

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101023AL\
 Data File : FG013065.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2023 11:04
 Operator : YP\AJ
 Sample : 04699-03
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :Ankita Jodhani 10/11/2023

Integration File: autoint1.e
 Quant Time: Oct 11 00:16:21 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...	13.430	2107093	20.908 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
Target Compounds			
1) T n-Nonane (C9)	3.345	162958	1.364 ug/ml
2) T n-Decane (C10)	4.597	206530	1.694 ug/ml
4) T n-Dodecane (C12)	6.771	293790	2.410 ug/ml
6) T n-Tetradecane (C14)	8.605	261513	2.186 ug/ml
7) T n-Hexadecane (C16)	10.218	250024	2.043 ug/ml
8) T n-Octadecane (C18)	11.667	255467	2.087 ug/ml
10) T n-Eicosane (C20)	12.981	259453	2.222 ug/ml
11) T n-Heneicosane (C21)	13.595	242358	2.122 ug/ml
13) T n-Docosane (C22)	14.184	248850	2.193 ug/ml
14) T n-Tetracosane (C24)	15.290	244779	2.162 ug/ml
15) T n-Hexacosane (C26)	16.315	241770	2.180 ug/ml
16) T n-Octacosane (C28)	17.266	245755	2.240 ug/ml
17) T n-Tricontane (C30)	18.156	264309	2.308 ug/ml
18) T n-Dotriacontane (C32)	18.989	265755	2.315 ug/ml
19) T n-Tetratriacontane (C34)	19.774	249282	2.228 ug/mlm
20) T n-Hexatriacontane (C36)	20.515	254825	2.235 ug/ml
21) T n-Octatriacontane (C38)	21.272	214966	1.874 ug/mlm
22) T n-Tetracontane (C40)	22.225	225158	1.945 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101023AL\
Data File : FG013065.D
Signal(s) : FID1A.ch
Acq On : 10 Oct 2023 11:04
Operator : YP\AJ
Sample : 04699-03
Misc :
ALS Vial : 65 Sample Multiplier: 1

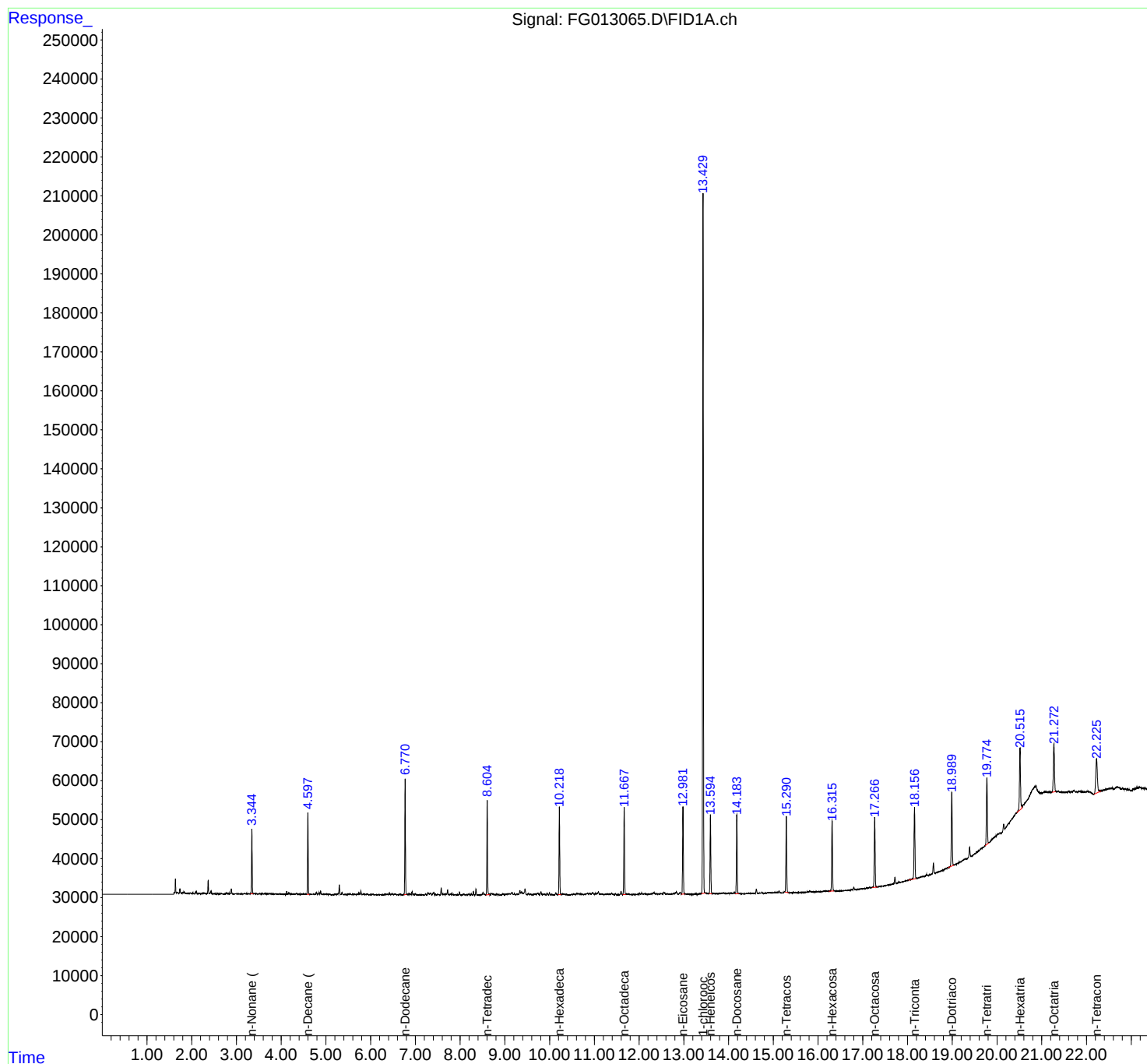
Instrument :
FID_G
ClientSampleId :
MDL-SOIL-03-QT4-2023

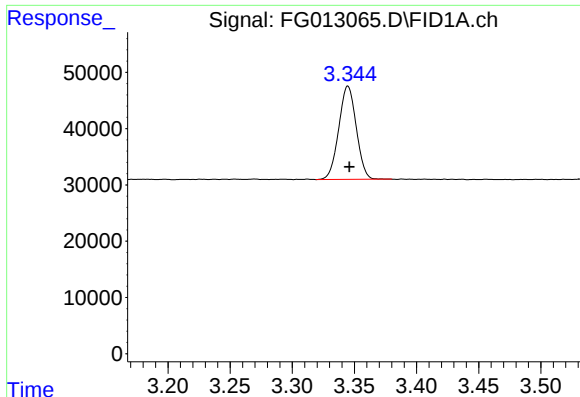
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023

Integration File: autoint1.e
Quant Time: Oct 11 00:16:21 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





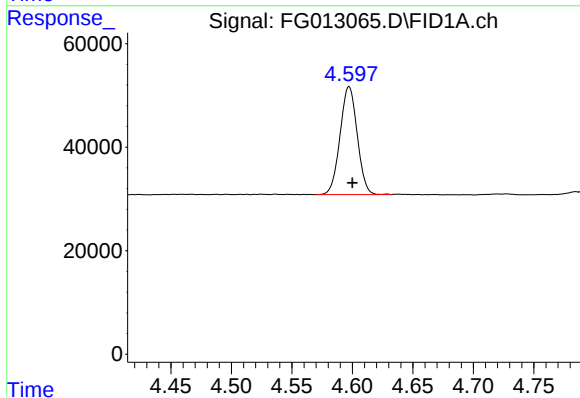
#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: -0.001 min
Response: 162958
Conc: 1.36 ug/ml

Instrument : FID_G
ClientSampleId : MDL-SOIL-03-QT4-2023

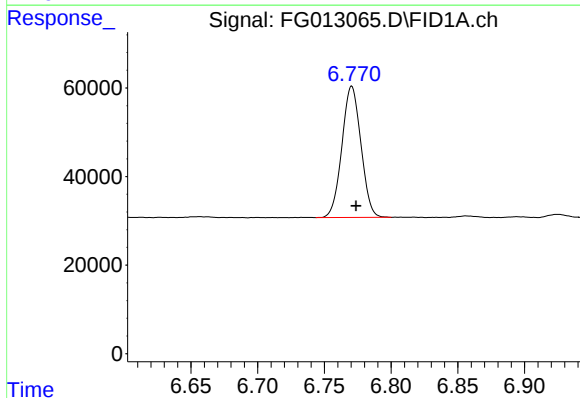
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023



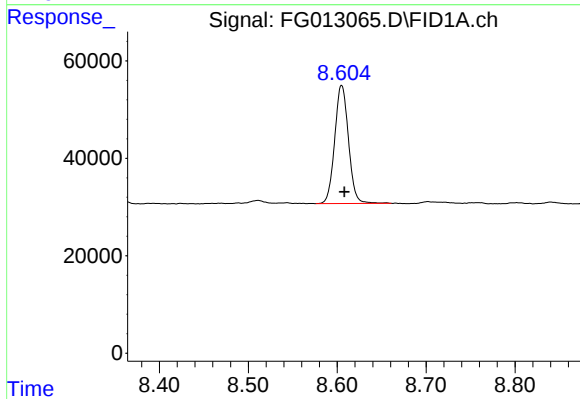
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.003 min
Response: 206530
Conc: 1.69 ug/ml



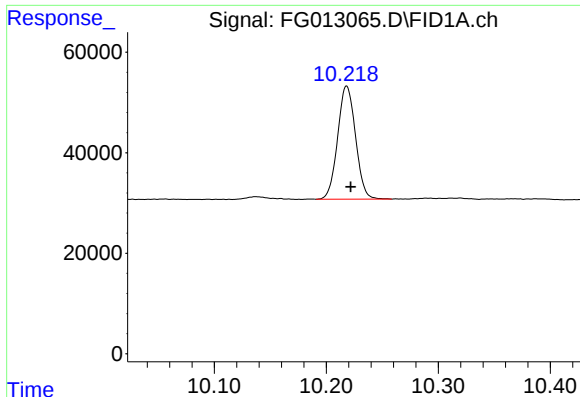
#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: -0.003 min
Response: 293790
Conc: 2.41 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: -0.003 min
Response: 261513
Conc: 2.19 ug/ml



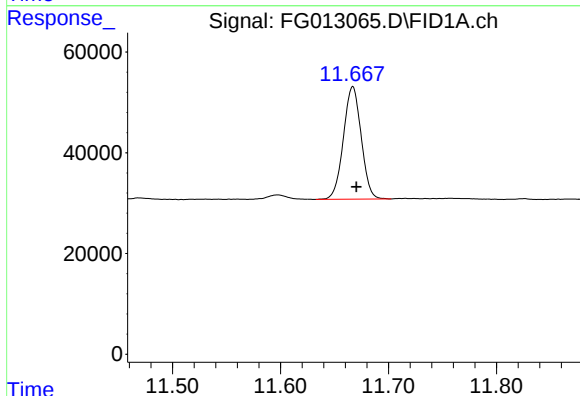
#7 n-Hexadecane (C16)

R.T.: 10.218 min
Delta R.T.: -0.004 min
Response: 250024
Conc: 2.04 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-03-QT4-2023

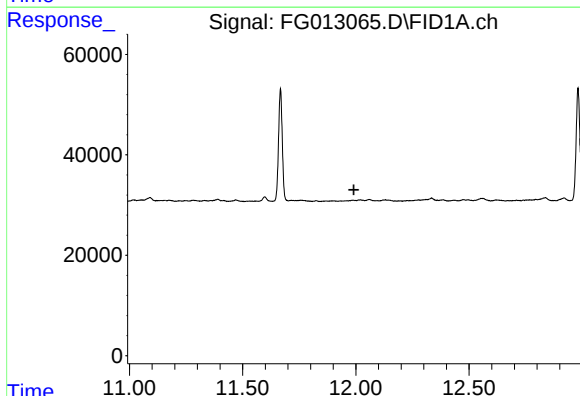
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023



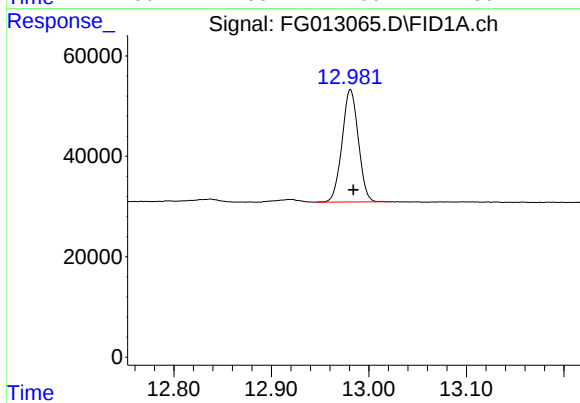
#8 n-Octadecane (C18)

R.T.: 11.667 min
Delta R.T.: -0.003 min
Response: 255467
Conc: 2.09 ug/ml



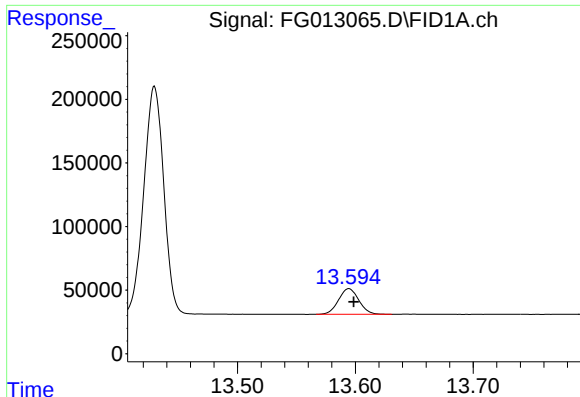
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.981 min
Delta R.T.: -0.003 min
Response: 259453
Conc: 2.22 ug/ml



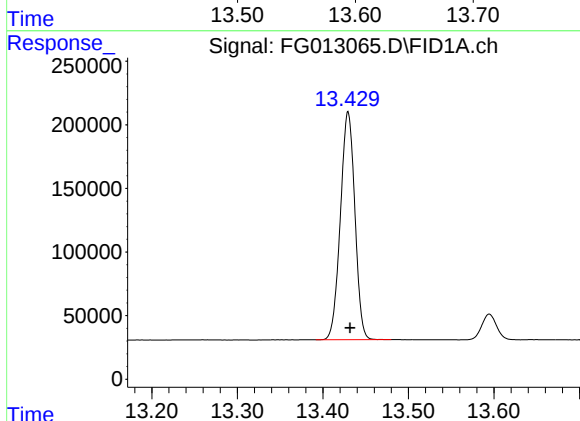
#11 n-Heneicosane (C21)

R.T.: 13.595 min
Delta R.T.: -0.004 min
Response: 242358
Conc: 2.12 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-03-QT4-2023

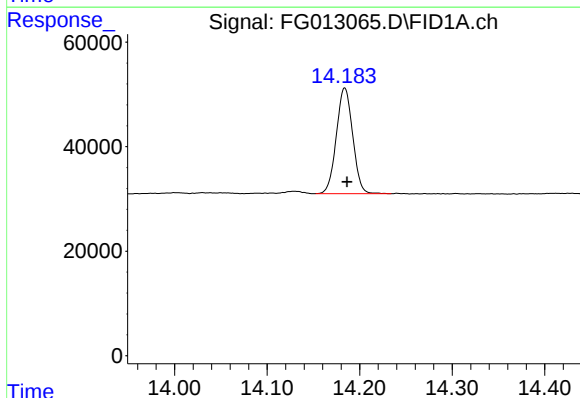
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023



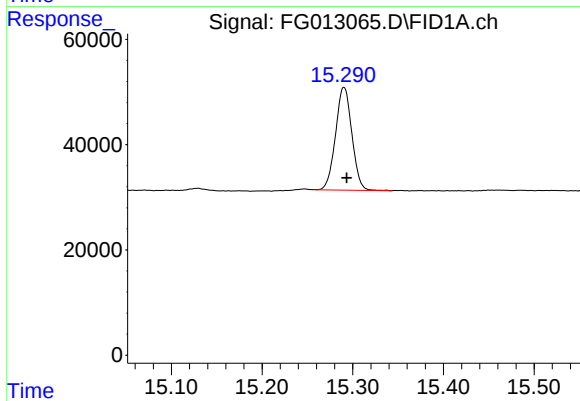
#12 1-chlorooctadecane (SURR)

R.T.: 13.430 min
Delta R.T.: -0.002 min
Response: 2107093
Conc: 20.91 ug/ml



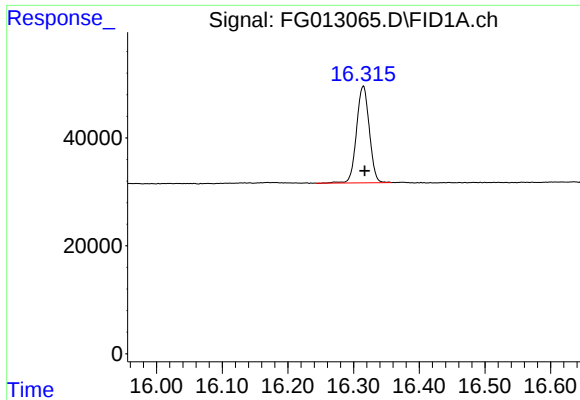
#13 n-Docosane (C22)

R.T.: 14.184 min
Delta R.T.: -0.003 min
Response: 248850
Conc: 2.19 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.290 min
Delta R.T.: -0.003 min
Response: 244779
Conc: 2.16 ug/ml



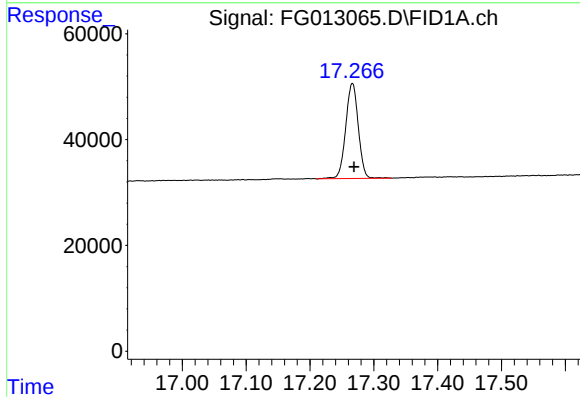
#15 n-Hexacosane (C26)

R.T.: 16.315 min
Delta R.T.: -0.002 min
Response: 241770
Conc: 2.18 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-03-QT4-2023

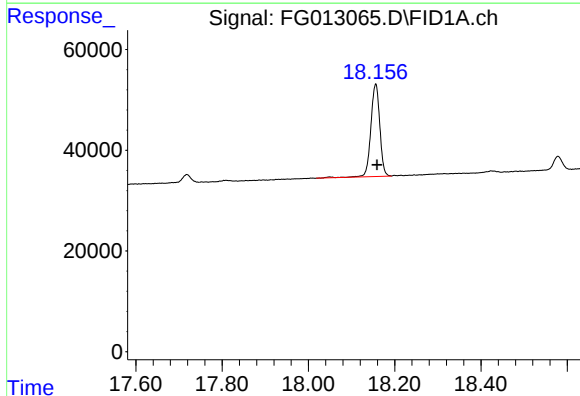
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023



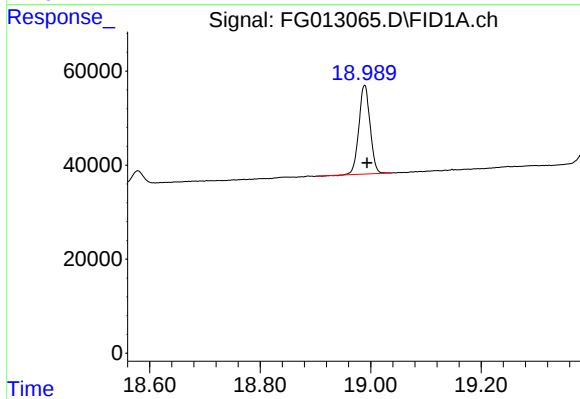
#16 n-Octacosane (C28)

R.T.: 17.266 min
Delta R.T.: -0.003 min
Response: 245755
Conc: 2.24 ug/ml



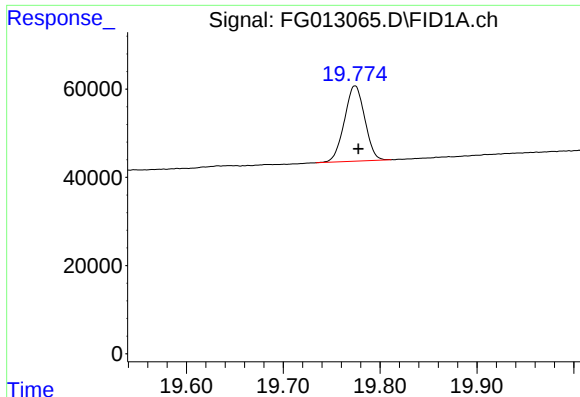
#17 n-Tricontane (C30)

R.T.: 18.156 min
Delta R.T.: -0.003 min
Response: 264309
Conc: 2.31 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.989 min
Delta R.T.: -0.004 min
Response: 265755
Conc: 2.31 ug/ml



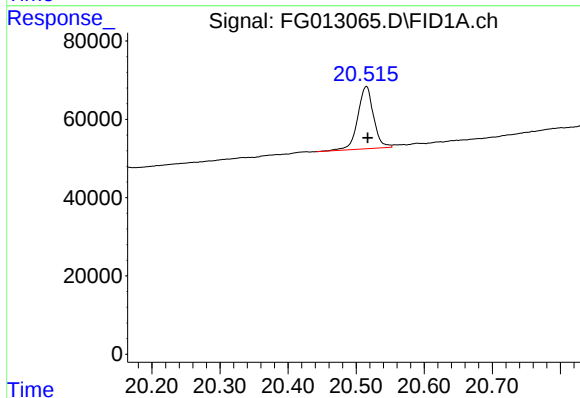
#19 n-Tetratriacontane (C34)

R.T.: 19.774 min
Delta R.T.: -0.004 min
Response: 249282
Conc: 2.23 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-03-QT4-2023

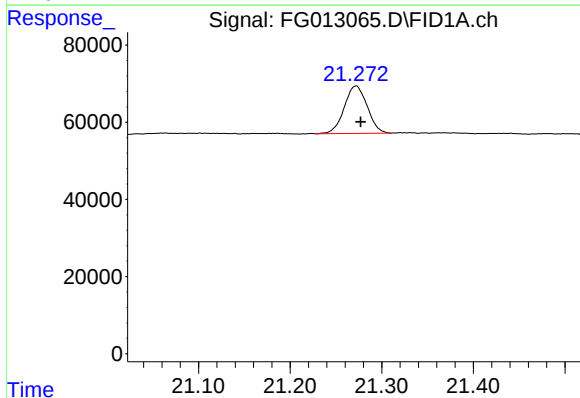
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023



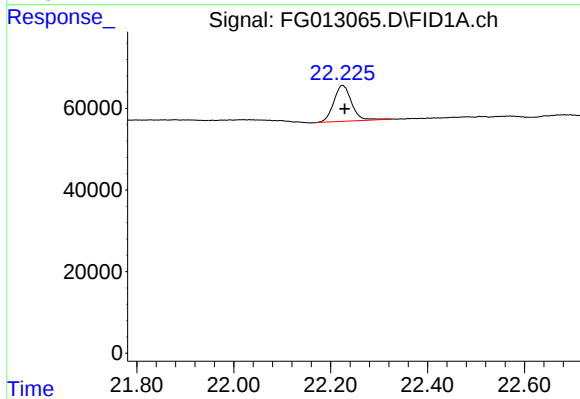
#20 n-Hexatriacontane (C36)

R.T.: 20.515 min
Delta R.T.: -0.002 min
Response: 254825
Conc: 2.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.272 min
Delta R.T.: -0.005 min
Response: 214966
Conc: 1.87 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.225 min
Delta R.T.: -0.004 min
Response: 225158
Conc: 1.95 ug/ml m