

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100923AL\
 Data File : FG013051.D
 Signal(s) : FID1A.ch
 Acq On : 09 Oct 2023 16:19
 Operator : YP\AJ
 Sample : 04699-01
 Misc : 2.5PPM SOIL LOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2023
 Supervised By :Ankita Jodhani 10/10/2023

Integration File: autoint1.e
 Quant Time: Oct 09 23:50:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:45:31 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...	13.432	2704961	26.841 ug/ml
Spiked Amount 50.000		Recovery =	53.68%
Target Compounds			
1) T n-Nonane (C9)	3.346	151247	1.266 ug/ml
2) T n-Decane (C10)	4.598	196609	1.613 ug/ml
4) T n-Dodecane (C12)	6.772	244172	2.003 ug/ml
6) T n-Tetradecane (C14)	8.606	219625	1.836 ug/ml
7) T n-Hexadecane (C16)	10.220	220982	1.806 ug/ml
8) T n-Octadecane (C18)	11.670	226825	1.853 ug/ml
10) T n-Eicosane (C20)	12.984	235823	2.020 ug/ml
11) T n-Heneicosane (C21)	13.598	226628	1.985 ug/ml
13) T n-Docosane (C22)	14.186	230861	2.034 ug/ml
14) T n-Tetracosane (C24)	15.292	234244	2.069 ug/mlm
15) T n-Hexacosane (C26)	16.316	226524	2.043 ug/ml
16) T n-Octacosane (C28)	17.268	241768	2.204 ug/ml
17) T n-Tricontane (C30)	18.158	274517	2.397 ug/ml
18) T n-Dotriacontane (C32)	18.992	304814	2.655 ug/ml
19) T n-Tetratriacontane (C34)	19.778	284959	2.547 ug/ml
20) T n-Hexatriacontane (C36)	20.518	275472	2.416 ug/mlm
21) T n-Octatriacontane (C38)	21.278	244419	2.131 ug/ml
22) T n-Tetracontane (C40)	22.230	221415	1.913 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100923AL\
Data File : FG013051.D
Signal(s) : FID1A.ch
Acq On : 09 Oct 2023 16:19
Operator : YP\AJ
Sample : 04699-01
Misc : 2.5PPM SOIL LOD
ALS Vial : 13 Sample Multiplier: 1

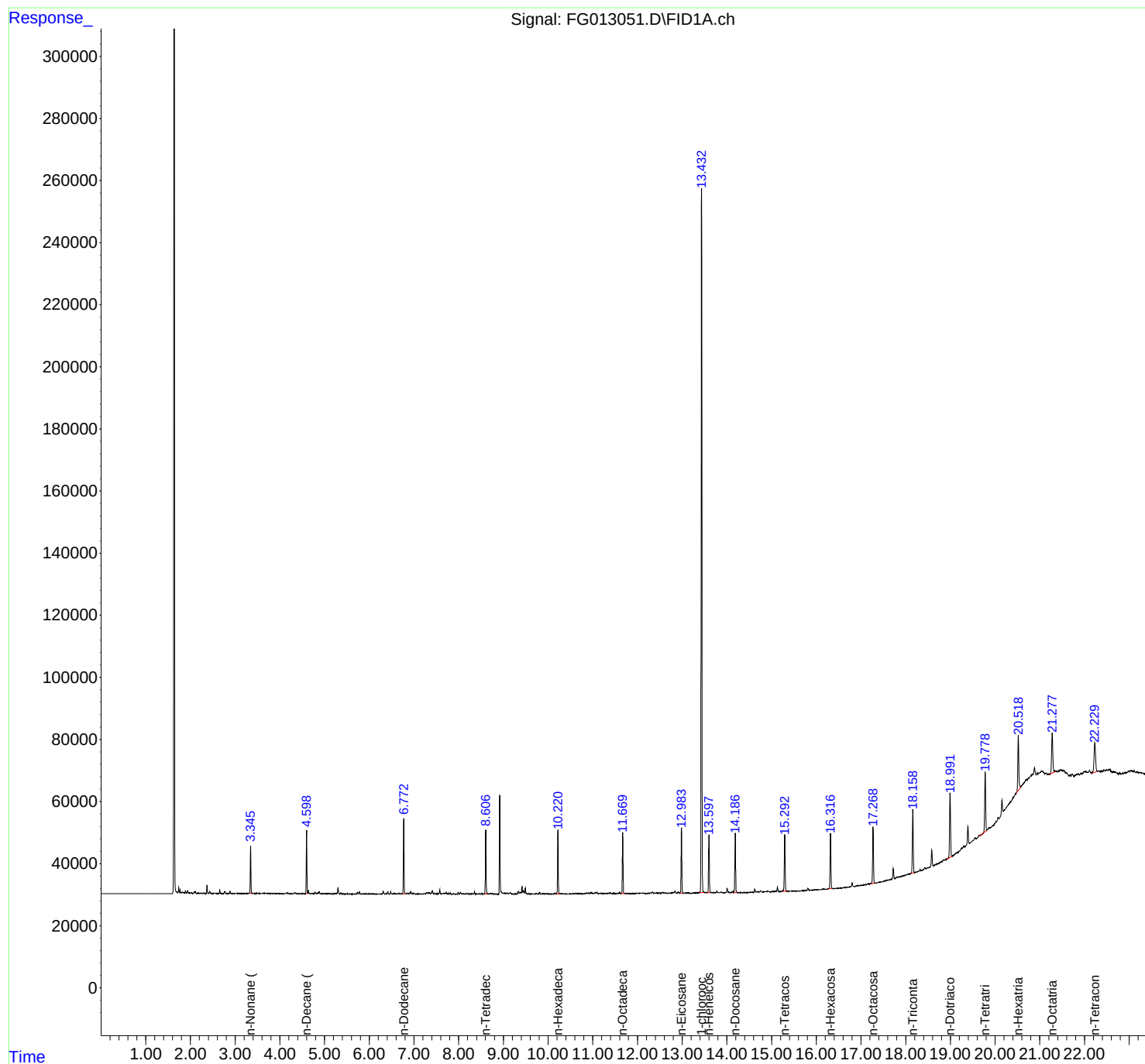
Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

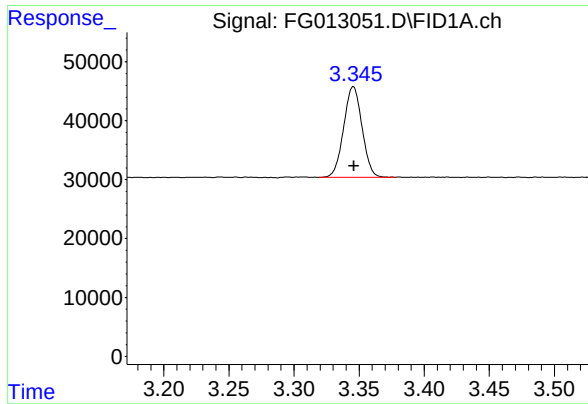
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023

Integration File: autoint1.e
Quant Time: Oct 09 23:50:02 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100623.M
Quant Title : GC Extractables
QLast Update : Sat Oct 07 07:45:31 2023
Response via : Initial Calibration
Integrator: ChemStation

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





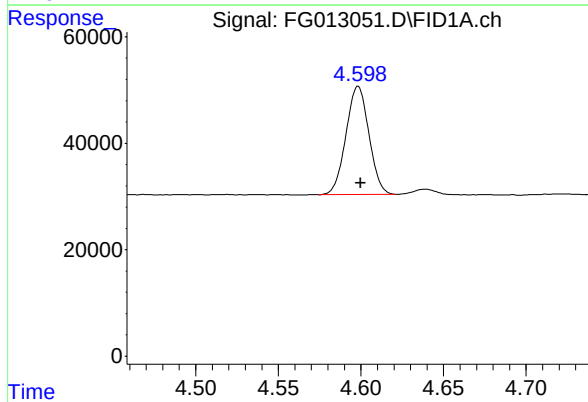
#1 n-Nonane (C9)

R.T.: 3.346 min
Delta R.T.: 0.000 min
Response: 151247
Conc: 1.27 ug/ml

Instrument : FID_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

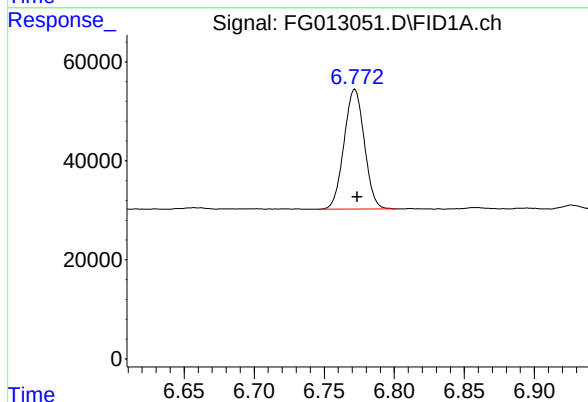
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023



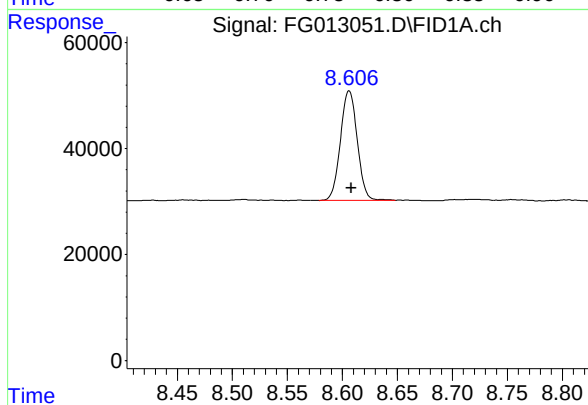
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 196609
Conc: 1.61 ug/ml



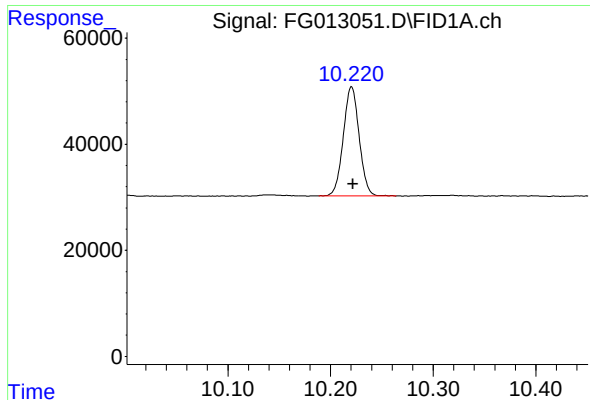
#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 244172
Conc: 2.00 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: -0.002 min
Response: 219625
Conc: 1.84 ug/ml



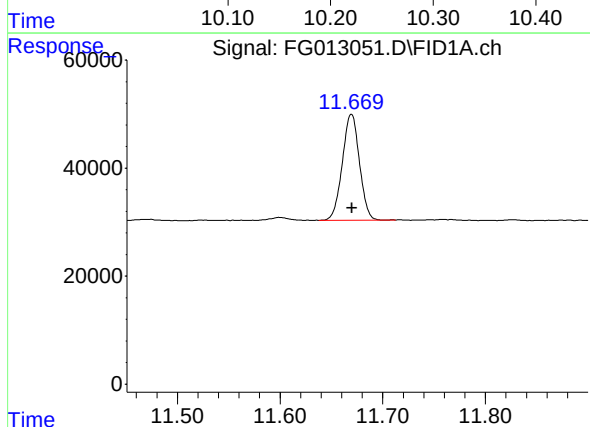
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: -0.001 min
Response: 220982
Conc: 1.81 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

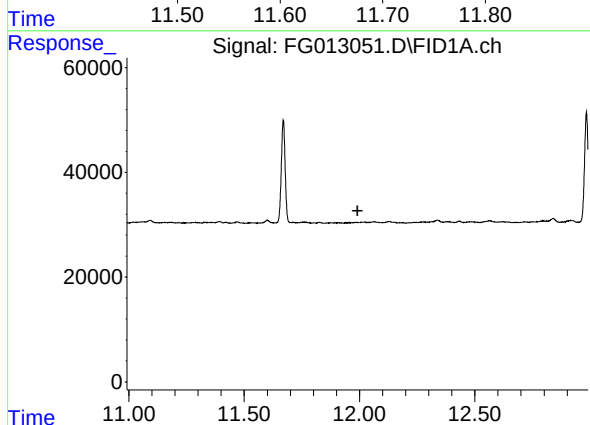
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023



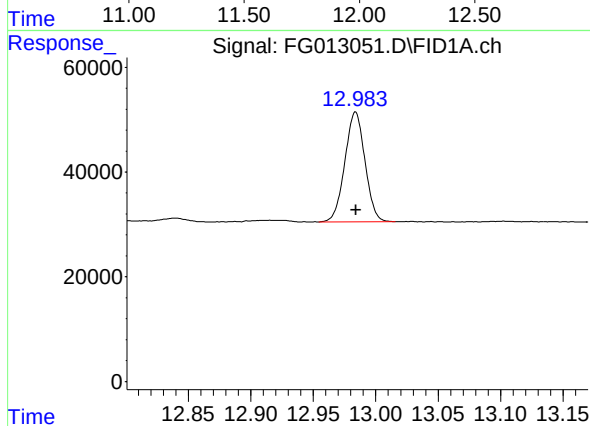
#8 n-Octadecane (C18)

R.T.: 11.670 min
Delta R.T.: 0.000 min
Response: 226825
Conc: 1.85 ug/ml



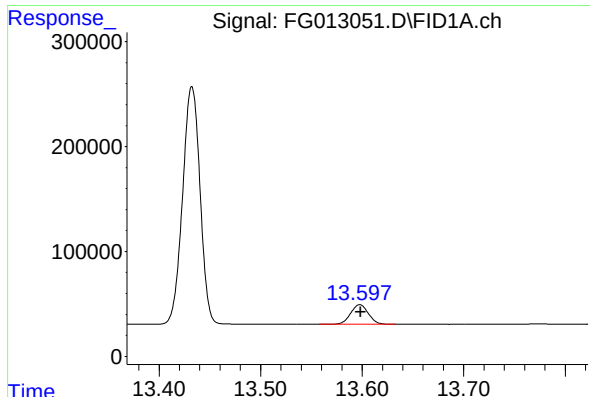
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.991 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.984 min
Delta R.T.: 0.000 min
Response: 235823
Conc: 2.02 ug/ml



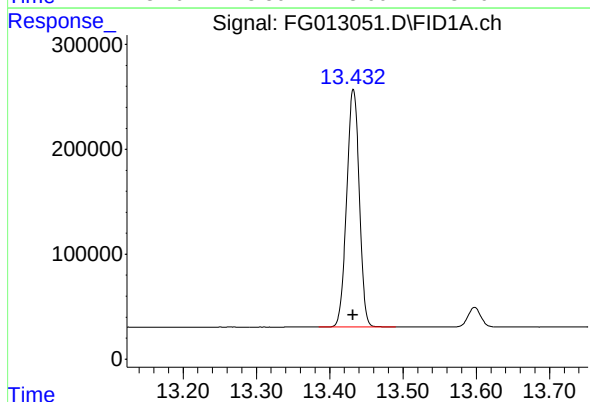
#11 n-Heneicosane (C21)

R.T.: 13.598 min
Delta R.T.: -0.001 min
Response: 226628
Conc: 1.98 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

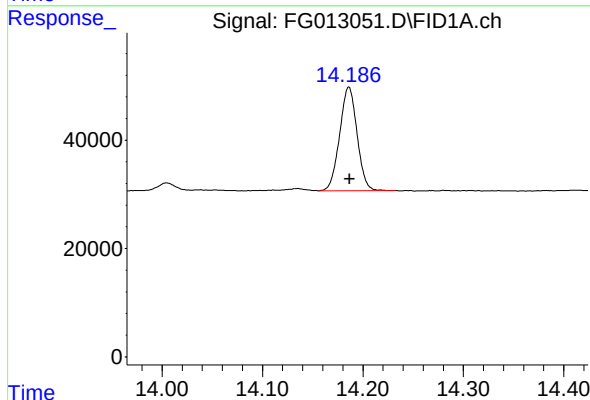
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023



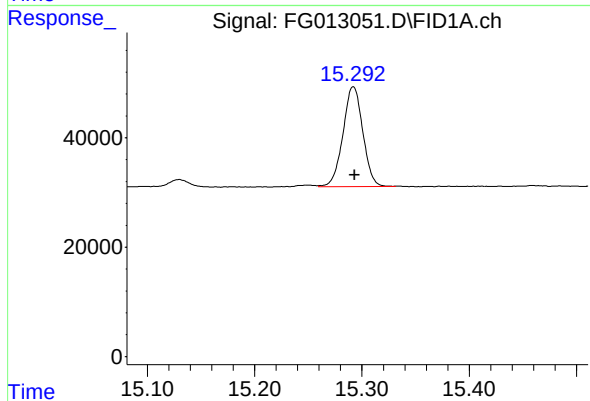
#12 1-chlorooctadecane (SURR)

R.T.: 13.432 min
Delta R.T.: 0.000 min
Response: 2704961
Conc: 26.84 ug/ml



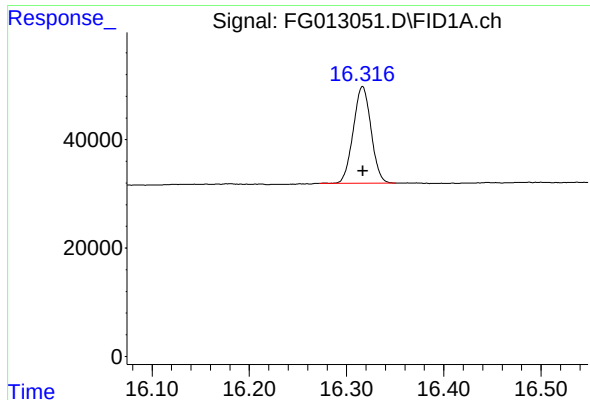
#13 n-Docosane (C22)

R.T.: 14.186 min
Delta R.T.: 0.000 min
Response: 230861
Conc: 2.03 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.292 min
Delta R.T.: -0.002 min
Response: 234244
Conc: 2.07 ug/ml m



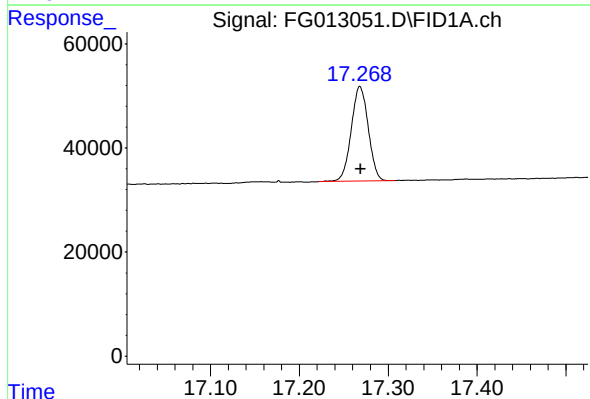
#15 n-Hexacosane (C26)

R.T.: 16.316 min
Delta R.T.: 0.000 min
Response: 226524
Conc: 2.04 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

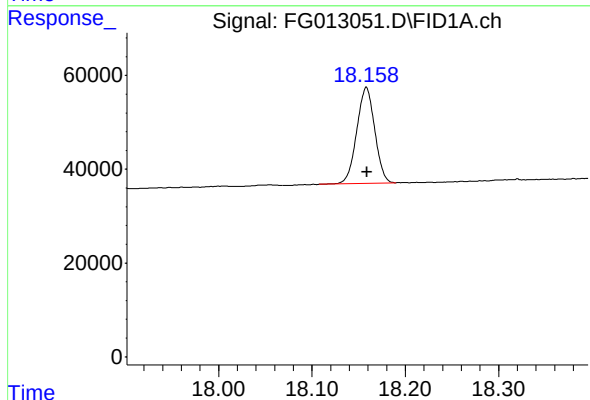
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023



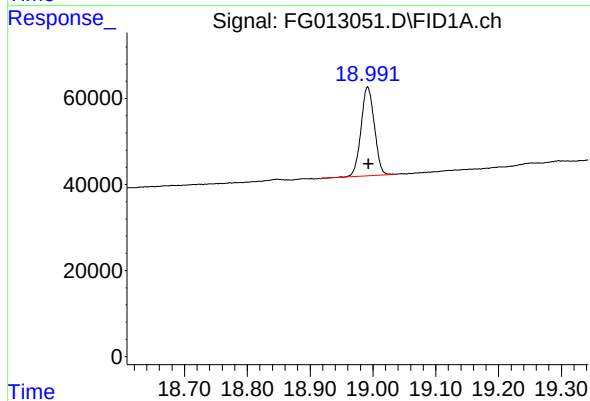
#16 n-Octacosane (C28)

R.T.: 17.268 min
Delta R.T.: 0.000 min
Response: 241768
Conc: 2.20 ug/ml



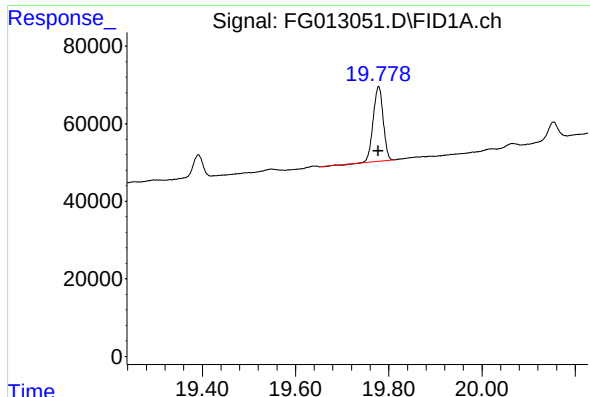
#17 n-Tricontane (C30)

R.T.: 18.158 min
Delta R.T.: 0.000 min
Response: 274517
Conc: 2.40 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.992 min
Delta R.T.: -0.002 min
Response: 304814
Conc: 2.66 ug/ml



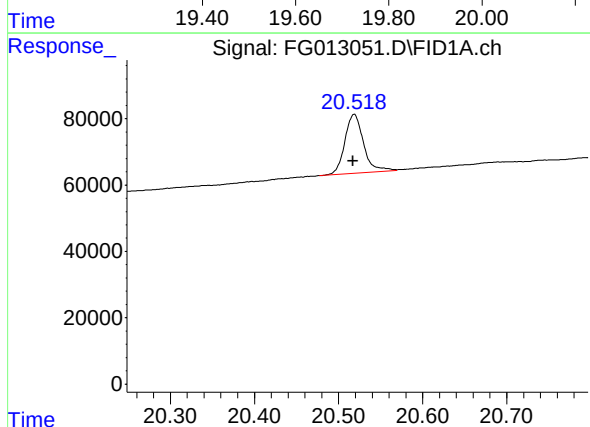
#19 n-Tetratriacontane (C34)

R.T.: 19.778 min
Delta R.T.: 0.000 min
Response: 284959
Conc: 2.55 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

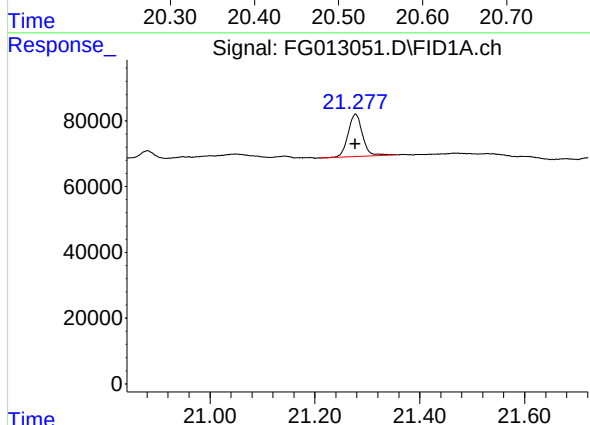
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023



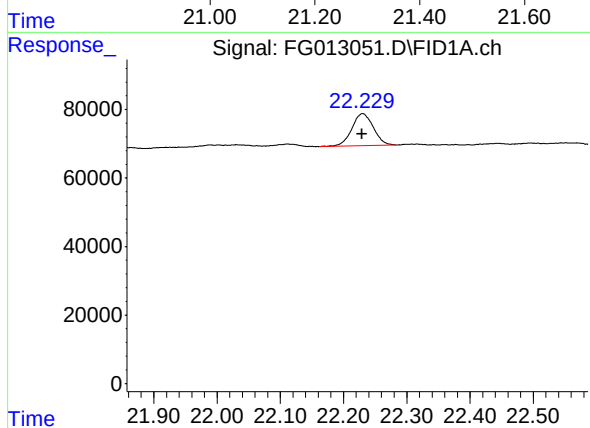
#20 n-Hexatriacontane (C36)

R.T.: 20.518 min
Delta R.T.: 0.001 min
Response: 275472
Conc: 2.42 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.278 min
Delta R.T.: 0.000 min
Response: 244419
Conc: 2.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.230 min
Delta R.T.: 0.001 min
Response: 221415
Conc: 1.91 ug/ml