

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
 Data File : FG016372.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2025 15:07
 Operator : YP\AJ
 Sample : Q2893-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-05-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2025
 Supervised By :mohammad ahmed 08/27/2025

Integration File: autoint1.e
 Quant Time: Aug 26 07:15:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.203	1883886	19.773 ug/ml
Target Compounds			
1) N-OCTANE	2.117	522443	4.923 ug/ml
2) N-DECANE	4.665	568007	5.256 ug/ml
3) N-DODECANE	6.849	567167	5.219 ug/ml
4) N-TETRADECANE	8.690	579185	5.297 ug/ml
5) N-HEXADECANE	10.311	571573	5.258 ug/ml
6) N-OCTADECANE	11.766	577372	5.220 ug/ml
7) N-EICOSANE	13.086	583741	5.165 ug/ml
8) N-DOCOSANE	14.295	560652	5.103 ug/ml
10) N-TETRACOSANE	15.407	558665	5.099 ug/ml
11) N-HEXACOSANE	16.437	533322	4.987 ug/ml
12) N-OCTACOSANE	17.394	534436	4.961 ug/ml
13) N-TRIACONTANE	18.288	545060	5.002 ug/ml
14) N-DOTRIACONTANE	19.127	496723	4.716 ug/mlm
15) N-TETRATRIACONTANE	19.916	426614	4.477 ug/mlm
16) N-HEXATRIACONTANE	20.662	377948	5.058 ug/ml
17) N-OCTATRIACONTANE	21.454	270016	4.503 ug/ml
18) N-TETRACONTANE	22.462	278522	6.626 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
Data File : FG016372.D
Signal(s) : FID1A.ch
Acq On : 25 Aug 2025 15:07
Operator : YP\AJ
Sample : Q2893-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

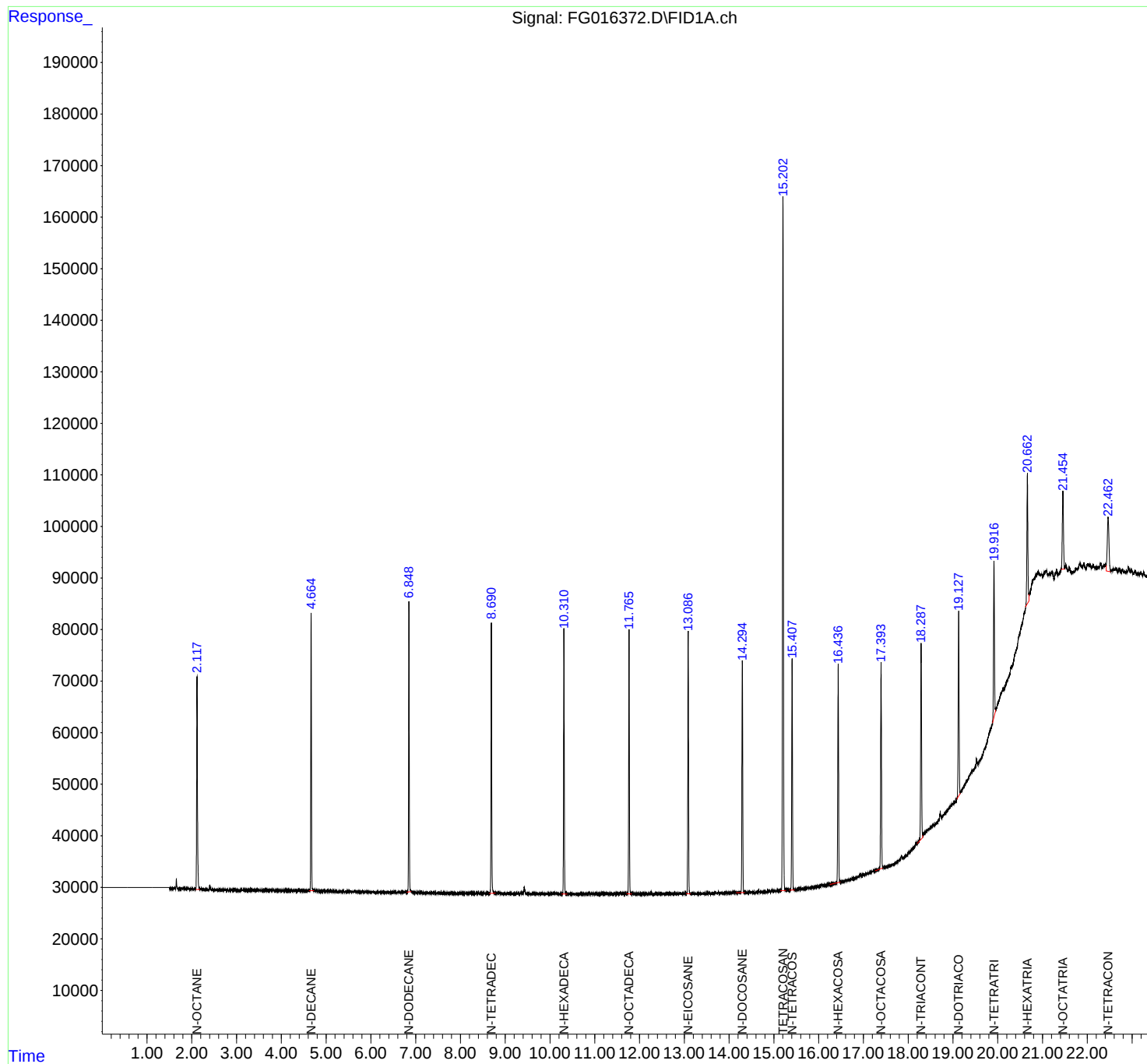
Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT3-2025

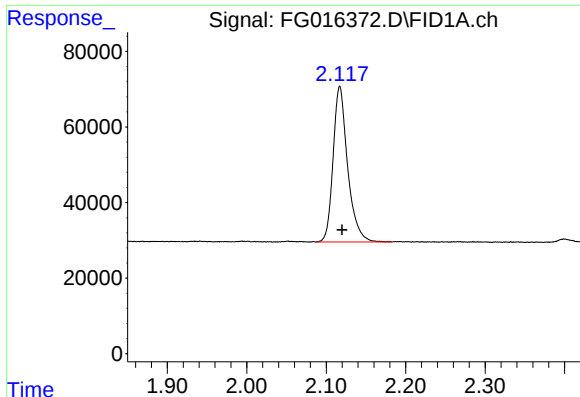
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025

Integration File: autoint1.e
Quant Time: Aug 26 07:15:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
Quant Title :
QLast Update : Tue Aug 05 12:47:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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





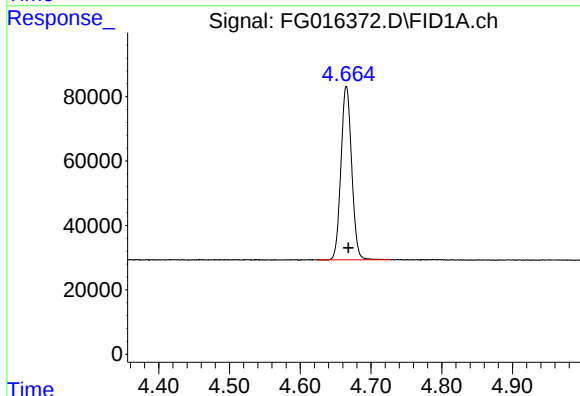
#1 N-OCTANE

R.T.: 2.117 min
Delta R.T.: -0.003 min
Response: 522443
Conc: 4.92 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT3-2025

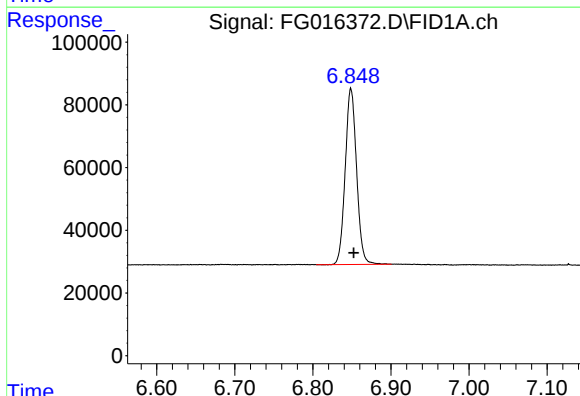
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025



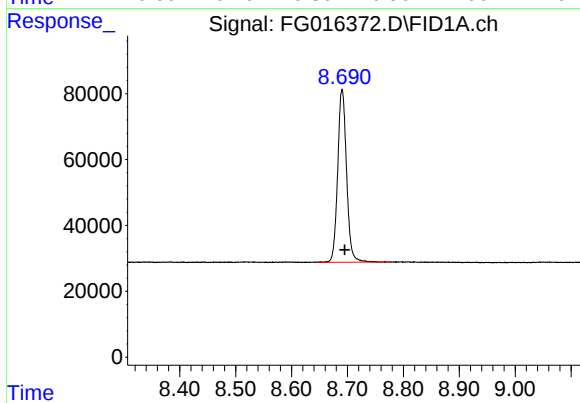
#2 N-DECANE

R.T.: 4.665 min
Delta R.T.: -0.003 min
Response: 568007
Conc: 5.26 ug/ml



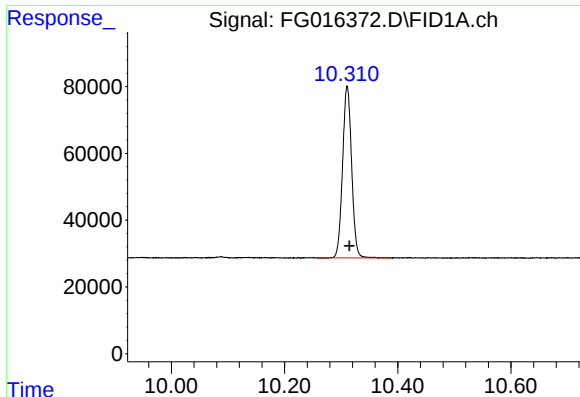
#3 N-DODECANE

R.T.: 6.849 min
Delta R.T.: -0.004 min
Response: 567167
Conc: 5.22 ug/ml



#4 N-TETRADECANE

R.T.: 8.690 min
Delta R.T.: -0.004 min
Response: 579185
Conc: 5.30 ug/ml



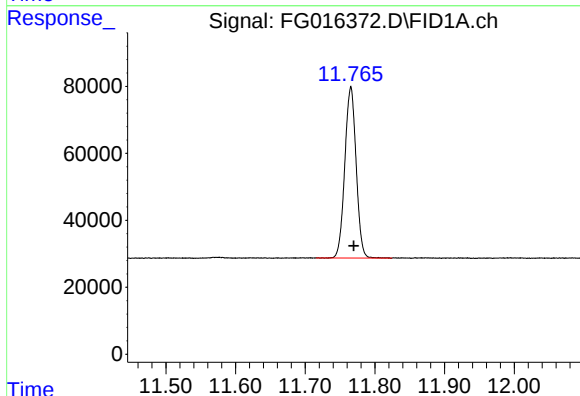
#5 N-HEXADECANE

R.T.: 10.311 min
Delta R.T.: -0.004 min
Response: 571573
Conc: 5.26 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT3-2025

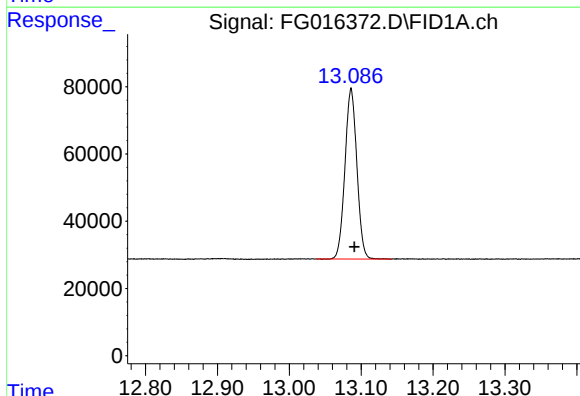
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025



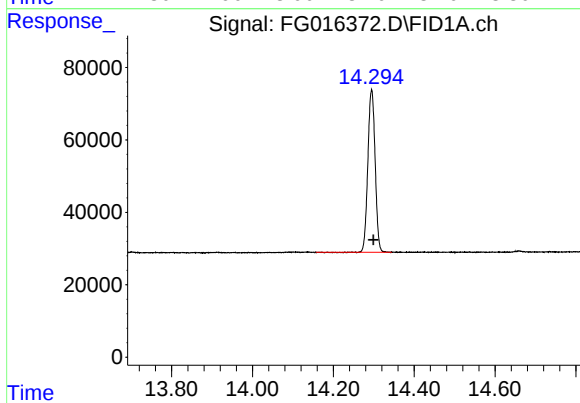
#6 N-OCTADECANE

R.T.: 11.766 min
Delta R.T.: -0.004 min
Response: 577372
Conc: 5.22 ug/ml



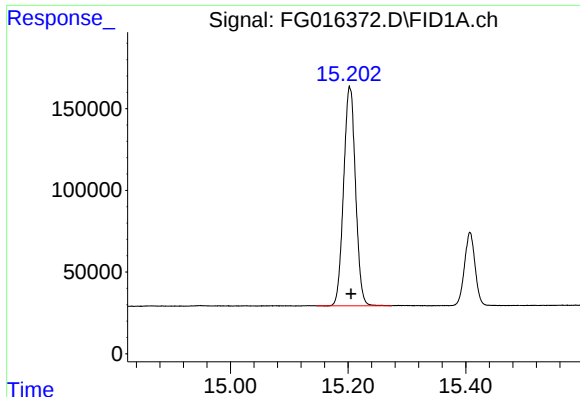
#7 N-EICOSANE

R.T.: 13.086 min
Delta R.T.: -0.005 min
Response: 583741
Conc: 5.16 ug/ml



#8 N-DOCOSANE

R.T.: 14.295 min
Delta R.T.: -0.004 min
Response: 560652
Conc: 5.10 ug/ml



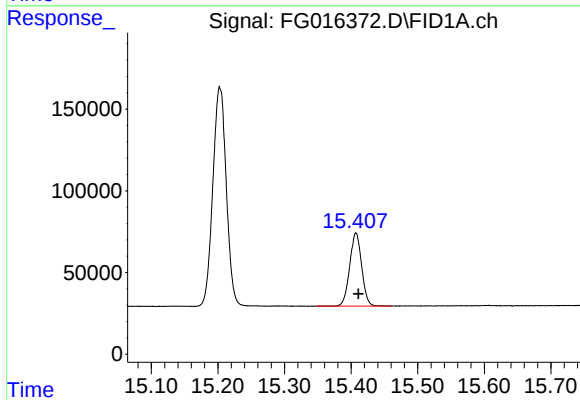
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.203 min
Delta R.T.: -0.002 min
Response: 1883886
Conc: 19.77 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT3-2025

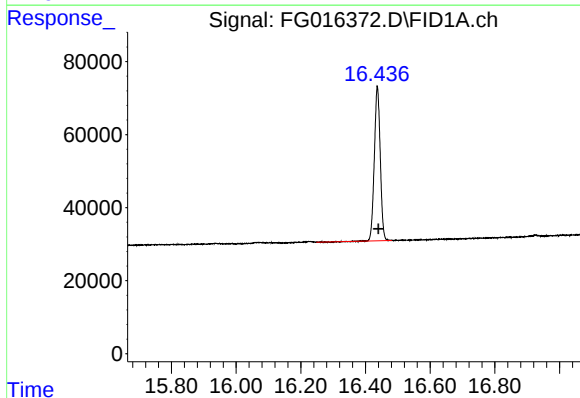
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025



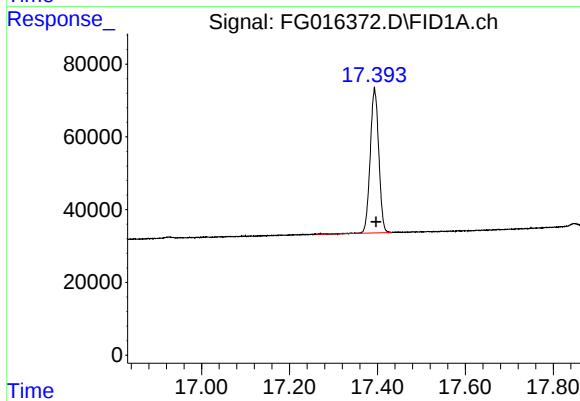
#10 N-TETRACOSANE

R.T.: 15.407 min
Delta R.T.: -0.004 min
Response: 558665
Conc: 5.10 ug/ml



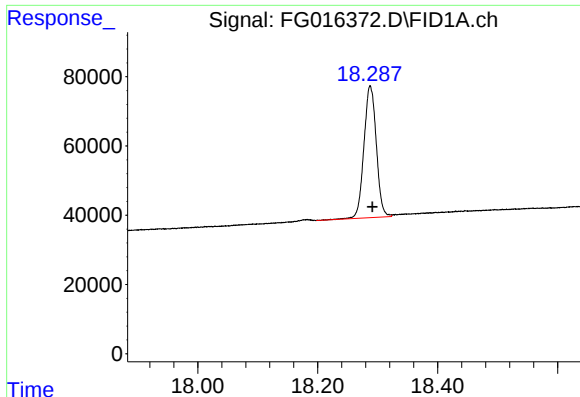
#11 N-HEXACOSANE

R.T.: 16.437 min
Delta R.T.: -0.004 min
Response: 533322
Conc: 4.99 ug/ml



#12 N-OCTACOSANE

R.T.: 17.394 min
Delta R.T.: -0.003 min
Response: 534436
Conc: 4.96 ug/ml



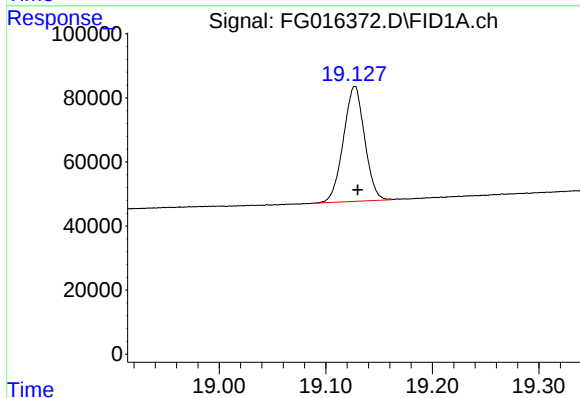
#13 N-TRIACONTANE

R.T.: 18.288 min
Delta R.T.: -0.003 min
Response: 545060
Conc: 5.00 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT3-2025

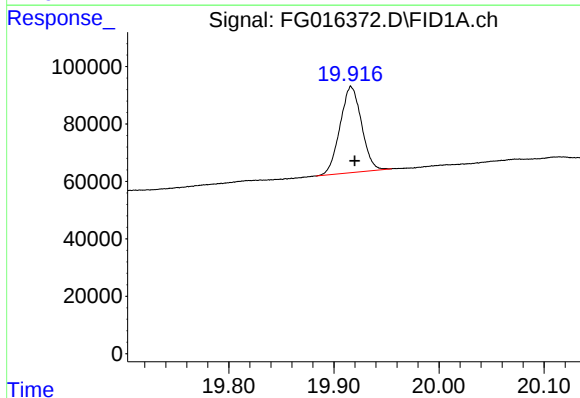
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025



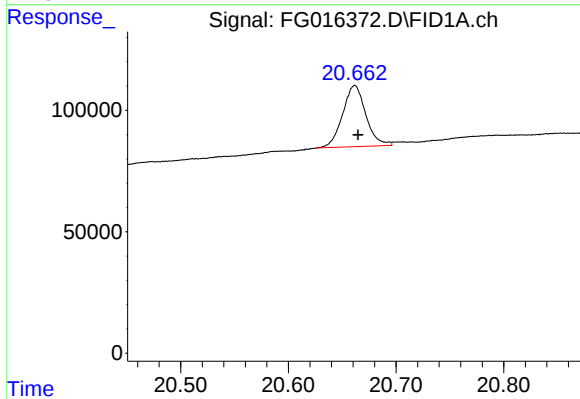
#14 N-DOTRIACONTANE

R.T.: 19.127 min
Delta R.T.: -0.003 min
Response: 496723
Conc: 4.72 ug/ml m



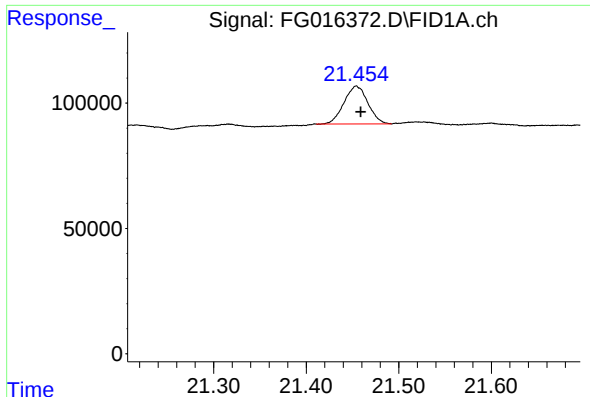
#15 N-TETRATRIACONTANE

R.T.: 19.916 min
Delta R.T.: -0.004 min
Response: 426614
Conc: 4.48 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.662 min
Delta R.T.: -0.003 min
Response: 377948
Conc: 5.06 ug/ml



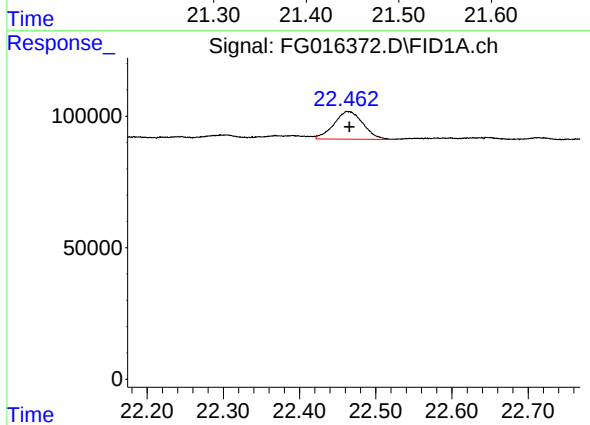
#17 N-OCTATRIACONTANE

R.T.: 21.454 min
Delta R.T.: -0.005 min
Response: 270016
Conc: 4.50 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-05-QT3-2025

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2025
Supervised By :mohammad ahmed 08/27/2025



#18 N-TETRACONTANE

R.T.: 22.462 min
Delta R.T.: -0.004 min
Response: 278522
Conc: 6.63 ug/ml m