

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112525\
 Data File : FG017005.D
 Signal(s) : FID1A.ch
 Acq On : 25 Nov 2025 19:39
 Operator : YP\AJ
 Sample : Q3530-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-06-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File: autoint1.e
 Quant Time: Nov 26 03:17:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:18:34 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...	15.139	1606866	14.937 ug/ml
Target Compounds			
1) N-OCTANE	2.084	98850	0.834 ug/ml
2) N-DECANE	4.618	69468	0.601 ug/ml
3) N-DODECANE	6.809	18084	0.155 ug/mlm
4) N-TETRADECANE	8.696	20242	0.177 ug/mlm
5) N-HEXADECANE	10.290	35412	0.308 ug/mlm
6) N-OCTADECANE	11.730	60688	0.499 ug/ml
7) N-EICOSANE	13.038	83032	0.659 ug/ml
8) N-DOCOSANE	14.238	87286	0.709 ug/ml
10) N-TETRACOSANE	15.348	120489	0.986 ug/ml
11) N-HEXACOSANE	16.391	77367	0.655 ug/ml
12) N-OCTACOSANE	17.346	73802	0.624 ug/ml
13) N-TRIACONTANE	18.238	85384	0.726 ug/ml
14) N-DOTRIACONTANE	19.073	94841	0.836 ug/ml
15) N-TETRATRIACONTANE	19.858	91126	0.862 ug/ml
16) N-HEXATRIACONTANE	20.604	85750	0.907 ug/ml
17) N-OCTATRIACONTANE	21.382	79096	0.981 ug/ml
18) N-TETRACONTANE	22.366	65582	0.938 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112525\
Data File : FG017005.D
Signal(s) : FID1A.ch
Acq On : 25 Nov 2025 19:39
Operator : YP\AJ
Sample : Q3530-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

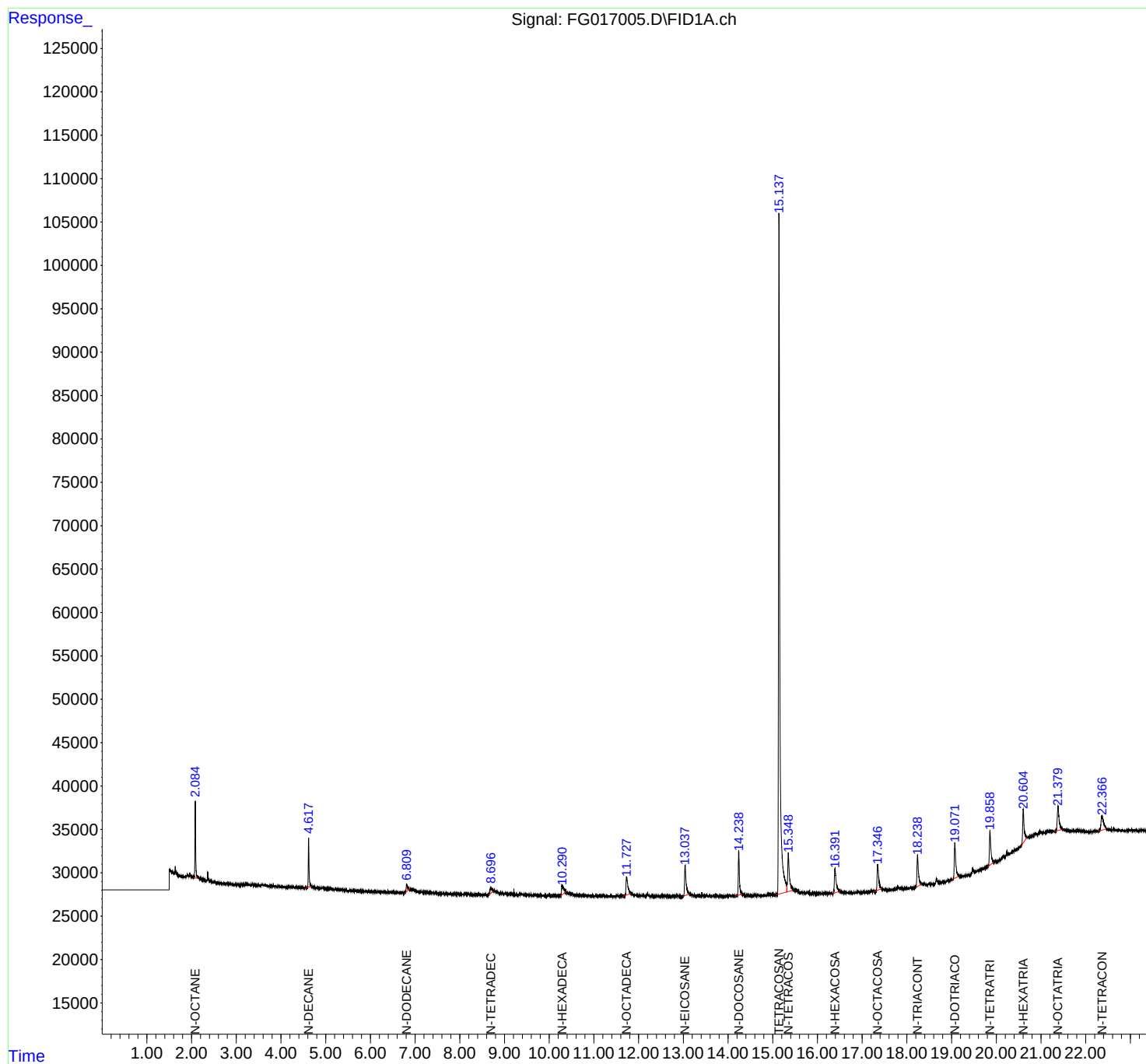
Instrument :
FID_G
ClientSampleId :
MDL-SOIL-06-QT4-2025

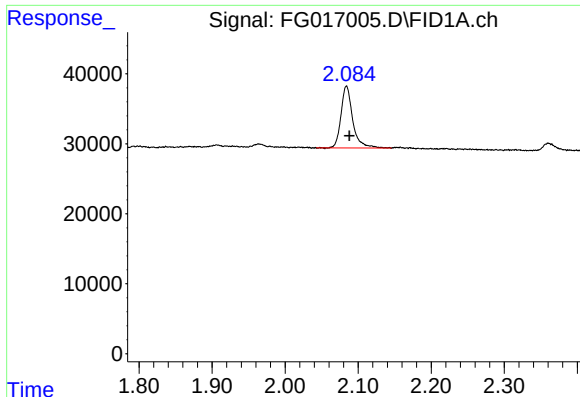
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File: autoint1.e
Quant Time: Nov 26 03:17:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102925.M
Quant Title :
QLast Update : Wed Oct 29 12:18:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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





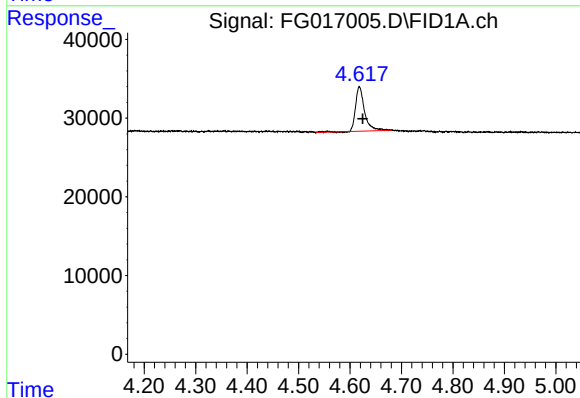
#1 N-OCTANE

R.T.: 2.084 min
Delta R.T.: -0.004 min
Response: 98850
Conc: 0.83 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-06-QT4-2025

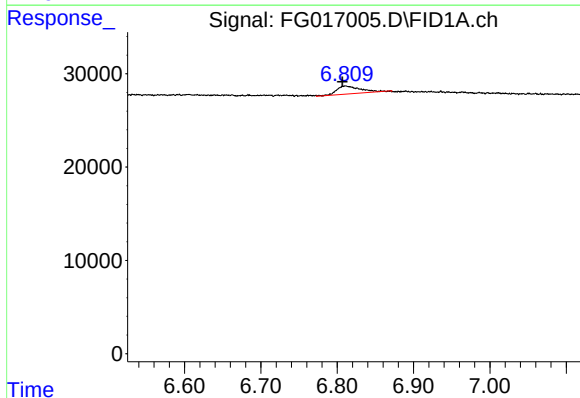
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



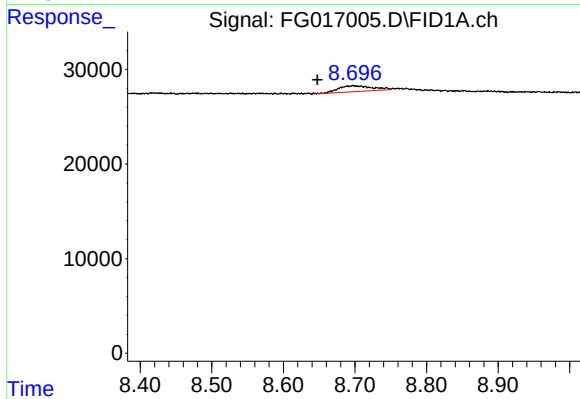
#2 N-DECANE

R.T.: 4.618 min
Delta R.T.: -0.007 min
Response: 69468
Conc: 0.60 ug/ml



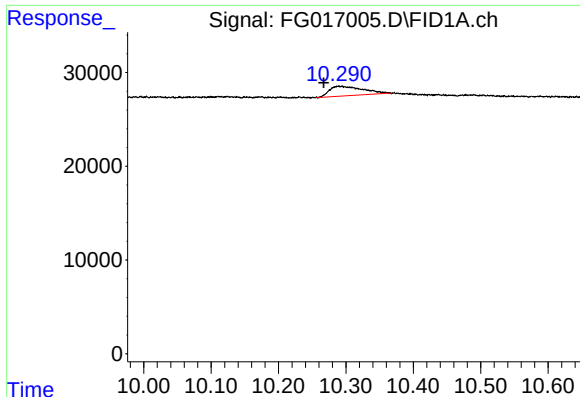
#3 N-DODECANE

R.T.: 6.809 min
Delta R.T.: 0.002 min
Response: 18084
Conc: 0.16 ug/ml m



#4 N-TETRADECANE

R.T.: 8.696 min
Delta R.T.: 0.049 min
Response: 20242
Conc: 0.18 ug/ml m



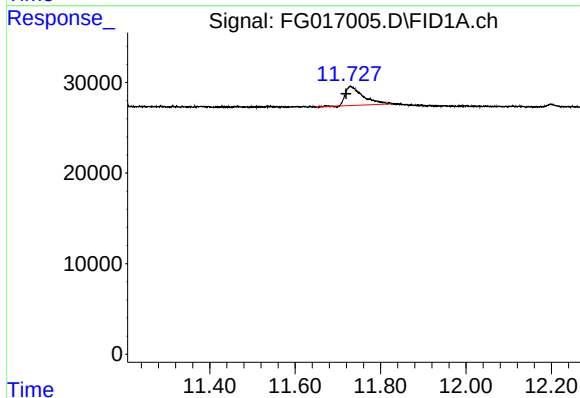
#5 N-HEXADECANE

R.T.: 10.290 min
Delta R.T.: 0.023 min
Response: 35412
Conc: 0.31 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-06-QT4-2025

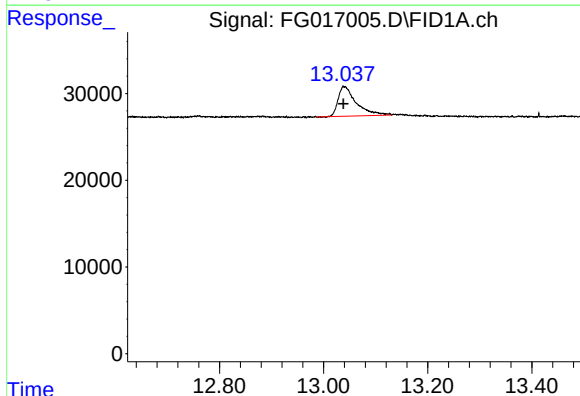
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



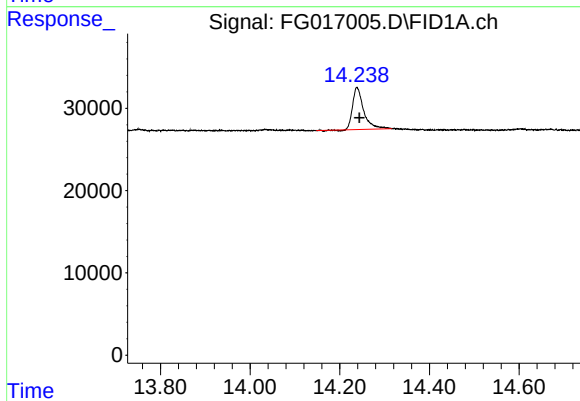
#6 N-OCTADECANE

R.T.: 11.730 min
Delta R.T.: 0.011 min
Response: 60688
Conc: 0.50 ug/ml



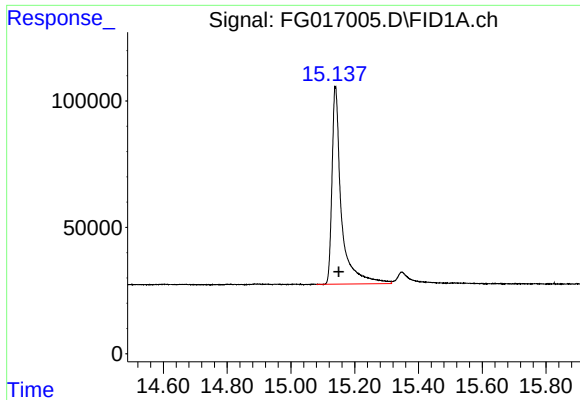
#7 N-EICOSANE

R.T.: 13.038 min
Delta R.T.: 0.000 min
Response: 83032
Conc: 0.66 ug/ml



#8 N-DOCOSANE

R.T.: 14.238 min
Delta R.T.: -0.005 min
Response: 87286
Conc: 0.71 ug/ml



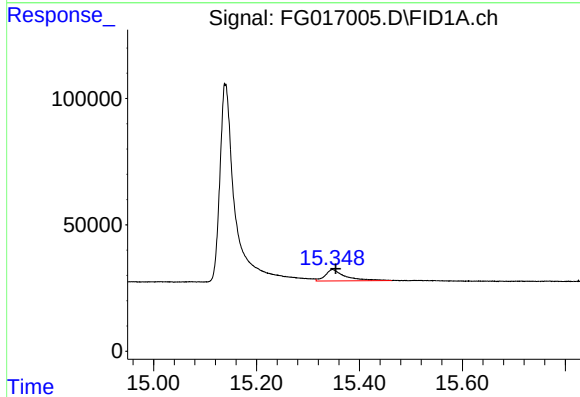
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.139 min
Delta R.T.: -0.010 min
Response: 1606866
Conc: 14.94 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-06-QT4-2025

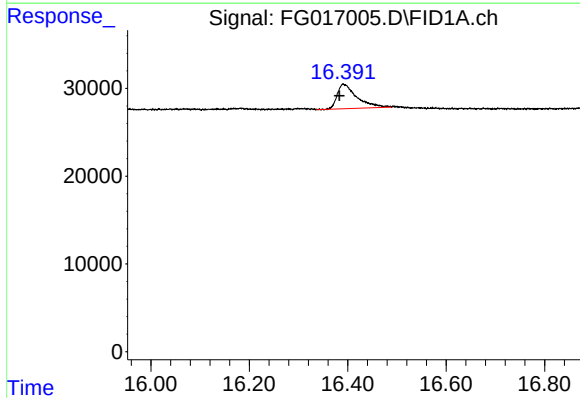
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



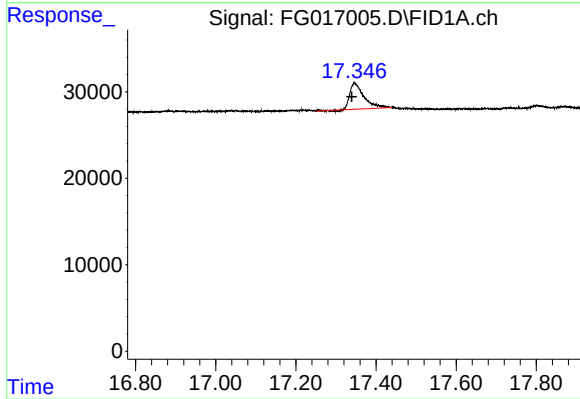
#10 N-TETRACOSANE

R.T.: 15.348 min
Delta R.T.: -0.006 min
Response: 120489
Conc: 0.99 ug/ml



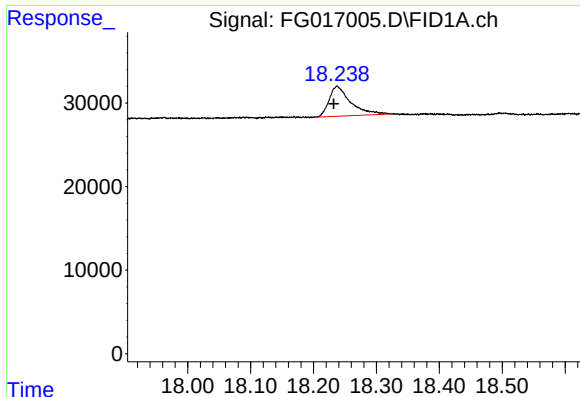
#11 N-HEXACOSANE

R.T.: 16.391 min
Delta R.T.: 0.008 min
Response: 77367
Conc: 0.66 ug/ml



#12 N-OCTACOSANE

R.T.: 17.346 min
Delta R.T.: 0.007 min
Response: 73802
Conc: 0.62 ug/ml



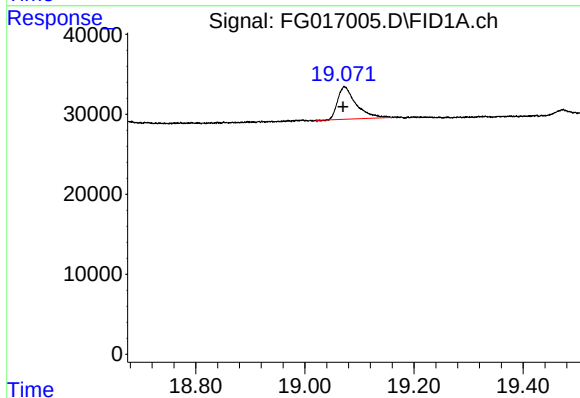
#13 N-TRIACONTANE

R.T.: 18.238 min
Delta R.T.: 0.005 min
Response: 85384
Conc: 0.73 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-06-QT4-2025

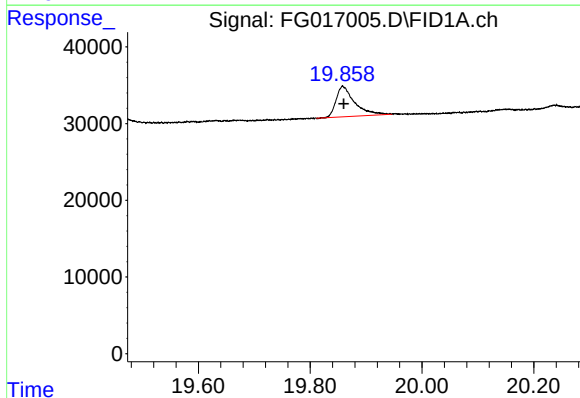
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



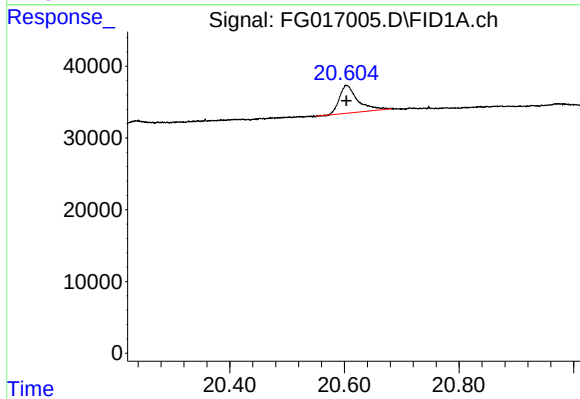
#14 N-DOTRIACONTANE

R.T.: 19.073 min
Delta R.T.: 0.002 min
Response: 94841
Conc: 0.84 ug/ml



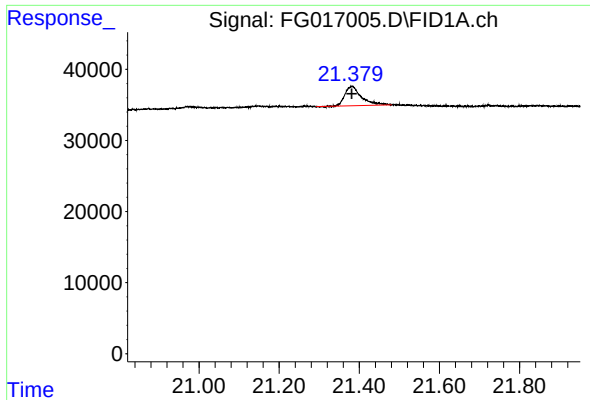
#15 N-TETRATRIACONTANE

R.T.: 19.858 min
Delta R.T.: -0.002 min
Response: 91126
Conc: 0.86 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.604 min
Delta R.T.: 0.000 min
Response: 85750
Conc: 0.91 ug/ml



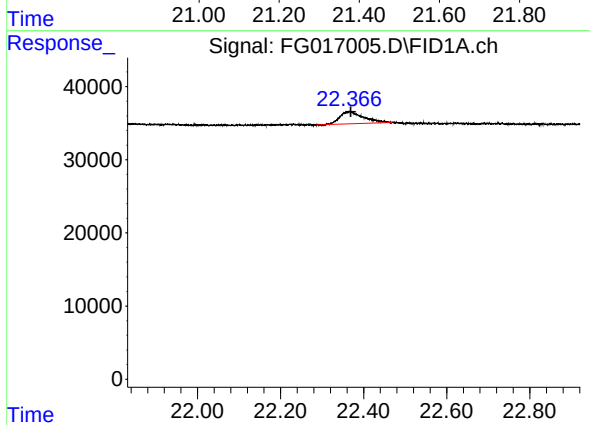
#17 N-OCTATRIACONTANE

R.T.: 21.382 min
Delta R.T.: 0.001 min
Response: 79096
Conc: 0.98 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-06-QT4-2025

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#18 N-TETRACONTANE

R.T.: 22.366 min
Delta R.T.: -0.003 min
Response: 65582
Conc: 0.94 ug/ml