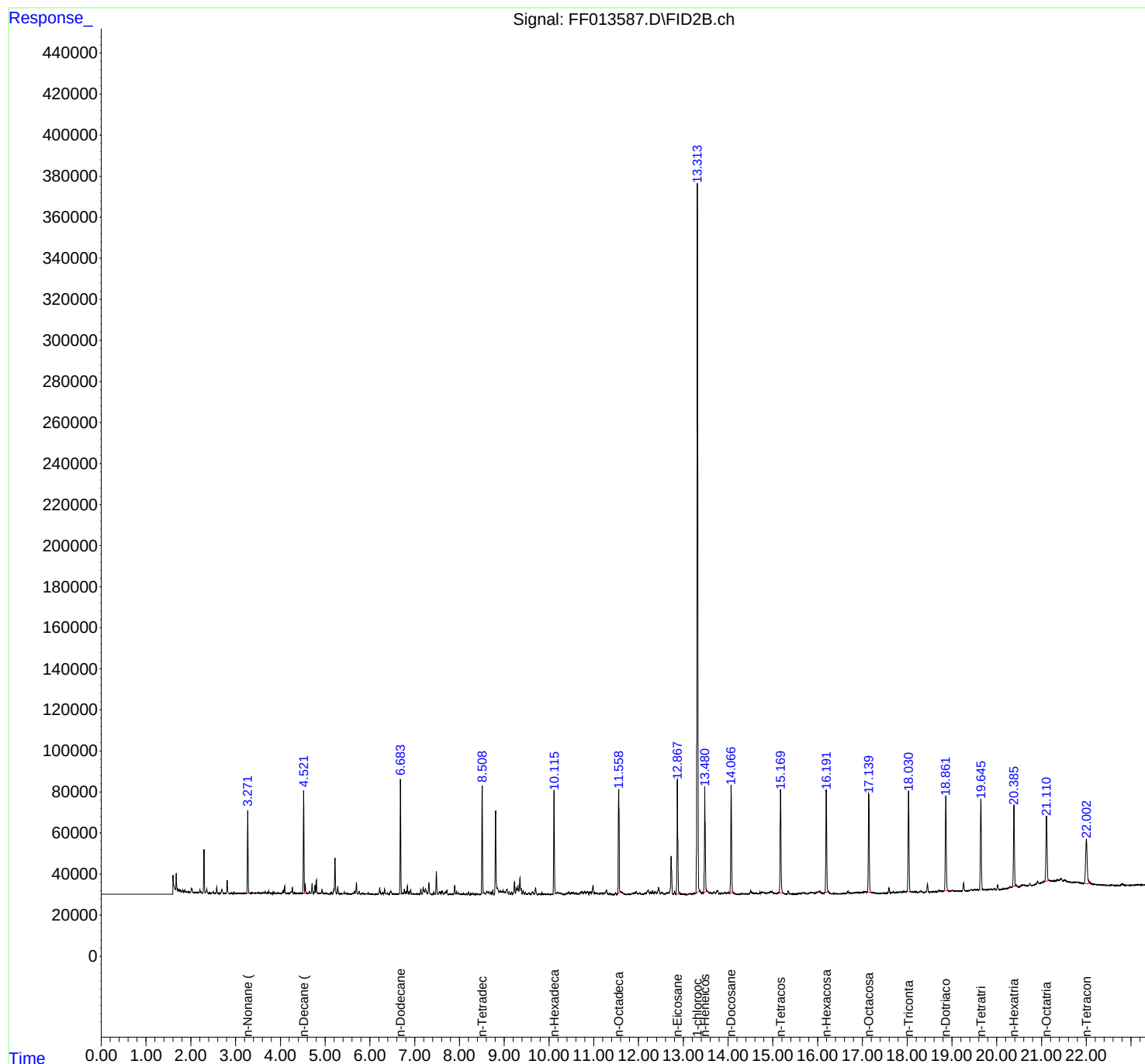
Instrument :
FID_F
ClientSampleId :
LOQ-WATER-02-QT4-2023

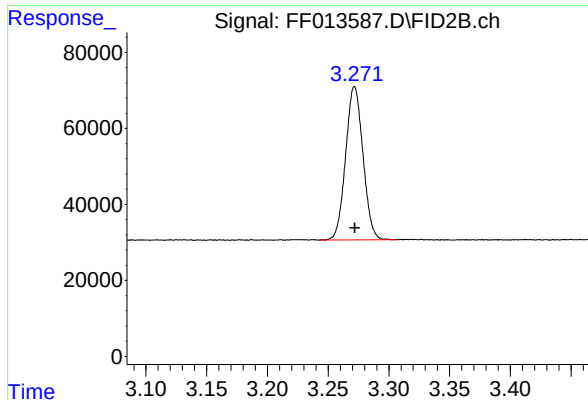
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023

Integration File: autoint1.e
Quant Time: Oct 09 23:50:01 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100623.M
Quant Title : GC Extractables
QLast Update : Sat Oct 07 07:01:38 2023
Response via : Initial Calibration
Integrator: ChemStation

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





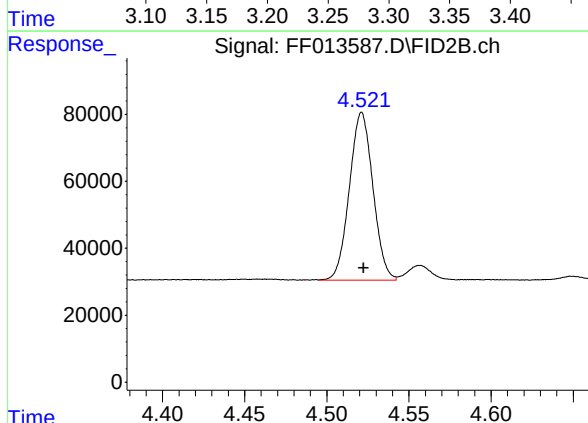
#1 n-Nonane (C9)

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 401005
Conc: 3.15 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-WATER-02-QT4-2023

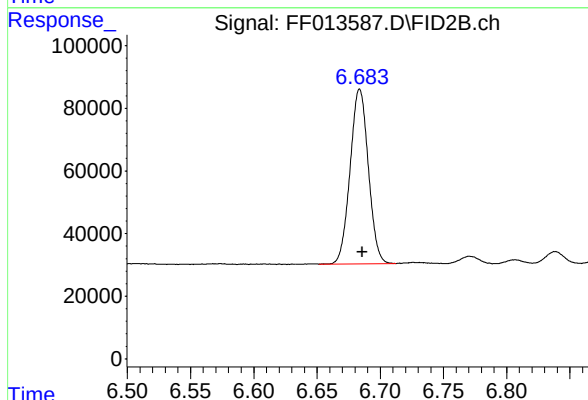
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023



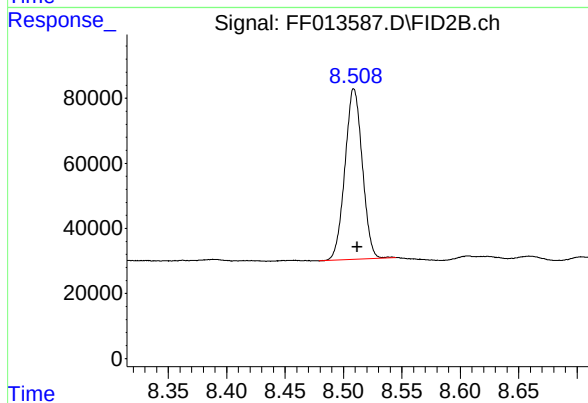
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.001 min
Response: 501267
Conc: 3.88 ug/ml m



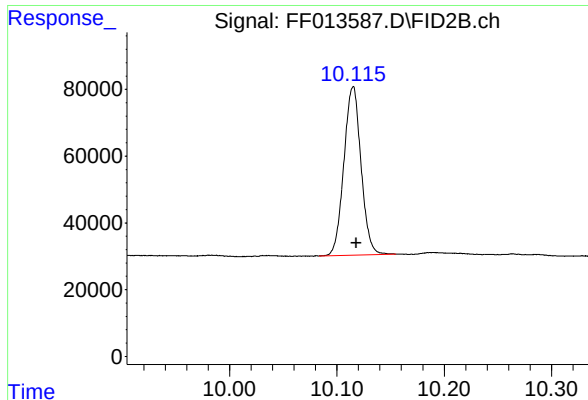
#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: -0.002 min
Response: 558927
Conc: 4.30 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.003 min
Response: 542919
Conc: 4.26 ug/ml



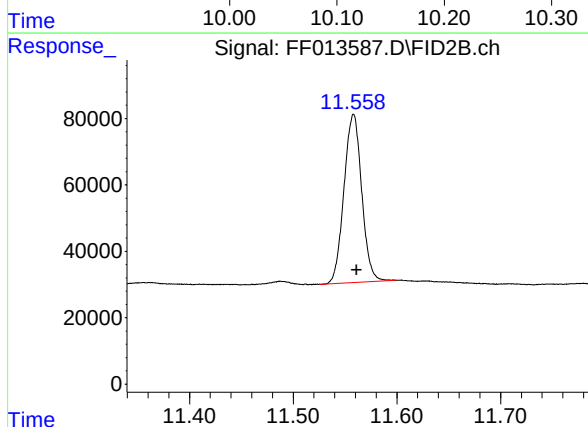
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.003 min
Response: 559056
Conc: 4.23 ug/ml

Instrument : FID_F
ClientSampleId : LOQ-WATER-02-QT4-2023

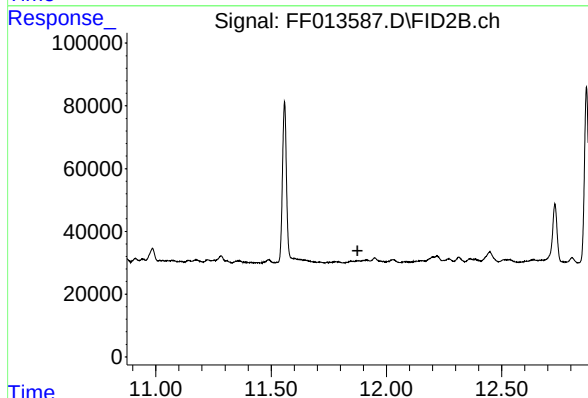
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023



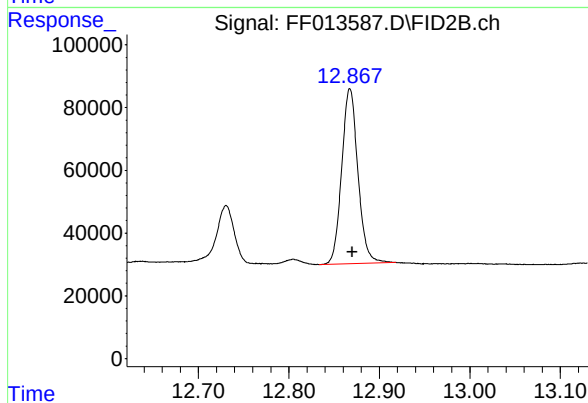
#8 n-Octadecane (C18)

R.T.: 11.558 min
Delta R.T.: -0.003 min
Response: 603484
Conc: 4.41 ug/ml



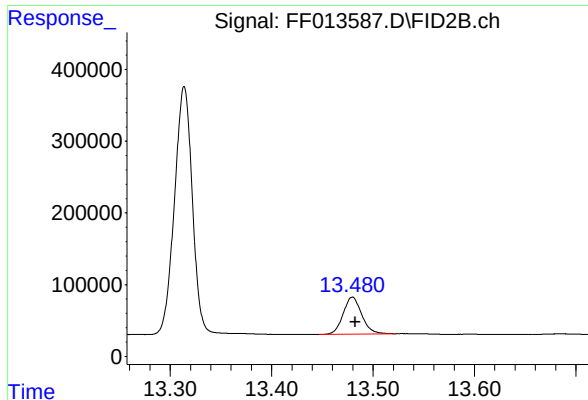
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.875 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: -0.003 min
Response: 693751
Conc: 5.10 ug/ml



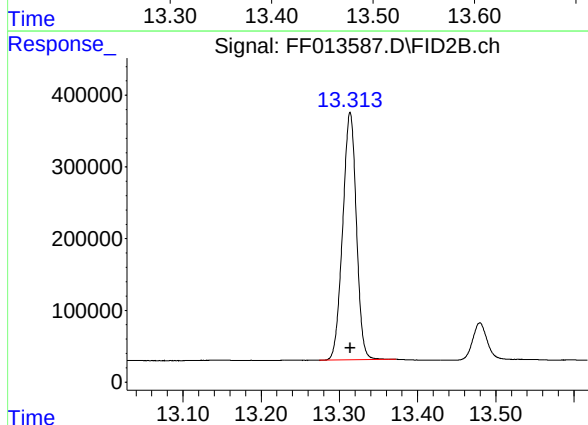
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.003 min
Response: 654463
Conc: 4.86 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-WATER-02-QT4-2023

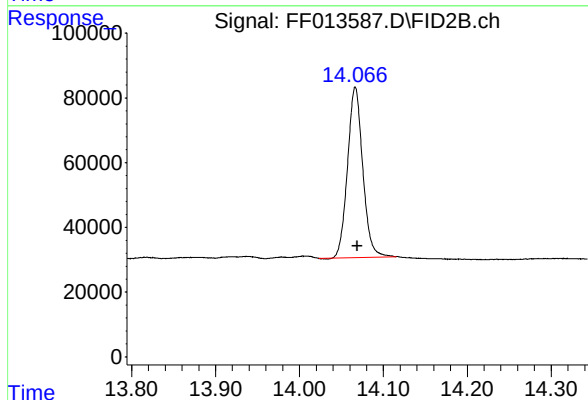
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023



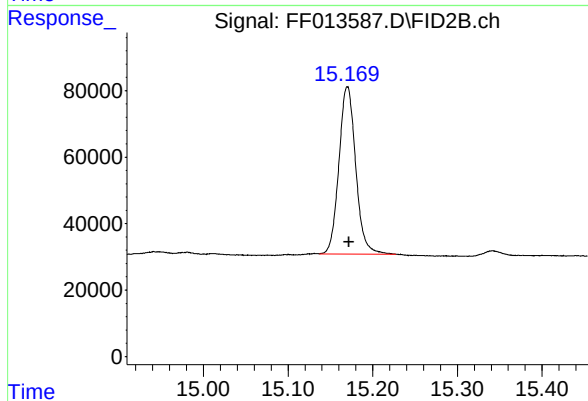
#12 1-chlorooctadecane (SURR)

R.T.: 13.314 min
Delta R.T.: 0.000 min
Response: 4203327
Conc: 35.07 ug/ml



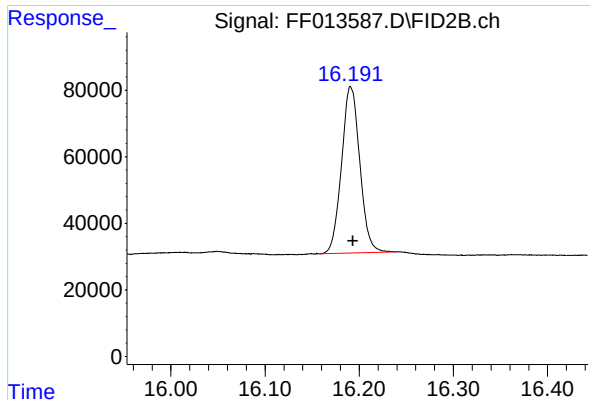
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.002 min
Response: 663212
Conc: 4.92 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: -0.002 min
Response: 694275
Conc: 5.08 ug/ml



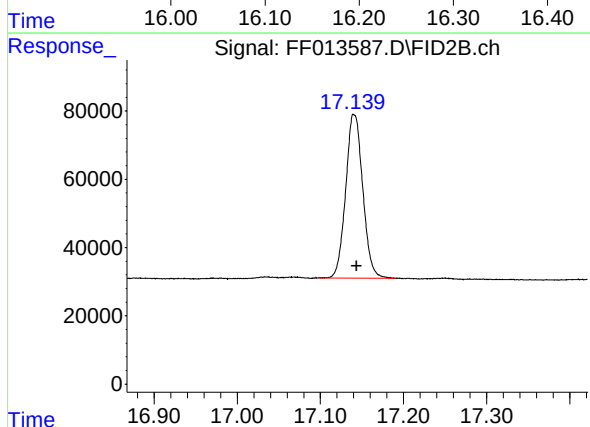
#15 n-Hexacosane (C26)

R.T.: 16.191 min
Delta R.T.: -0.002 min
Response: 673462
Conc: 4.95 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-WATER-02-QT4-2023

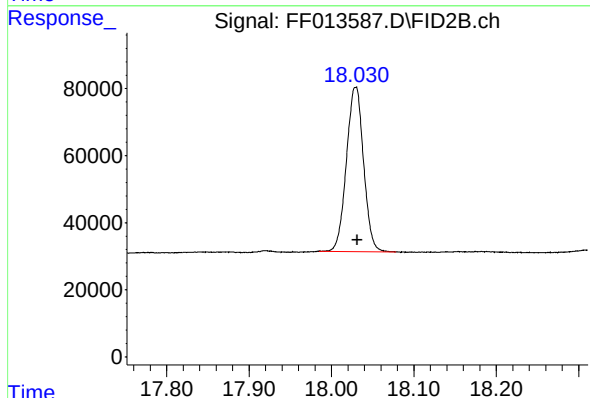
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023



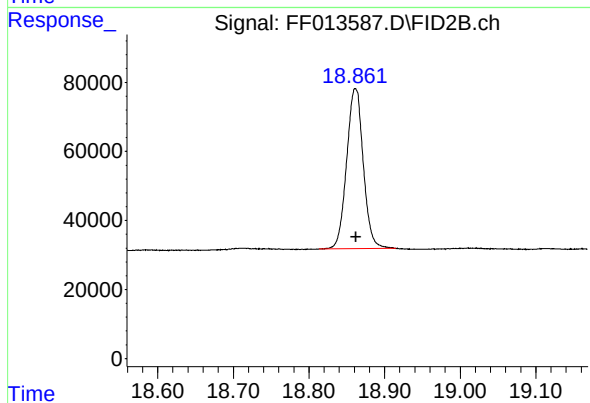
#16 n-Octacosane (C28)

R.T.: 17.141 min
Delta R.T.: -0.003 min
Response: 683712
Conc: 5.11 ug/ml



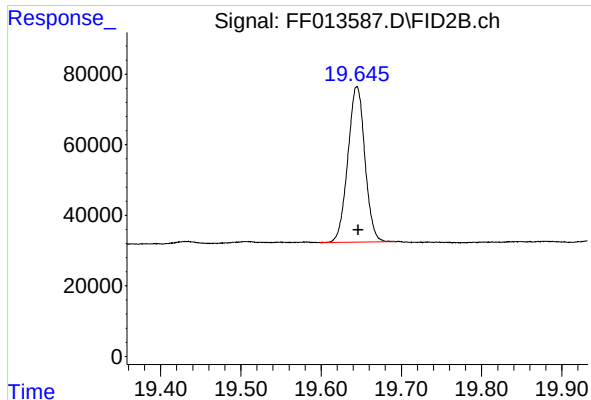
#17 n-Tricontane (C30)

R.T.: 18.029 min
Delta R.T.: -0.002 min
Response: 709119
Conc: 5.12 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: 0.000 min
Response: 708560
Conc: 5.16 ug/ml



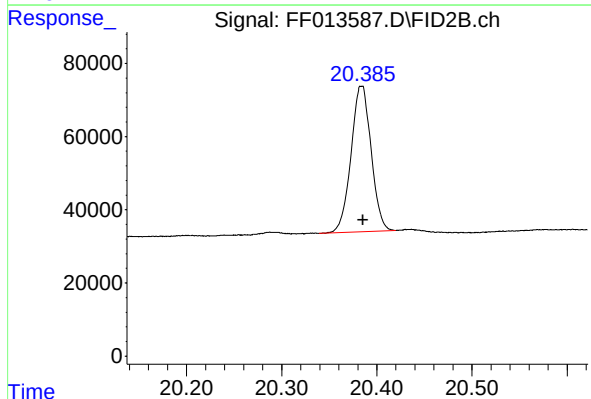
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: -0.002 min
Response: 651176
Conc: 5.03 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-WATER-02-QT4-2023

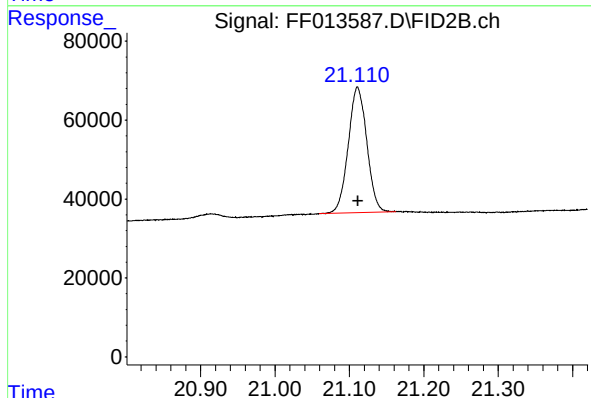
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023



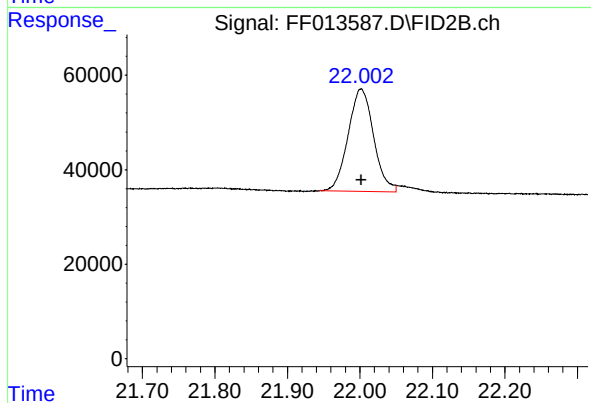
#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: -0.001 min
Response: 585280
Conc: 4.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.000 min
Response: 551954
Conc: 4.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: 0.000 min
Response: 530735
Conc: 4.61 ug/ml m