

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051021AL\
 Data File : FC053620.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2021 11:09
 Operator : DD\AJ
 Sample : M2262-01
 Misc : LOD-SOIL-2.5 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
 APPROVED

Ankita
 5/11/2021 2:18:15 PM

Integration File: autoint1.e
 Quant Time: May 10 14:30:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 2021
 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...	12.973	4564879	40.928 ug/ml
Spiked Amount 50.000		Recovery =	81.86%
Target Compounds			
1) T n-Nonane (C9)	3.289	169739	1.437 ug/mlm
2) T n-Decane (C10)	4.353	209351	1.768 ug/mlm
4) T n-Dodecane (C12)	6.371	433145	3.580 ug/ml
6) T n-Tetradecane (C14)	8.169	302415	2.483 ug/ml
7) T n-Hexadecane (C16)	9.771	280780	2.293 ug/ml
8) T n-Octadecane (C18)	11.214	333007	2.557 ug/ml
10) T n-Eicosane (C20)	12.526	352143	2.660 ug/ml
11) T n-Heneicosane (C21)	13.137	360069	2.711 ug/ml
13) T n-Docosane (C22)	13.725	363108	2.730 ug/ml
14) T n-Tetracosane (C24)	14.828	349391	2.617 ug/ml
15) T n-Hexacosane (C26)	15.851	351743	2.660 ug/ml
16) T n-Octacosane (C28)	16.802	334496	2.555 ug/ml
17) T n-Tricontane (C30)	17.689	341036	2.615 ug/mlm
18) T n-Dotriacontane (C32)	18.525	328745	2.605 ug/mlm
19) T n-Tetratriacontane (C34)	19.310	317871	2.609 ug/ml
20) T n-Hexatriacontane (C36)	20.050	308212	2.636 ug/mlm
21) T n-Octatriacontane (C38)	20.779	296903	2.886 ug/mlm
22) T n-Tetracontane (C40)	21.673	306169	3.073 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051021AL\
Data File : FC053620.D
Signal(s) : FID1A.CH
Acq On : 10 May 2021 11:09
Operator : DD\AJ
Sample : M2262-01
Misc : LOD-SOIL-2.5 PPM
ALS Vial : 4 Sample Multiplier: 1

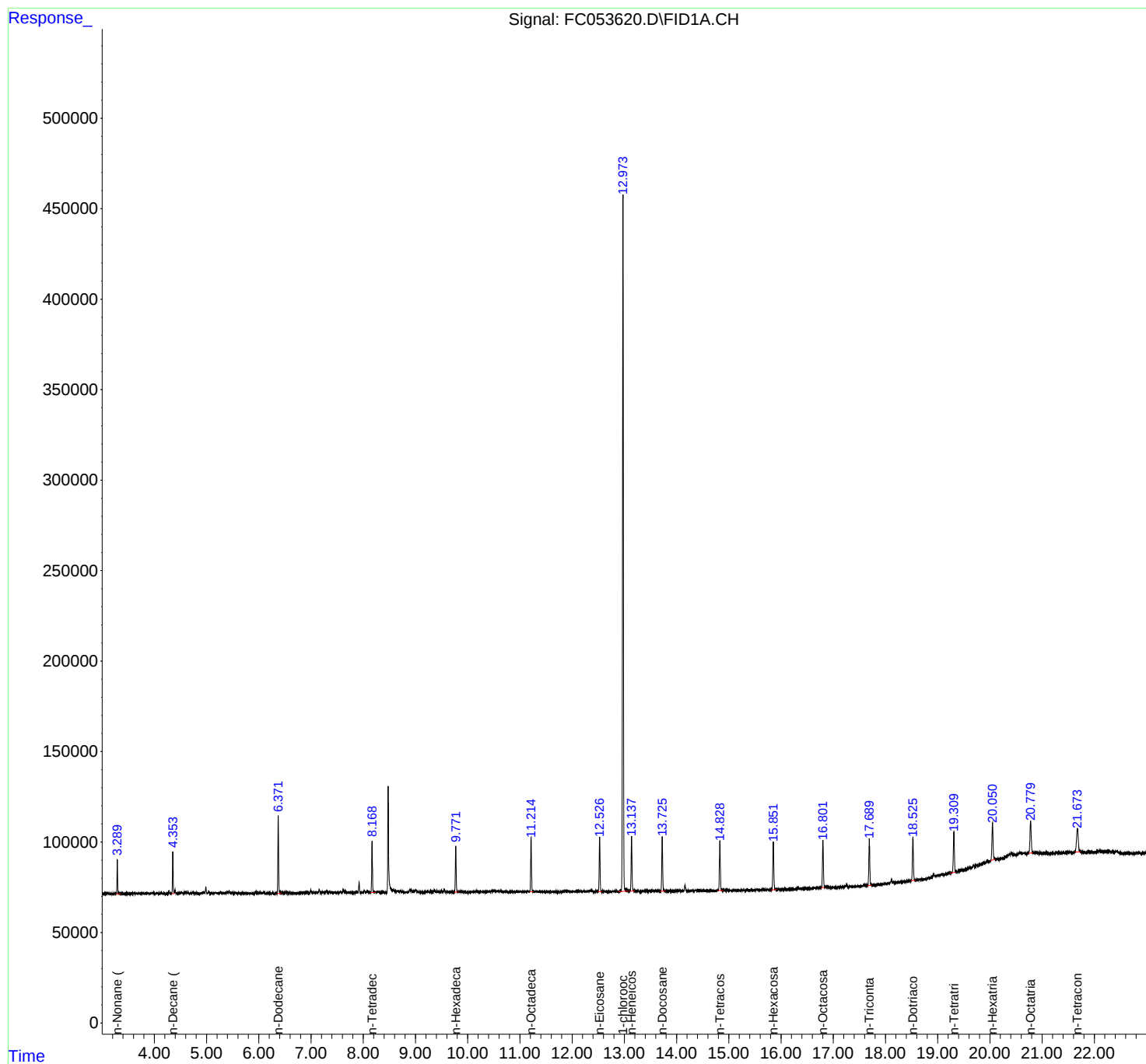
Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

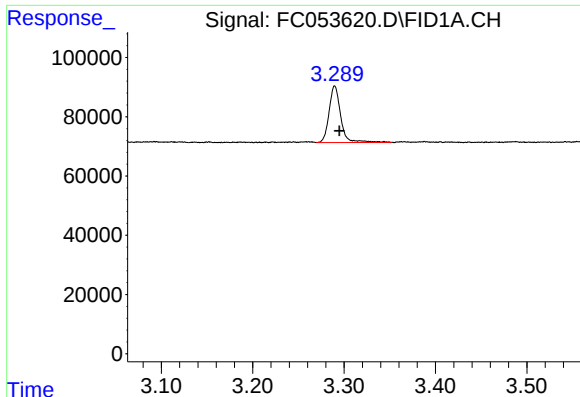
Manual Integrations
APPROVED

Ankita
5/11/2021 2:18:15 PM

Integration File: autoint1.e
Quant Time: May 10 14:30:58 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
Quant Title : GC Extractables
QLast Update : Tue May 04 11:44:19 2021
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





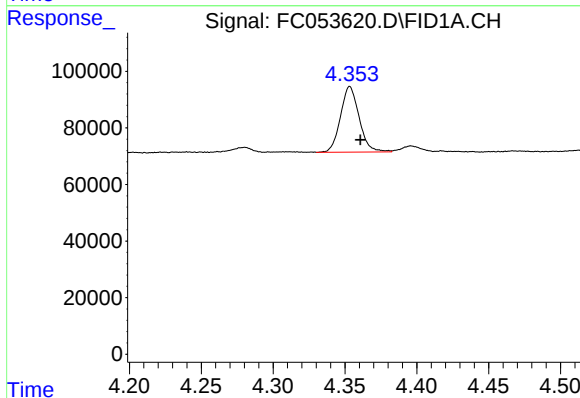
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 169739
Conc: 1.44 ug/ml m

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

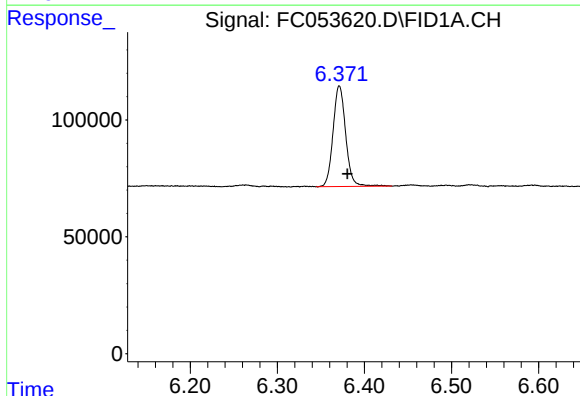
Manual Integrations
APPROVED

Ankita
5/11/2021 2:18:15 PM



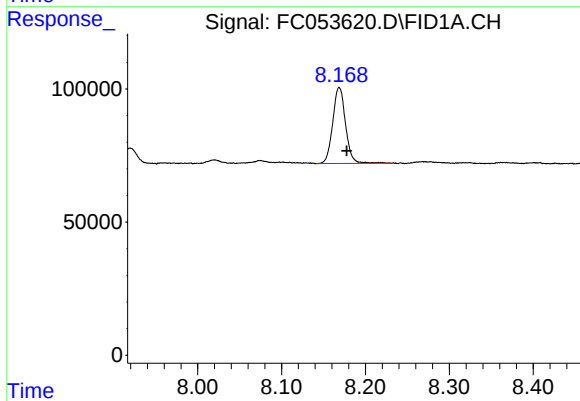
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: -0.008 min
Response: 209351
Conc: 1.77 ug/ml m



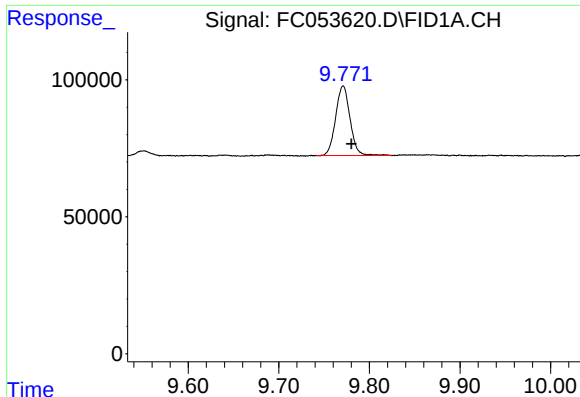
#4 n-Dodecane (C12)

R.T.: 6.371 min
Delta R.T.: -0.009 min
Response: 433145
Conc: 3.58 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.009 min
Response: 302415
Conc: 2.48 ug/ml



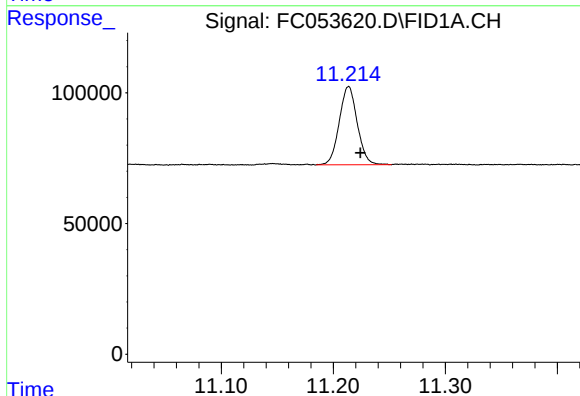
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.009 min
Response: 280780
Conc: 2.29 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

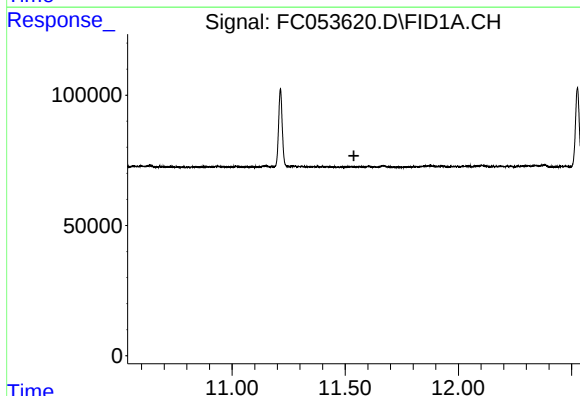
Manual Integrations
APPROVED

Ankita
5/11/2021 2:18:15 PM



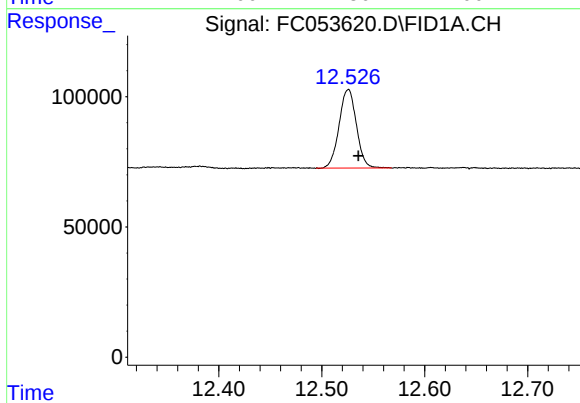
#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.010 min
Response: 333007
Conc: 2.56 ug/ml



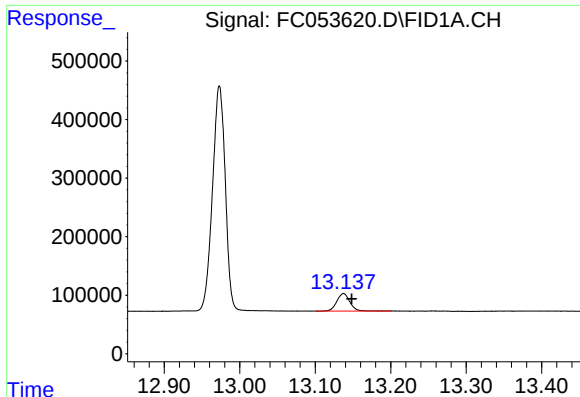
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.538 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.010 min
Response: 352143
Conc: 2.66 ug/ml



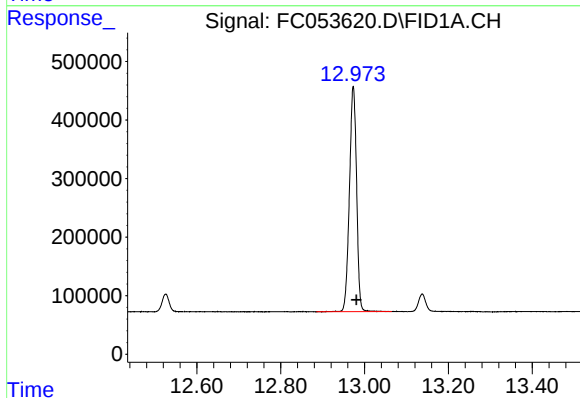
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: -0.011 min
Response: 360069
Conc: 2.71 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

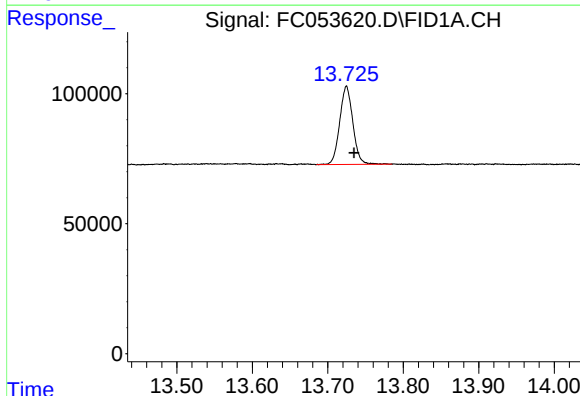
Manual Integrations
APPROVED

Ankita
5/11/2021 2:18:15 PM



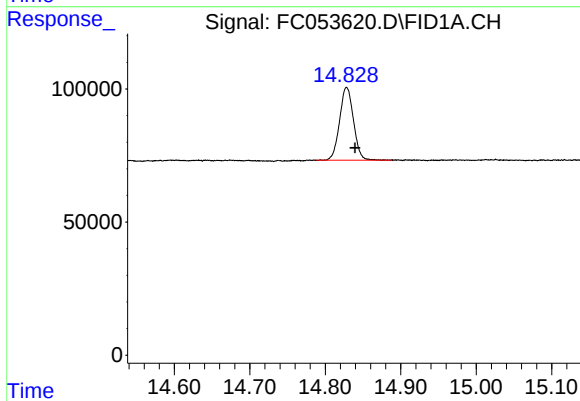
#12 1-chlorooctadecane (SURR)

R.T.: 12.973 min
Delta R.T.: -0.007 min
Response: 4564879
Conc: 40.93 ug/ml



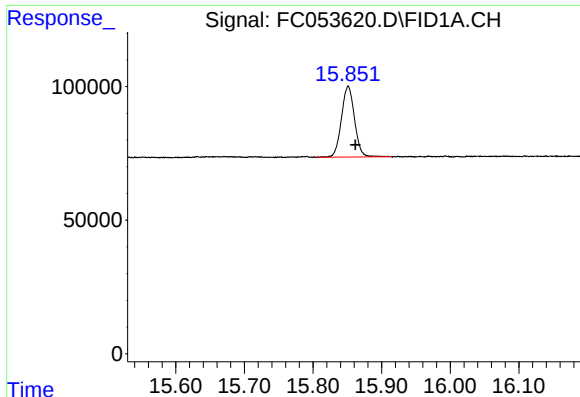
#13 n-Docosane (C22)

R.T.: 13.725 min
Delta R.T.: -0.010 min
Response: 363108
Conc: 2.73 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: -0.011 min
Response: 349391
Conc: 2.62 ug/ml



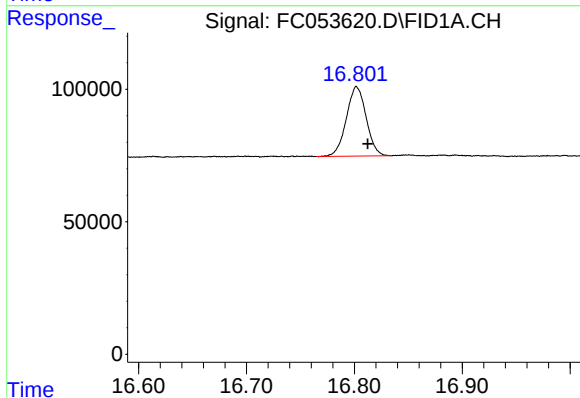
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: -0.011 min
Response: 351743
Conc: 2.66 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

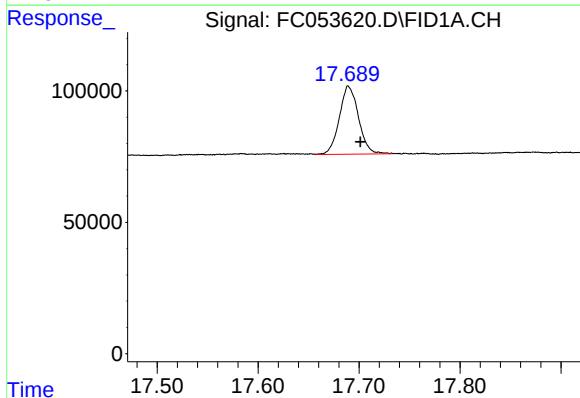
Manual Integrations
APPROVED

Ankita
5/11/2021 2:18:15 PM



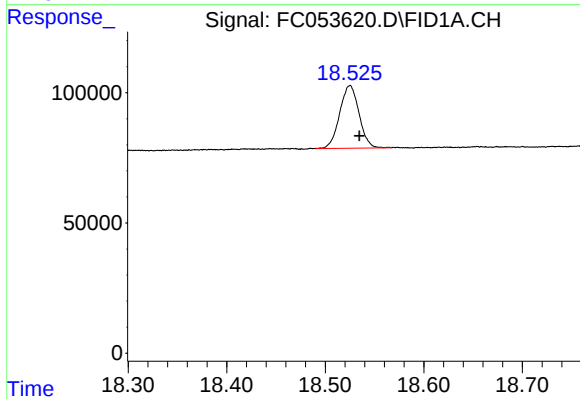
#16 n-Octacosane (C28)

R.T.: 16.802 min
Delta R.T.: -0.010 min
Response: 334496
Conc: 2.56 ug/ml



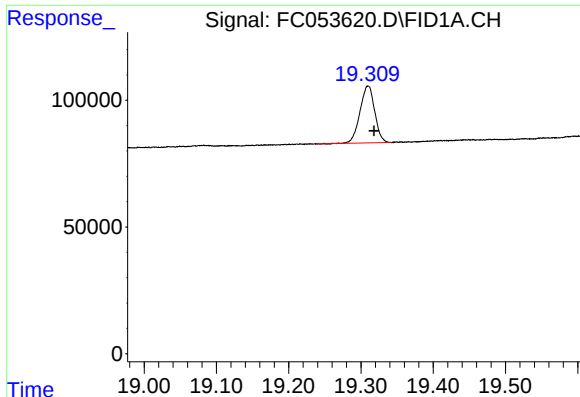
#17 n-Tricontane (C30)

R.T.: 17.689 min
Delta R.T.: -0.013 min
Response: 341036
Conc: 2.61 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.525 min
Delta R.T.: -0.010 min
Response: 328745
Conc: 2.61 ug/ml m



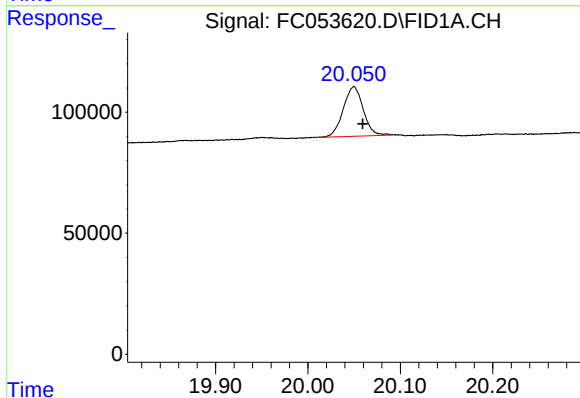
#19 n-Tetratriacontane (C34)

R.T.: 19.310 min
Delta R.T.: -0.008 min
Response: 317871
Conc: 2.61 ug/ml

Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

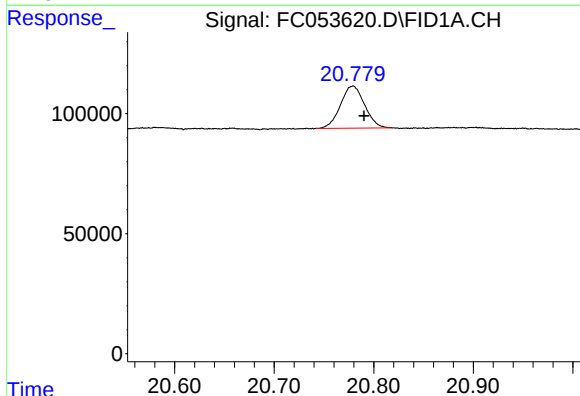
Manual Integrations
APPROVED

Ankita
5/11/2021 2:18:15 PM



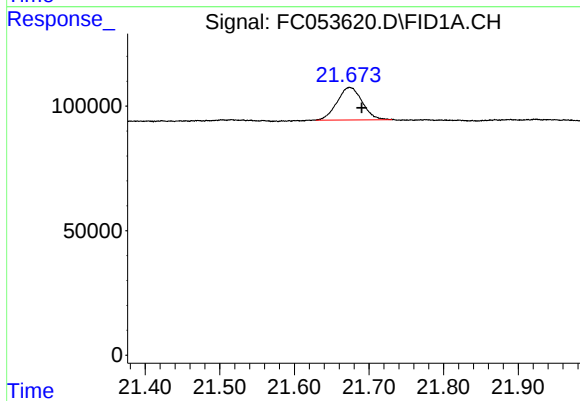
#20 n-Hexatriacontane (C36)

R.T.: 20.050 min
Delta R.T.: -0.010 min
Response: 308212
Conc: 2.64 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.779 min
Delta R.T.: -0.011 min
Response: 296903
Conc: 2.89 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.673 min
Delta R.T.: -0.017 min
Response: 306169
Conc: 3.07 ug/ml m