

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101024\
 Data File : FG014395.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2024 16:39
 Operator : YP\AJ
 Sample : P4368-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-04-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
 Quant Time: Oct 11 02:16:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100224.M
 Quant Title :
 QLast Update : Thu Oct 03 05:57:06 2024
 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...	14.915	2189209	17.679 ug/ml
Target Compounds			
1) N-OCTANE	1.942	309844	2.461 ug/ml
2) N-DECANE	4.433	308192	2.616 ug/ml
3) N-DODECANE	6.605	243349	2.079 ug/mlm
4) N-TETRADECANE	8.473	292800	2.411 ug/mlm
5) N-HEXADECANE	10.066	340721	2.677 ug/ml
6) N-OCTADECANE	11.502	364184	2.725 ug/ml
7) N-EICOSANE	12.809	363241	2.613 ug/mlm
8) N-DOCOSANE	14.009	377203	2.750 ug/ml
10) N-TETRACOSANE	15.121	381024	2.764 ug/ml
11) N-HEXACOSANE	16.148	374073	2.706 ug/ml
12) N-OCTACOSANE	17.100	375563	2.741 ug/ml
13) N-TRIACONTANE	17.989	362074	2.611 ug/ml
14) N-DOTRIACONTANE	18.824	311176	2.283 ug/ml
15) N-TETRATRIACONTANE	19.611	227153	1.726 ug/ml
16) N-HEXATRIACONTANE	20.353	172319	1.346 ug/mlm
17) N-OCTATRIACONTANE	21.086	133065	1.163 ug/mlm
18) N-TETRACONTANE	21.978	140110	1.305 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101024\
Data File : FG014395.D
Signal(s) : FID1A.ch
Acq On : 10 Oct 2024 16:39
Operator : YP\AJ
Sample : P4368-04
Misc : 2.5 PPM SOIL LOD
ALS Vial : 64 Sample Multiplier: 1

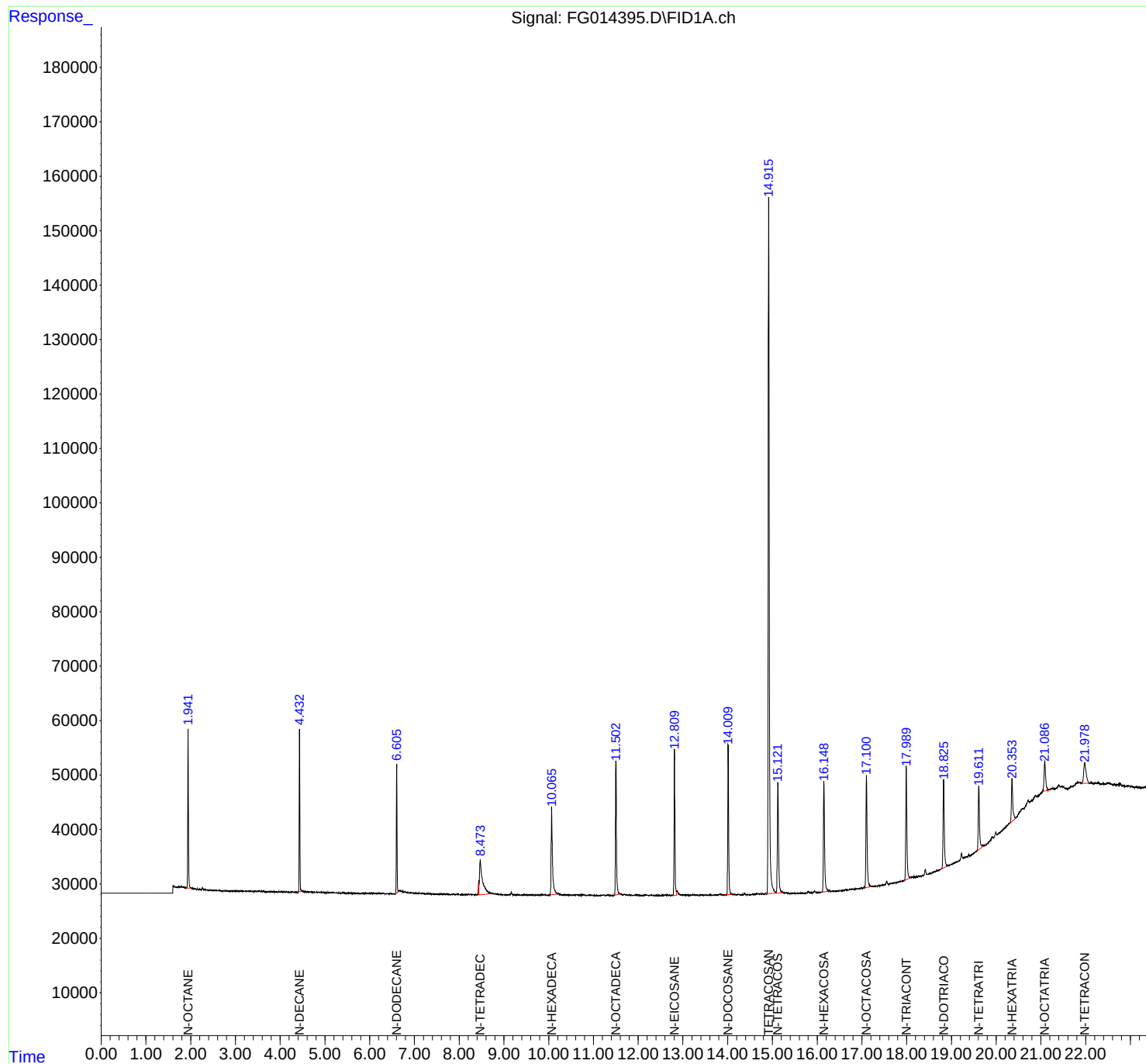
Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-04-QT4-2024

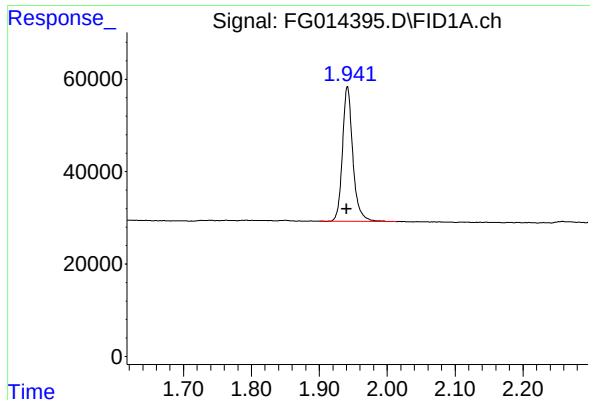
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
Quant Time: Oct 11 02:16:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100224.M
Quant Title :
QLast Update : Thu Oct 03 05:57:06 2024
Response via : Initial Calibration
Integrator: ChemStation

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





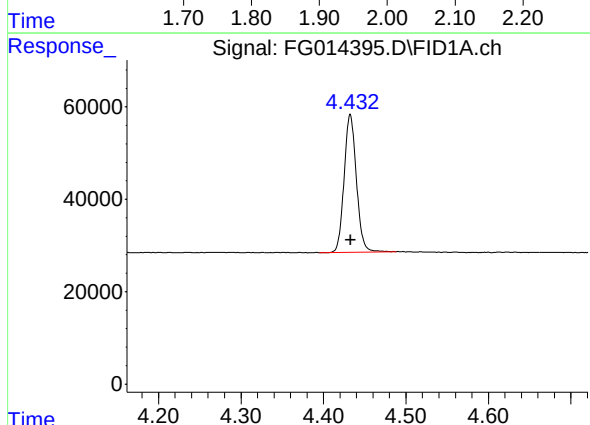
#1 N-OCTANE

R.T.: 1.942 min
Delta R.T.: 0.002 min
Response: 309844
Conc: 2.46 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-04-QT4-2024

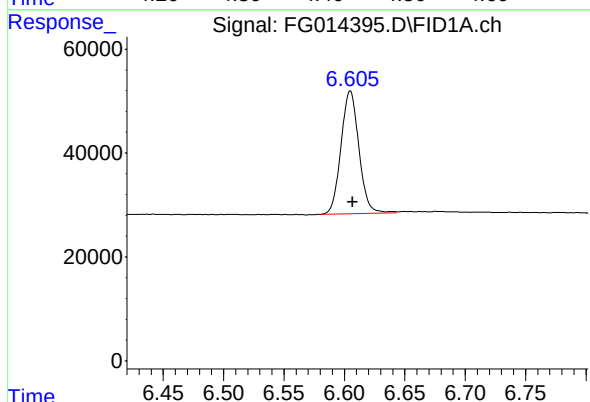
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024



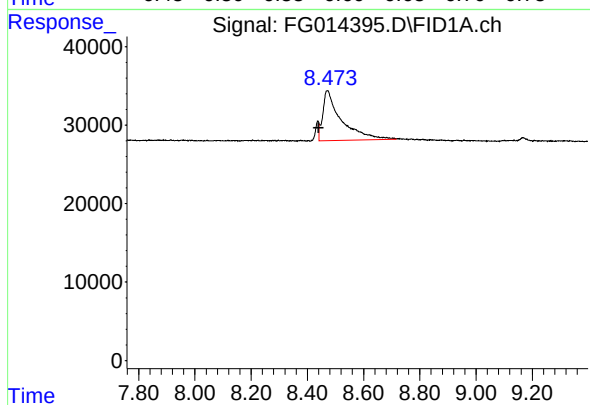
#2 N-DECANE

R.T.: 4.433 min
Delta R.T.: 0.000 min
Response: 308192
Conc: 2.62 ug/ml



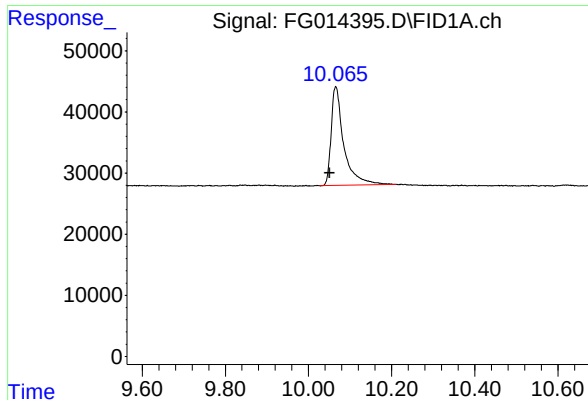
#3 N-DODECANE

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 243349
Conc: 2.08 ug/ml m



#4 N-TETRADECANE

R.T.: 8.473 min
Delta R.T.: 0.031 min
Response: 292800
Conc: 2.41 ug/ml m



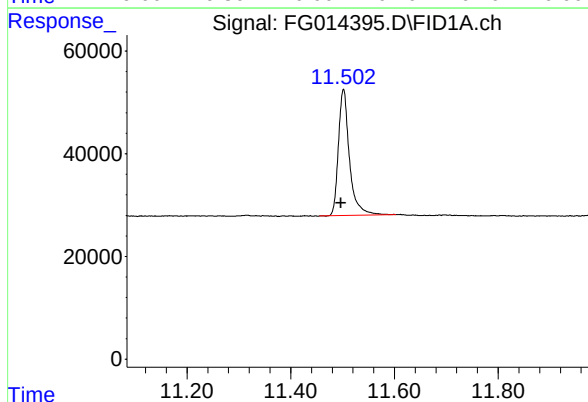
#5 N-HEXADECANE

R.T.: 10.066 min
Delta R.T.: 0.014 min
Response: 340721
Conc: 2.68 ug/ml

Instrument : FID_G
ClientSampleId : LOD-MDL-SOIL-04-QT4-2024

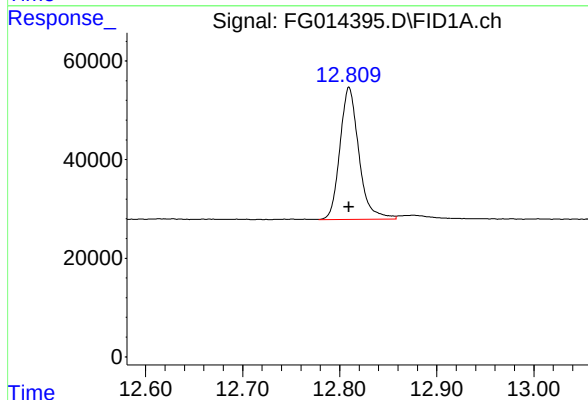
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024



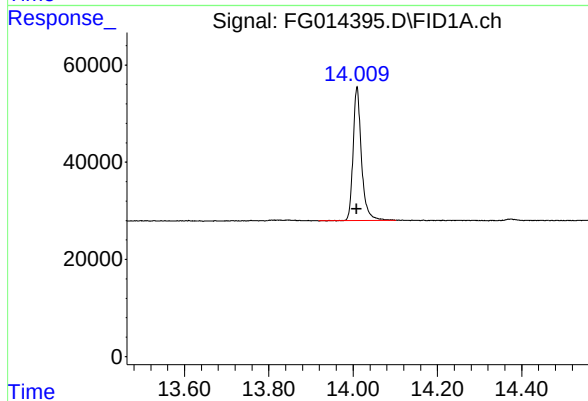
#6 N-OCTADECANE

R.T.: 11.502 min
Delta R.T.: 0.005 min
Response: 364184
Conc: 2.72 ug/ml



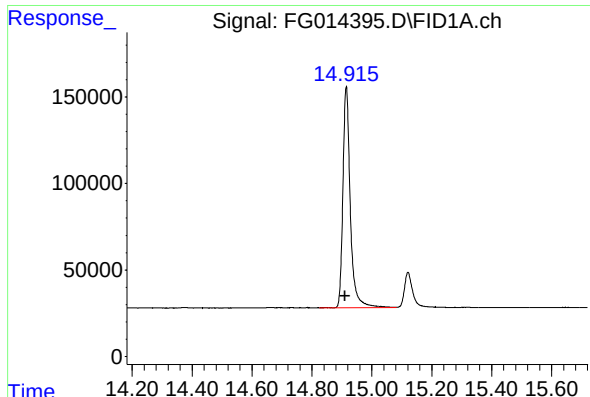
#7 N-EICOSANE

R.T.: 12.809 min
Delta R.T.: 0.000 min
Response: 363241
Conc: 2.61 ug/ml m



#8 N-DOCOSANE

R.T.: 14.009 min
Delta R.T.: 0.001 min
Response: 377203
Conc: 2.75 ug/ml



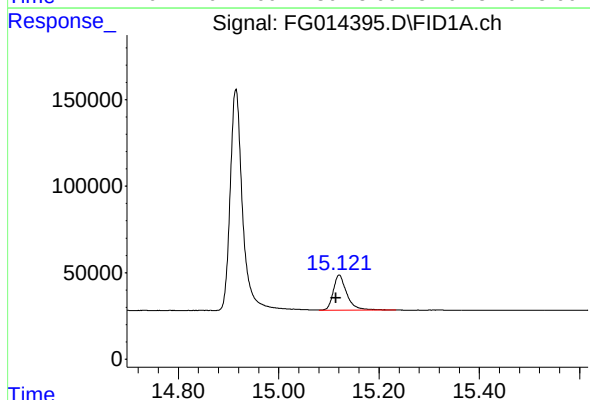
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.915 min
Delta R.T.: 0.004 min
Response: 2189209
Conc: 17.68 ug/ml

Instrument : FID_G
ClientSampleId : LOD-MDL-SOIL-04-QT4-2024

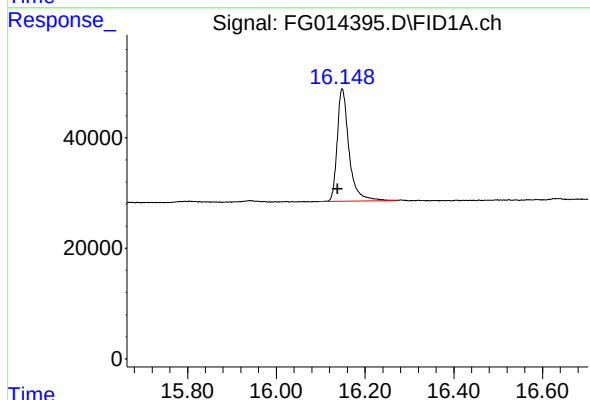
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024



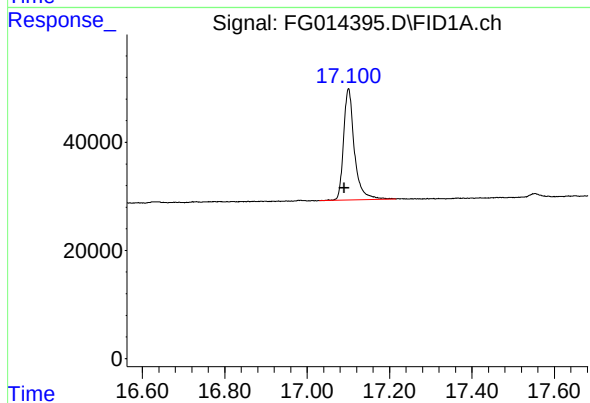
#10 N-TETRACOSANE

R.T.: 15.121 min
Delta R.T.: 0.006 min
Response: 381024
Conc: 2.76 ug/ml



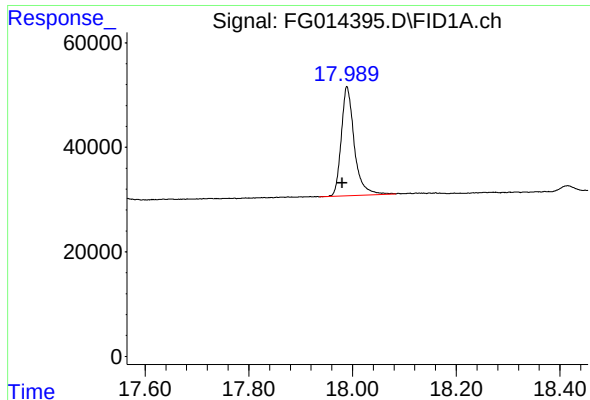
#11 N-HEXACOSANE

R.T.: 16.148 min
Delta R.T.: 0.010 min
Response: 374073
Conc: 2.71 ug/ml



#12 N-OCTACOSANE

R.T.: 17.100 min
Delta R.T.: 0.010 min
Response: 375563
Conc: 2.74 ug/ml



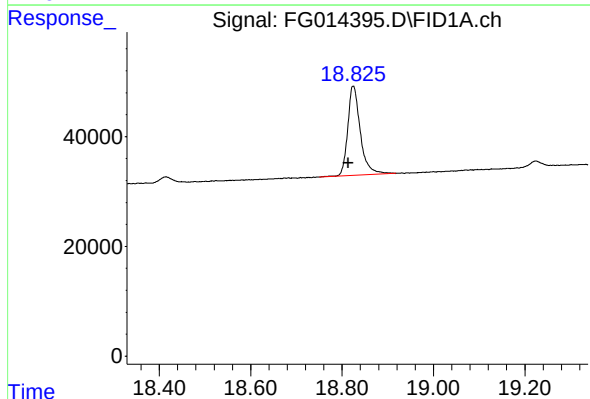
#13 N-TRIACONTANE

R.T.: 17.989 min
Delta R.T.: 0.009 min
Response: 362074
Conc: 2.61 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-04-QT4-2024

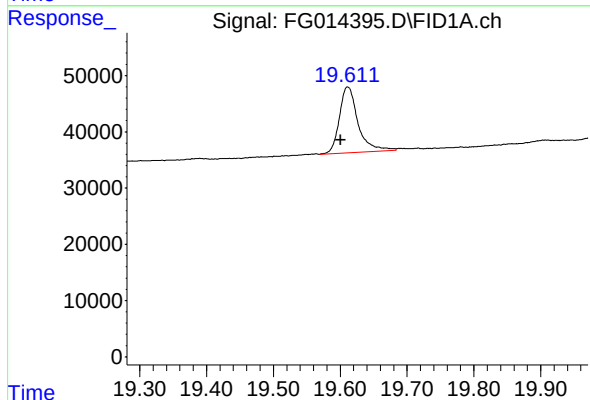
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024



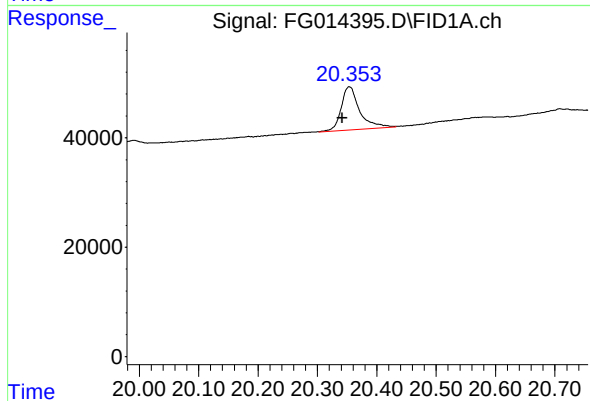
#14 N-DOTRIACONTANE

R.T.: 18.824 min
Delta R.T.: 0.011 min
Response: 311176
Conc: 2.28 ug/ml



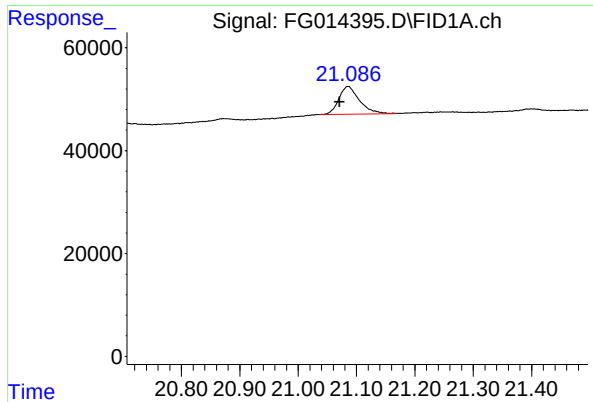
#15 N-TETRATRIACONTANE

R.T.: 19.611 min
Delta R.T.: 0.011 min
Response: 227153
Conc: 1.73 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.353 min
Delta R.T.: 0.011 min
Response: 172319
Conc: 1.35 ug/ml m



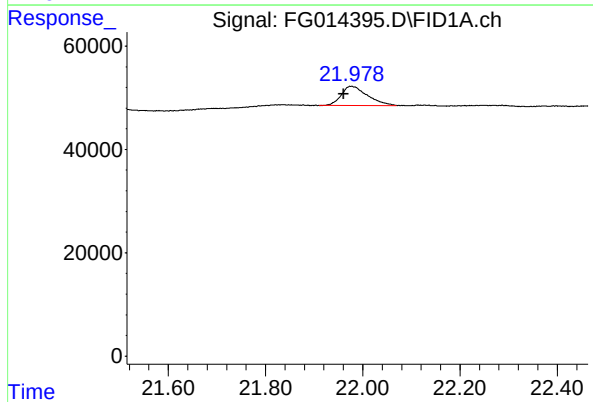
#17 N-OCTATRIACONTANE

R.T.: 21.086 min
Delta R.T.: 0.015 min
Response: 133065
Conc: 1.16 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-04-QT4-2024

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024



#18 N-TETRACONTANE

R.T.: 21.978 min
Delta R.T.: 0.016 min
Response: 140110
Conc: 1.31 ug/ml m