

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061022AL\
 Data File : FC060185.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jun 2022 11:01
 Operator : UA/NP
 Sample : N1645-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2022
 Supervised By :Ankita Jodhani 06/13/2022

Integration File: autoint1.e
 Quant Time: Jun 10 23:04:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.016	4428075	35.714 ug/ml
Spiked Amount 50.000		Recovery =	71.43%
Target Compounds			
1) T n-Nonane (C9)	2.641	156249	1.221 ug/ml
2) T n-Decane (C10)	3.639	210210	1.643 ug/ml
4) T n-Dodecane (C12)	5.585	358589	2.690 ug/ml
6) T n-Tetradecane (C14)	7.334	317915	2.329 ug/ml
7) T n-Hexadecane (C16)	8.895	314751	2.243 ug/ml
8) T n-Octadecane (C18)	10.301	336761	2.353 ug/ml
10) T n-Eicosane (C20)	11.579	351023	2.460 ug/ml
11) T n-Heneicosane (C21)	12.178	353933	2.469 ug/ml
13) T n-Docosane (C22)	12.749	357880	2.511 ug/ml
14) T n-Tetracosane (C24)	13.826	350178	2.495 ug/ml
15) T n-Hexacosane (C26)	14.824	333784	2.465 ug/ml
16) T n-Octacosane (C28)	15.751	332594	2.554 ug/ml
17) T n-Tricontane (C30)	16.616	346168	2.828 ug/mlm
18) T n-Dotriacontane (C32)	17.430	355045	3.184 ug/ml
19) T n-Tetratriacontane (C34)	18.195	295717	2.899 ug/ml
20) T n-Hexatriacontane (C36)	18.916	232998	2.460 ug/ml
21) T n-Octatriacontane (C38)	19.600	231355	2.508 ug/ml
22) T n-Tetracontane (C40)	20.248	219225	2.330 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061022AL\
Data File : FC060185.D
Signal(s) : FID1A.CH
Acq On : 10 Jun 2022 11:01
Operator : UA/NP
Sample : N1645-01
Misc : 2.5 PPM SOIL LOD
ALS Vial : 3 Sample Multiplier: 1

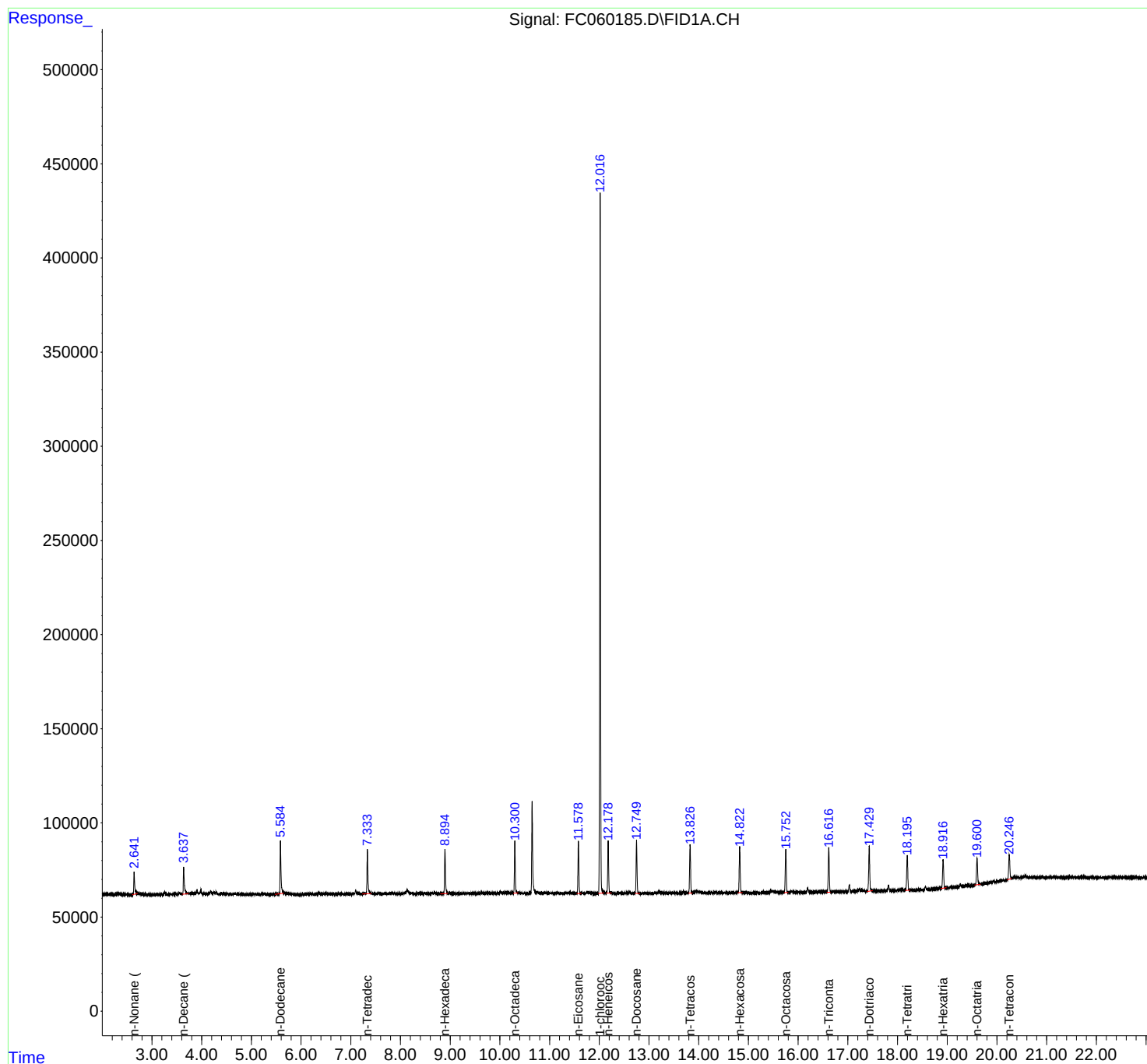
Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

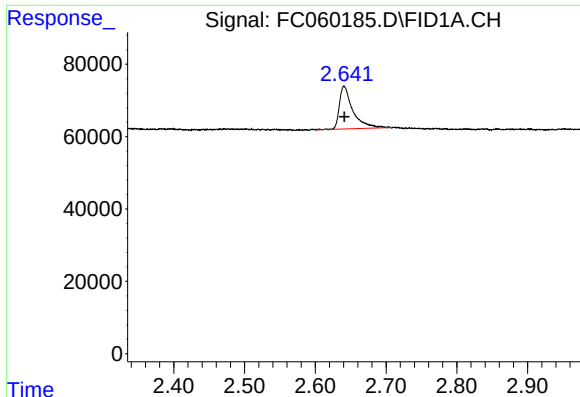
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022

Integration File: autoint1.e
Quant Time: Jun 10 23:04:08 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
Quant Title : GC Extractables
QLast Update : Sat May 28 08:22:04 2022
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





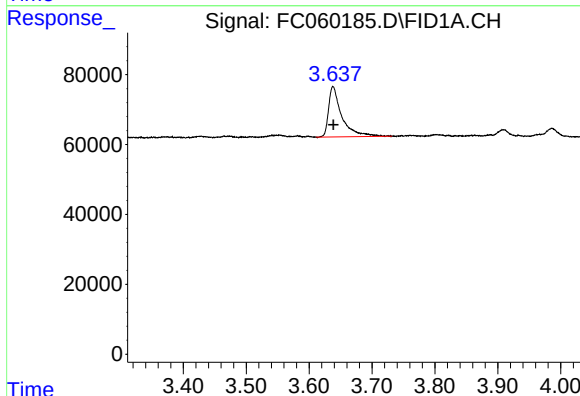
#1 n-Nonane (C9)

R.T.: 2.641 min
Delta R.T.: 0.000 min
Response: 156249
Conc: 1.22 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

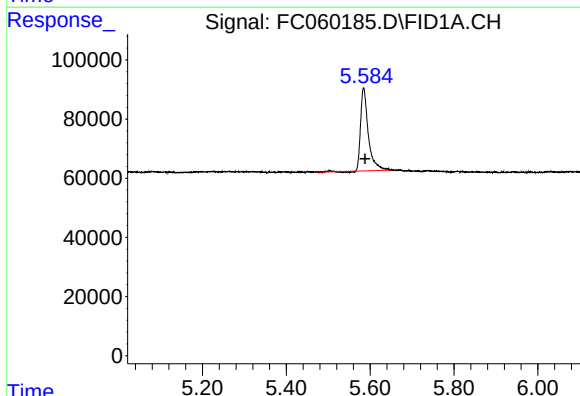
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022



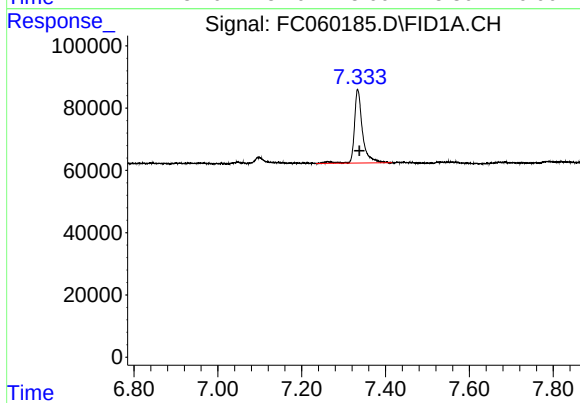
#2 n-Decane (C10)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 210210
Conc: 1.64 ug/ml



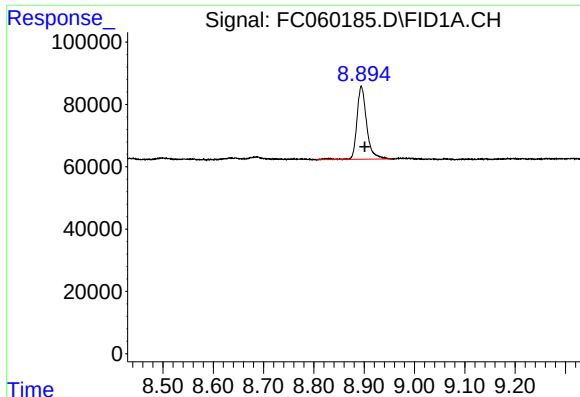
#4 n-Dodecane (C12)

R.T.: 5.585 min
Delta R.T.: -0.003 min
Response: 358589
Conc: 2.69 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.334 min
Delta R.T.: -0.003 min
Response: 317915
Conc: 2.33 ug/ml



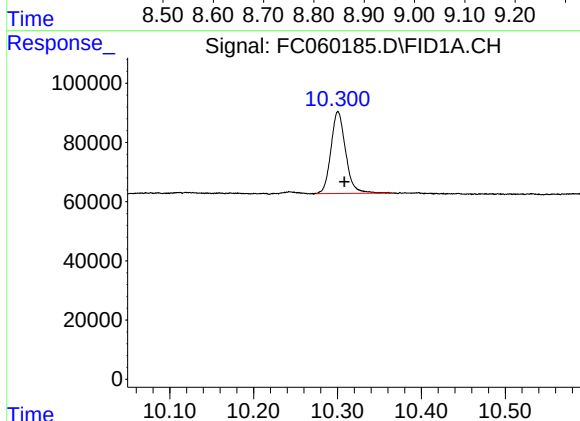
#7 n-Hexadecane (C16)

R.T.: 8.895 min
Delta R.T.: -0.007 min
Response: 314751
Conc: 2.24 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

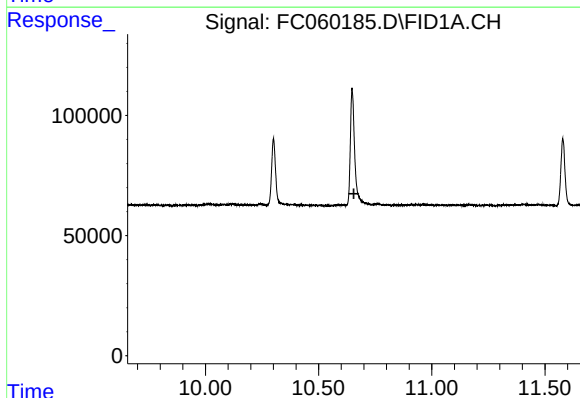
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022



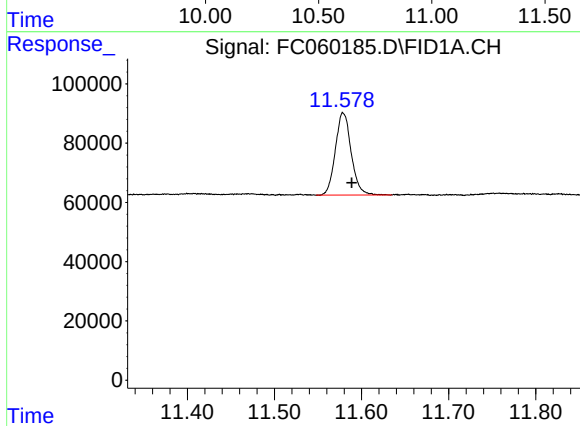
#8 n-Octadecane (C18)

R.T.: 10.301 min
Delta R.T.: -0.007 min
Response: 336761
Conc: 2.35 ug/ml



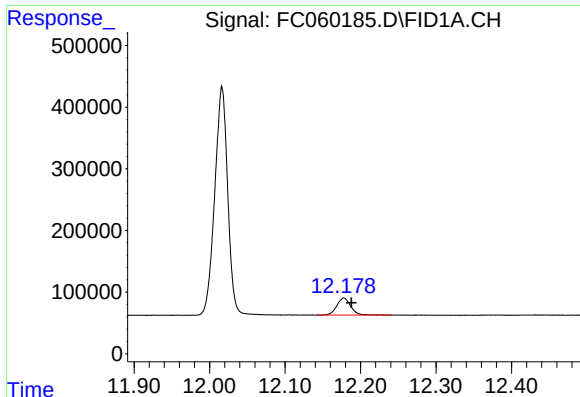
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 10.656 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.579 min
Delta R.T.: -0.010 min
Response: 351023
Conc: 2.46 ug/ml



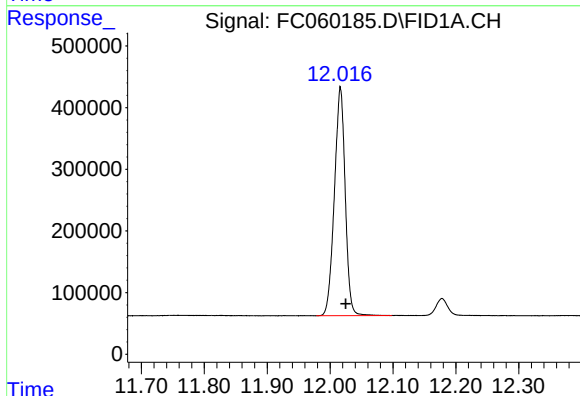
#11 n-Heneicosane (C21)

R.T.: 12.178 min
Delta R.T.: -0.010 min
Response: 353933
Conc: 2.47 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

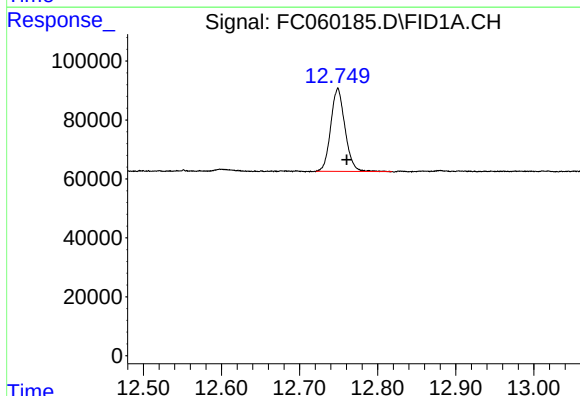
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022



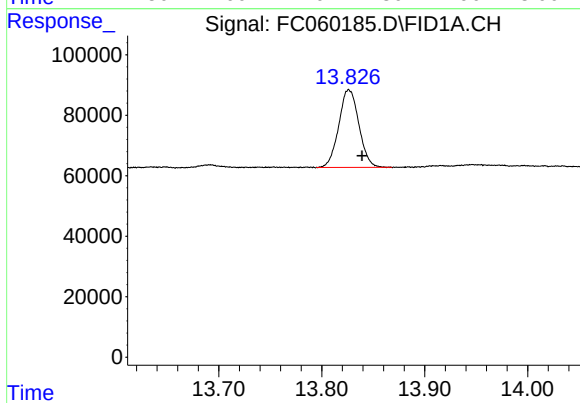
#12 1-chlorooctadecane (SURR)

R.T.: 12.016 min
Delta R.T.: -0.008 min
Response: 4428075
Conc: 35.71 ug/ml



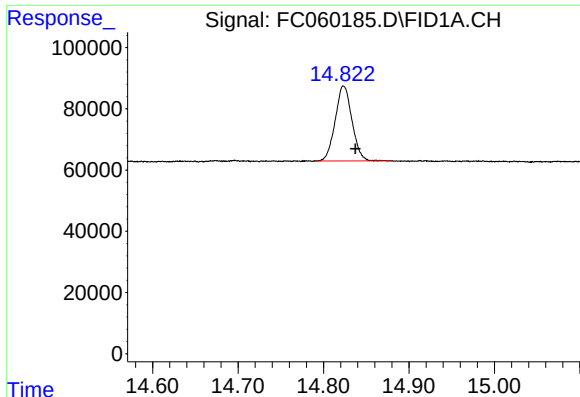
#13 n-Docosane (C22)

R.T.: 12.749 min
Delta R.T.: -0.012 min
Response: 357880
Conc: 2.51 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.826 min
Delta R.T.: -0.013 min
Response: 350178
Conc: 2.50 ug/ml



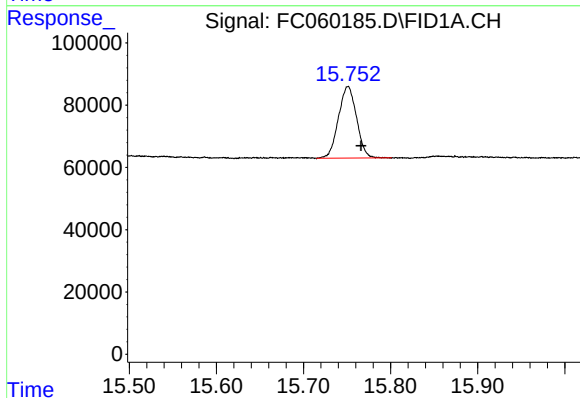
#15 n-Hexacosane (C26)

R.T.: 14.824 min
Delta R.T.: -0.014 min
Response: 333784
Conc: 2.46 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

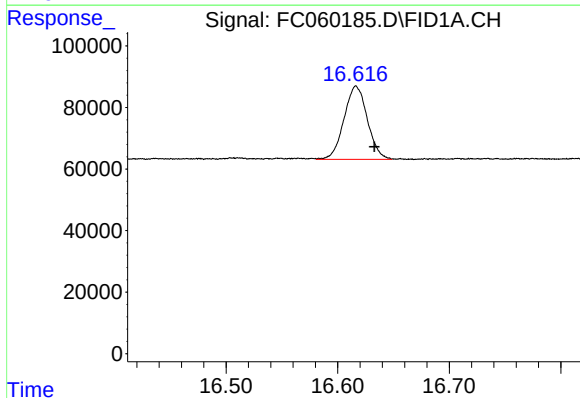
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022



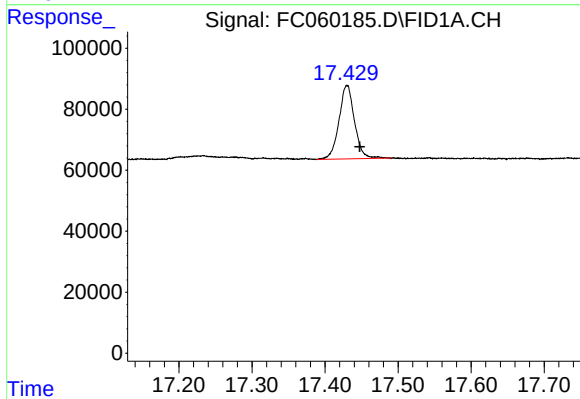
#16 n-Octacosane (C28)

R.T.: 15.751 min
Delta R.T.: -0.015 min
Response: 332594
Conc: 2.55 ug/ml



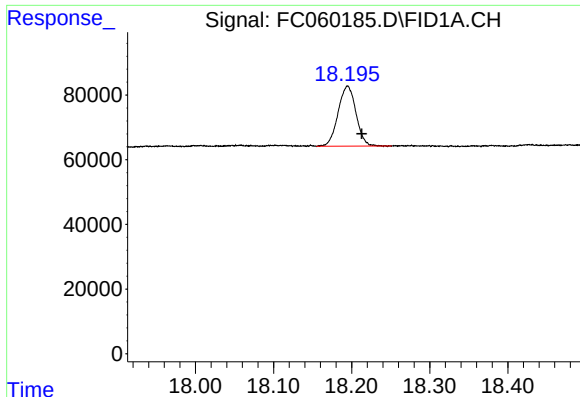
#17 n-Tricontane (C30)

R.T.: 16.616 min
Delta R.T.: -0.017 min
Response: 346168
Conc: 2.83 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.430 min
Delta R.T.: -0.017 min
Response: 355045
Conc: 3.18 ug/ml



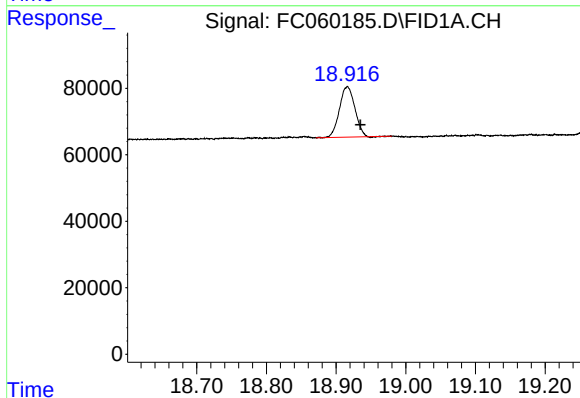
#19 n-Tetratriacontane (C34)

R.T.: 18.195 min
Delta R.T.: -0.018 min
Response: 295717
Conc: 2.90 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

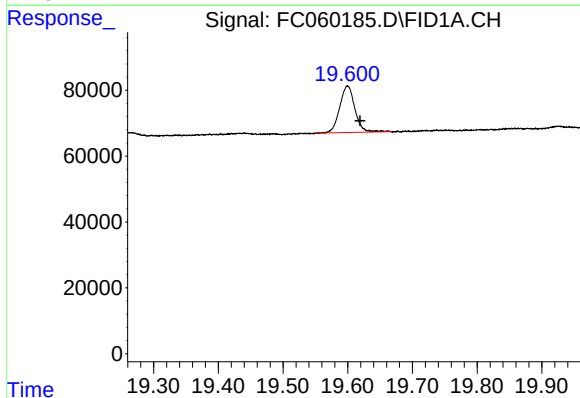
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022



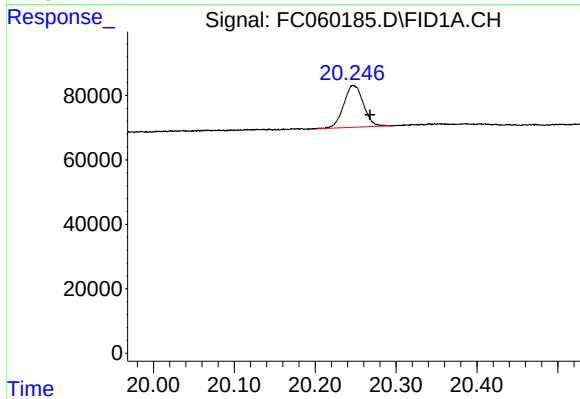
#20 n-Hexatriacontane (C36)

R.T.: 18.916 min
Delta R.T.: -0.019 min
Response: 232998
Conc: 2.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.600 min
Delta R.T.: -0.019 min
Response: 231355
Conc: 2.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.248 min
Delta R.T.: -0.020 min
Response: 219225
Conc: 2.33 ug/ml