

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080224AL\
 Data File : FG014034.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2024 11:34
 Operator : YP\AJ
 Sample : P3390-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File: autoint1.e
 Quant Time: Aug 03 00:56:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 04:02:26 2024
 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...	13.288	3776502	37.369 ug/ml
Spiked Amount 50.000		Recovery =	74.74%
Target Compounds			
1) T n-Nonane (C9)	3.217	282946	2.171 ug/ml
2) T n-Decane (C10)	4.468	338326	2.548 ug/ml
4) T n-Dodecane (C12)	6.639	485147	3.660 ug/ml
6) T n-Tetradecane (C14)	8.471	477904	3.683 ug/ml
7) T n-Hexadecane (C16)	10.082	405850	3.084 ug/ml
8) T n-Octadecane (C18)	11.528	428616	3.269 ug/ml
10) T n-Eicosane (C20)	12.841	437486	3.526 ug/ml
11) T n-Heneicosane (C21)	13.454	393454	3.243 ug/ml
13) T n-Docosane (C22)	14.042	413353	3.444 ug/ml
14) T n-Tetracosane (C24)	15.148	407183	3.435 ug/ml
15) T n-Hexacosane (C26)	16.172	409304	3.520 ug/ml
16) T n-Octacosane (C28)	17.124	406445	3.567 ug/ml
17) T n-Tricontane (C30)	18.014	455620	3.932 ug/ml
18) T n-Dotriacontane (C32)	18.848	486820	4.251 ug/mlm
19) T n-Tetratriacontane (C34)	19.633	446376	3.934 ug/ml
20) T n-Hexatriacontane (C36)	20.376	402616	3.596 ug/ml
21) T n-Octatriacontane (C38)	21.110	385075	3.328 ug/ml
22) T n-Tetracontane (C40)	22.006	352430	3.029 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080224AL\
Data File : FG014034.D
Signal(s) : FID1A.ch
Acq On : 02 Aug 2024 11:34
Operator : YP\AJ
Sample : P3390-01
Misc : 4 PPM SOIL LOD
ALS Vial : 15 Sample Multiplier: 1

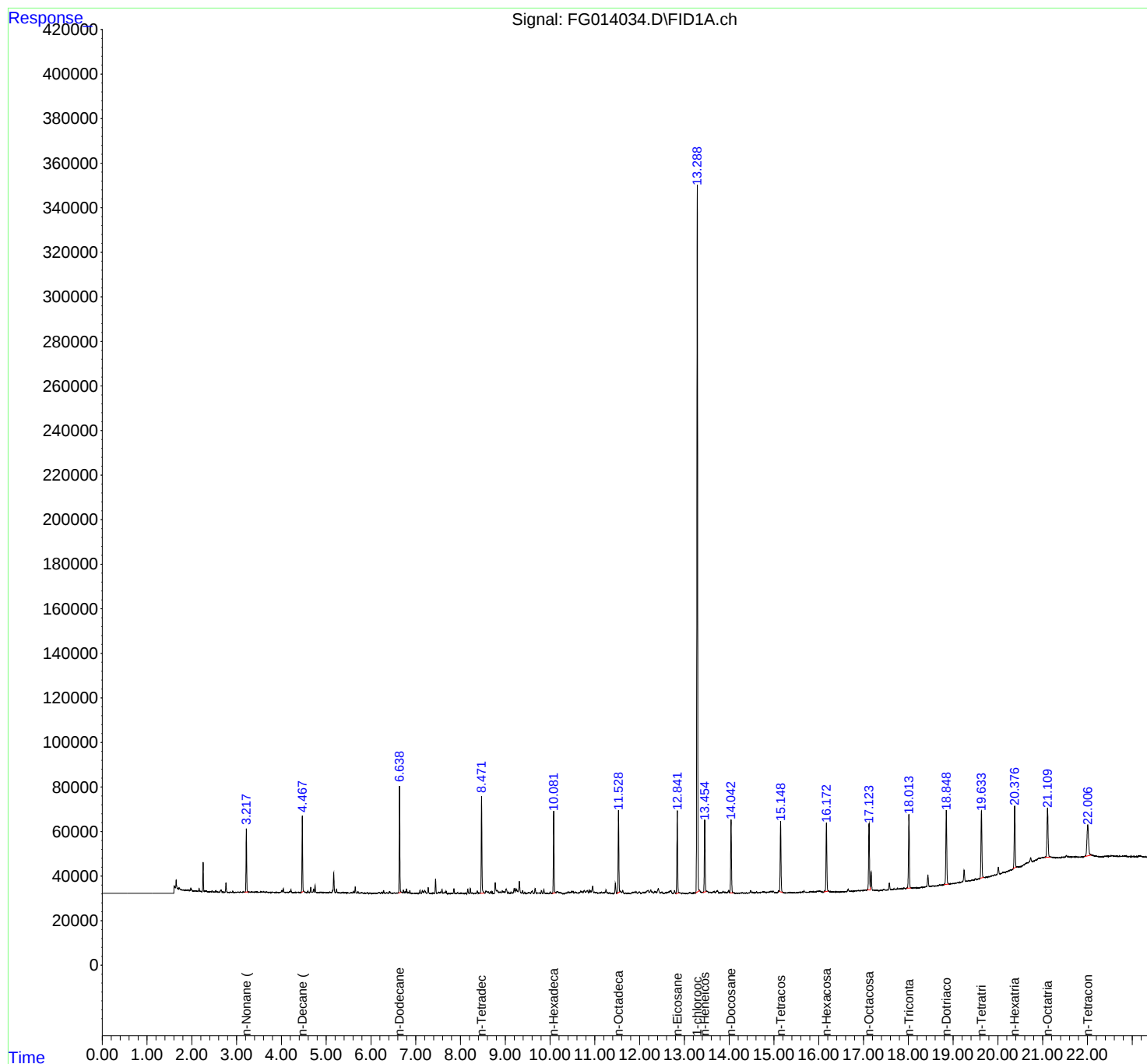
Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

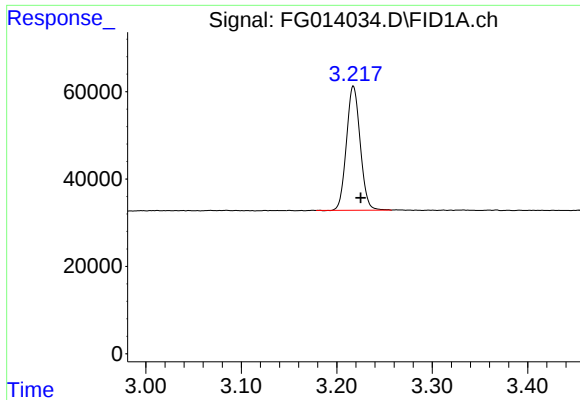
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024

Integration File: autoint1.e
Quant Time: Aug 03 00:56:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
Quant Title : GC Extractables
QLast Update : Tue Jul 30 04:02:26 2024
Response via : Initial Calibration
Integrator: ChemStation

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





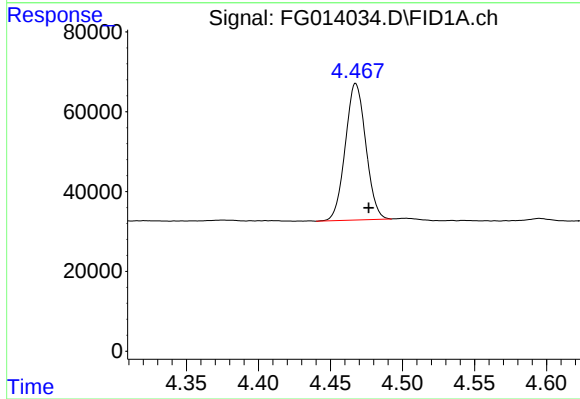
#1 n-Nonane (C9)

R.T.: 3.217 min
Delta R.T.: -0.008 min
Response: 282946
Conc: 2.17 ug/ml

Instrument : FID_G
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

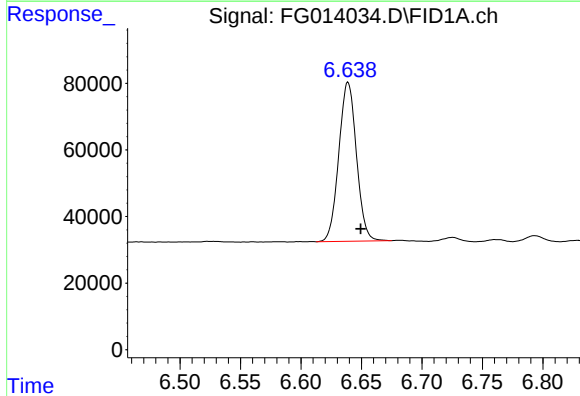
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



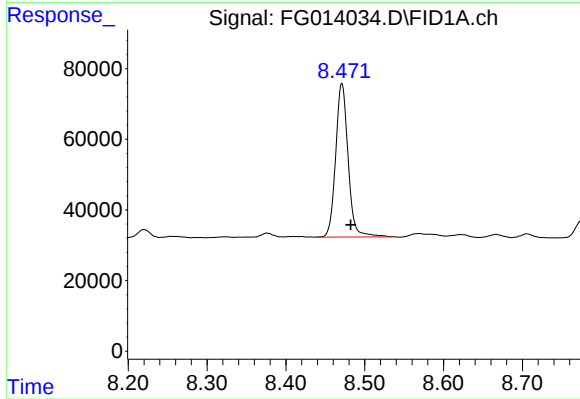
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.009 min
Response: 338326
Conc: 2.55 ug/ml



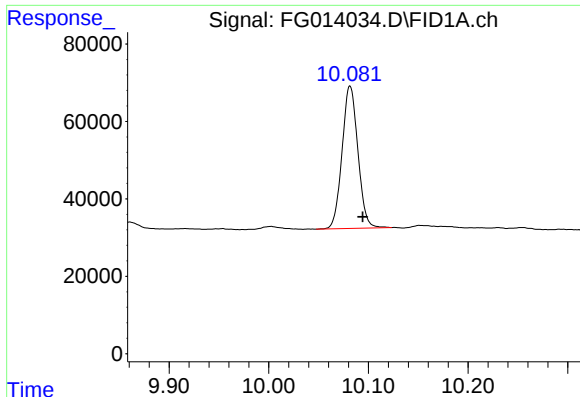
#4 n-Dodecane (C12)

R.T.: 6.639 min
Delta R.T.: -0.010 min
Response: 485147
Conc: 3.66 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.011 min
Response: 477904
Conc: 3.68 ug/ml



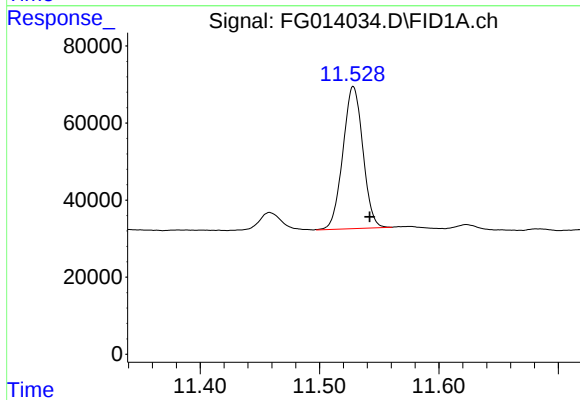
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.013 min
Response: 405850
Conc: 3.08 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

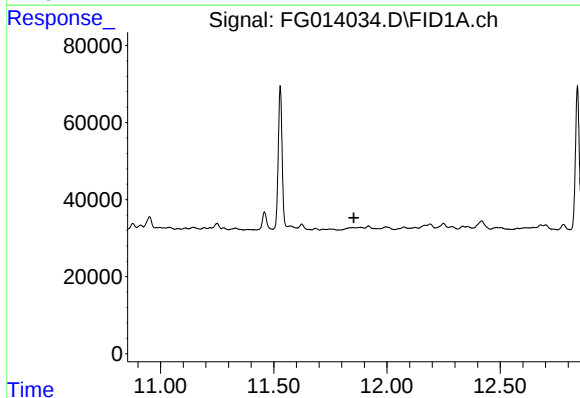
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



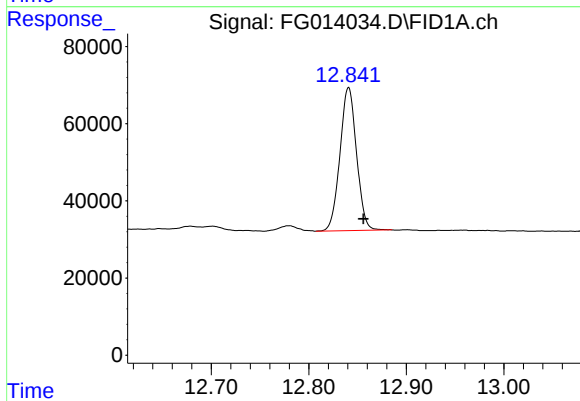
#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.014 min
Response: 428616
Conc: 3.27 ug/ml



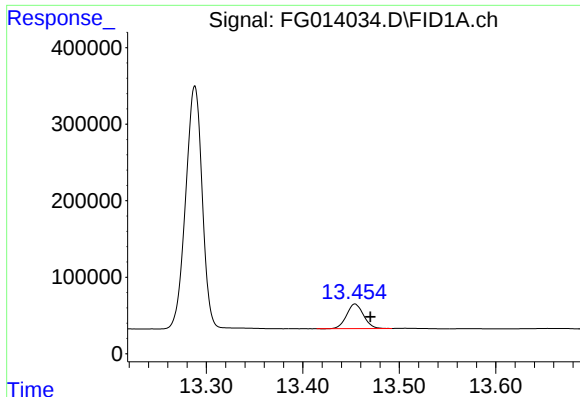
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.854 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: -0.015 min
Response: 437486
Conc: 3.53 ug/ml



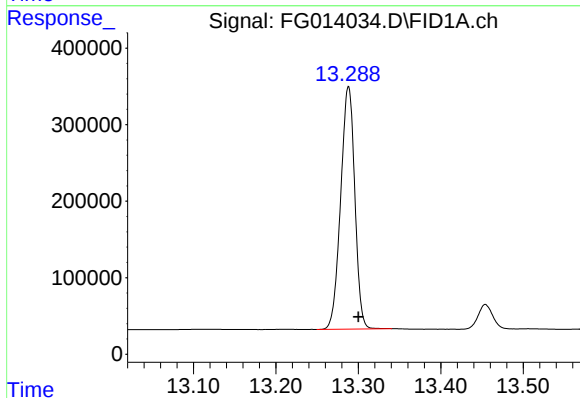
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.016 min
Response: 393454
Conc: 3.24 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

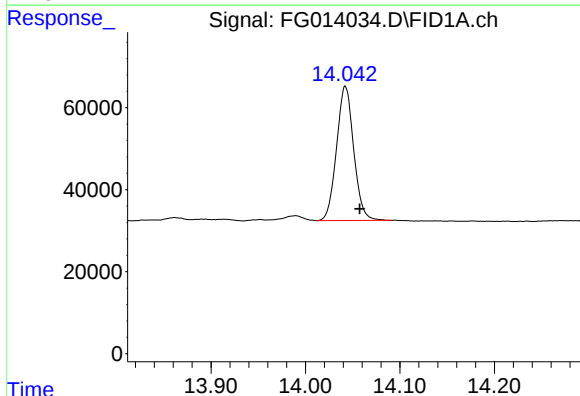
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



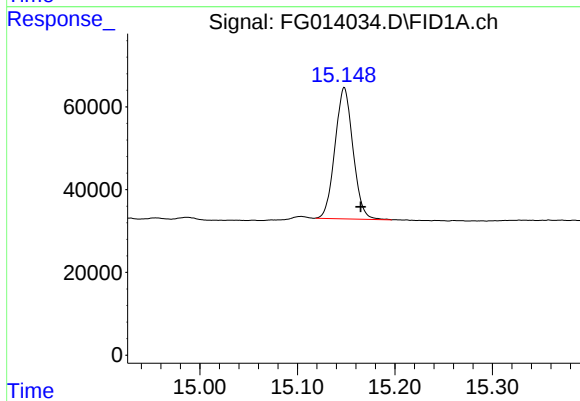
#12 1-chlorooctadecane (SURR)

R.T.: 13.288 min
Delta R.T.: -0.012 min
Response: 3776502
Conc: 37.37 ug/ml



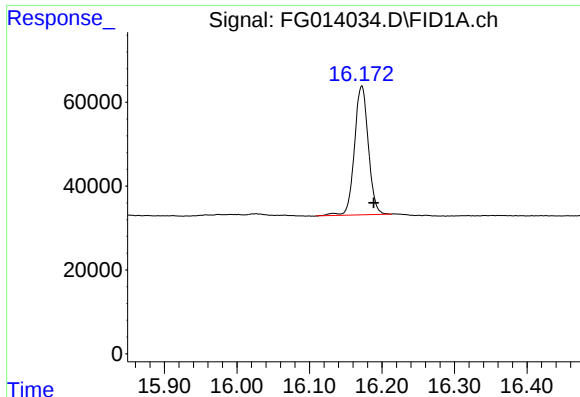
#13 n-Docosane (C22)

R.T.: 14.042 min
Delta R.T.: -0.015 min
Response: 413353
Conc: 3.44 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.017 min
Response: 407183
Conc: 3.43 ug/ml



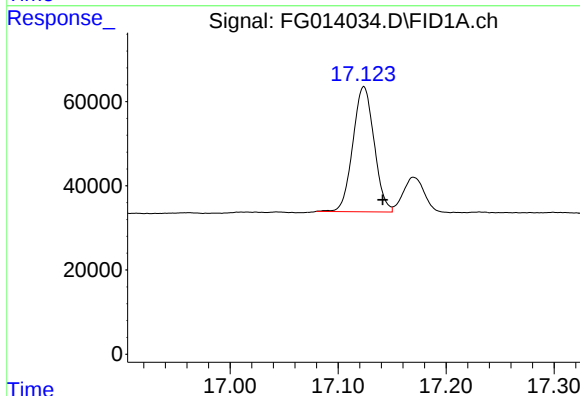
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: -0.017 min
Response: 409304
Conc: 3.52 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

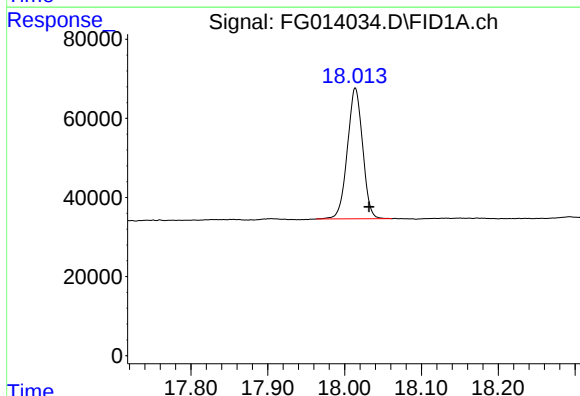
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



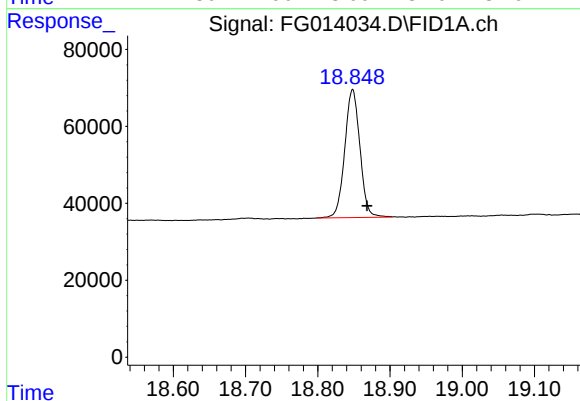
#16 n-Octacosane (C28)

R.T.: 17.124 min
Delta R.T.: -0.018 min
Response: 406445
Conc: 3.57 ug/ml



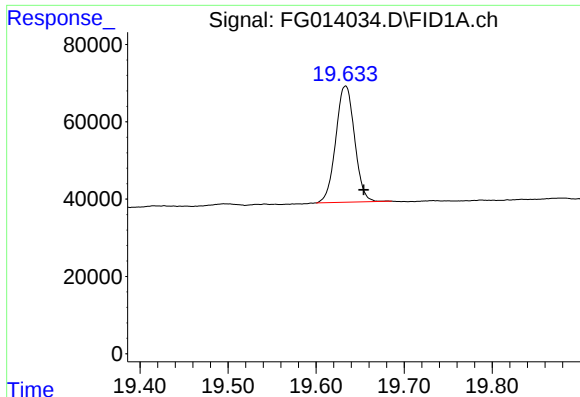
#17 n-Tricontane (C30)

R.T.: 18.014 min
Delta R.T.: -0.018 min
Response: 455620
Conc: 3.93 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.020 min
Response: 486820
Conc: 4.25 ug/ml m



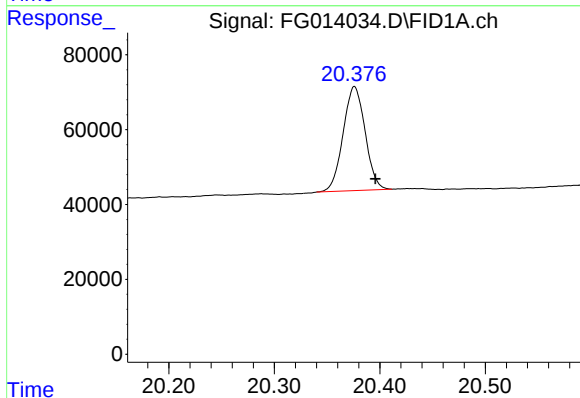
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: -0.021 min
Response: 446376
Conc: 3.93 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

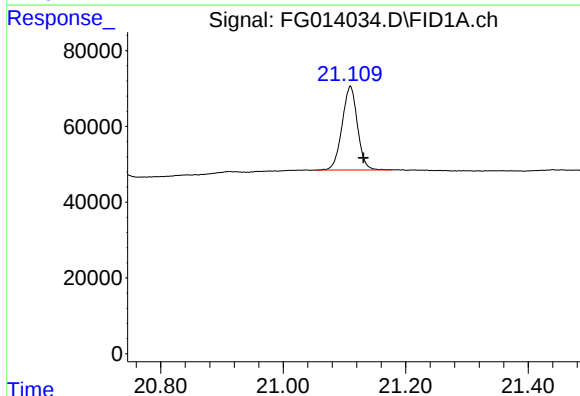
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



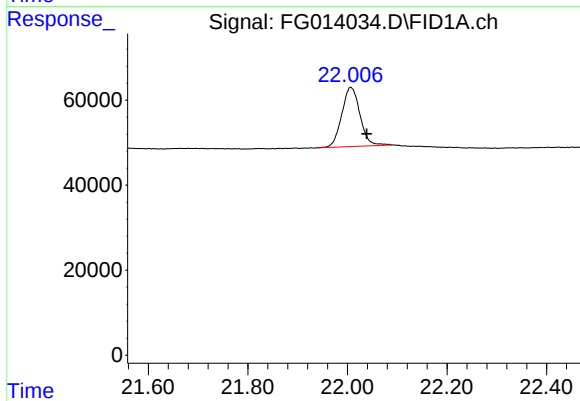
#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: -0.020 min
Response: 402616
Conc: 3.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: -0.021 min
Response: 385075
Conc: 3.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.006 min
Delta R.T.: -0.032 min
Response: 352430
Conc: 3.03 ug/ml