

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022423AL\
 Data File : FC062997.D
 Signal(s) : FID1A.ch
 Acq On : 23 Feb 2023 15:02
 Operator : YP/AJ
 Sample : 01627-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/24/2023
 Supervised By :Ankita Jodhani 02/24/2023

Integration File: autoint1.e
 Quant Time: Feb 24 05:29:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 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...	12.978	5776322	59.215 ug/ml
Spiked Amount 50.000		Recovery =	118.43%
Target Compounds			
1) T n-Nonane (C9)	3.298	191529	1.615 ug/ml
2) T n-Decane (C10)	4.364	232443	2.016 ug/ml
4) T n-Dodecane (C12)	6.384	307255	2.661 ug/ml
6) T n-Tetradecane (C14)	8.179	283828	2.511 ug/ml
7) T n-Hexadecane (C16)	9.780	291785	2.536 ug/ml
8) T n-Octadecane (C18)	11.222	307542	2.640 ug/ml
10) T n-Eicosane (C20)	12.530	317978	2.791 ug/ml
11) T n-Heneicosane (C21)	13.141	293259	2.573 ug/ml
13) T n-Docosane (C22)	13.727	311427	2.761 ug/ml
14) T n-Tetracosane (C24)	14.828	315370	2.814 ug/ml
15) T n-Hexacosane (C26)	15.848	304542	2.754 ug/ml
16) T n-Octacosane (C28)	16.797	304011	2.763 ug/ml
17) T n-Tricontane (C30)	17.684	322673	2.930 ug/ml
18) T n-Dotriacontane (C32)	18.515	336885	3.019 ug/ml
19) T n-Tetratriacontane (C34)	19.297	328480	2.939 ug/ml
20) T n-Hexatriacontane (C36)	20.034	309421	2.850 ug/ml
21) T n-Octatriacontane (C38)	20.765	296129	2.725 ug/ml
22) T n-Tetracontane (C40)	21.663	314773	2.893 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022423AL\
Data File : FC062997.D
Signal(s) : FID1A.ch
Acq On : 23 Feb 2023 15:02
Operator : YP/AJ
Sample : 01627-01
Misc : 2.5 PPM SOIL LOD
ALS Vial : 6 Sample Multiplier: 1

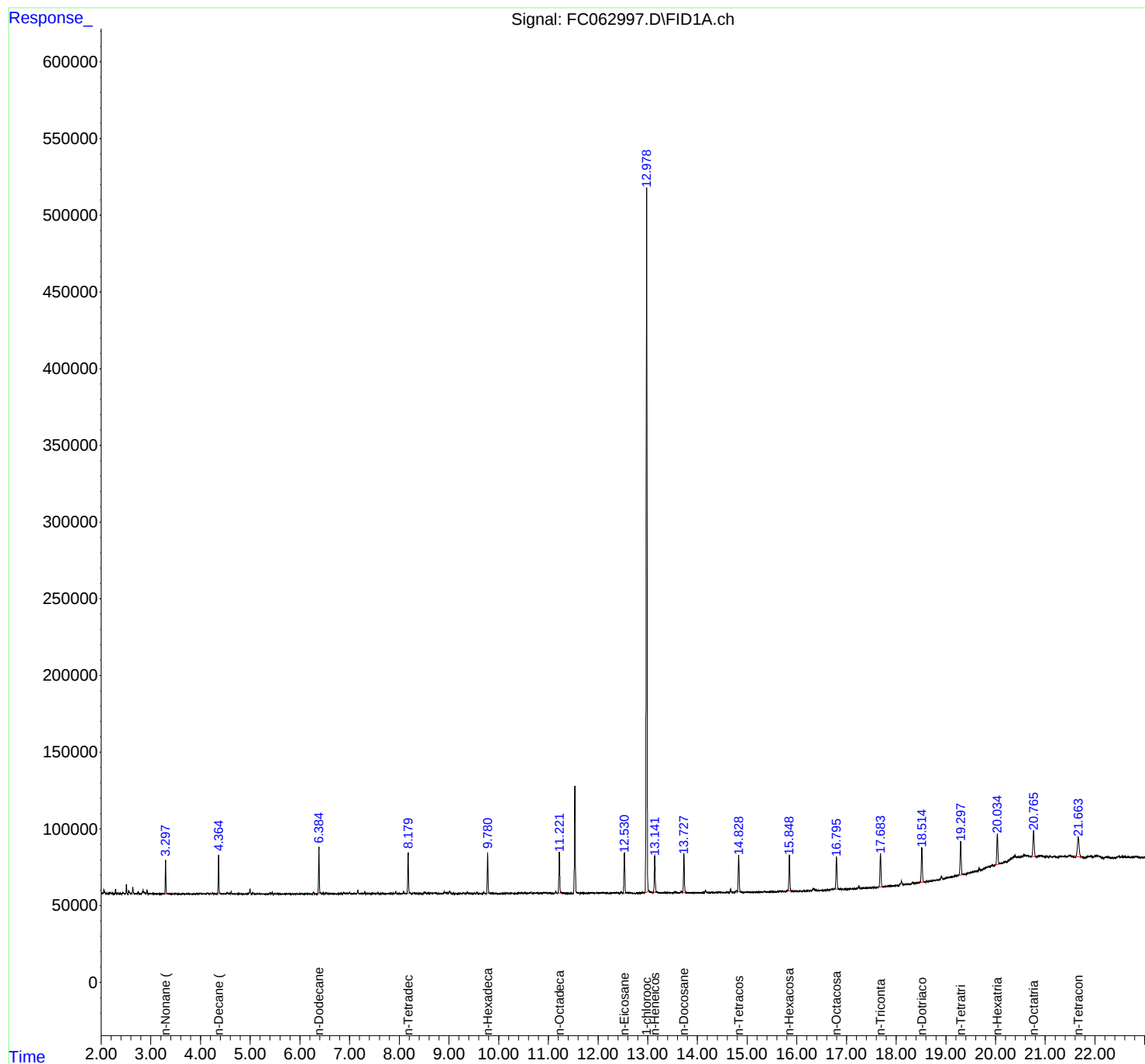
Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

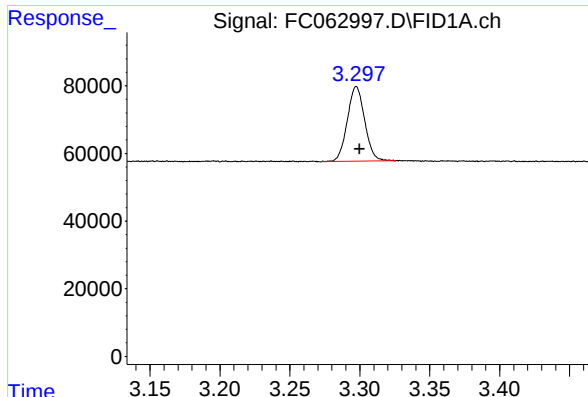
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2023
Supervised By :Ankita Jodhani 02/24/2023

Integration File: autoint1.e
Quant Time: Feb 24 05:29:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
Quant Title : GC Extractables
QLast Update : Wed Feb 22 04:36:00 2023
Response via : Initial Calibration
Integrator: ChemStation

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





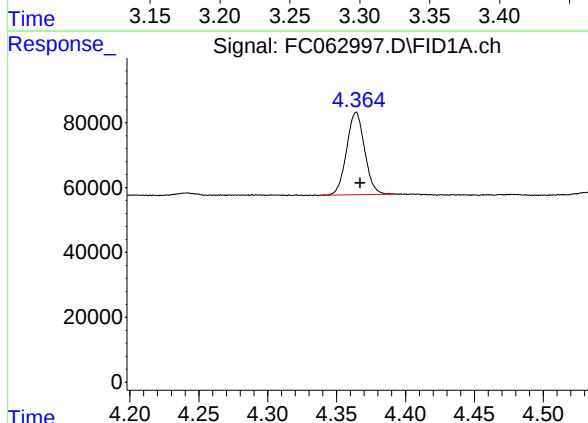
#1 n-Nonane (C9)

R.T.: 3.298 min
Delta R.T.: -0.002 min
Response: 191529
Conc: 1.62 ug/ml

Instrument : FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

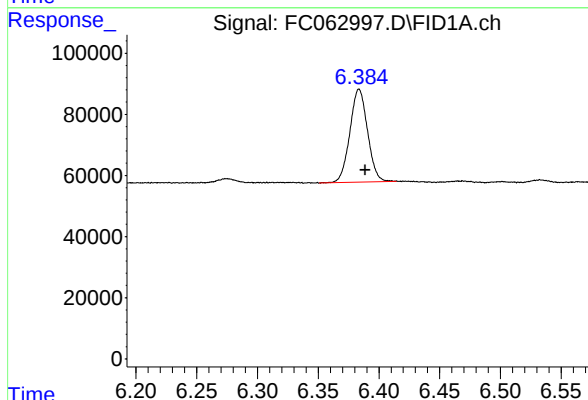
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2023
Supervised By :Ankita Jodhani 02/24/2023



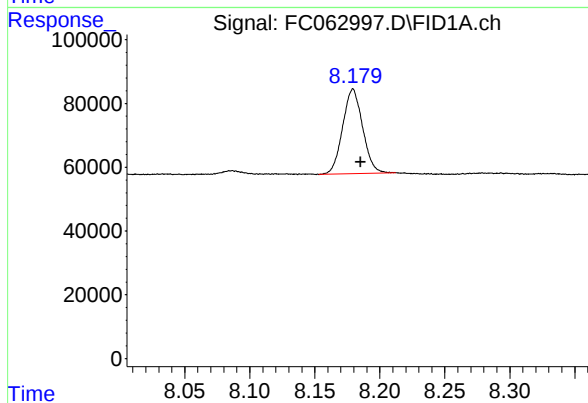
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.003 min
Response: 232443
Conc: 2.02 ug/ml



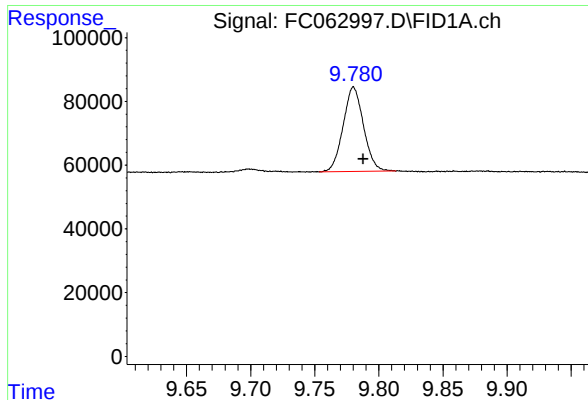
#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: -0.005 min
Response: 307255
Conc: 2.66 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: -0.006 min
Response: 283828
Conc: 2.51 ug/ml



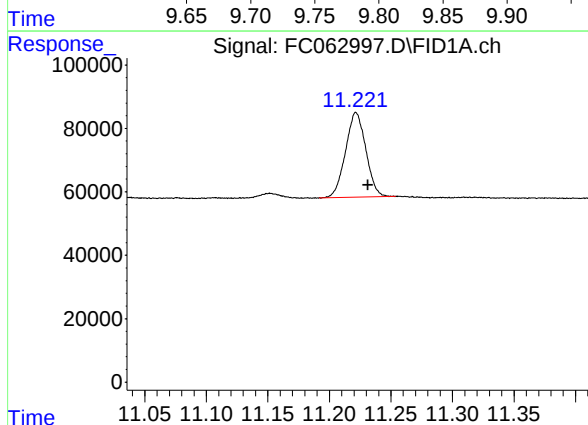
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.008 min
Response: 291785
Conc: 2.54 ug/ml

Instrument : FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

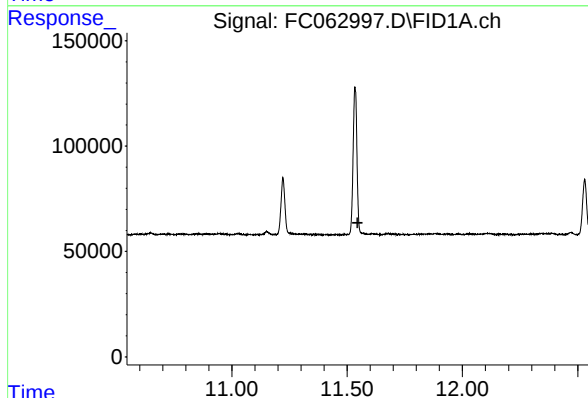
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2023
Supervised By :Ankita Jodhani 02/24/2023



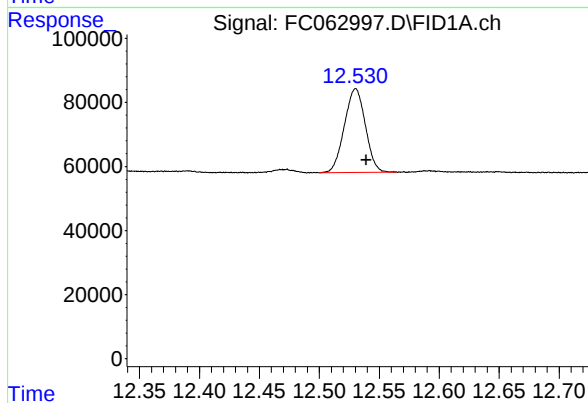
#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: -0.010 min
Response: 307542
Conc: 2.64 ug/ml



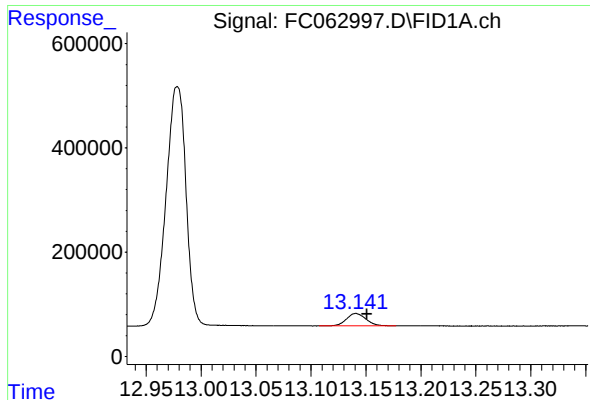
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.545 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.530 min
Delta R.T.: -0.009 min
Response: 317978
Conc: 2.79 ug/ml



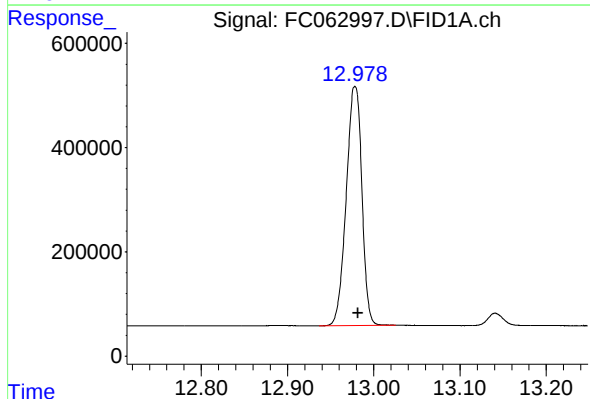
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: -0.010 min
Response: 293259
Conc: 2.57 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

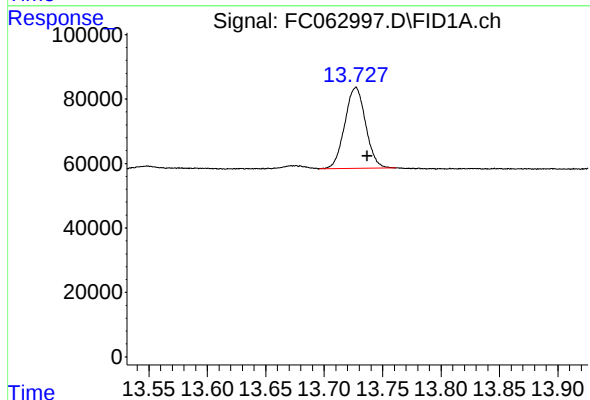
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2023
Supervised By :Ankita Jodhani 02/24/2023



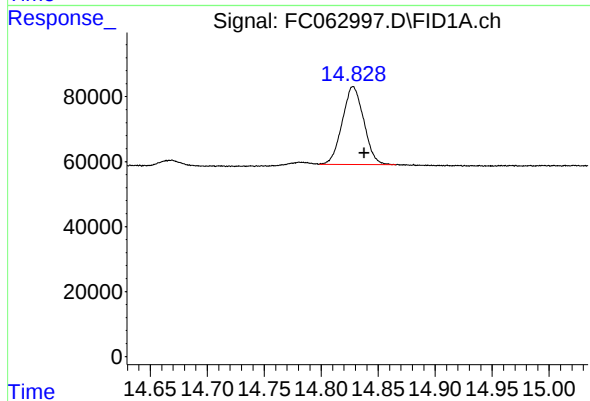
#12 1-chlorooctadecane (SURR)

R.T.: 12.978 min
Delta R.T.: -0.003 min
Response: 5776322
Conc: 59.22 ug/ml



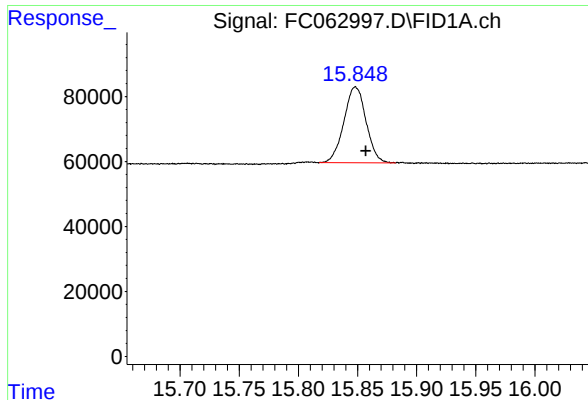
#13 n-Docosane (C22)

R.T.: 13.727 min
Delta R.T.: -0.010 min
Response: 311427
Conc: 2.76 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: -0.010 min
Response: 315370
Conc: 2.81 ug/ml



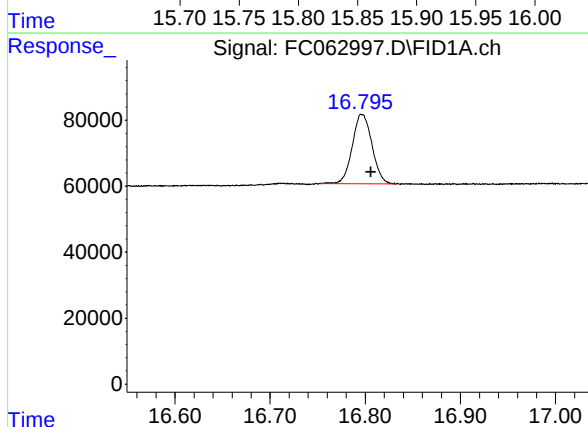
#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: -0.009 min
Response: 304542
Conc: 2.75 ug/ml

Instrument : FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

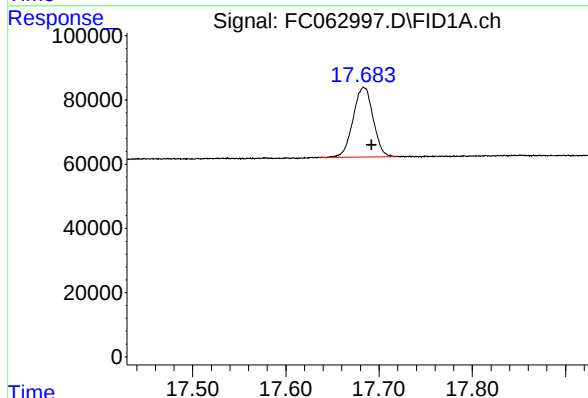
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2023
Supervised By :Ankita Jodhani 02/24/2023



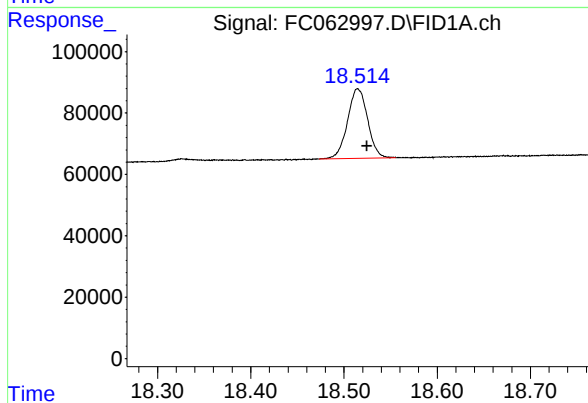
#16 n-Octacosane (C28)

R.T.: 16.797 min
Delta R.T.: -0.009 min
Response: 304011
Conc: 2.76 ug/ml



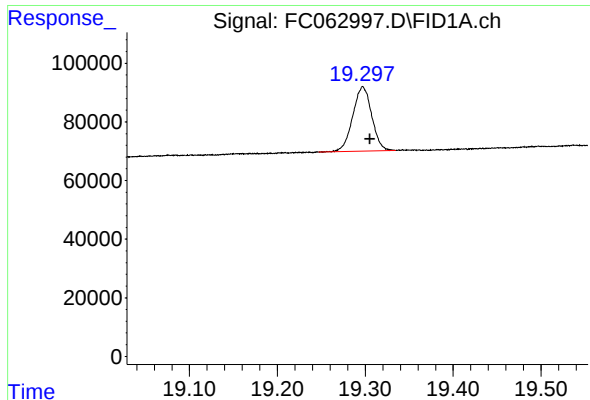
#17 n-Tricontane (C30)

R.T.: 17.684 min
Delta R.T.: -0.008 min
Response: 322673
Conc: 2.93 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.515 min
Delta R.T.: -0.010 min
Response: 336885
Conc: 3.02 ug/ml



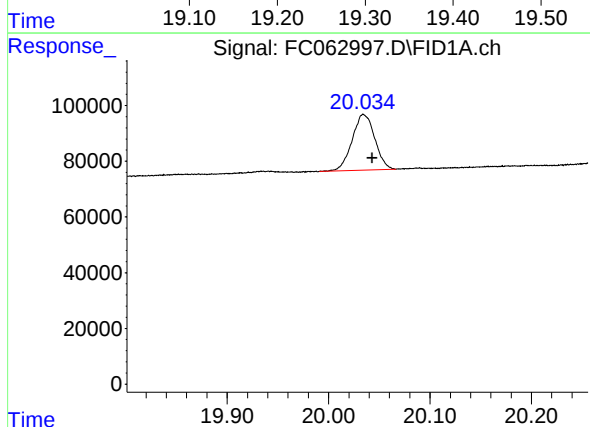
#19 n-Tetratriacontane (C34)

R.T.: 19.297 min
Delta R.T.: -0.008 min
Response: 328480
Conc: 2.94 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

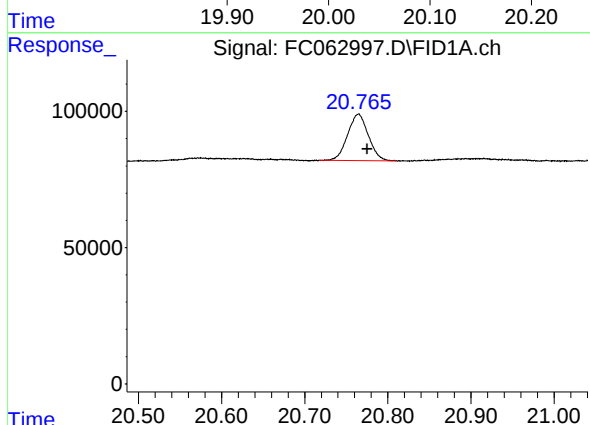
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2023
Supervised By :Ankita Jodhani 02/24/2023



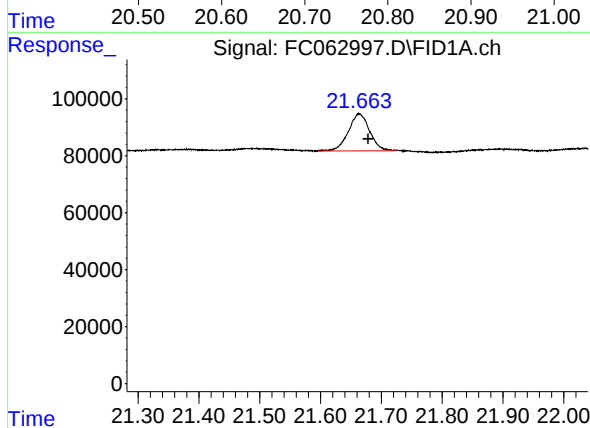
#20 n-Hexatriacontane (C36)

R.T.: 20.034 min
Delta R.T.: -0.009 min
Response: 309421
Conc: 2.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.765 min
Delta R.T.: -0.011 min
Response: 296129
Conc: 2.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.663 min
Delta R.T.: -0.016 min
Response: 314773
Conc: 2.89 ug/ml m