

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100622AL\
 Data File : FD044050.D
 Signal(s) : FID2B.ch
 Acq On : 06 Oct 2022 22:14
 Operator : YP/AJ
 Sample : N4955-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2022
 Supervised By :Ankita Jodhani 10/07/2022

Integration File: autoint1.e
 Quant Time: Oct 07 04:25:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 2022
 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...	12.721	3134707	24.925 ug/ml
Spiked Amount 50.000		Recovery =	49.85%
Target Compounds			
1) T n-Nonane (C9)	3.140	299475	2.218 ug/mlm
2) T n-Decane (C10)	4.190	367023	2.732 ug/mlm
4) T n-Dodecane (C12)	6.188	487348	3.507 ug/mlm
6) T n-Tetradecane (C14)	7.967	478683	3.438 ug/ml
7) T n-Hexadecane (C16)	9.554	469195	3.326 ug/ml
8) T n-Octadecane (C18)	10.983	519878	3.575 ug/ml
10) T n-Eicosane (C20)	12.280	543461	3.665 ug/ml
11) T n-Heneicosane (C21)	12.887	556375	3.708 ug/ml
13) T n-Docosane (C22)	13.467	557519	3.708 ug/ml
14) T n-Tetracosane (C24)	14.559	559309	3.706 ug/ml
15) T n-Hexacosane (C26)	15.570	563050	3.719 ug/ml
16) T n-Octacosane (C28)	16.509	569344	3.779 ug/ml
17) T n-Tricontane (C30)	17.386	562676	3.671 ug/ml
18) T n-Dotriacontane (C32)	18.209	571957	3.730 ug/ml
19) T n-Tetratriacontane (C34)	18.983	546404	3.712 ug/ml
20) T n-Hexatriacontane (C36)	19.714	512600	3.496 ug/ml
21) T n-Octatriacontane (C38)	20.406	465032	3.333 ug/ml
22) T n-Tetracontane (C40)	21.164	428519	3.295 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100622AL\
Data File : FD044050.D
Signal(s) : FID2B.ch
Acq On : 06 Oct 2022 22:14
Operator : YP/AJ
Sample : N4955-08
Misc : 5 PPM WATER LOQ
ALS Vial : 60 Sample Multiplier: 1

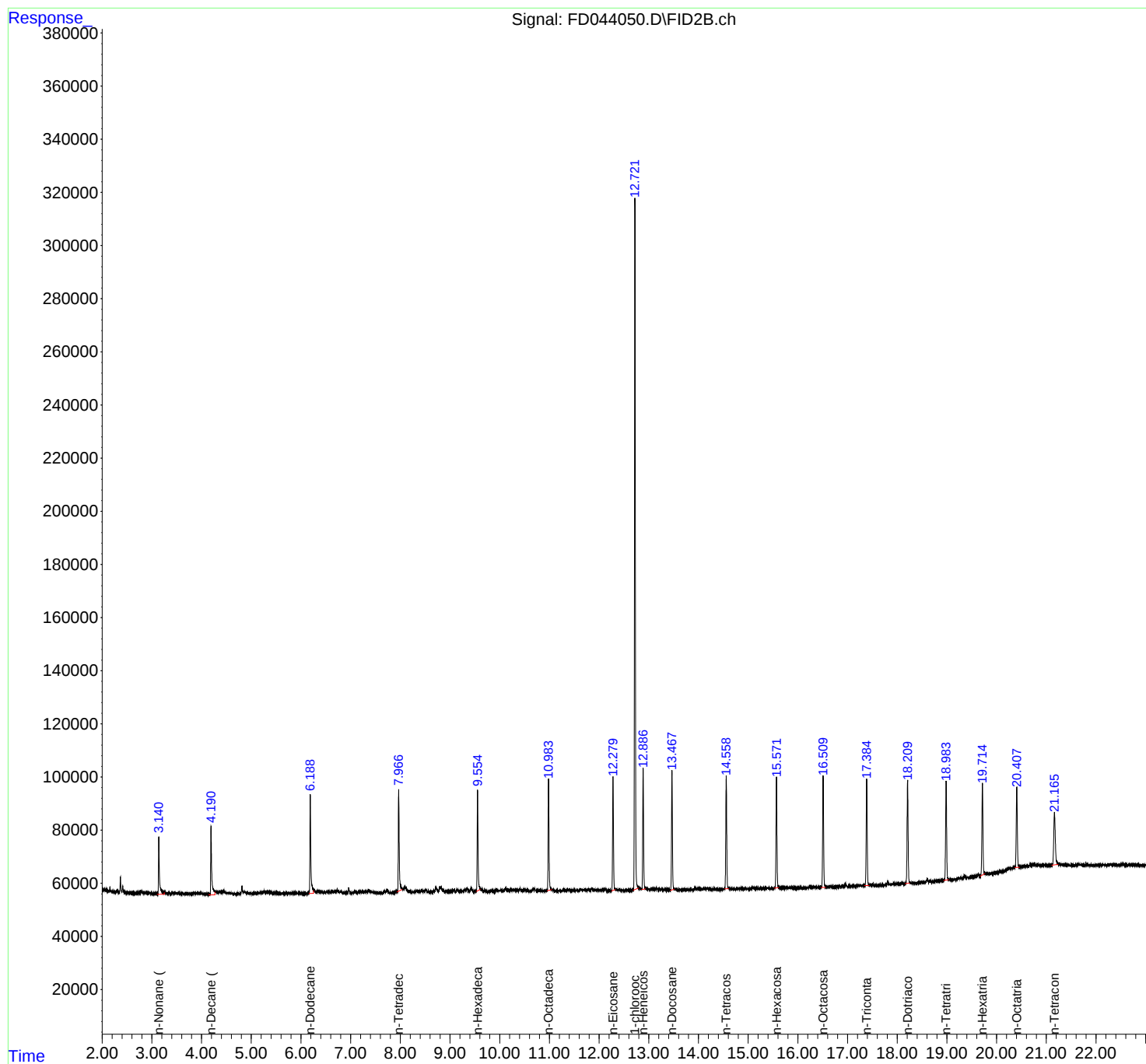
Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT4-2022

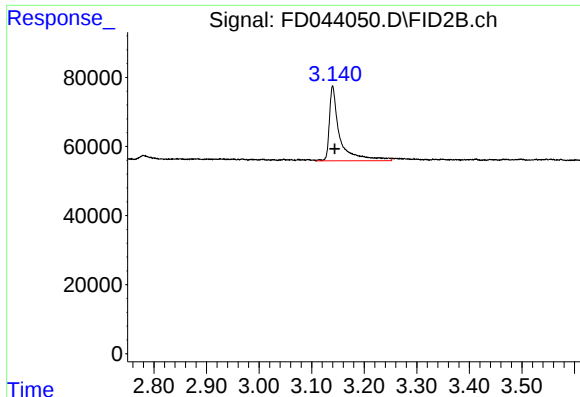
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2022
Supervised By :Ankita Jodhani 10/07/2022

Integration File: autoint1.e
Quant Time: Oct 07 04:25:56 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
Quant Title : GC Extractables
QLast Update : Thu Oct 06 01:41:44 2022
Response via : Initial Calibration
Integrator: ChemStation

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





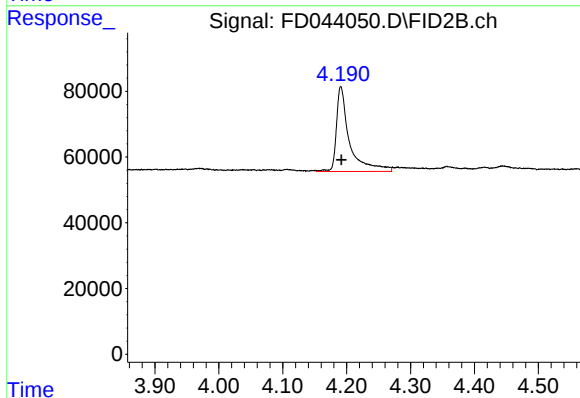
#1 n-Nonane (C9)

R.T.: 3.140 min
Delta R.T.: -0.004 min
Response: 299475
Conc: 2.22 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT4-2022

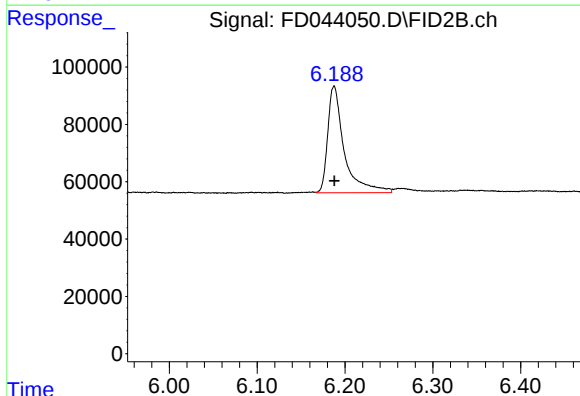
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2022
Supervised By :Ankita Jodhani 10/07/2022



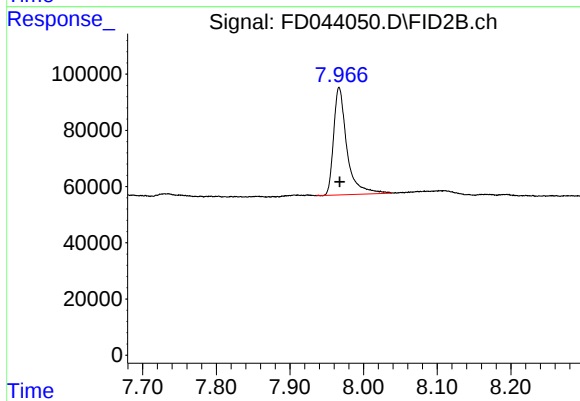
#2 n-Decane (C10)

R.T.: 4.190 min
Delta R.T.: -0.002 min
Response: 367023
Conc: 2.73 ug/ml m



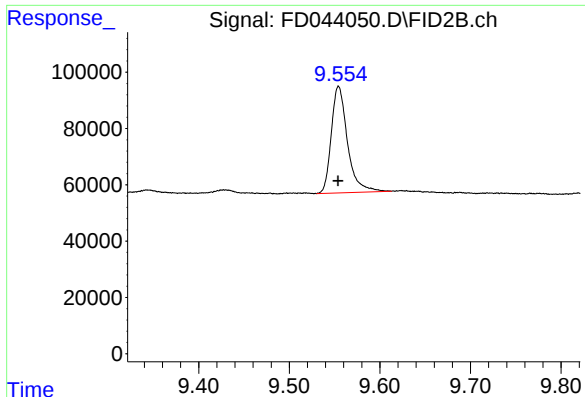
#4 n-Dodecane (C12)

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 487348
Conc: 3.51 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 7.967 min
Delta R.T.: 0.000 min
Response: 478683
Conc: 3.44 ug/ml



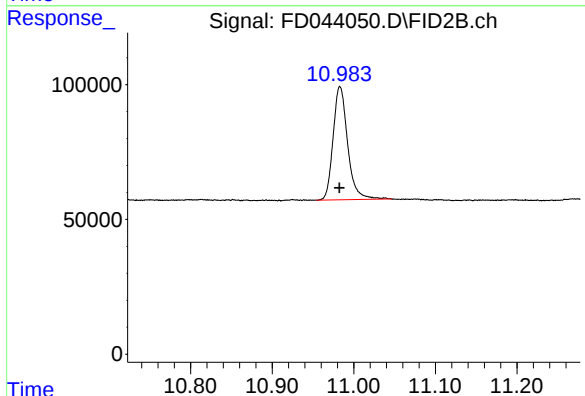
#7 n-Hexadecane (C16)

R.T.: 9.554 min
Delta R.T.: 0.000 min
Response: 469195
Conc: 3.33 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT4-2022

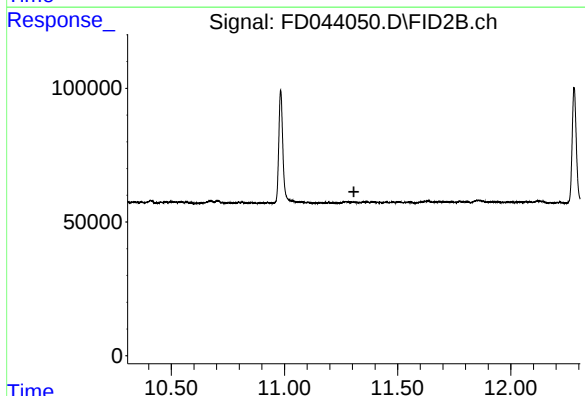
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2022
Supervised By :Ankita Jodhani 10/07/2022



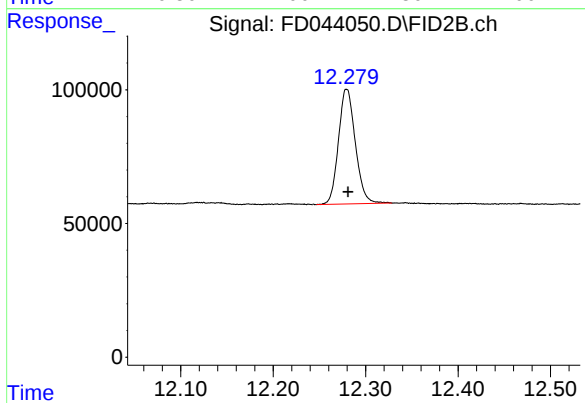
#8 n-Octadecane (C18)

R.T.: 10.983 min
Delta R.T.: 0.000 min
Response: 519878
Conc: 3.58 ug/ml



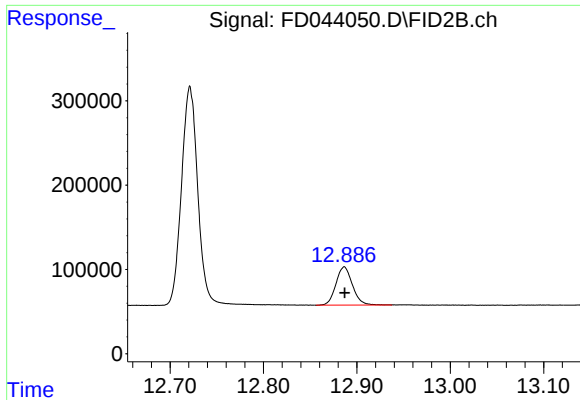
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.307 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.280 min
Delta R.T.: -0.001 min
Response: 543461
Conc: 3.66 ug/ml



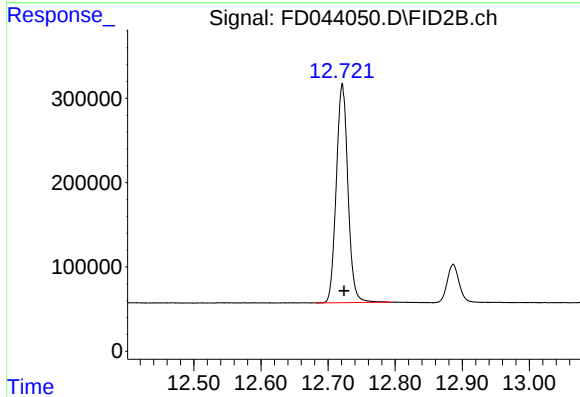
#11 n-Heneicosane (C21)

R.T.: 12.887 min
Delta R.T.: 0.000 min
Response: 556375
Conc: 3.71 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT4-2022

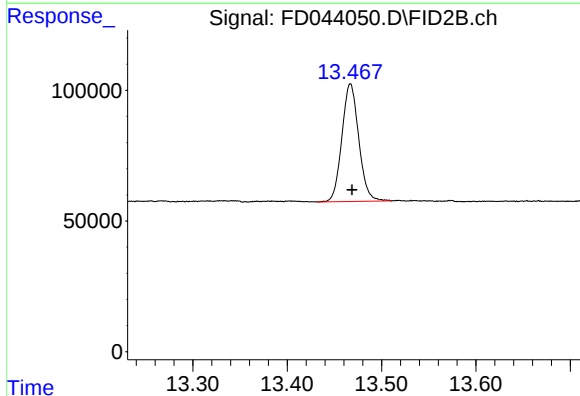
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2022
Supervised By :Ankita Jodhani 10/07/2022



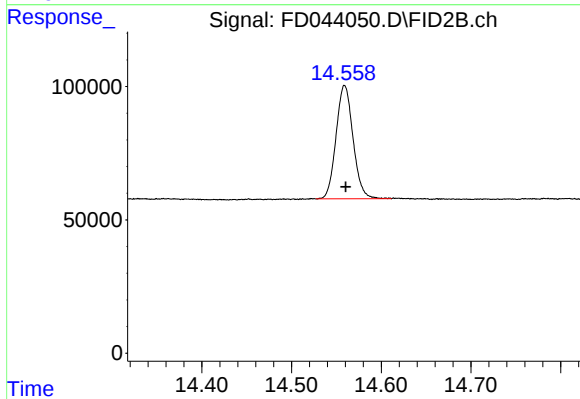
#12 1-chlorooctadecane (SURR)

R.T.: 12.721 min
Delta R.T.: -0.002 min
Response: 3134707
Conc: 24.93 ug/ml



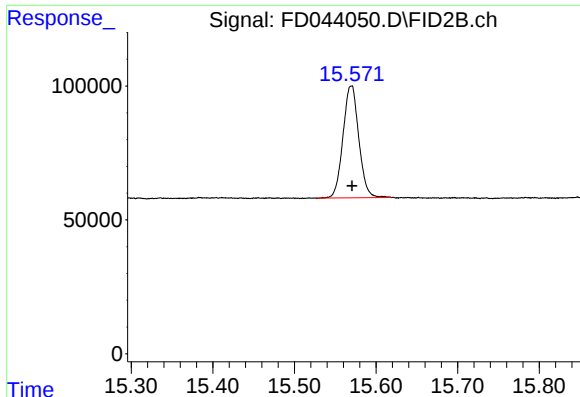
#13 n-Docosane (C22)

R.T.: 13.467 min
Delta R.T.: -0.002 min
Response: 557519
Conc: 3.71 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.559 min
Delta R.T.: -0.001 min
Response: 559309
Conc: 3.71 ug/ml



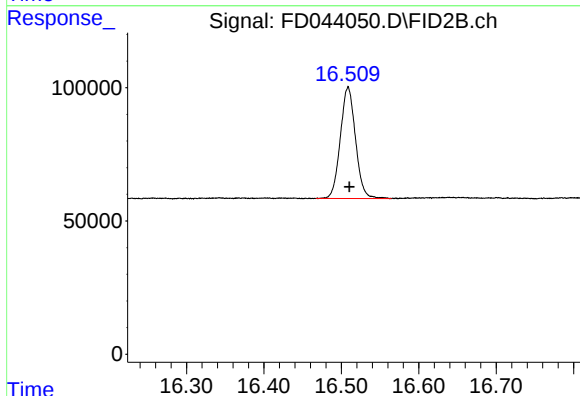
#15 n-Hexacosane (C26)

R.T.: 15.570 min
Delta R.T.: -0.001 min
Response: 563050
Conc: 3.72 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT4-2022

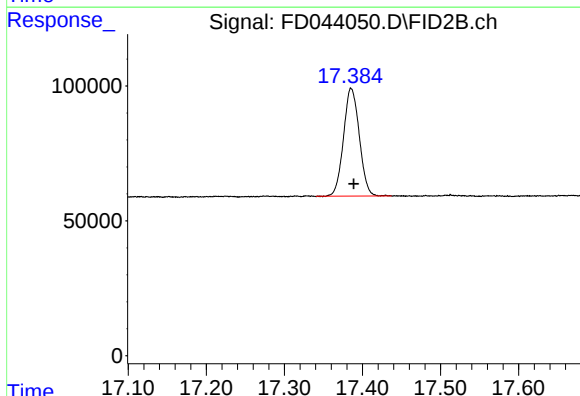
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2022
Supervised By :Ankita Jodhani 10/07/2022



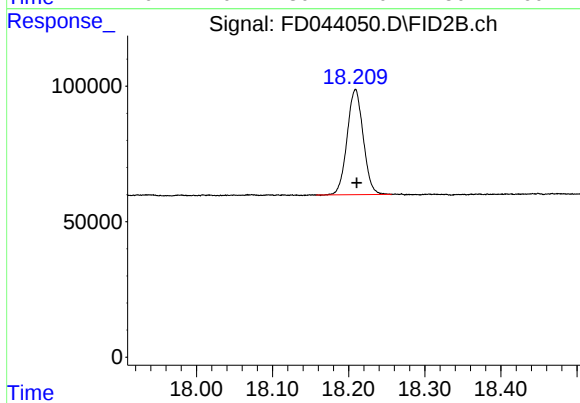
#16 n-Octacosane (C28)

R.T.: 16.509 min
Delta R.T.: -0.002 min
Response: 569344
Conc: 3.78 ug/ml



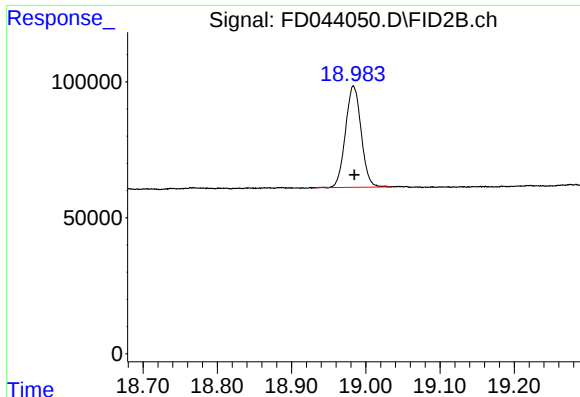
#17 n-Tricontane (C30)

R.T.: 17.386 min
Delta R.T.: -0.003 min
Response: 562676
Conc: 3.67 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.209 min
Delta R.T.: -0.001 min
Response: 571957
Conc: 3.73 ug/ml



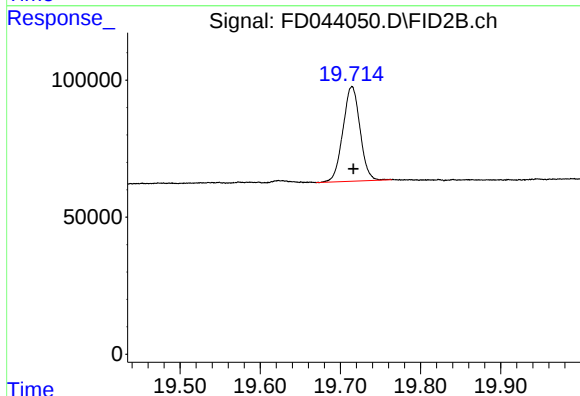
#19 n-Tetratriacontane (C34)

R.T.: 18.983 min
Delta R.T.: -0.001 min
Response: 546404
Conc: 3.71 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT4-2022

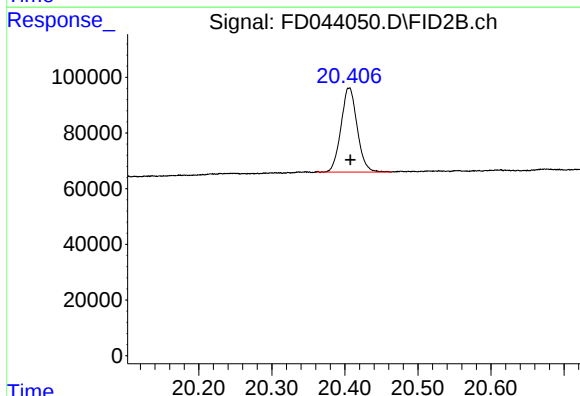
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2022
Supervised By :Ankita Jodhani 10/07/2022



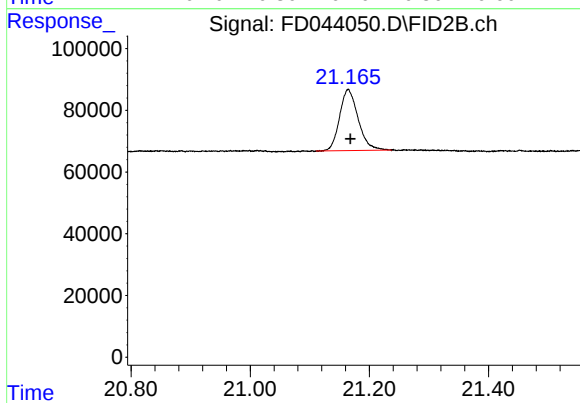
#20 n-Hexatriacontane (C36)

R.T.: 19.714 min
Delta R.T.: -0.002 min
Response: 512600
Conc: 3.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.406 min
Delta R.T.: -0.002 min
Response: 465032
Conc: 3.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.164 min
Delta R.T.: -0.004 min
Response: 428519
Conc: 3.29 ug/ml