

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100522\
 Data File : FG010778.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2022 00:23
 Operator : YP\AJ
 Sample : N4955-05
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-05-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2022
 Supervised By :Ankita Jodhani 10/06/2022

Integration File: autoint1.e
 Quant Time: Oct 06 06:42:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092822.M
 Quant Title :
 QLast Update : Thu Sep 29 02:21:49 2022
 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...	14.740	3047229	25.117 ug/ml
Target Compounds			
1) N-OCTANE	1.772	728799	5.717 ug/ml
2) N-DECANE	4.264	821653	6.314 ug/ml
3) N-DODECANE	6.445	826369	6.231 ug/ml
4) N-TETRADECANE	8.276	833432	6.215 ug/ml
5) N-HEXADECANE	9.884	878894	6.339 ug/ml
6) N-OCTADECANE	11.327	906097	6.429 ug/ml
7) N-EICOSANE	12.638	906100	6.408 ug/ml
8) N-DOCOSANE	13.837	901352	6.511 ug/ml
10) N-TETRACOSANE	14.942	898055	6.518 ug/ml
11) N-HEXACOSANE	15.965	882446	6.541 ug/ml
12) N-OCTACOSANE	16.916	860395	6.561 ug/ml
13) N-TRIACONTANE	17.807	843992	6.557 ug/ml
14) N-DOTRIACONTANE	18.640	786788	6.192 ug/ml
15) N-TETRATRIACONTANE	19.425	664133	5.290 ug/mlm
16) N-HEXATRIACONTANE	20.167	506524	4.206 ug/ml
17) N-OCTATRIACONTANE	20.875	427862	3.481 ug/ml
18) N-TETRACONTANE	21.699	383725	3.055 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100522\
Data File : FG010778.D
Signal(s) : FID1A.ch
Acq On : 06 Oct 2022 00:23
Operator : YP\AJ
Sample : N4955-05
Misc : 5 PPM SOIL LOQ
ALS Vial : 15 Sample Multiplier: 1

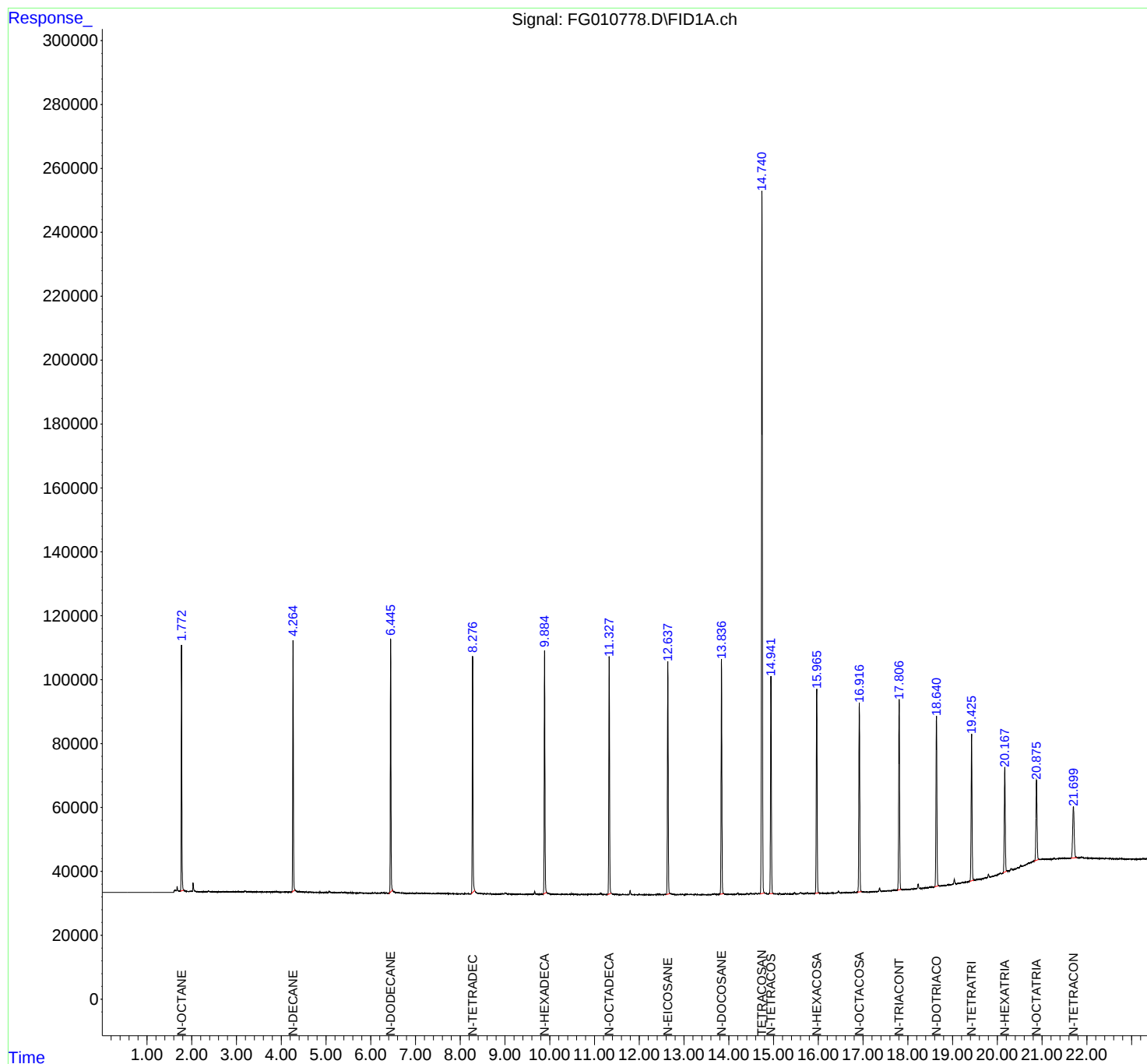
Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT4-2022

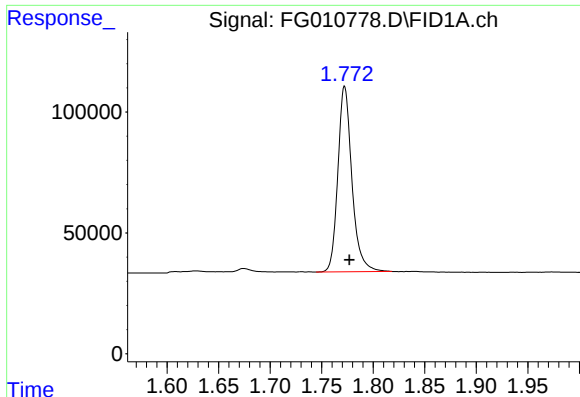
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022

Integration File: autoint1.e
Quant Time: Oct 06 06:42:01 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092822.M
Quant Title :
QLast Update : Thu Sep 29 02:21:49 2022
Response via : Initial Calibration
Integrator: ChemStation

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





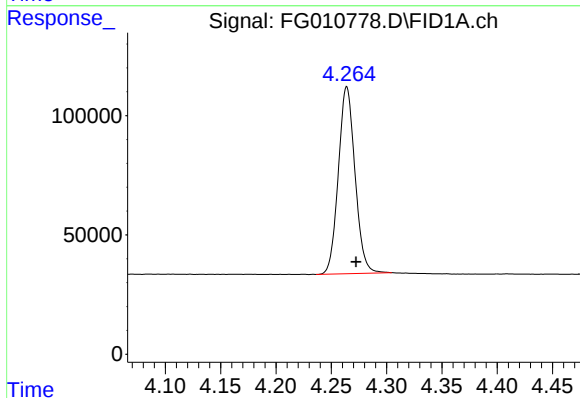
#1 N-OCTANE

R.T.: 1.772 min
Delta R.T.: -0.005 min
Response: 728799
Conc: 5.72 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT4-2022

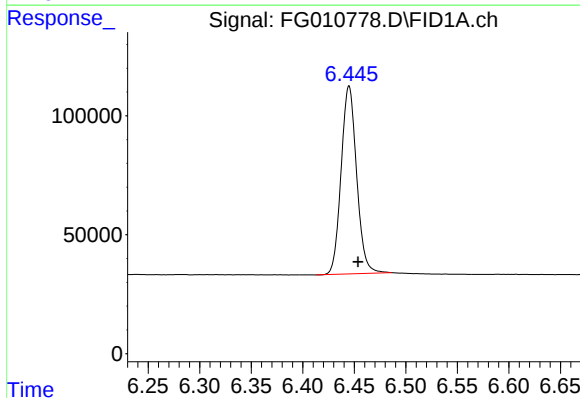
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



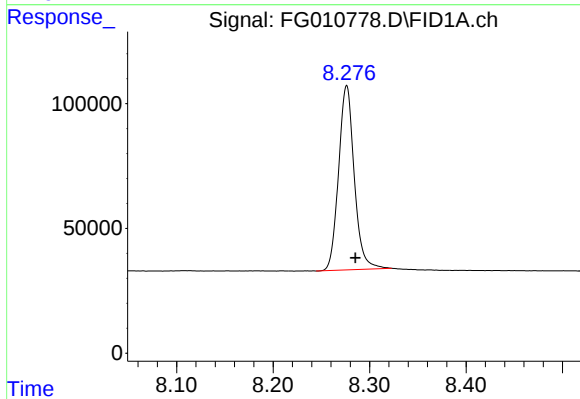
#2 N-DECANE

R.T.: 4.264 min
Delta R.T.: -0.008 min
Response: 821653
Conc: 6.31 ug/ml



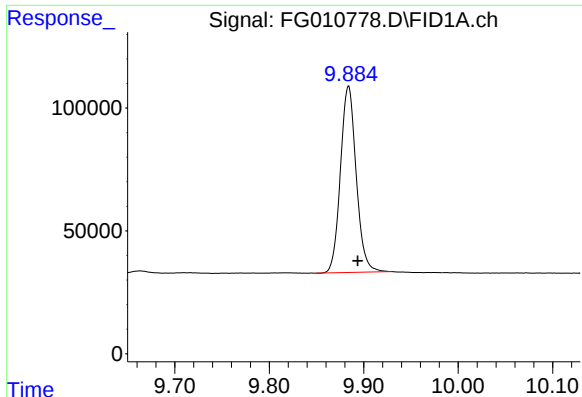
#3 N-DODECANE

R.T.: 6.445 min
Delta R.T.: -0.009 min
Response: 826369
Conc: 6.23 ug/ml



#4 N-TETRADECANE

R.T.: 8.276 min
Delta R.T.: -0.009 min
Response: 833432
Conc: 6.22 ug/ml



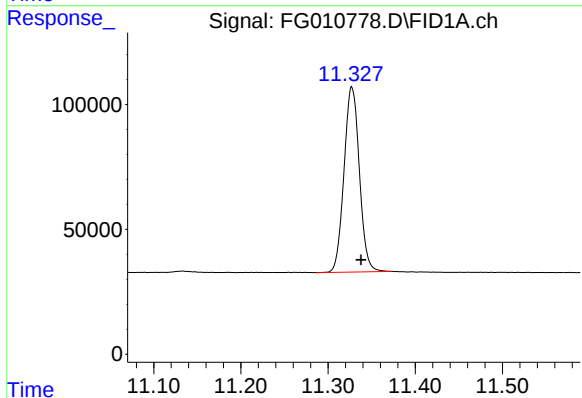
#5 N-HEXADECANE

R.T.: 9.884 min
Delta R.T.: -0.010 min
Response: 878894
Conc: 6.34 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT4-2022

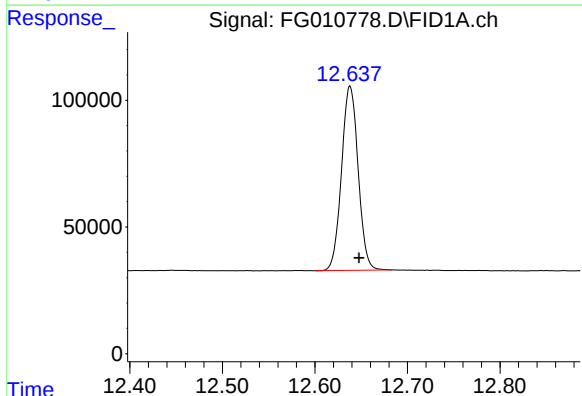
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



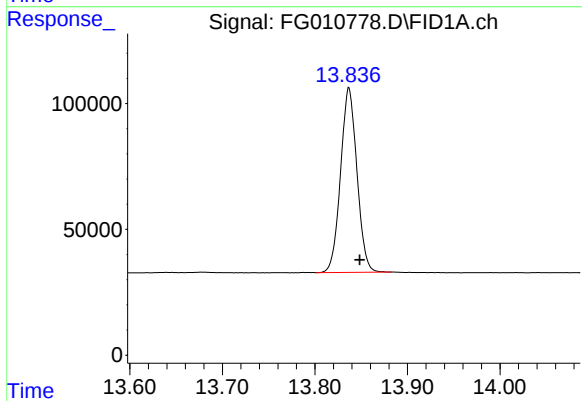
#6 N-OCTADECANE

R.T.: 11.327 min
Delta R.T.: -0.010 min
Response: 906097
Conc: 6.43 ug/ml



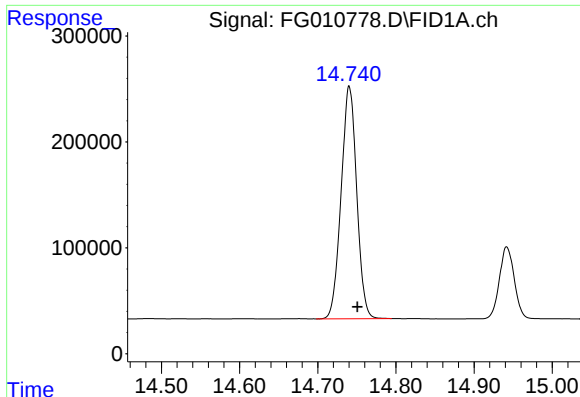
#7 N-EICOSANE

R.T.: 12.638 min
Delta R.T.: -0.010 min
Response: 906100
Conc: 6.41 ug/ml



#8 N-DOCOSANE

R.T.: 13.837 min
Delta R.T.: -0.012 min
Response: 901352
Conc: 6.51 ug/ml



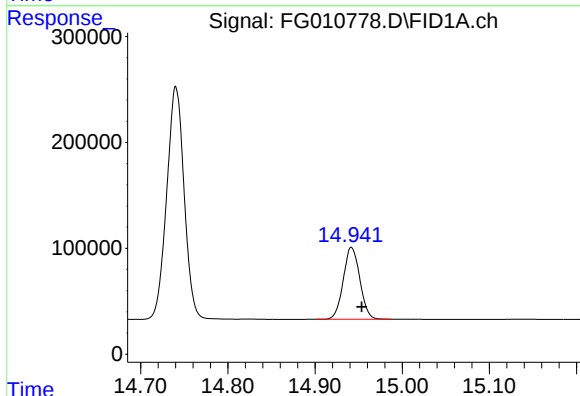
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.740 min
Delta R.T.: -0.010 min
Response: 3047229
Conc: 25.12 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT4-2022

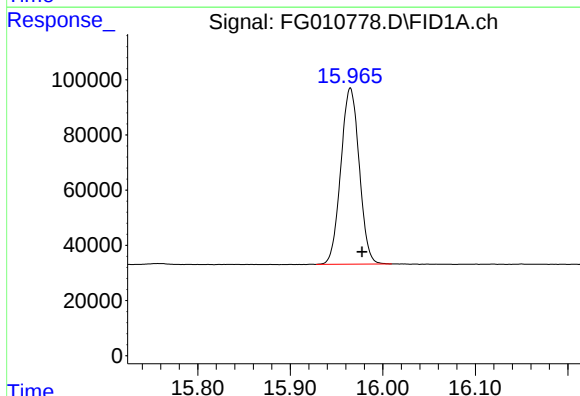
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



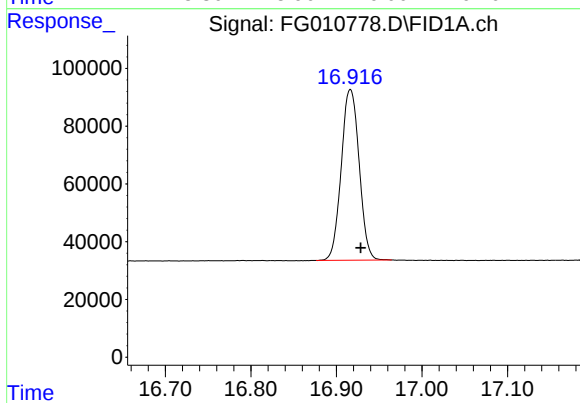
#10 N-TETRACOSANE

R.T.: 14.942 min
Delta R.T.: -0.012 min
Response: 898055
Conc: 6.52 ug/ml



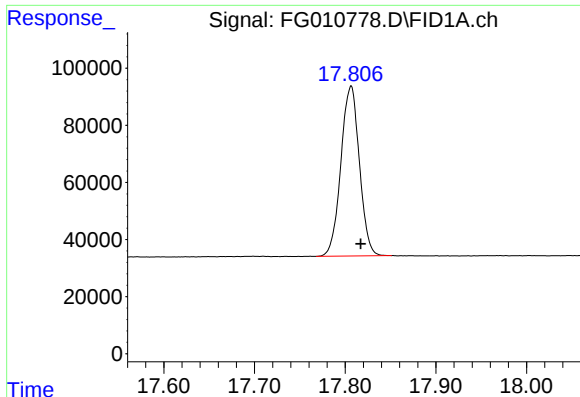
#11 N-HEXACOSANE

R.T.: 15.965 min
Delta R.T.: -0.013 min
Response: 882446
Conc: 6.54 ug/ml



#12 N-OCTACOSANE

R.T.: 16.916 min
Delta R.T.: -0.012 min
Response: 860395
Conc: 6.56 ug/ml



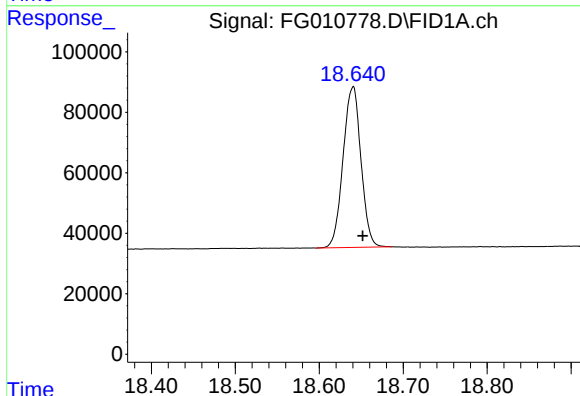
#13 N-TRIACONTANE

R.T.: 17.807 min
Delta R.T.: -0.011 min
Response: 843992
Conc: 6.56 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT4-2022

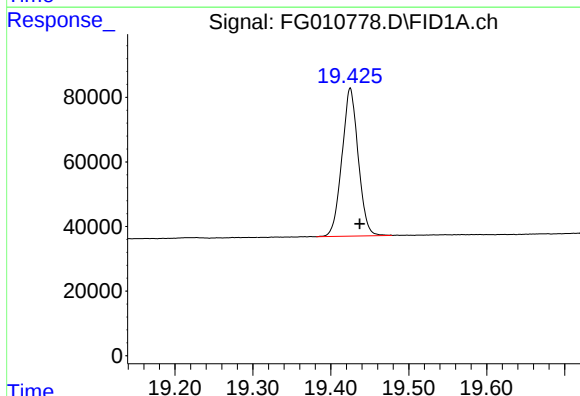
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



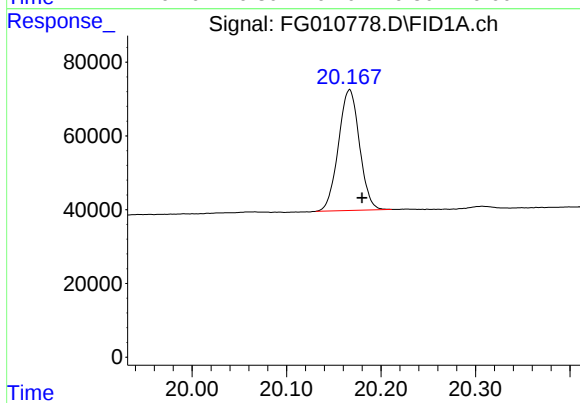
#14 N-DOTRIACONTANE

R.T.: 18.640 min
Delta R.T.: -0.012 min
Response: 786788
Conc: 6.19 ug/ml



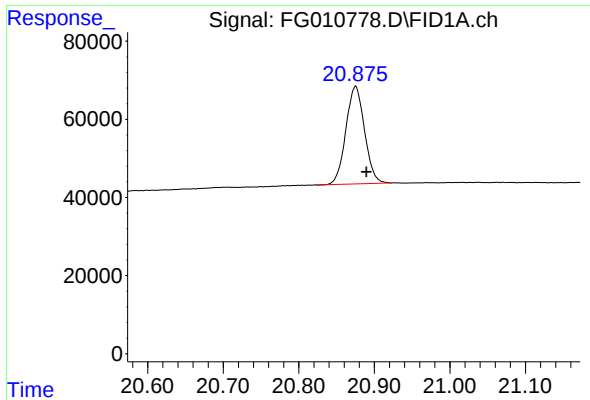
#15 N-TETRATRIACONTANE

R.T.: 19.425 min
Delta R.T.: -0.012 min
Response: 664133
Conc: 5.29 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.167 min
Delta R.T.: -0.013 min
Response: 506524
Conc: 4.21 ug/ml



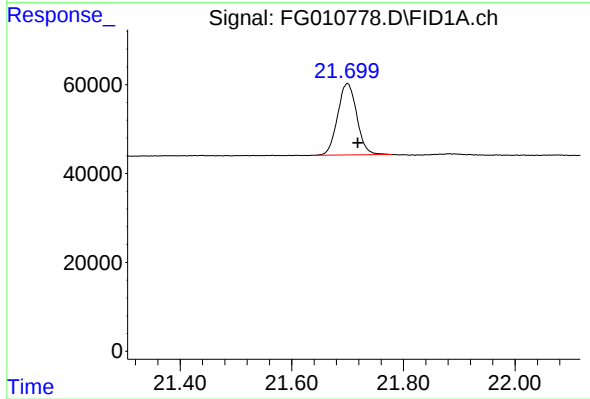
#17 N-OCTATRIACONTANE

R.T.: 20.875 min
Delta R.T.: -0.014 min
Response: 427862
Conc: 3.48 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT4-2022

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



#18 N-TETRACONTANE

R.T.: 21.699 min
Delta R.T.: -0.019 min
Response: 383725
Conc: 3.05 ug/ml m