

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061125\
 Data File : FG016056.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 18:10
 Operator : YP\AJ
 Sample : Q2126-06
 Misc : 1 PPM SOIL MDL
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-06-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
 Quant Time: Jun 12 02:15:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 2025
 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...	14.966	2136468	17.432 ug/ml
Target Compounds			
1) N-OCTANE	1.953	91069	0.775 ug/ml
2) N-DECANE	4.475	87874	0.748 ug/mlm
3) N-DODECANE	6.662	92138	0.759 ug/mlm
4) N-TETRADECANE	8.510	111442	0.873 ug/mlm
5) N-HEXADECANE	10.114	104936	0.788 ug/mlm
6) N-OCTADECANE	11.557	109977	0.797 ug/mlm
7) N-EICOSANE	12.868	118620	0.840 ug/ml
8) N-DOCOSANE	14.067	125704	0.915 ug/mlm
10) N-TETRACOSANE	15.172	131006	0.953 ug/ml
11) N-HEXACOSANE	16.197	127133	0.936 ug/ml
12) N-OCTACOSANE	17.150	148047	1.098 ug/ml
13) N-TRIACONTANE	18.040	179689	1.317 ug/mlm
14) N-DOTRIACONTANE	18.872	194733	1.454 ug/mlm
15) N-TETRATRIACONTANE	19.658	158871	1.310 ug/mlm
16) N-HEXATRIACONTANE	20.399	120168	1.125 ug/ml
17) N-OCTATRIACONTANE	21.135	96028	1.001 ug/ml
18) N-TETRACONTANE	22.043	80061	0.910 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061125\
Data File : FG016056.D
Signal(s) : FID1A.ch
Acq On : 11 Jun 2025 18:10
Operator : YP\AJ
Sample : Q2126-06
Misc : 1 PPM SOIL MDL
ALS Vial : 72 Sample Multiplier: 1

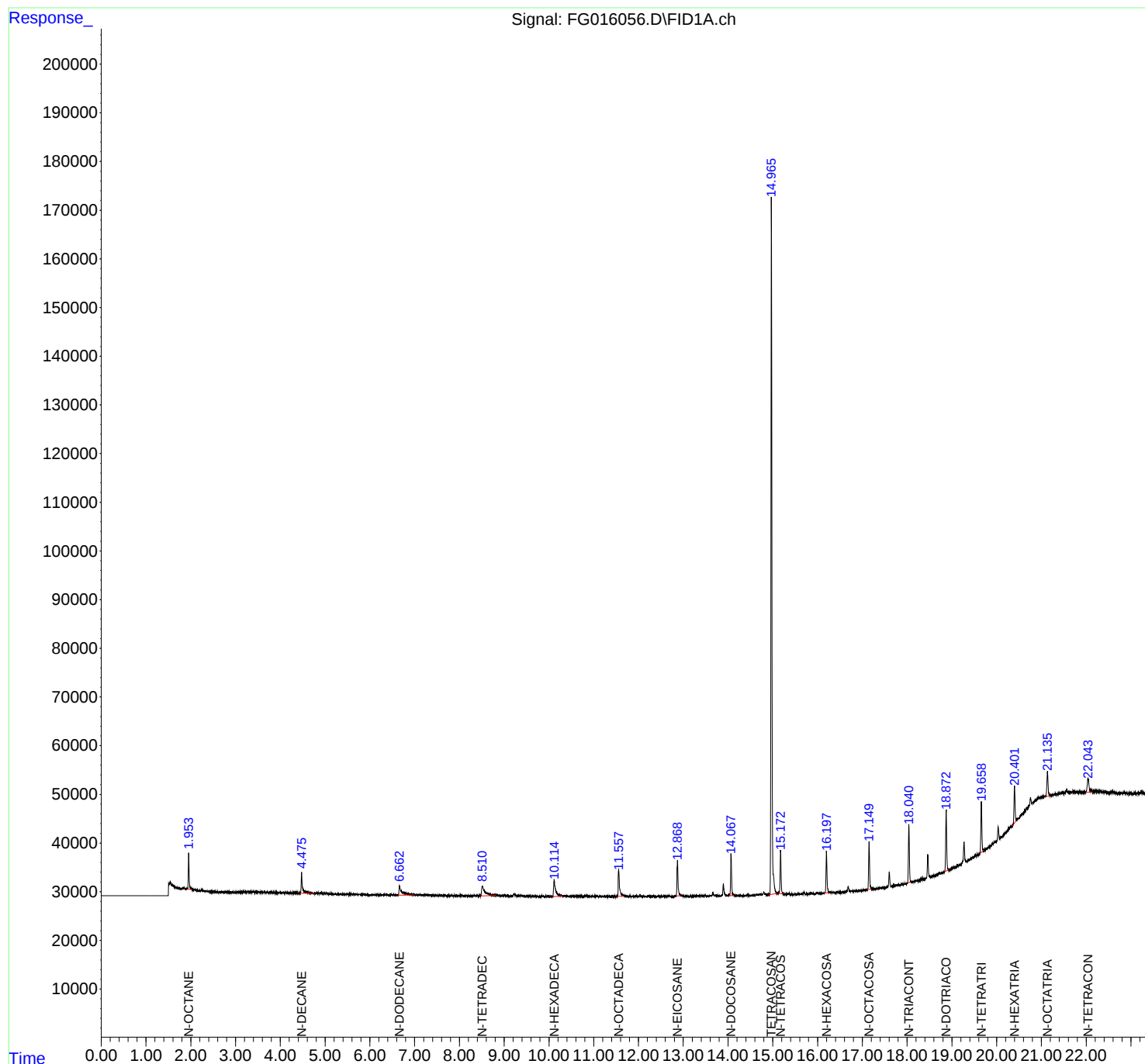
Instrument :
FID_G
ClientSampleId :
MDL-SOIL-06-QT2-2025

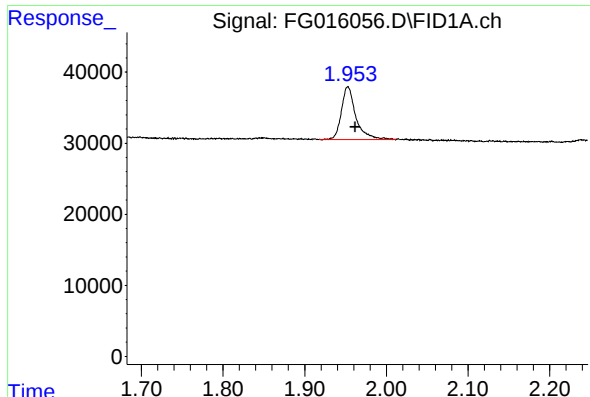
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
Quant Time: Jun 12 02:15:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
Quant Title :
QLast Update : Thu May 22 06:20:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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





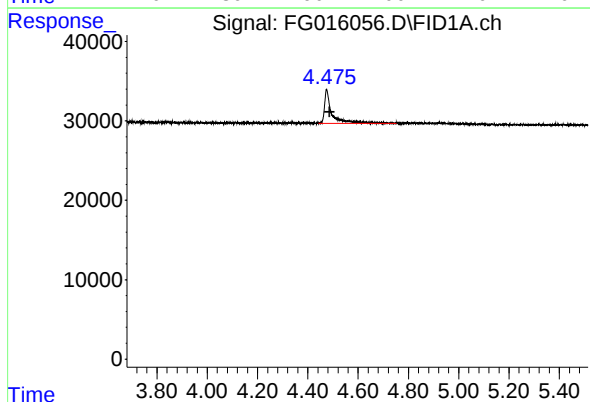
#1 N-OCTANE

R.T.: 1.953 min
Delta R.T.: -0.009 min
Response: 91069
Conc: 0.77 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-06-QT2-2025

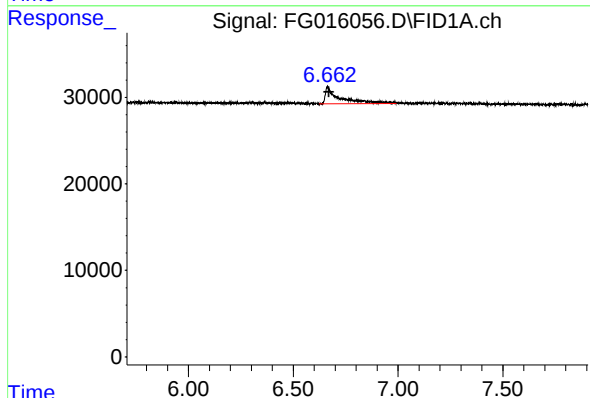
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



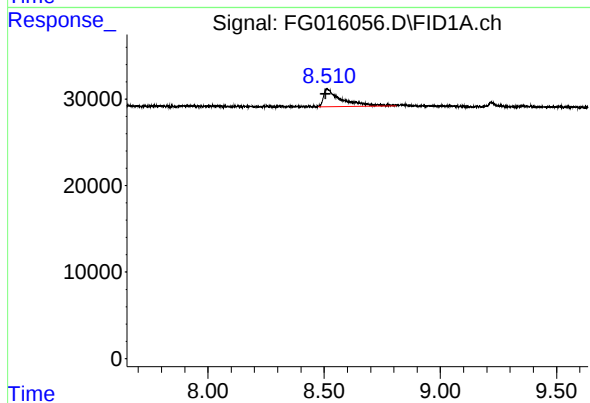
#2 N-DECANE

R.T.: 4.475 min
Delta R.T.: -0.012 min
Response: 87874
Conc: 0.75 ug/ml m



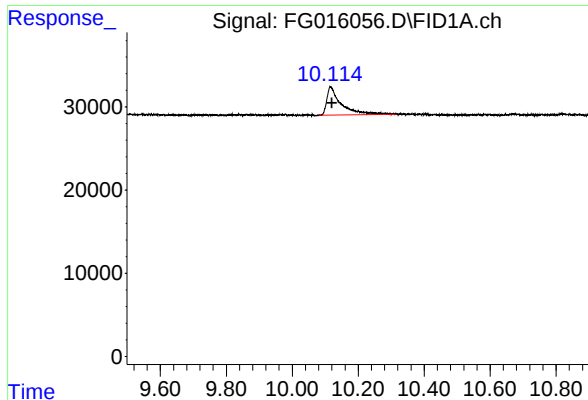
#3 N-DODECANE

R.T.: 6.662 min
Delta R.T.: -0.009 min
Response: 92138
Conc: 0.76 ug/ml m



#4 N-TETRADECANE

R.T.: 8.510 min
Delta R.T.: 0.003 min
Response: 111442
Conc: 0.87 ug/ml m



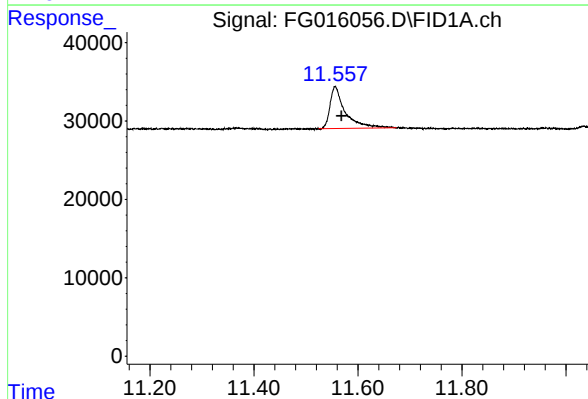
#5 N-HEXADECANE

R.T.: 10.114 min
Delta R.T.: -0.006 min
Response: 104936
Conc: 0.79 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-06-QT2-2025

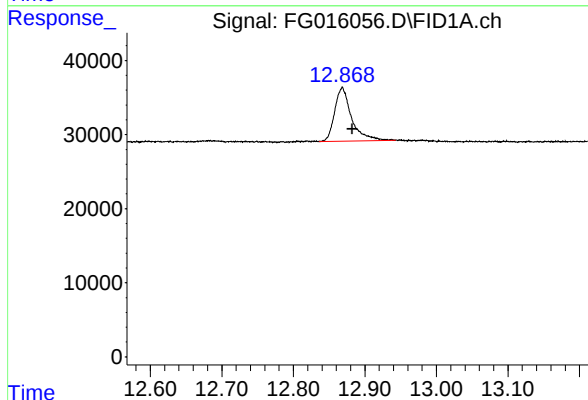
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



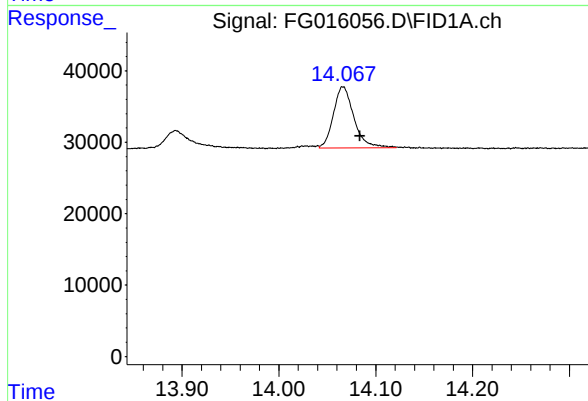
#6 N-OCTADECANE

R.T.: 11.557 min
Delta R.T.: -0.012 min
Response: 109977
Conc: 0.80 ug/ml m



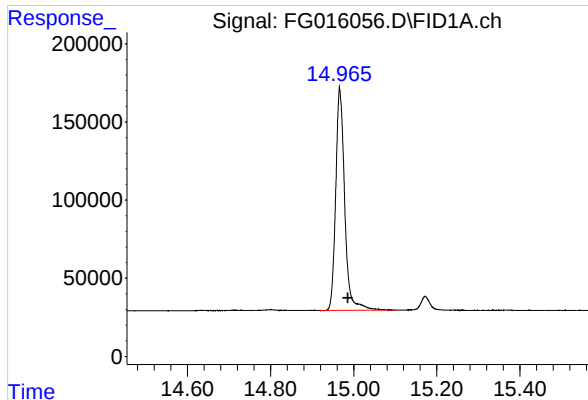
#7 N-EICOSANE

R.T.: 12.868 min
Delta R.T.: -0.014 min
Response: 118620
Conc: 0.84 ug/ml



#8 N-DOCOSANE

R.T.: 14.067 min
Delta R.T.: -0.017 min
Response: 125704
Conc: 0.92 ug/ml m



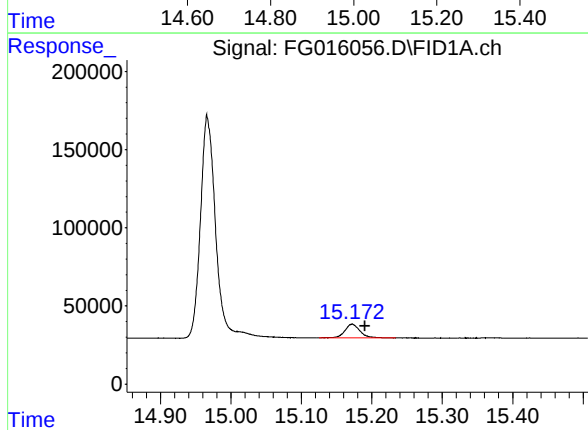
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.966 min
Delta R.T.: -0.020 min
Response: 2136468
Conc: 17.43 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-06-QT2-2025

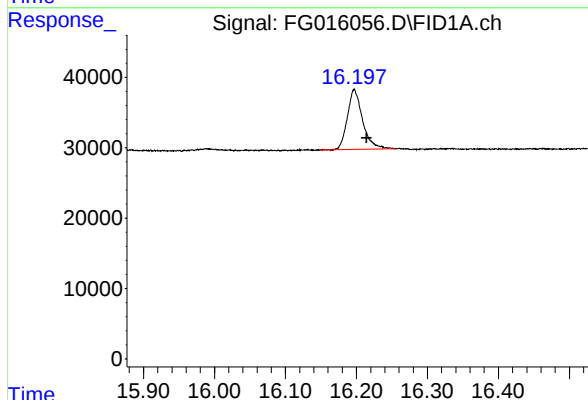
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



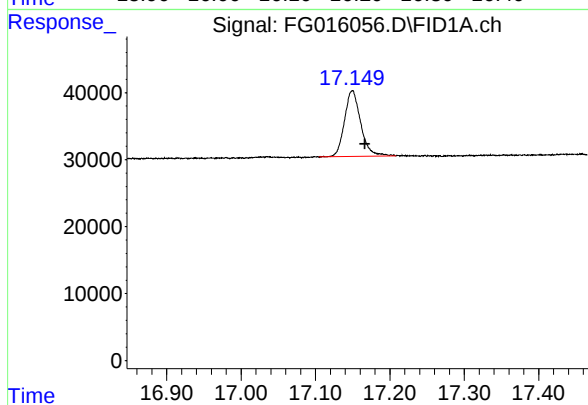
#10 N-TETRACOSANE

R.T.: 15.172 min
Delta R.T.: -0.018 min
Response: 131006
Conc: 0.95 ug/ml



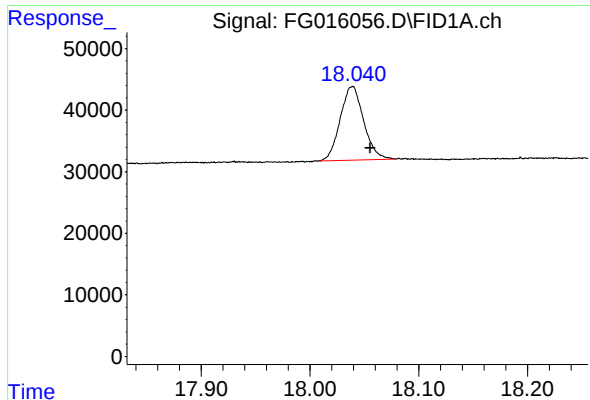
#11 N-HEXACOSANE

R.T.: 16.197 min
Delta R.T.: -0.018 min
Response: 127133
Conc: 0.94 ug/ml



#12 N-OCTACOSANE

R.T.: 17.150 min
Delta R.T.: -0.017 min
Response: 148047
Conc: 1.10 ug/ml



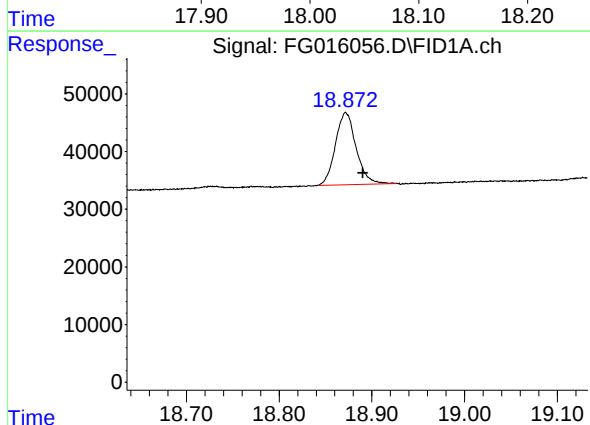
#13 N-TRIACONTANE

R.T.: 18.040 min
Delta R.T.: -0.015 min
Response: 179689
Conc: 1.32 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-06-QT2-2025

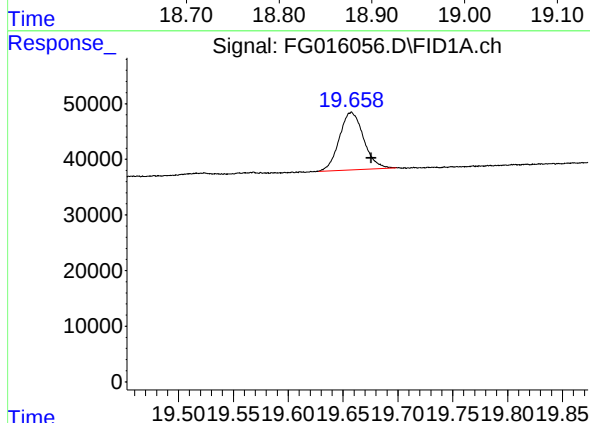
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



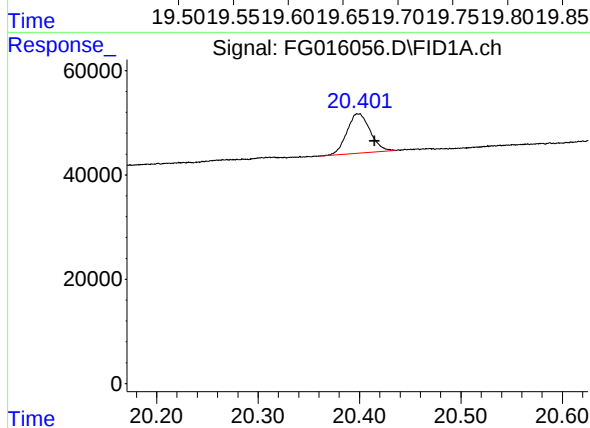
#14 N-DOTRIACONTANE

R.T.: 18.872 min
Delta R.T.: -0.019 min
Response: 194733
Conc: 1.45 ug/ml m



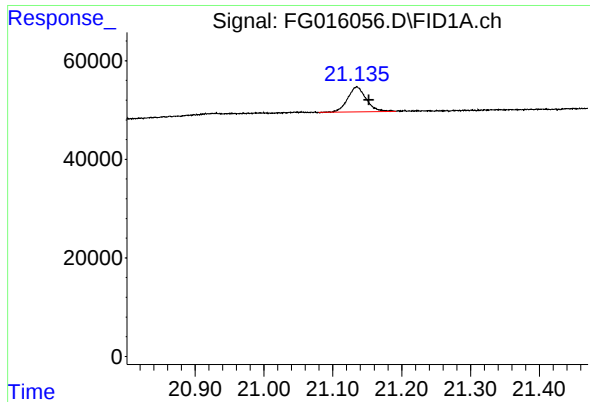
#15 N-TETRATRIACONTANE

R.T.: 19.658 min
Delta R.T.: -0.018 min
Response: 158871
Conc: 1.31 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.399 min
Delta R.T.: -0.016 min
Response: 120168
Conc: 1.13 ug/ml



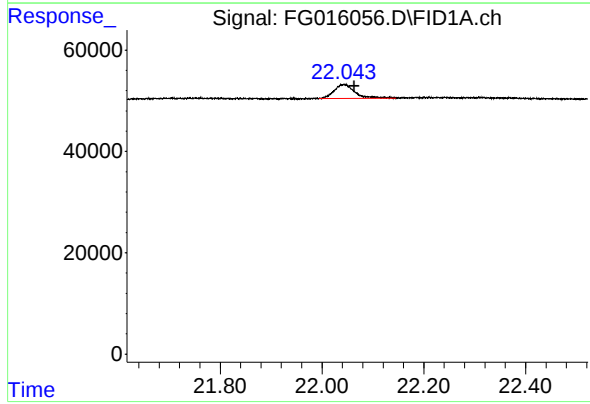
#17 N-OCTATRIACONTANE

R.T.: 21.135 min
Delta R.T.: -0.017 min
Response: 96028
Conc: 1.00 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-06-QT2-2025

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



#18 N-TETRACONTANE

R.T.: 22.043 min
Delta R.T.: -0.021 min
Response: 80061
Conc: 0.91 ug/ml m