

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080923AL\
 Data File : FD046312.D
 Signal(s) : FID2B.ch
 Acq On : 09 Aug 2023 12:57
 Operator : YP/AJ
 Sample : 03572-01
 Misc : LOD 2.5 PPM
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :Ankita Jodhani 08/10/2023

Integration File: autoint1.e
 Quant Time: Aug 09 23:59:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 14:31:50 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...	12.830	6935919	57.643 ug/ml
Spiked Amount 50.000		Recovery =	115.29%
Target Compounds			
1) T n-Nonane (C9)	3.226	338632	2.148 ug/ml
2) T n-Decane (C10)	4.278	333531	2.077 ug/ml
4) T n-Dodecane (C12)	6.279	343106	2.123 ug/ml
6) T n-Tetradecane (C14)	8.062	347946	2.187 ug/ml
7) T n-Hexadecane (C16)	9.653	348892	2.144 ug/ml
8) T n-Octadecane (C18)	11.086	375767	2.330 ug/ml
10) T n-Eicosane (C20)	12.386	385637	2.583 ug/ml
11) T n-Heneicosane (C21)	12.994	384289	2.662 ug/ml
13) T n-Docosane (C22)	13.576	407272	2.915 ug/ml
14) T n-Tetracosane (C24)	14.670	464020	3.370 ug/mlm
15) T n-Hexacosane (C26)	15.683	497746	3.893 ug/ml
16) T n-Octacosane (C28)	16.625	541715	4.449 ug/ml
17) T n-Tricontane (C30)	17.507	581014	4.694 ug/ml
18) T n-Dotriacontane (C32)	18.332	548997	4.496 ug/ml
19) T n-Tetratriacontane (C34)	19.110	441049	3.447 ug/ml
20) T n-Hexatriacontane (C36)	19.842	369121	3.223 ug/ml
21) T n-Octatriacontane (C38)	20.543	314240	2.791 ug/ml
22) T n-Tetracontane (C40)	21.357	282534	2.634 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080923AL\
Data File : FD046312.D
Signal(s) : FID2B.ch
Acq On : 09 Aug 2023 12:57
Operator : YP/AJ
Sample : 03572-01
Misc : LOD 2.5 PPM
ALS Vial : 55 Sample Multiplier: 1

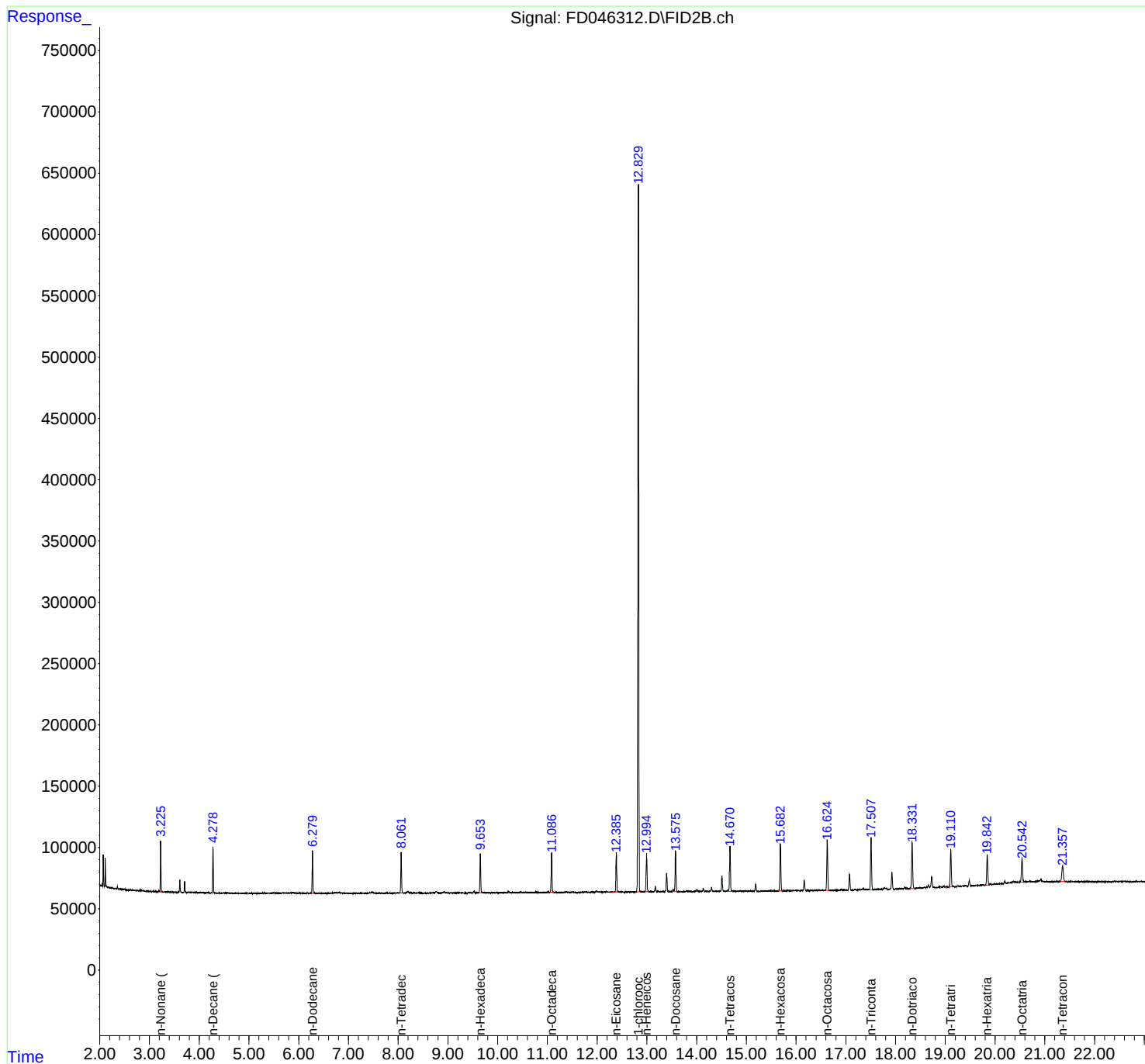
Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

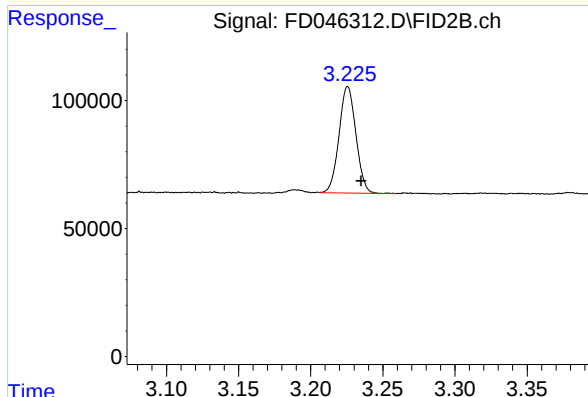
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2023
Supervised By :Ankita Jodhani 08/10/2023

Integration File: autoint1.e
Quant Time: Aug 09 23:59:34 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.
Quant Title : GC Extractables
QLast Update : Thu Jul 20 14:31:50 2023
Response via : Initial Calibration
Integrator: ChemStation

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





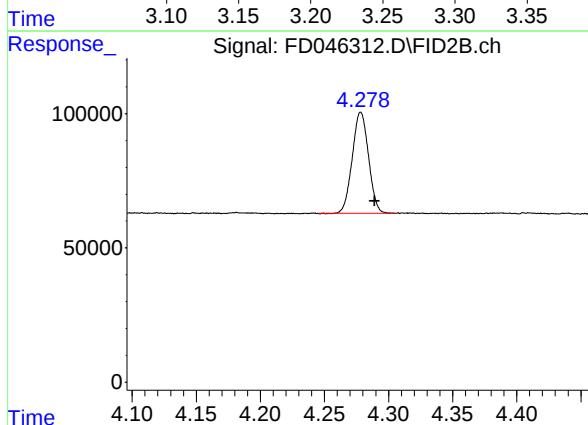
#1 n-Nonane (C9)

R.T.: 3.226 min
Delta R.T.: -0.009 min
Response: 338632
Conc: 2.15 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

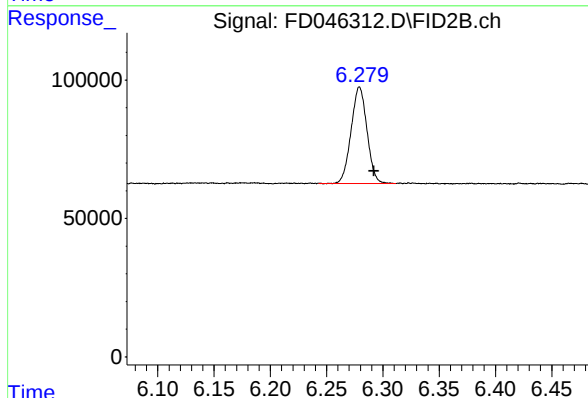
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2023
Supervised By :Ankita Jodhani 08/10/2023



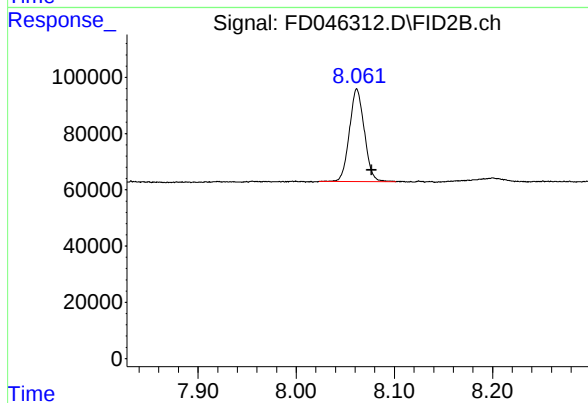
#2 n-Decane (C10)

R.T.: 4.278 min
Delta R.T.: -0.011 min
Response: 333531
Conc: 2.08 ug/ml



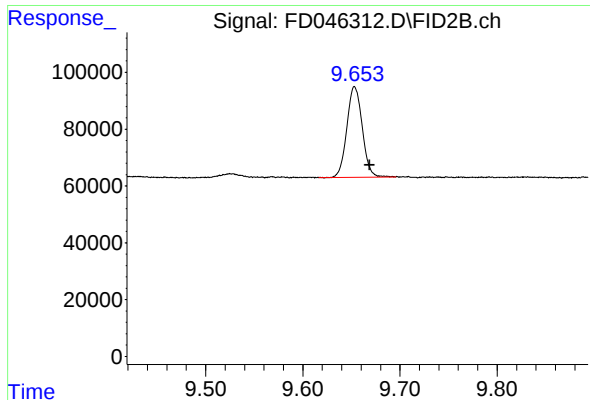
#4 n-Dodecane (C12)

R.T.: 6.279 min
Delta R.T.: -0.013 min
Response: 343106
Conc: 2.12 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.062 min
Delta R.T.: -0.015 min
Response: 347946
Conc: 2.19 ug/ml



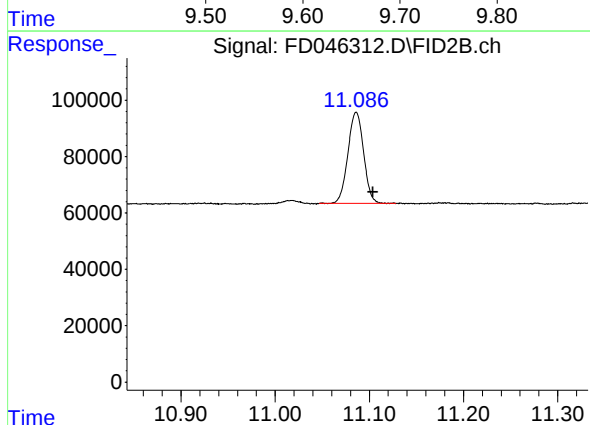
#7 n-Hexadecane (C16)

R.T.: 9.653 min
Delta R.T.: -0.015 min
Response: 348892
Conc: 2.14 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

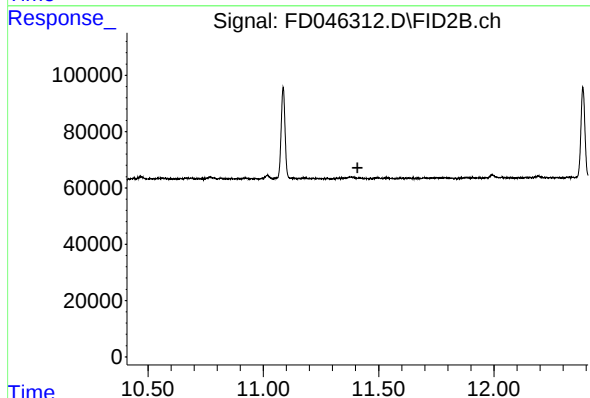
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2023
Supervised By :Ankita Jodhani 08/10/2023



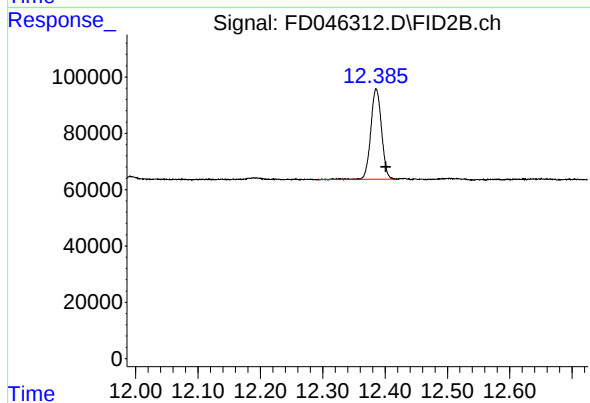
#8 n-Octadecane (C18)

R.T.: 11.086 min
Delta R.T.: -0.017 min
Response: 375767
Conc: 2.33 ug/ml



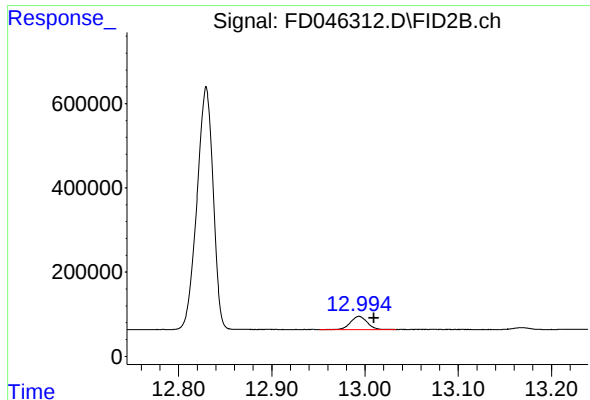
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.409 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.386 min
Delta R.T.: -0.016 min
Response: 385637
Conc: 2.58 ug/ml



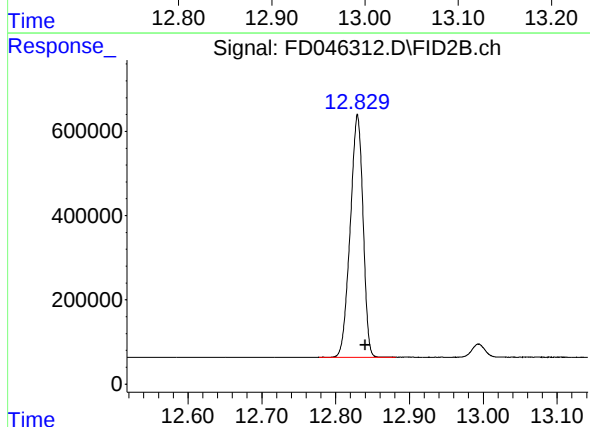
#11 n-Heneicosane (C21)

R.T.: 12.994 min
Delta R.T.: -0.016 min
Response: 384289
Conc: 2.66 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

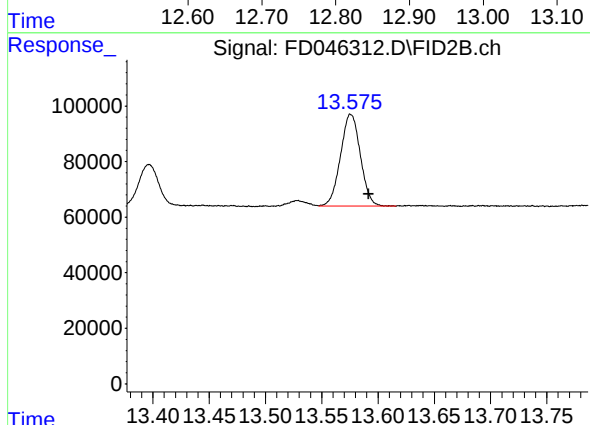
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2023
Supervised By :Ankita Jodhani 08/10/2023



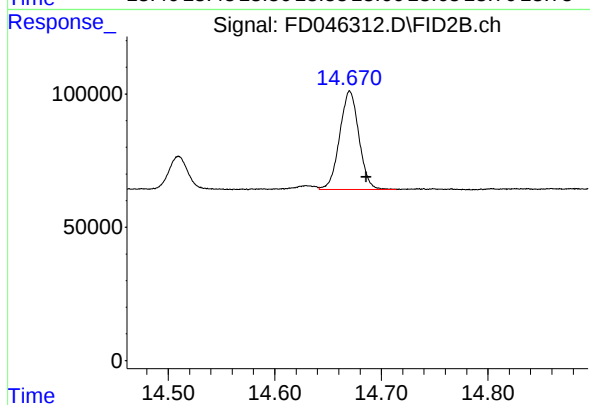
#12 1-chlorooctadecane (SURR)

R.T.: 12.830 min
Delta R.T.: -0.010 min
Response: 6935919
Conc: 57.64 ug/ml



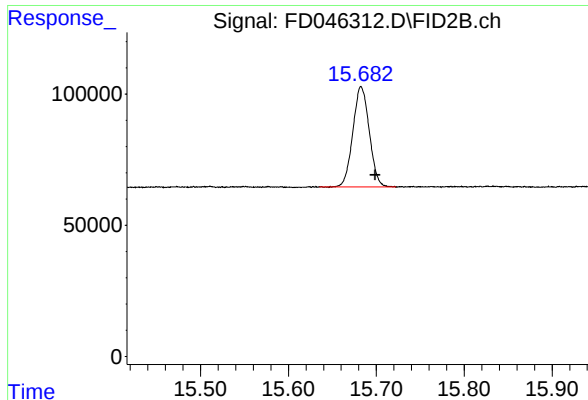
#13 n-Docosane (C22)

R.T.: 13.576 min
Delta R.T.: -0.016 min
Response: 407272
Conc: 2.91 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.670 min
Delta R.T.: -0.016 min
Response: 464020
Conc: 3.37 ug/ml m



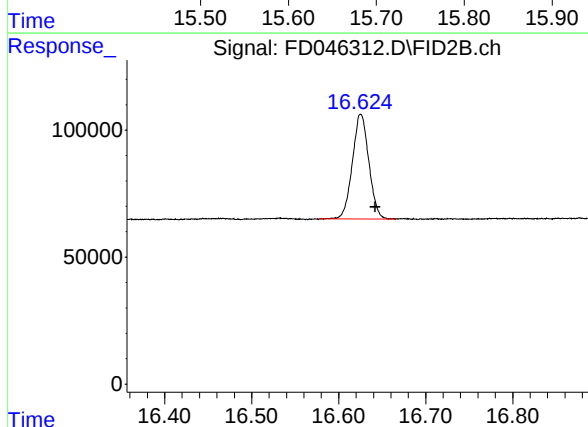
#15 n-Hexacosane (C26)

R.T.: 15.683 min
Delta R.T.: -0.016 min
Response: 497746
Conc: 3.89 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

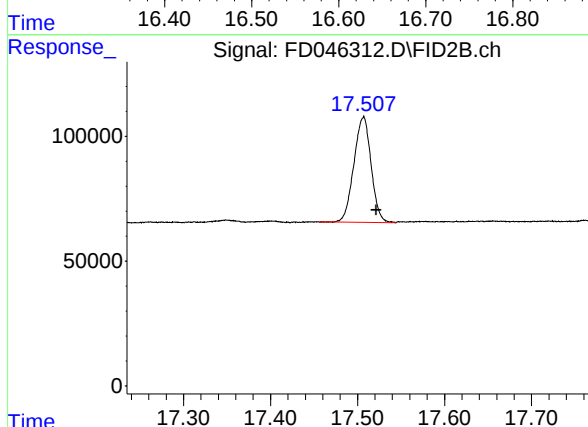
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2023
Supervised By :Ankita Jodhani 08/10/2023



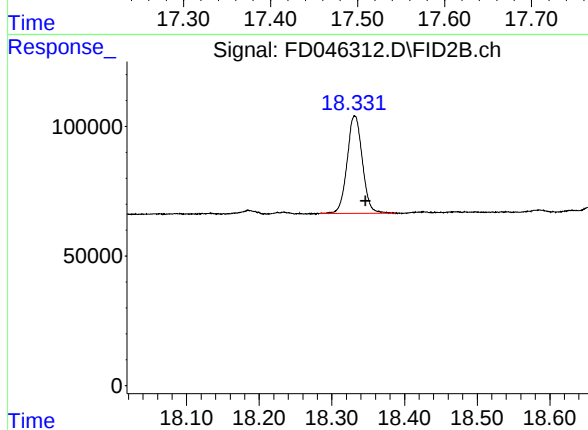
#16 n-Octacosane (C28)

R.T.: 16.625 min
Delta R.T.: -0.017 min
Response: 541715
Conc: 4.45 ug/ml



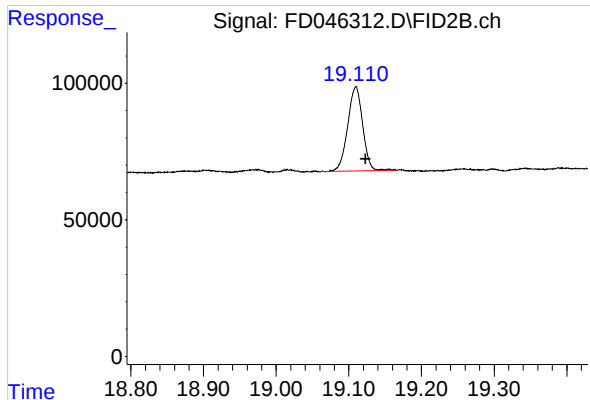
#17 n-Tricontane (C30)

R.T.: 17.507 min
Delta R.T.: -0.015 min
Response: 581014
Conc: 4.69 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.332 min
Delta R.T.: -0.015 min
Response: 548997
Conc: 4.50 ug/ml



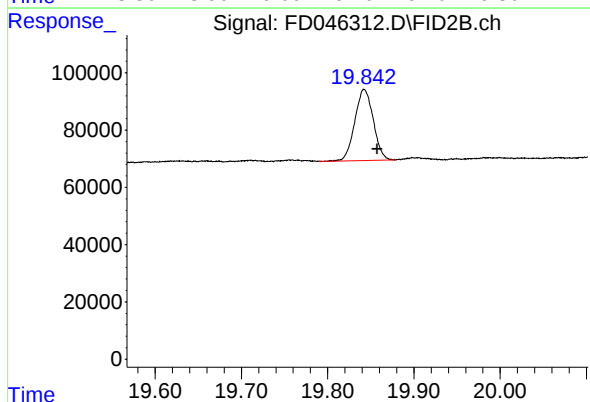
#19 n-Tetratriacontane (C34)

R.T.: 19.110 min
Delta R.T.: -0.014 min
Response: 441049
Conc: 3.45 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

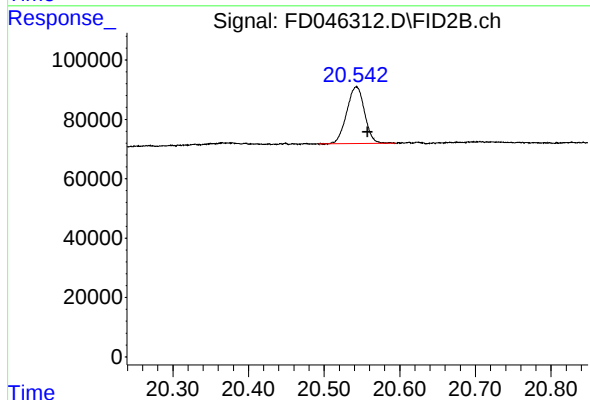
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2023
Supervised By :Ankita Jodhani 08/10/2023



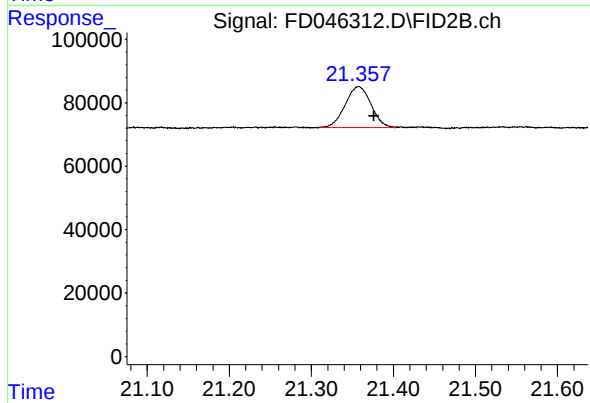
#20 n-Hexatriacontane (C36)

R.T.: 19.842 min
Delta R.T.: -0.015 min
Response: 369121
Conc: 3.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.543 min
Delta R.T.: -0.015 min
Response: 314240
Conc: 2.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.357 min
Delta R.T.: -0.019 min
Response: 282534
Conc: 2.63 ug/ml m