

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012925AL\
 Data File : FF015365.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 15:59
 Operator : YP\AJ
 Sample : Q1168-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 02:22:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 2025
 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...	13.367	4509680	37.037 ug/ml
Spiked Amount 50.000		Recovery =	74.07%
Target Compounds			
1) T n-Nonane (C9)	3.315	322697	2.485 ug/ml
2) T n-Decane (C10)	4.568	382163	2.876 ug/ml
4) T n-Dodecane (C12)	6.731	443266	3.261 ug/ml
6) T n-Tetradecane (C14)	8.557	437015	3.178 ug/ml
7) T n-Hexadecane (C16)	10.164	425417	2.936 ug/ml
8) T n-Octadecane (C18)	11.608	463911	3.121 ug/ml
10) T n-Eicosane (C20)	12.919	488097	3.401 ug/ml
11) T n-Heneicosane (C21)	13.531	474137	3.353 ug/ml
13) T n-Docosane (C22)	14.118	459385	3.267 ug/ml
14) T n-Tetracosane (C24)	15.224	443886	3.189 ug/ml
15) T n-Hexacosane (C26)	16.247	423115	3.124 ug/ml
16) T n-Octacosane (C28)	17.198	421205	3.201 ug/ml
17) T n-Tricontane (C30)	18.088	440066	3.317 ug/ml
18) T n-Dotriacontane (C32)	18.921	454650	3.605 ug/ml
19) T n-Tetratriacontane (C34)	19.706	425816	3.911 ug/ml
20) T n-Hexatriacontane (C36)	20.450	400568	4.290 ug/mlm
21) T n-Octatriacontane (C38)	21.192	374494	4.268 ug/ml
22) T n-Tetracontane (C40)	22.117	309821	3.655 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012925AL\
Data File : FF015365.D
Signal(s) : FID2B.ch
Acq On : 29 Jan 2025 15:59
Operator : YP\AJ
Sample : Q1168-07
Misc : 4 PPM WATER LOD
ALS Vial : 16 Sample Multiplier: 1

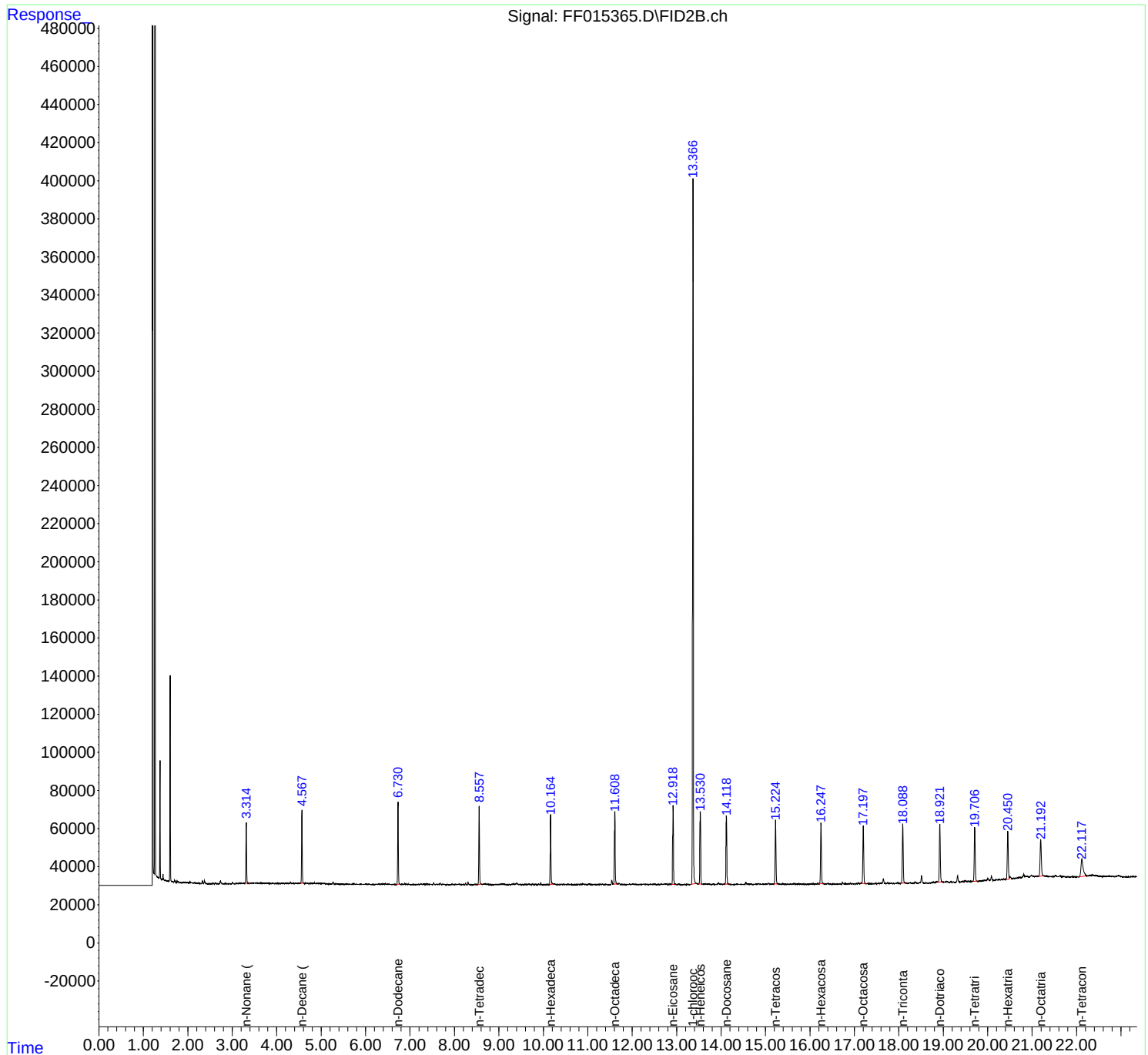
Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

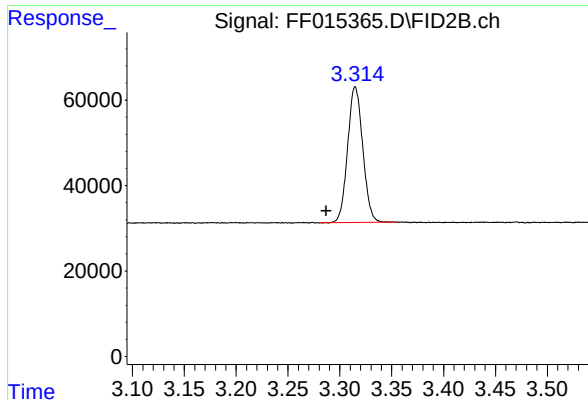
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
Quant Time: Jan 30 02:22:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 11:45:29 2025
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.: 3.315 min
Delta R.T.: 0.028 min
Response: 322697
Conc: 2.49 ug/ml

Instrument :

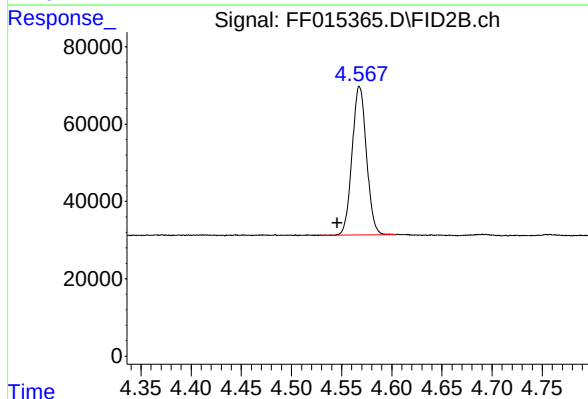
FID_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

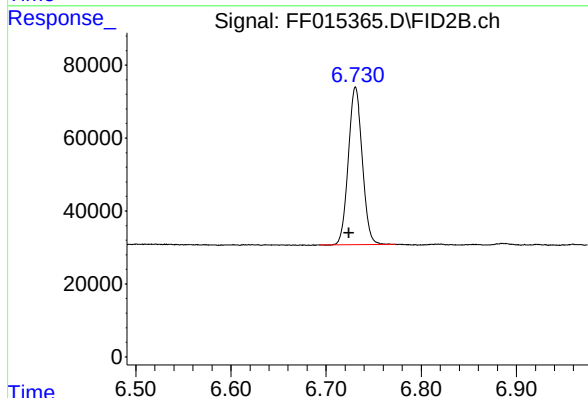
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025



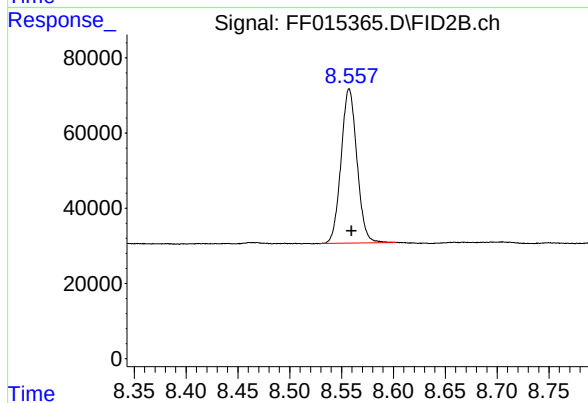
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: 0.022 min
Response: 382163
Conc: 2.88 ug/ml



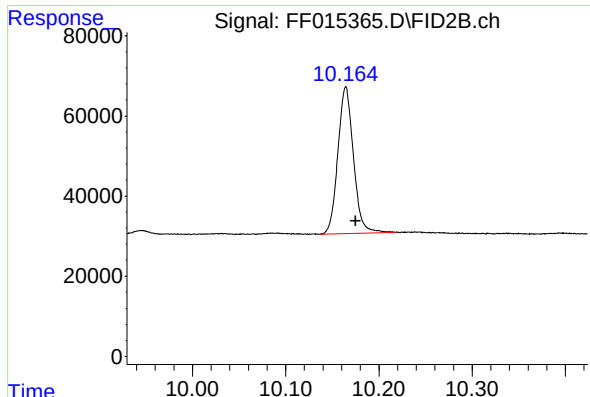
#4 n-Dodecane (C12)

R.T.: 6.731 min
Delta R.T.: 0.007 min
Response: 443266
Conc: 3.26 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: -0.003 min
Response: 437015
Conc: 3.18 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.010 min
Response: 425417
Conc: 2.94 ug/ml

Instrument :

FID_F

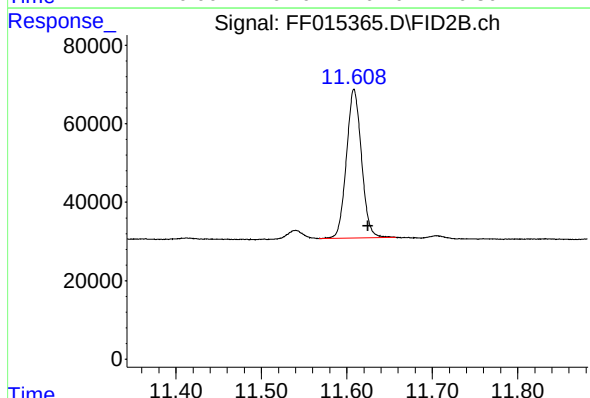
ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Manual Integrations

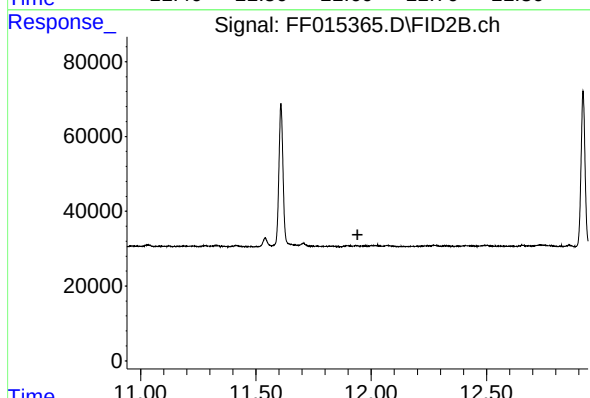
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025



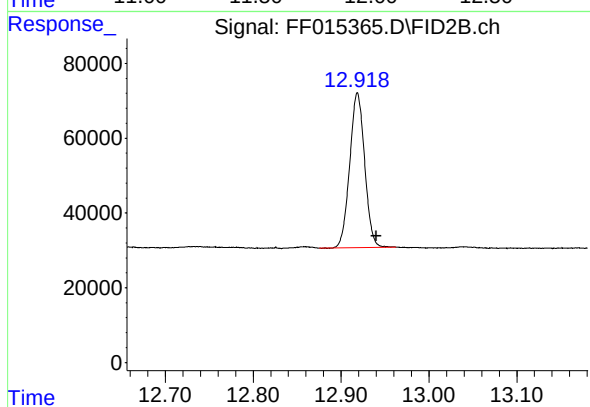
#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.016 min
Response: 463911
Conc: 3.12 ug/ml



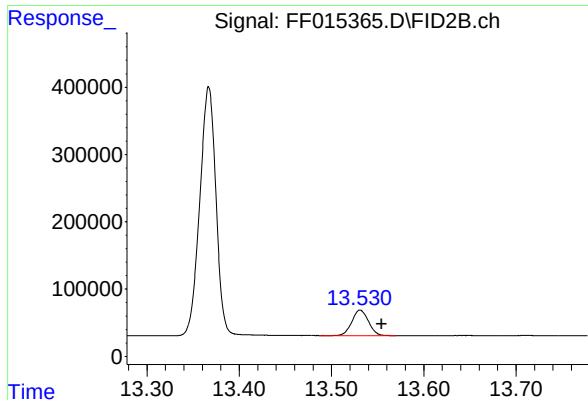
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.940 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.021 min
Response: 488097
Conc: 3.40 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.023 min
Response: 474137
Conc: 3.35 ug/ml

Instrument :

FID_F

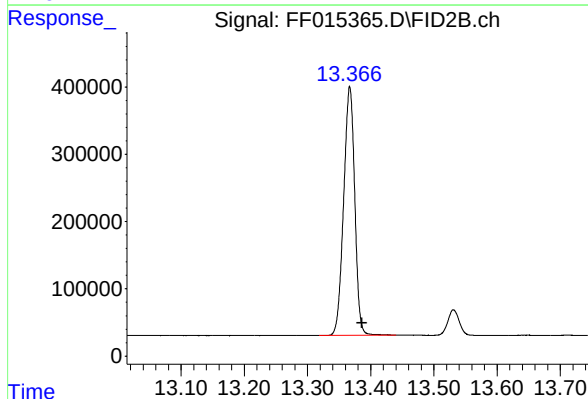
ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Manual Integrations

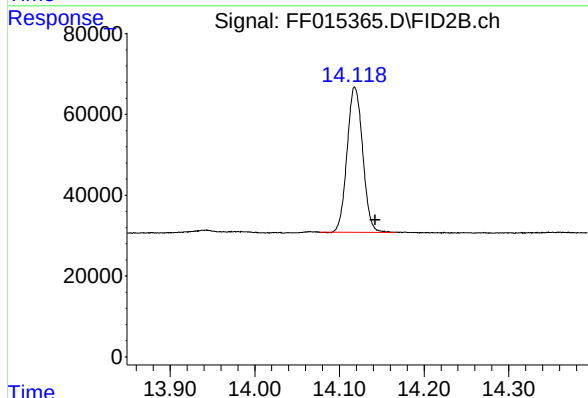
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025



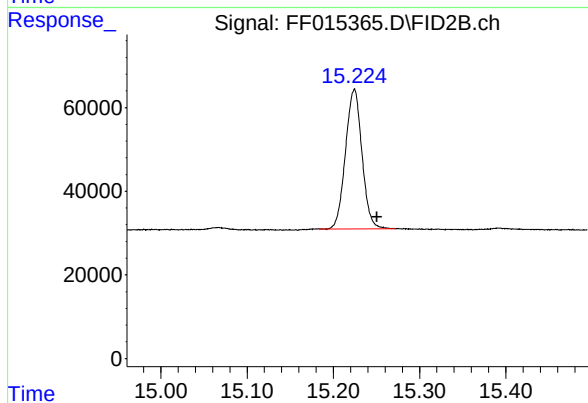
#12 1-chlorooctadecane (SURR)

R.T.: 13.367 min
Delta R.T.: -0.019 min
Response: 4509680
Conc: 37.04 ug/ml



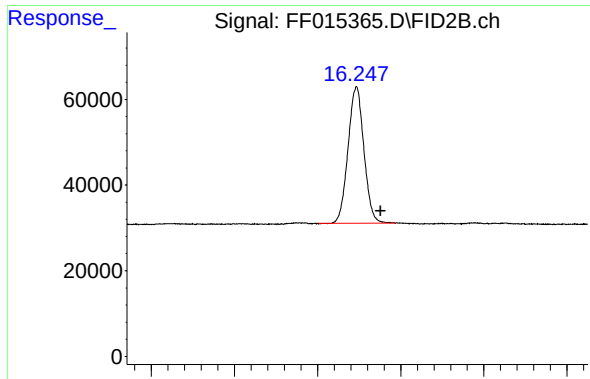
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.025 min
Response: 459385
Conc: 3.27 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.026 min
Response: 443886
Conc: 3.19 ug/ml



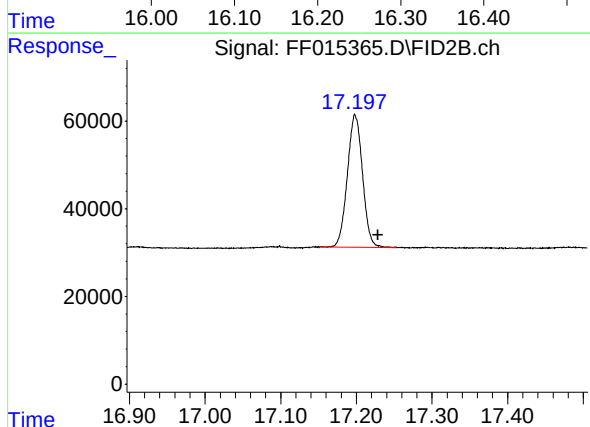
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.029 min
Response: 423115
Conc: 3.12 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

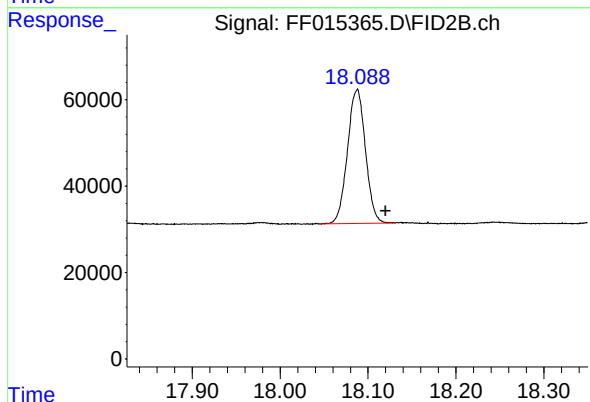
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025



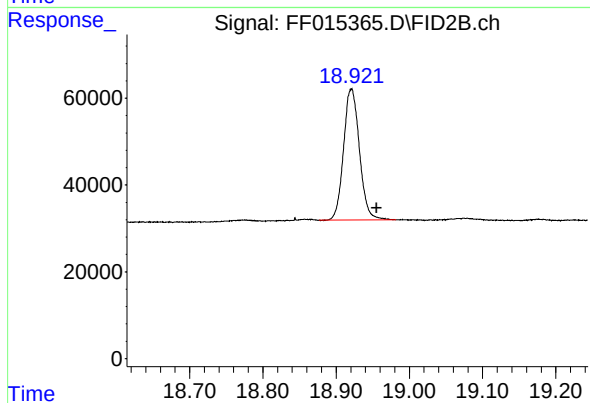
#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: -0.030 min
Response: 421205
Conc: 3.20 ug/ml



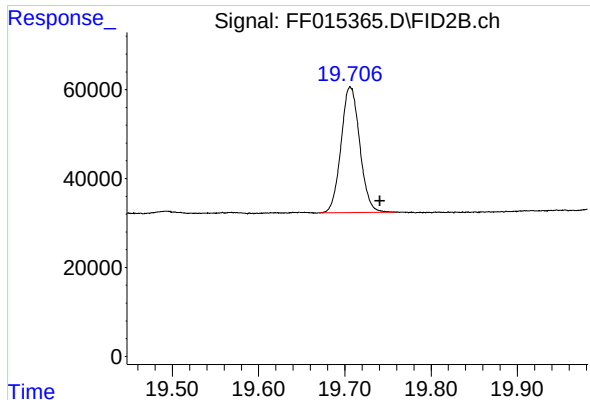
#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: -0.032 min
Response: 440066
Conc: 3.32 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.034 min
Response: 454650
Conc: 3.60 ug/ml



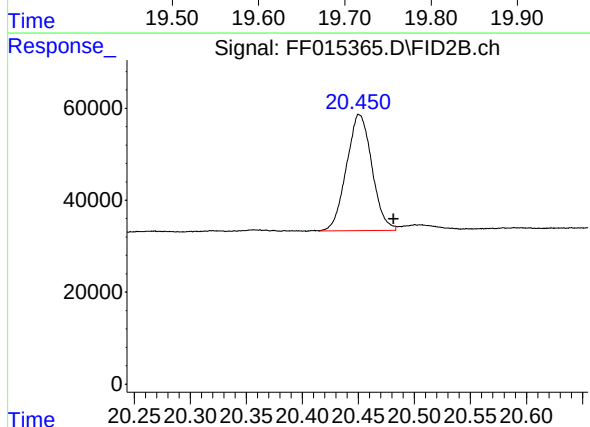
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.034 min
Response: 425816
Conc: 3.91 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

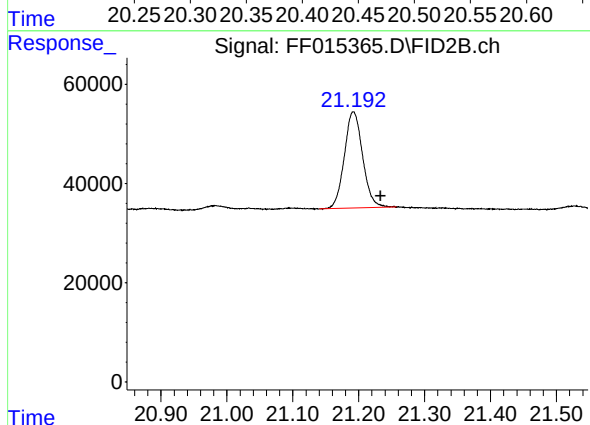
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025



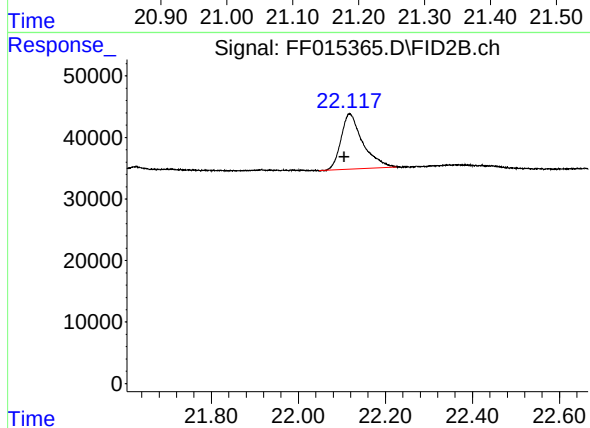
#20 n-Hexatriacontane (C36)

R.T.: 20.450 min
Delta R.T.: -0.032 min
Response: 400568
Conc: 4.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: -0.041 min
Response: 374494
Conc: 4.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: 0.011 min
Response: 309821
Conc: 3.66 ug/ml