

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100523\
 Data File : FG013005.D
 Signal(s) : FID1A.ch
 Acq On : 05 Oct 2023 19:22
 Operator : YP\AJ
 Sample : 04699-06
 Misc : 1 PPM SOIL MDL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-06-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e
 Quant Time: Oct 06 08:45:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092123.M
 Quant Title :
 QLast Update : Fri Sep 22 02:14:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.074	2181383	19.248 ug/ml
Target Compounds			
1) N-OCTANE	2.076	137645	1.231 ug/mlm
2) N-DECANE	4.594	150171	1.305 ug/ml
3) N-DODECANE	6.766	152114	1.295 ug/ml
4) N-TETRADECANE	8.598	155943	1.320 ug/mlm
5) N-HEXADECANE	10.210	158138	1.307 ug/ml
6) N-OCTADECANE	11.657	161091	1.320 ug/ml
7) N-EICOSANE	12.970	161143	1.316 ug/ml
8) N-DOCOSANE	14.171	159694	1.340 ug/ml
10) N-TETRACOSANE	15.277	158168	1.320 ug/ml
11) N-HEXACOSANE	16.299	156260	1.320 ug/ml
12) N-OCTACOSANE	17.250	159969	1.367 ug/ml
13) N-TRIACONTANE	18.139	168542	1.460 ug/ml
14) N-DOTRIACONTANE	18.971	173618	1.561 ug/ml
15) N-TETRATRIACONTANE	19.756	163479	1.731 ug/ml
16) N-HEXATRIACONTANE	20.495	143302	1.939 ug/ml
17) N-OCTATRIACONTANE	21.250	134084	2.024 ug/ml
18) N-TETRACONTANE	22.193	135507	2.149 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100523\
Data File : FG013005.D
Signal(s) : FID1A.ch
Acq On : 05 Oct 2023 19:22
Operator : YP\AJ
Sample : 04699-06
Misc : 1 PPM SOIL MDL
ALS Vial : 20 Sample Multiplier: 1

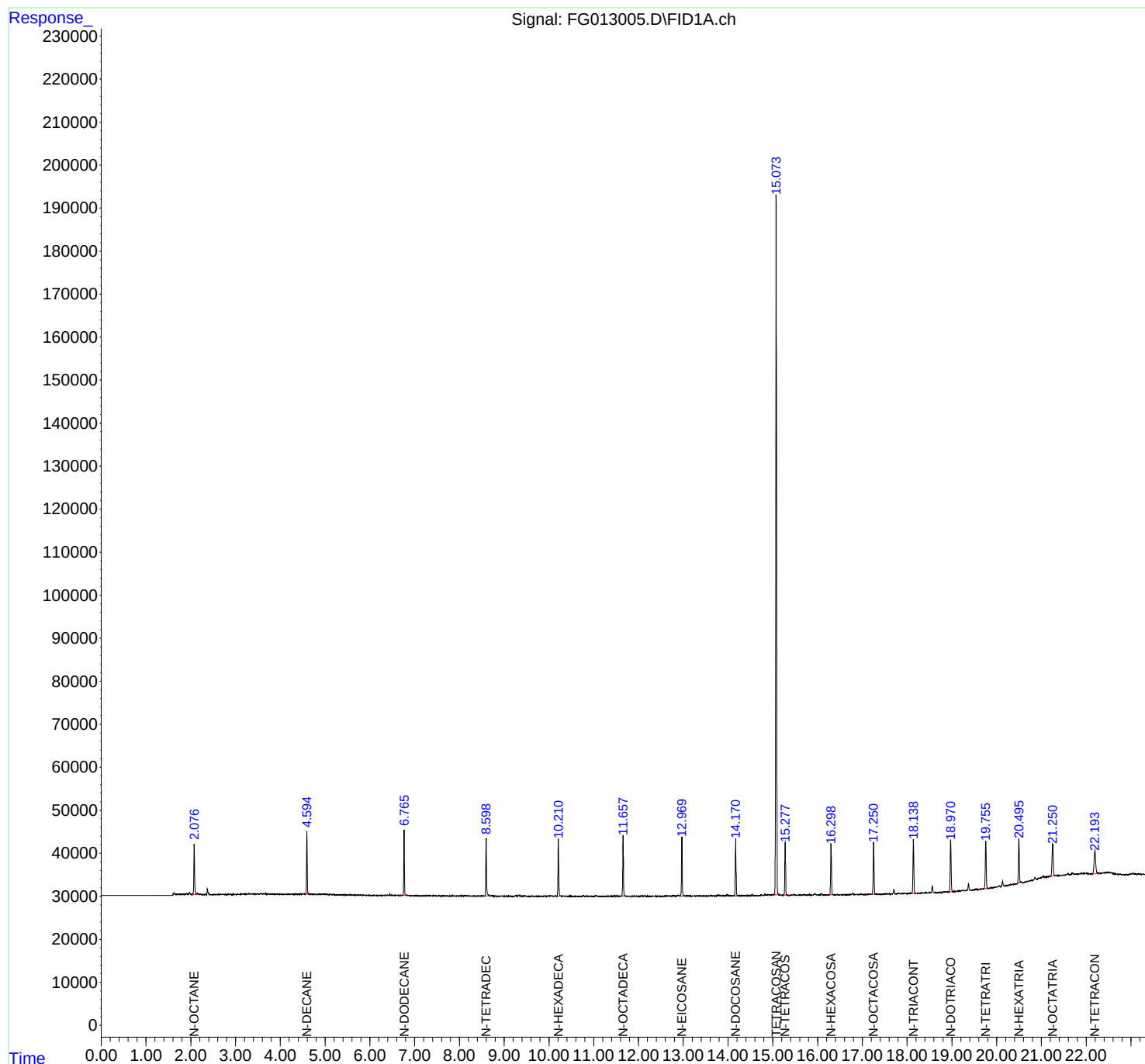
Instrument :
FID_G
ClientSampleId :
MDL-SOIL-06-QT4-2023

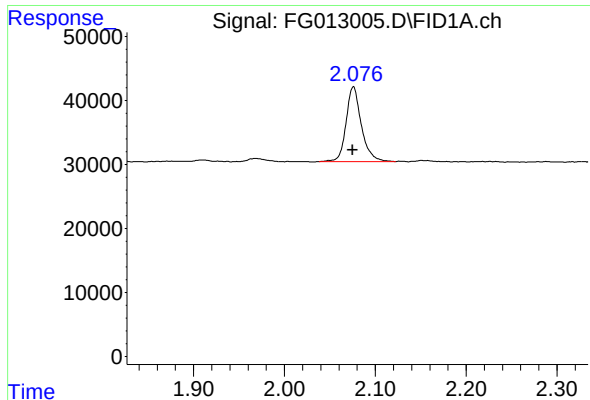
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e
Quant Time: Oct 06 08:45:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092123.M
Quant Title :
QLast Update : Fri Sep 22 02:14:31 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





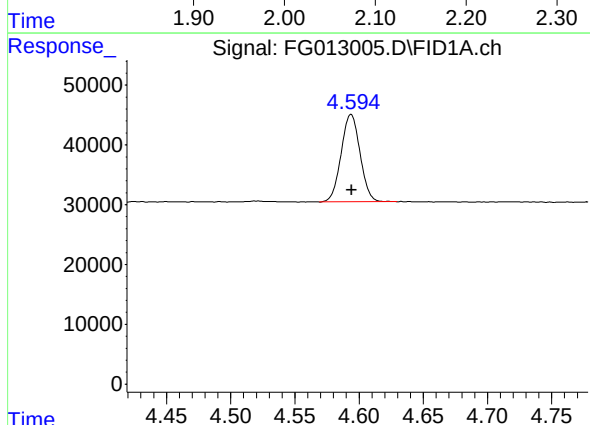
#1 N-OCTANE

R.T.: 2.076 min
Delta R.T.: 0.000 min
Response: 137645
Conc: 1.23 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-06-QT4-2023

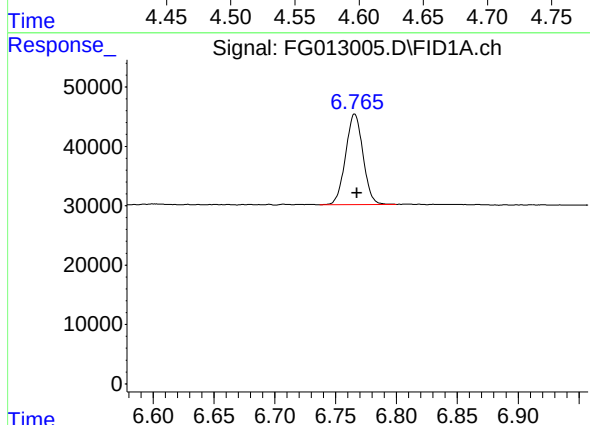
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023



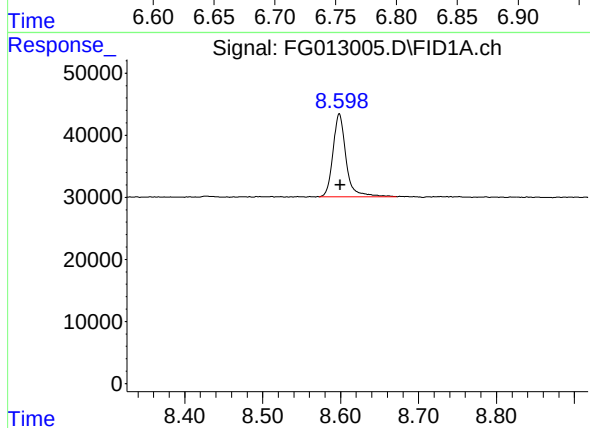
#2 N-DECANE

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 150171
Conc: 1.30 ug/ml



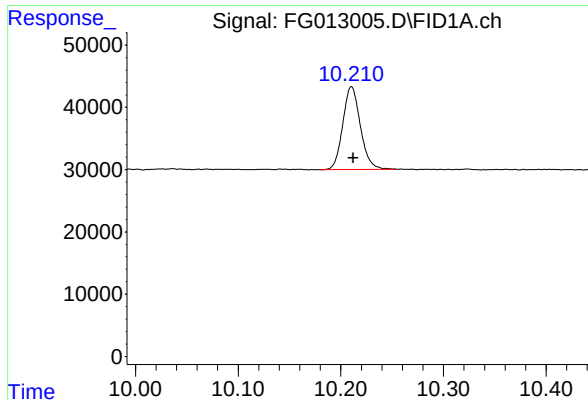
#3 N-DODECANE

R.T.: 6.766 min
Delta R.T.: -0.002 min
Response: 152114
Conc: 1.30 ug/ml



#4 N-TETRADECANE

R.T.: 8.598 min
Delta R.T.: -0.002 min
Response: 155943
Conc: 1.32 ug/ml m



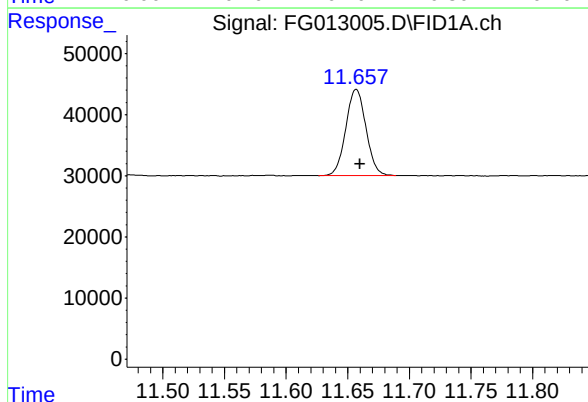
#5 N-HEXADECANE

R.T.: 10.210 min
Delta R.T.: -0.002 min
Response: 158138
Conc: 1.31 ug/ml

Instrument : FID_G
ClientSampleId : MDL-SOIL-06-QT4-2023

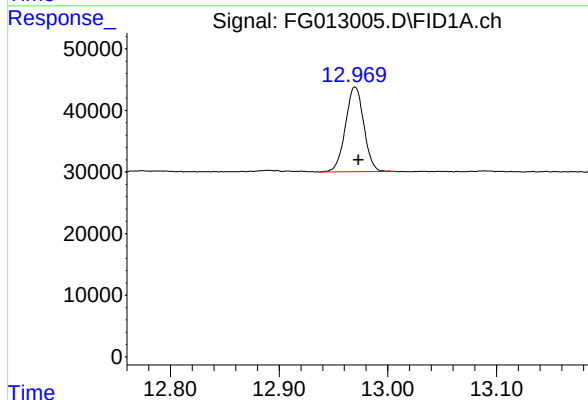
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023



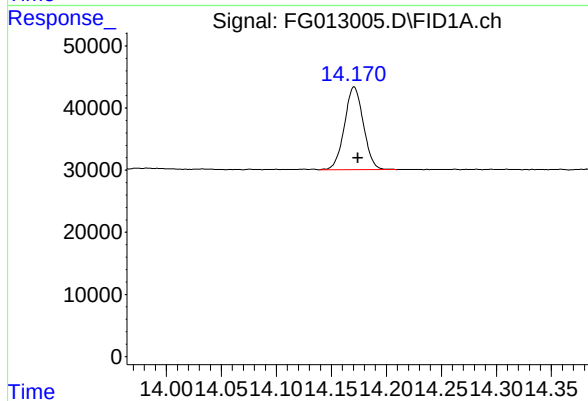
#6 N-OCTADECANE

R.T.: 11.657 min
Delta R.T.: -0.003 min
Response: 161091
Conc: 1.32 ug/ml



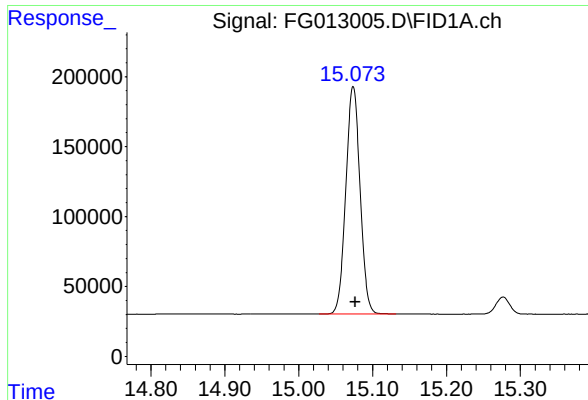
#7 N-EICOSANE

R.T.: 12.970 min
Delta R.T.: -0.003 min
Response: 161143
Conc: 1.32 ug/ml



#8 N-DOCOSANE

R.T.: 14.171 min
Delta R.T.: -0.004 min
Response: 159694
Conc: 1.34 ug/ml



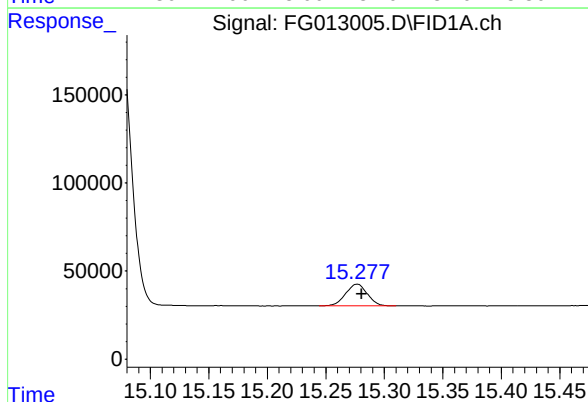
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.074 min
Delta R.T.: -0.003 min
Response: 2181383
Conc: 19.25 ug/ml

Instrument : FID_G
ClientSampleId : MDL-SOIL-06-QT4-2023

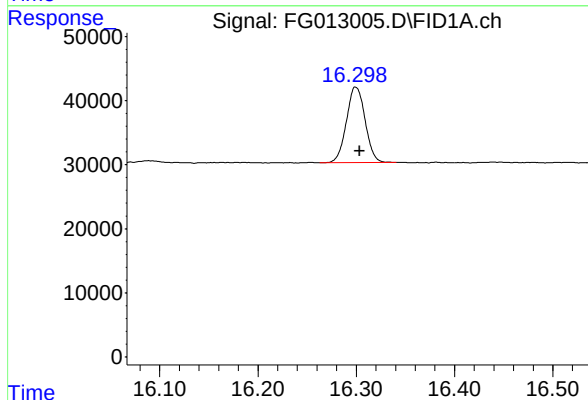
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023



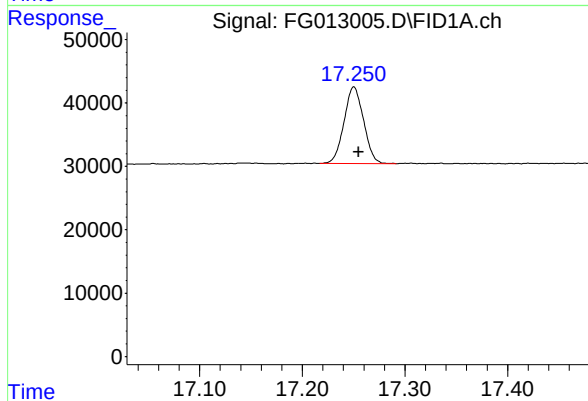
#10 N-TETRACOSANE

R.T.: 15.277 min
Delta R.T.: -0.004 min
Response: 158168
Conc: 1.32 ug/ml



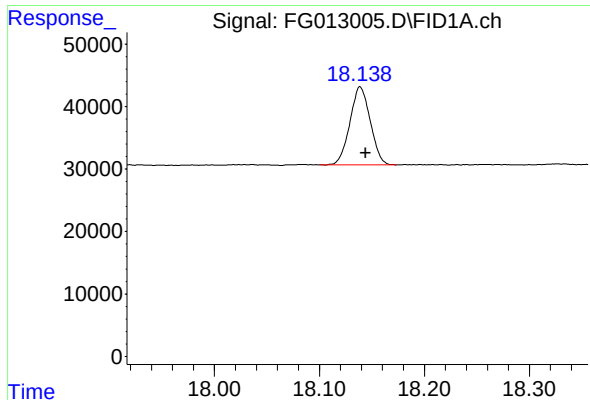
#11 N-HEXACOSANE

R.T.: 16.299 min
Delta R.T.: -0.004 min
Response: 156260
Conc: 1.32 ug/ml



#12 N-OCTACOSANE

R.T.: 17.250 min
Delta R.T.: -0.005 min
Response: 159969
Conc: 1.37 ug/ml



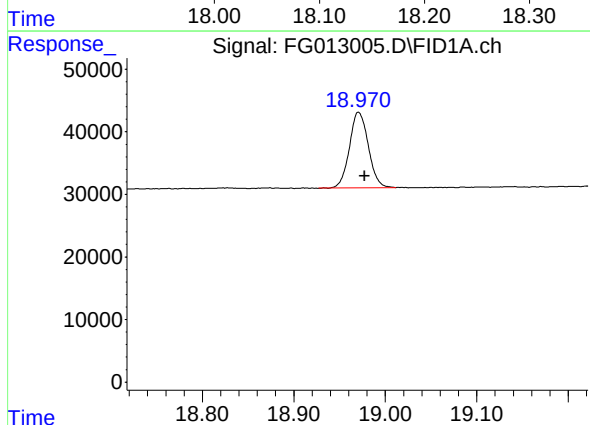
#13 N-TRIACONTANE

R.T.: 18.139 min
Delta R.T.: -0.005 min
Response: 168542
Conc: 1.46 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-06-QT4-2023

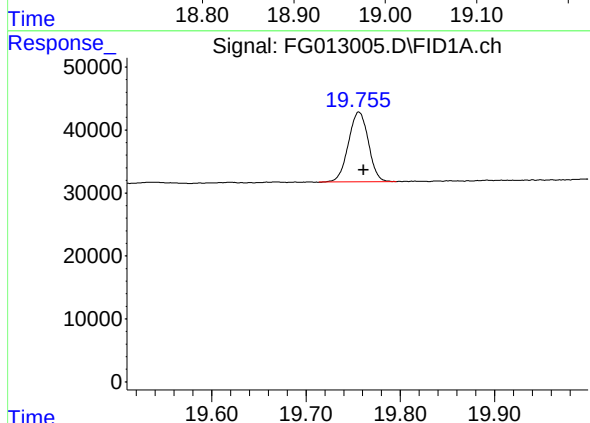
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023



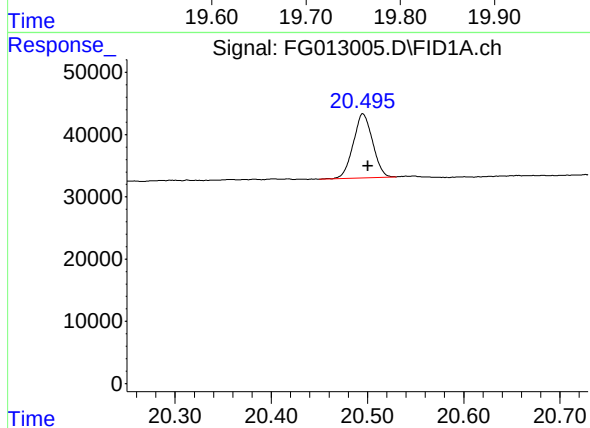
#14 N-DOTRIACONTANE

R.T.: 18.971 min
Delta R.T.: -0.007 min
Response: 173618
Conc: 1.56 ug/ml



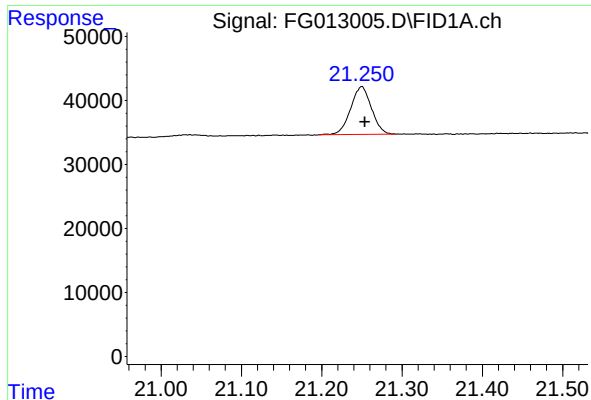
#15 N-TETRATRIACONTANE

R.T.: 19.756 min
Delta R.T.: -0.005 min
Response: 163479
Conc: 1.73 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.495 min
Delta R.T.: -0.005 min
Response: 143302
Conc: 1.94 ug/ml



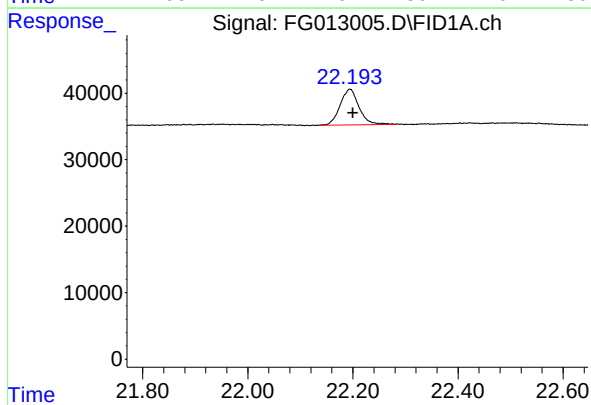
#17 N-OCTATRIACONTANE

R.T.: 21.250 min
Delta R.T.: -0.004 min
Response: 134084
Conc: 2.02 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-06-QT4-2023

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :Ankita Jodhani 10/06/2023



#18 N-TETRACONTANE

R.T.: 22.193 min
Delta R.T.: -0.007 min
Response: 135507
Conc: 2.15 ug/ml m