

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051021AL\
 Data File : FC053621.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2021 11:47
 Operator : DD\AJ
 Sample : M2262-01
 Misc : LOD-SOIL- 4 PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Ankita
 5/11/2021 2:18:19 PM

Integration File: autoint1.e
 Quant Time: May 10 14:32:06 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...	12.972	3626437	32.514 ug/ml
Spiked Amount 50.000		Recovery =	65.03%
Target Compounds			
1) T n-Nonane (C9)	3.290	215947	1.828 ug/ml
2) T n-Decane (C10)	4.354	276387	2.334 ug/ml
4) T n-Dodecane (C12)	6.372	478317	3.953 ug/ml
6) T n-Tetradecane (C14)	8.169	372185	3.055 ug/ml
7) T n-Hexadecane (C16)	9.771	377370	3.081 ug/ml
8) T n-Octadecane (C18)	11.214	461316	3.542 ug/ml
10) T n-Eicosane (C20)	12.525	475207	3.590 ug/ml
11) T n-Heneicosane (C21)	13.138	484606	3.649 ug/ml
13) T n-Docosane (C22)	13.724	480915	3.616 ug/ml
14) T n-Tetracosane (C24)	14.828	469390	3.516 ug/ml
15) T n-Hexacosane (C26)	15.851	460757	3.485 ug/ml
16) T n-Octacosane (C28)	16.801	442241	3.378 ug/ml
17) T n-Tricontane (C30)	17.689	437129	3.351 ug/mlm
18) T n-Dotriacontane (C32)	18.523	418435	3.316 ug/ml
19) T n-Tetratriacontane (C34)	19.306	411178	3.375 ug/mlm
20) T n-Hexatriacontane (C36)	20.048	395973	3.387 ug/ml
21) T n-Octatriacontane (C38)	20.778	397780	3.867 ug/ml
22) T n-Tetracontane (C40)	21.672	406593	4.080 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051021AL\
Data File : FC053621.D
Signal(s) : FID1A.CH
Acq On : 10 May 2021 11:47
Operator : DD\AJ
Sample : M2262-01
Misc : LOD-SOIL- 4 PPM
ALS Vial : 5 Sample Multiplier: 1

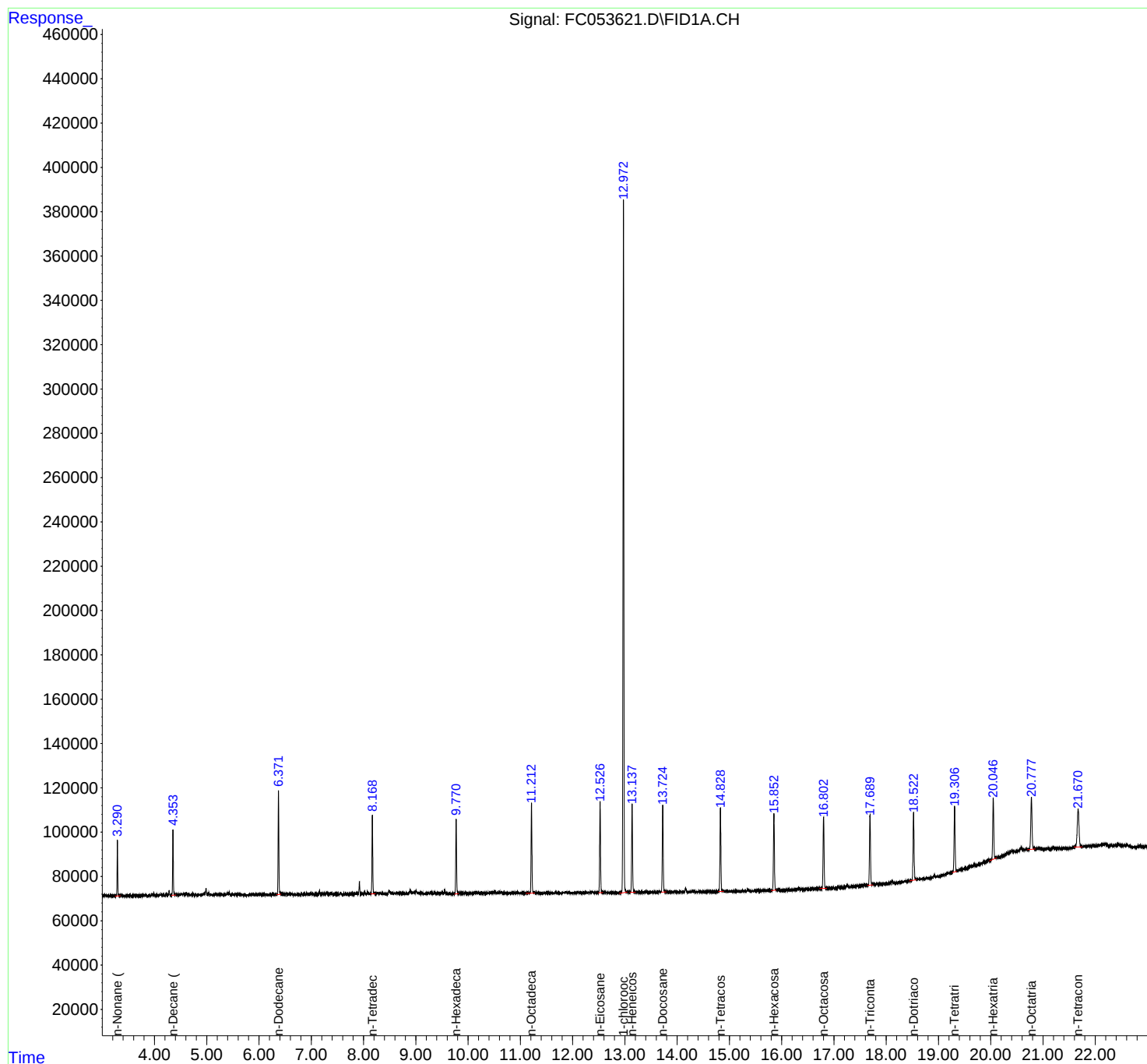
Instrument :
FID_C
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

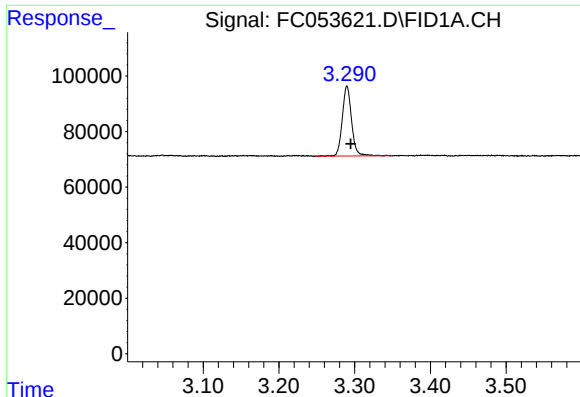
Manual Integrations
APPROVED

Ankita
5/11/2021 2:18:19 PM

Integration File: autoint1.e
Quant Time: May 10 14:32:06 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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





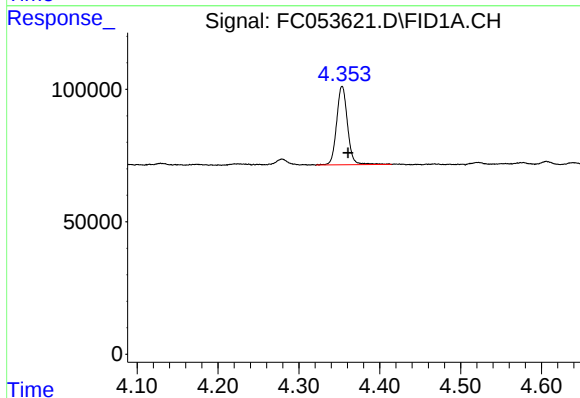
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.005 min
Response: 215947
Conc: 1.83 ug/ml

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

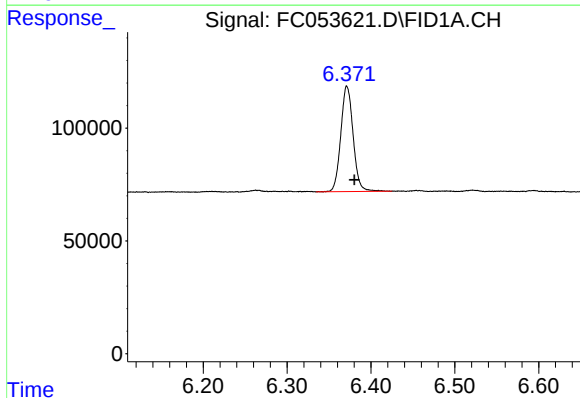
Manual Integrations
APPROVED

Ankita
5/11/2021 2:18:19 PM



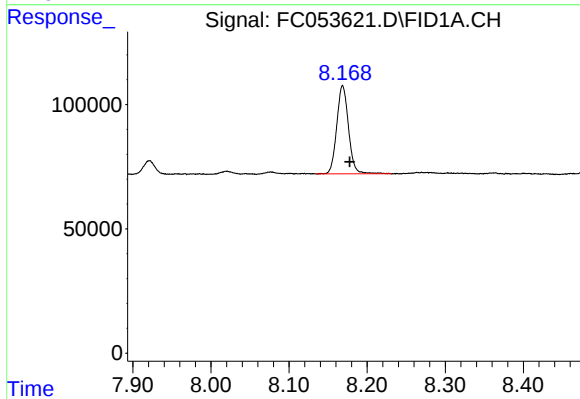
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: -0.007 min
Response: 276387
Conc: 2.33 ug/ml



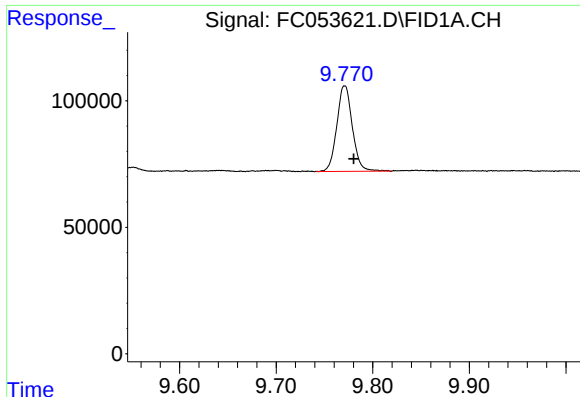
#4 n-Dodecane (C12)

R.T.: 6.372 min
Delta R.T.: -0.009 min
Response: 478317
Conc: 3.95 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.009 min
Response: 372185
Conc: 3.06 ug/ml



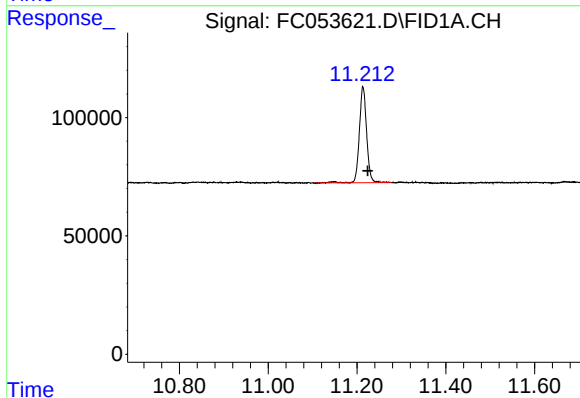
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.009 min
Response: 377370
Conc: 3.08 ug/ml

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

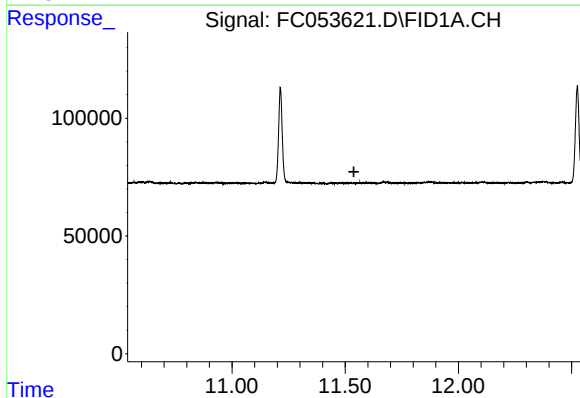
Manual Integrations
APPROVED

Ankita
5/11/2021 2:18:19 PM



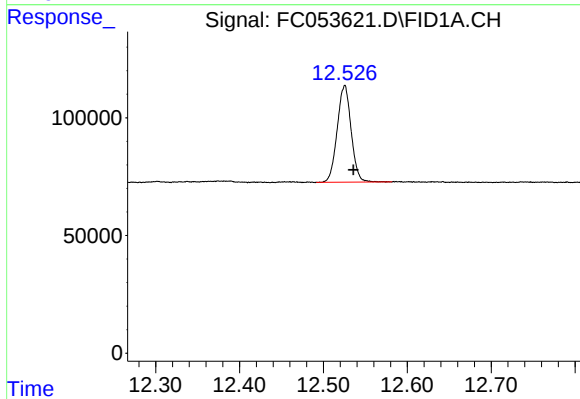
#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.010 min
Response: 461316
Conc: 3.54 ug/ml



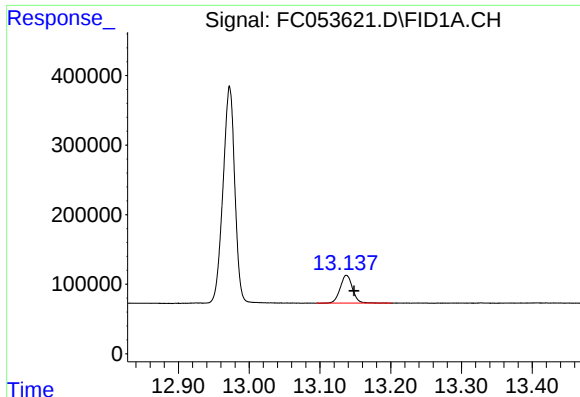
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: -0.011 min
Response: 475207
Conc: 3.59 ug/ml



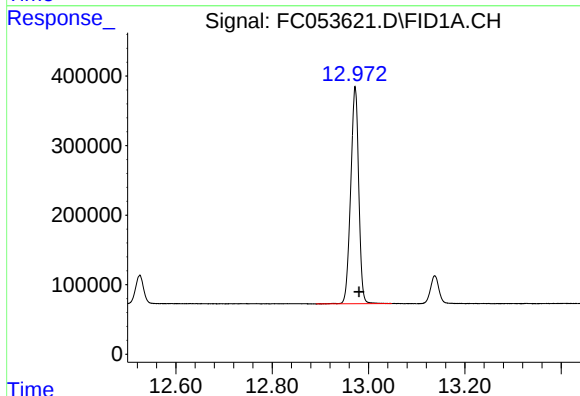
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.011 min
Response: 484606
Conc: 3.65 ug/ml

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

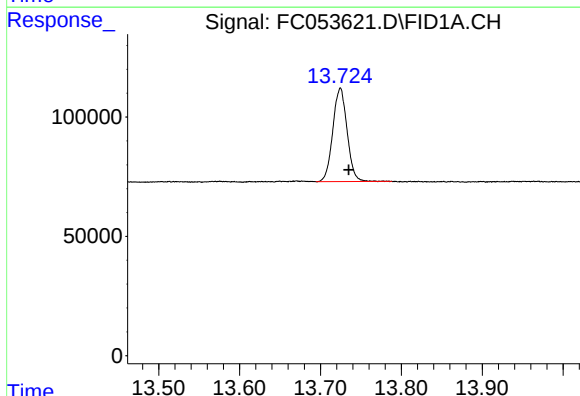
Manual Integrations
APPROVED

Ankita
5/11/2021 2:18:19 PM



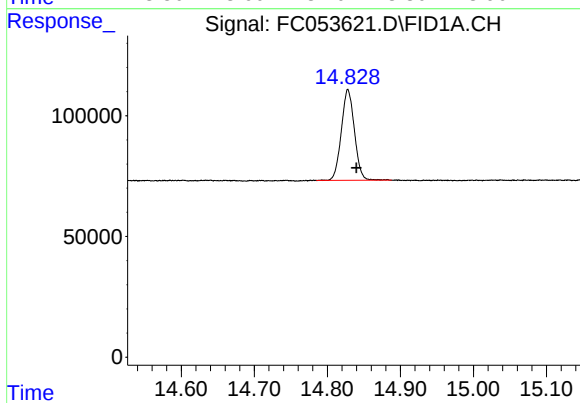
#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.008 min
Response: 3626437
Conc: 32.51 ug/ml



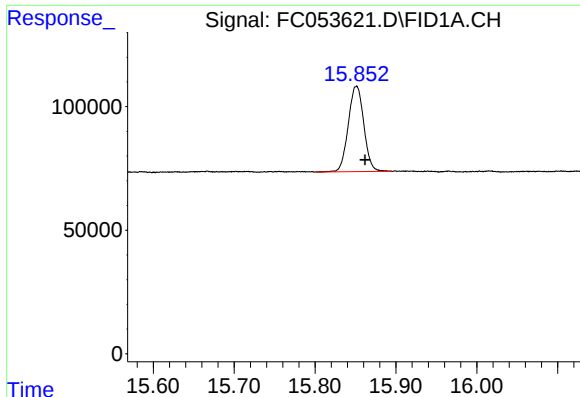
#13 n-Docosane (C22)

R.T.: 13.724 min
Delta R.T.: -0.011 min
Response: 480915
Conc: 3.62 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: -0.011 min
Response: 469390
Conc: 3.52 ug/ml



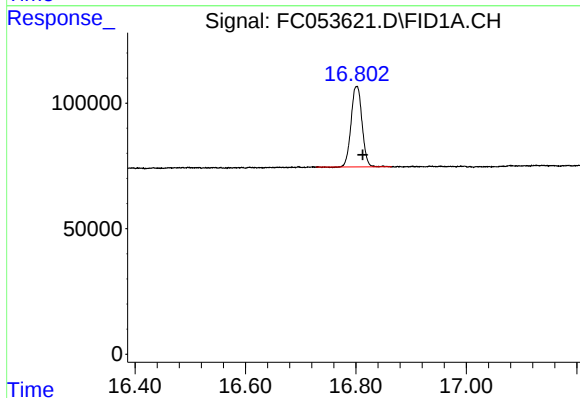
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: -0.011 min
Response: 460757
Conc: 3.48 ug/ml

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

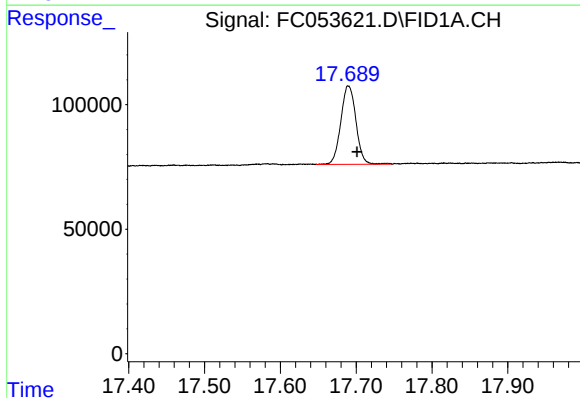
Manual Integrations
APPROVED

Ankita
5/11/2021 2:18:19 PM



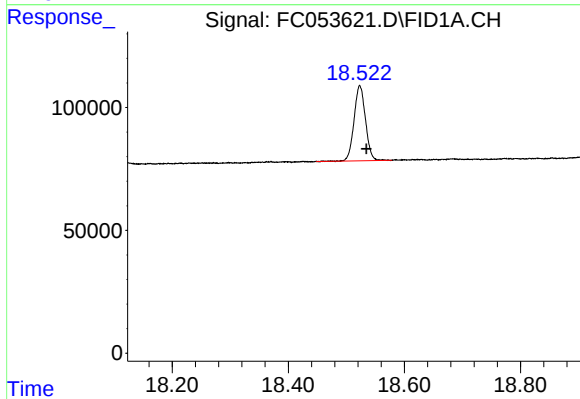
#16 n-Octacosane (C28)

R.T.: 16.801 min
Delta R.T.: -0.011 min
Response: 442241
Conc: 3.38 ug/ml



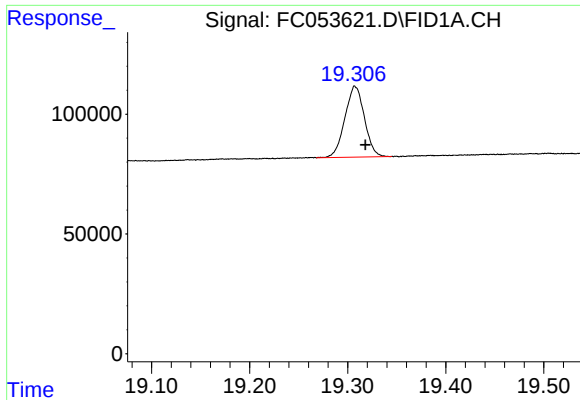
#17 n-Tricontane (C30)

R.T.: 17.689 min
Delta R.T.: -0.012 min
Response: 437129
Conc: 3.35 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.523 min
Delta R.T.: -0.011 min
Response: 418435
Conc: 3.32 ug/ml



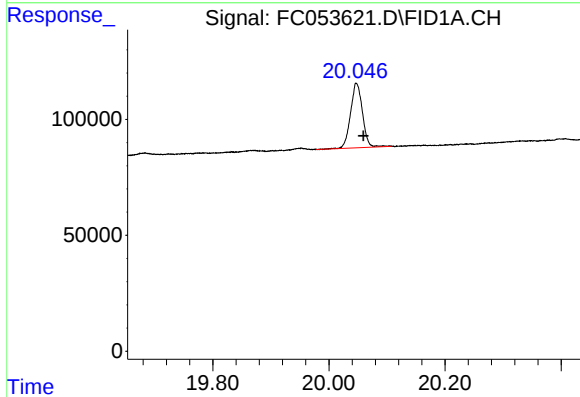
#19 n-Tetratriacontane (C34)

R.T.: 19.306 min
Delta R.T.: -0.012 min
Response: 411178
Conc: 3.37 ug/ml m

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

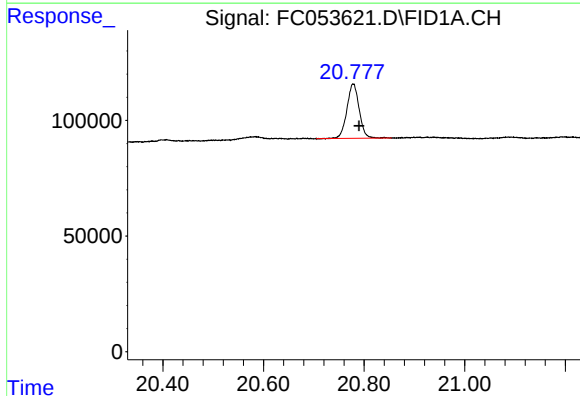
Manual Integrations
APPROVED

Ankita
5/11/2021 2:18:19 PM



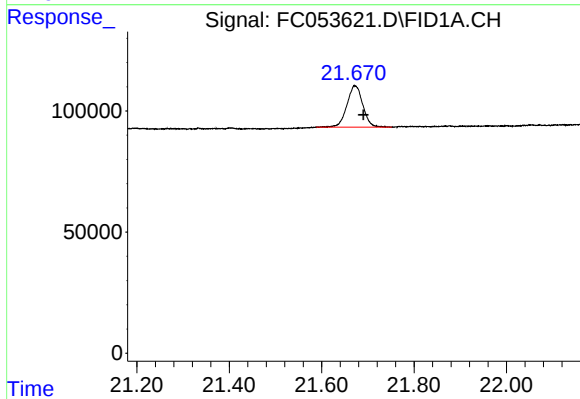
#20 n-Hexatriacontane (C36)

R.T.: 20.048 min
Delta R.T.: -0.012 min
Response: 395973
Conc: 3.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.778 min
Delta R.T.: -0.012 min
Response: 397780
Conc: 3.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.672 min
Delta R.T.: -0.018 min
Response: 406593
Conc: 4.08 ug/ml