

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102425\
 Data File : FG016833.D
 Signal(s) : FID1A.ch
 Acq On : 24 Oct 2025 18:27
 Operator : YP\AJ
 Sample : Q3410-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File: Sample.e
 Quant Time: Oct 24 23:32:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100225.M
 Quant Title :
 QLast Update : Fri Oct 03 07:26:13 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...	15.150	1327616	10.819 ug/ml
Target Compounds			
1) N-OCTANE	2.090	1864424	14.461 ug/ml
2) N-DECANE	4.626	2161555	16.619 ug/ml
3) N-DODECANE	6.807	2206967	16.783 ug/ml
4) N-TETRADECANE	8.647	2011257	15.236 ug/ml
5) N-HEXADECANE	10.264	2133957	15.988 ug/ml
6) N-OCTADECANE	11.717	2318810	16.562 ug/ml
7) N-EICOSANE	13.037	2484902	17.510 ug/ml
8) N-DOCOSANE	14.245	2461441	17.761 ug/mlm
10) N-TETRACOSANE	15.352	4249036	30.720 ug/ml
11) N-HEXACOSANE	16.385	2435628	17.811 ug/ml
12) N-OCTACOSANE	17.341	2531162	18.700 ug/mlm
13) N-TRIACONTANE	18.235	2411492	17.883 ug/ml
14) N-DOTRIACONTANE	19.071	2534892	20.044 ug/mlm
15) N-TETRATRIACONTANE	19.861	2896765	27.319 ug/ml
16) N-HEXATRIACONTANE	20.605	3005475	36.005 ug/mlm
17) N-OCTATRIACONTANE	21.383	2788842	40.222 ug/ml
18) N-TETRACONTANE	22.365	2528076	42.340 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102425\
Data File : FG016833.D
Signal(s) : FID1A.ch
Acq On : 24 Oct 2025 18:27
Operator : YP\AJ
Sample : Q3410-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

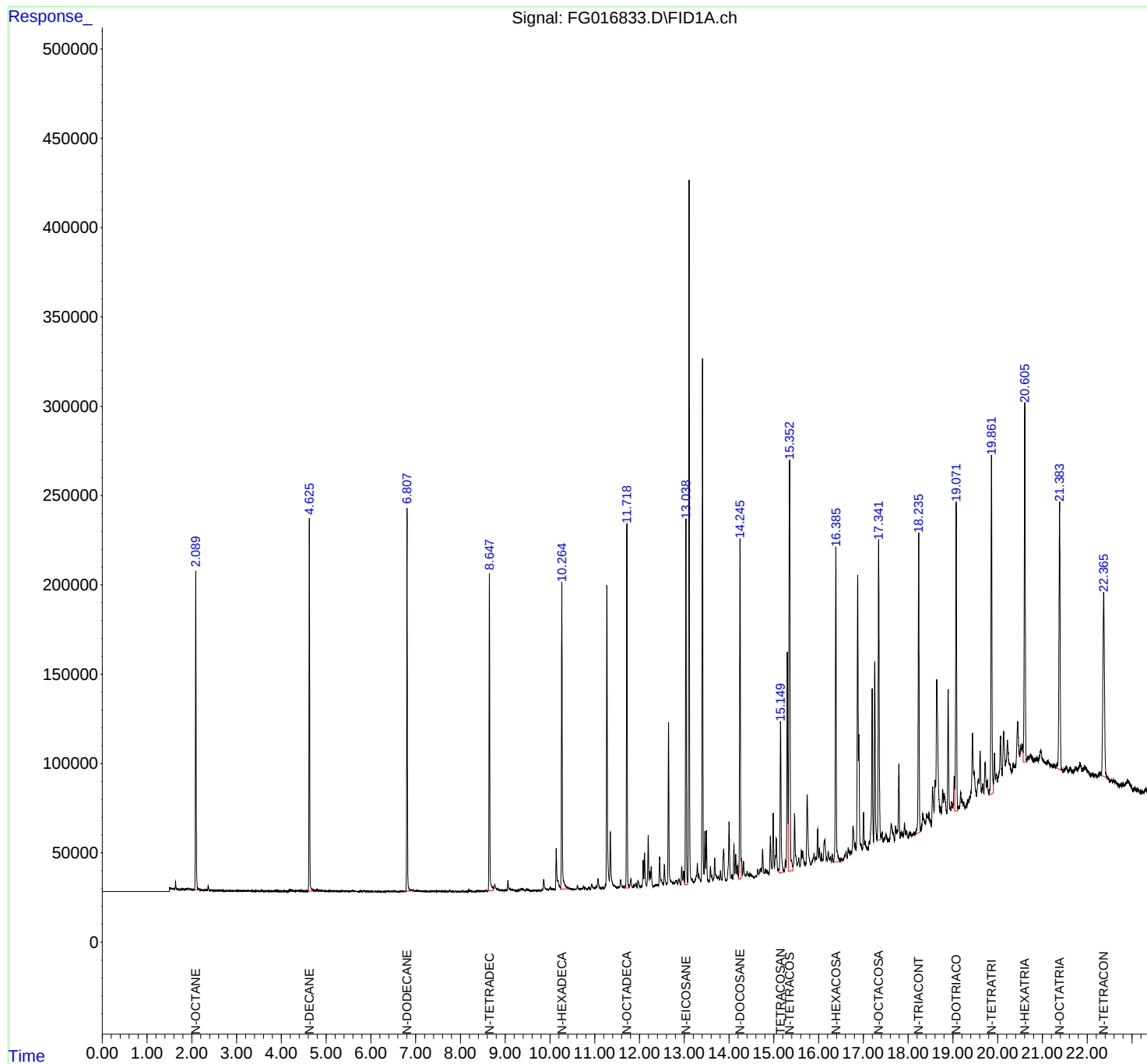
Instrument :
FID_G
ClientSampleId :
WASTEMSD

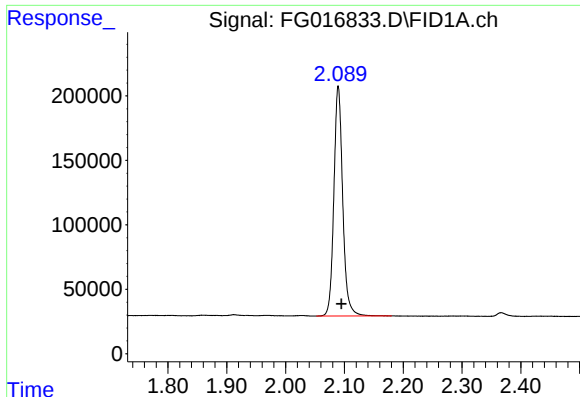
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025

Integration File: Sample.e
Quant Time: Oct 24 23:32:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100225.M
Quant Title :
QLast Update : Fri Oct 03 07:26:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





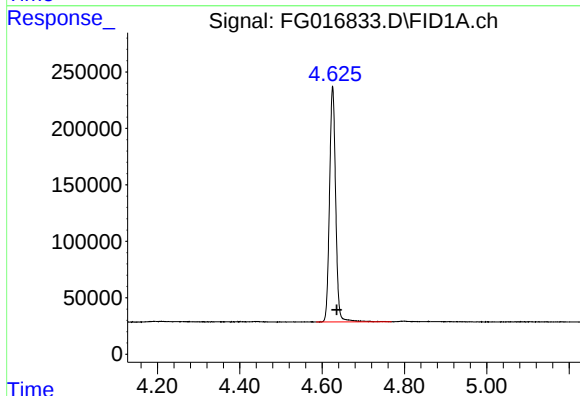
#1 N-OCTANE

R.T.: 2.090 min
Delta R.T.: -0.005 min
Response: 1864424
Conc: 14.46 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

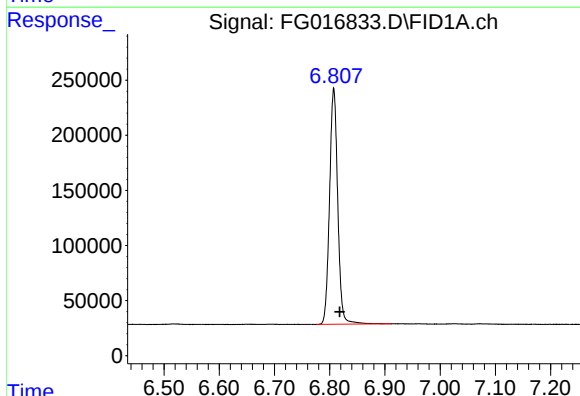
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



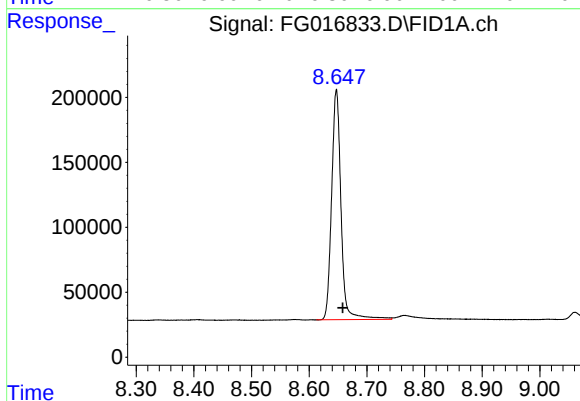
#2 N-DECANE

R.T.: 4.626 min
Delta R.T.: -0.010 min
Response: 2161555
Conc: 16.62 ug/ml



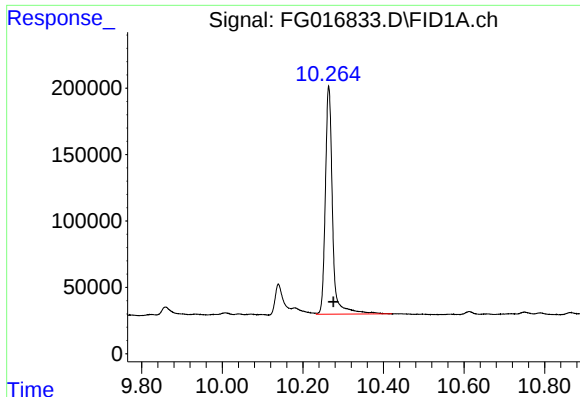
#3 N-DODECANE

R.T.: 6.807 min
Delta R.T.: -0.011 min
Response: 2206967
Conc: 16.78 ug/ml



#4 N-TETRADECANE

R.T.: 8.647 min
Delta R.T.: -0.011 min
Response: 2011257
Conc: 15.24 ug/ml



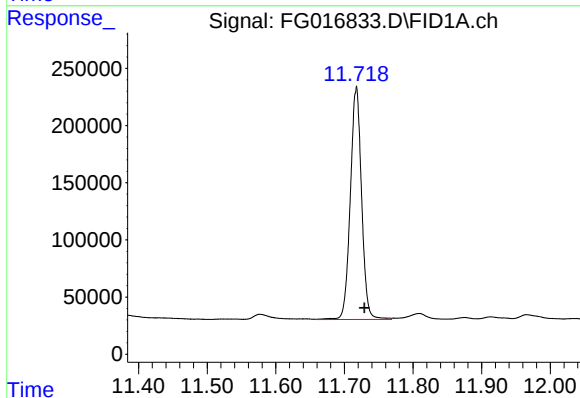
#5 N-HEXADECANE

R.T.: 10.264 min
Delta R.T.: -0.012 min
Response: 2133957
Conc: 15.99 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

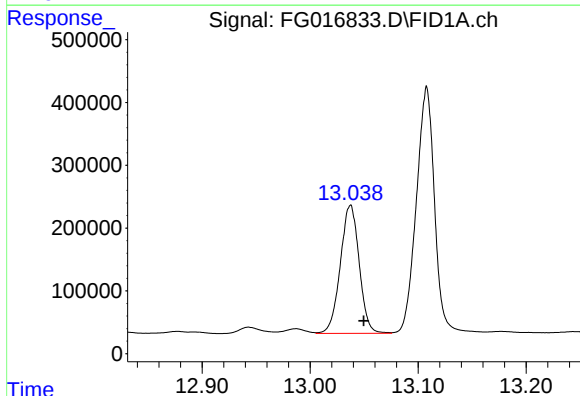
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



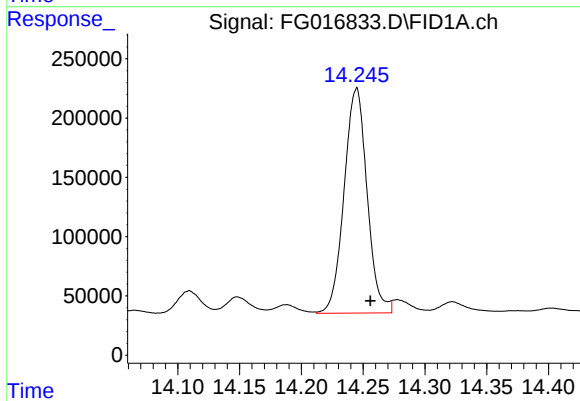
#6 N-OCTADECANE

R.T.: 11.717 min
Delta R.T.: -0.012 min
Response: 2318810
Conc: 16.56 ug/ml



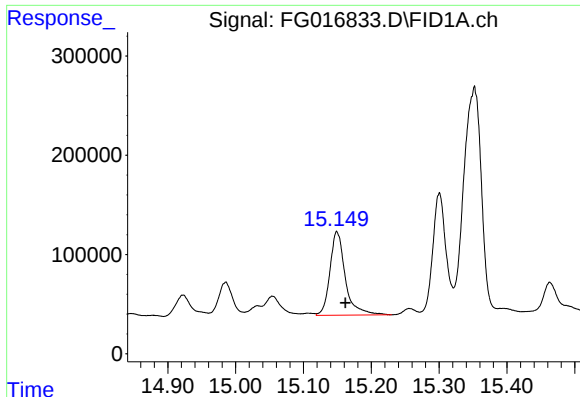
#7 N-EICOSANE

R.T.: 13.037 min
Delta R.T.: -0.012 min
Response: 2484902
Conc: 17.51 ug/ml



#8 N-DOCOSANE

R.T.: 14.245 min
Delta R.T.: -0.011 min
Response: 2461441
Conc: 17.76 ug/ml m



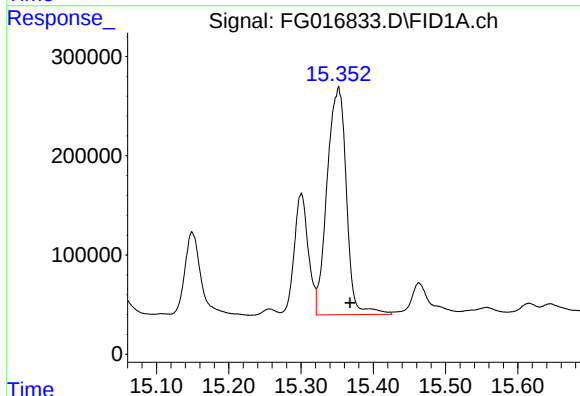
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.150 min
Delta R.T.: -0.012 min
Response: 1327616
Conc: 10.82 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

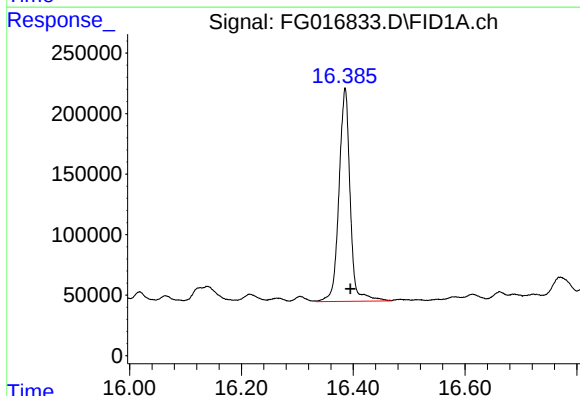
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



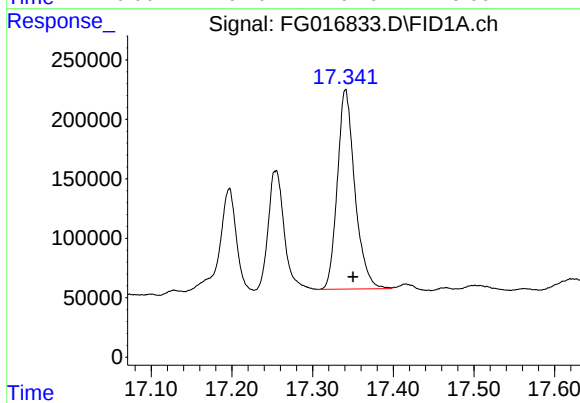
#10 N-TETRACOSANE

R.T.: 15.352 min
Delta R.T.: -0.016 min
Response: 4249036
Conc: 30.72 ug/ml



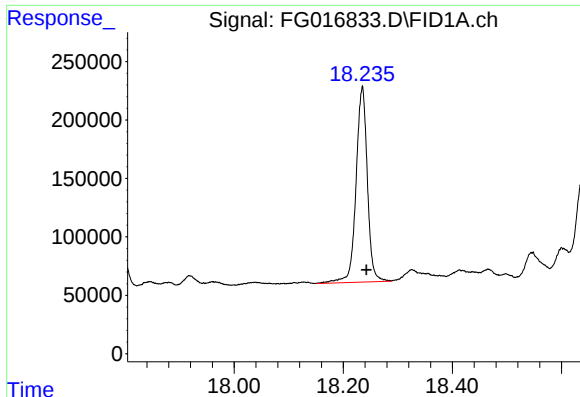
#11 N-HEXACOSANE

R.T.: 16.385 min
Delta R.T.: -0.010 min
Response: 2435628
Conc: 17.81 ug/ml



#12 N-OCTACOSANE

R.T.: 17.341 min
Delta R.T.: -0.009 min
Response: 2531162
Conc: 18.70 ug/ml m



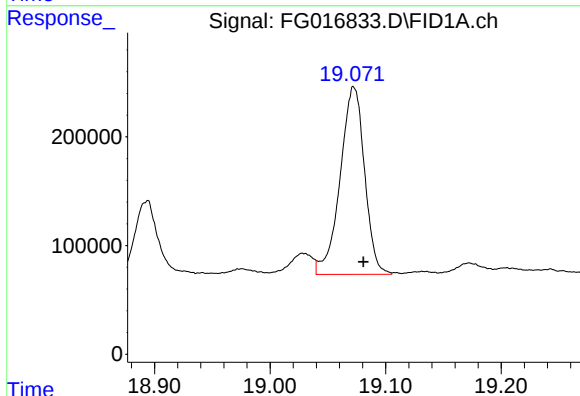
#13 N-TRIACONTANE

R.T.: 18.235 min
Delta R.T.: -0.008 min
Response: 2411492
Conc: 17.88 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

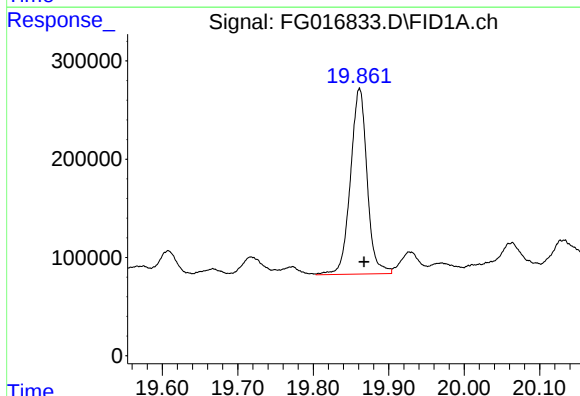
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



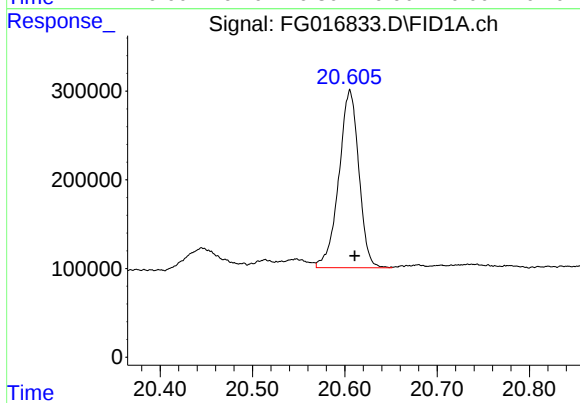
#14 N-DOTRIACONTANE

R.T.: 19.071 min
Delta R.T.: -0.009 min
Response: 2534892
Conc: 20.04 ug/ml m



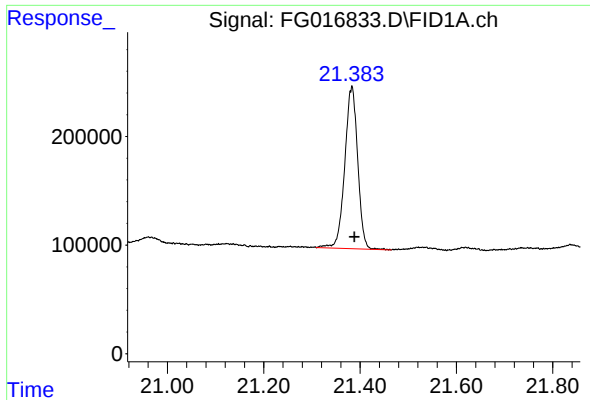
#15 N-TETRATRIACONTANE

R.T.: 19.861 min
Delta R.T.: -0.006 min
Response: 2896765
Conc: 27.32 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.605 min
Delta R.T.: -0.006 min
Response: 3005475
Conc: 36.00 ug/ml m



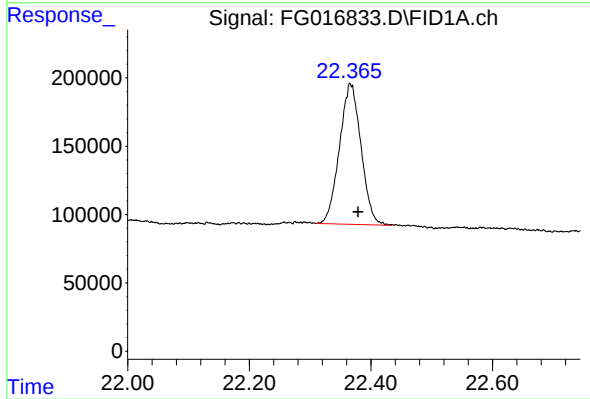
#17 N-OCTATRIACONTANE

R.T.: 21.383 min
Delta R.T.: -0.006 min
Response: 2788842
Conc: 40.22 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/28/2025



#18 N-TETRACONTANE

R.T.: 22.365 min
Delta R.T.: -0.014 min
Response: 2528076
Conc: 42.34 ug/ml m