

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
 Data File : FG015660.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 16:29
 Operator : YP\AJ
 Sample : Q1744-03MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 B-158-SB02MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/09/2025
 Supervised By :mohammad ahmed 04/10/2025

Integration File: autoint1.e
 Quant Time: Apr 09 00:30:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 11:04:29 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...	15.015	1290276	11.262 ug/ml
Target Compounds			
1) N-OCTANE	1.985	1472007	12.665 ug/ml
2) N-DECANE	4.514	1725884	14.609 ug/ml
3) N-DODECANE	6.695	1839542	15.149 ug/ml
4) N-TETRADECANE	8.531	1899758	15.065 ug/ml
5) N-HEXADECANE	10.146	2065474	16.042 ug/ml
6) N-OCTADECANE	11.595	2186088	16.594 ug/ml
7) N-EICOSANE	12.910	2171823	16.220 ug/ml
8) N-DOCOSANE	14.112	2148215	16.532 ug/ml
10) N-TETRACOSANE	15.219	2203087	17.009 ug/ml
11) N-HEXACOSANE	16.243	2092627	16.442 ug/ml
12) N-OCTACOSANE	17.197	2043462	16.347 ug/mlm
13) N-TRIACONTANE	18.088	2013757	16.088 ug/ml
14) N-DOTRIACONTANE	18.922	1746857	14.719 ug/ml
15) N-TETRATRIACONTANE	19.705	1055803	10.115 ug/ml
16) N-HEXATRIACONTANE	20.448	683943	7.804 ug/ml
17) N-OCTATRIACONTANE	21.190	548815	7.354 ug/ml
18) N-TETRACONTANE	22.115	519899	7.849 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
Data File : FG015660.D
Signal(s) : FID1A.ch
Acq On : 08 Apr 2025 16:29
Operator : YP\AJ
Sample : Q1744-03MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :

FID_G

Client Sample Id :

B-158-SB02MSD

Manual Integrations

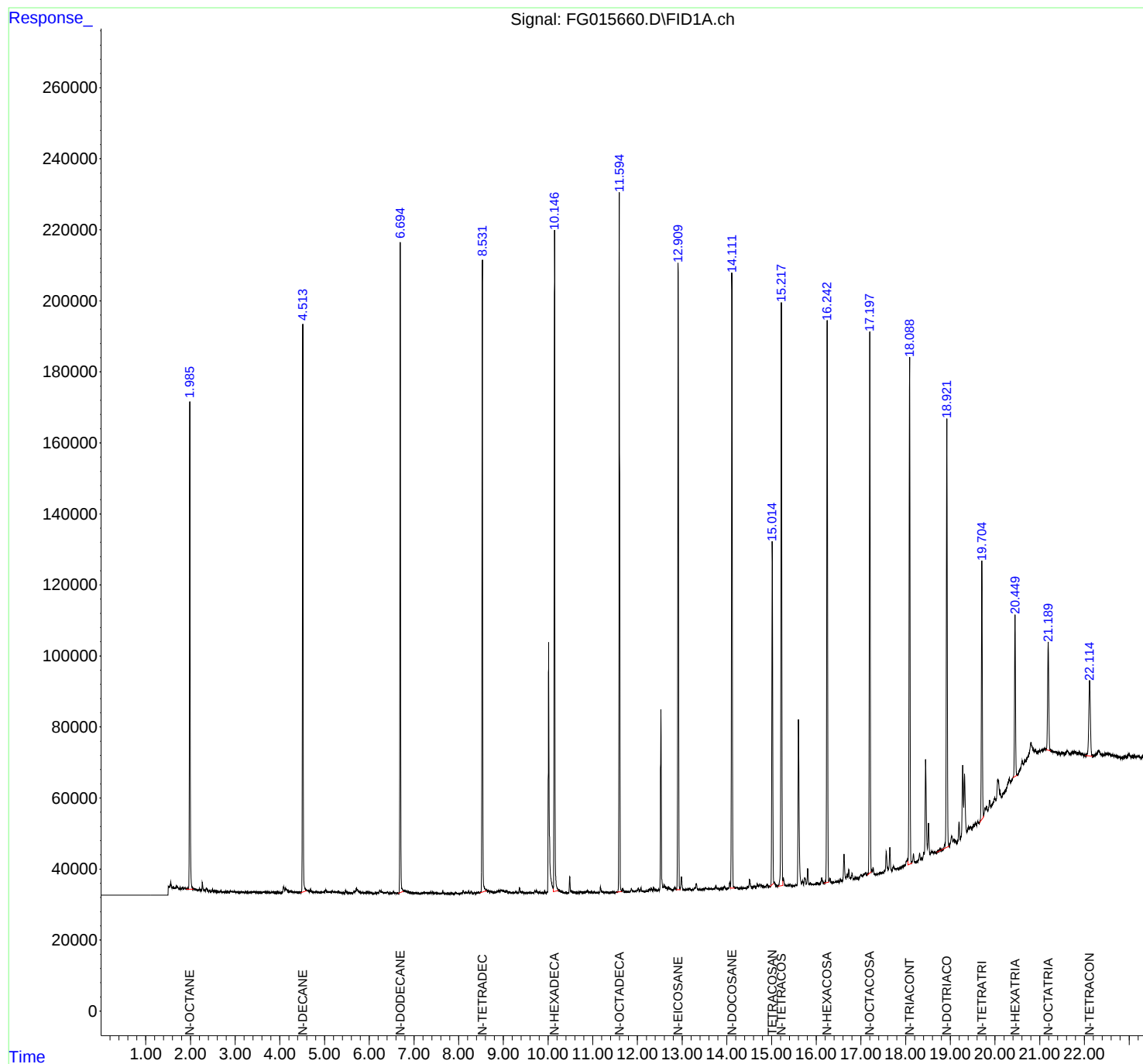
APPROVED

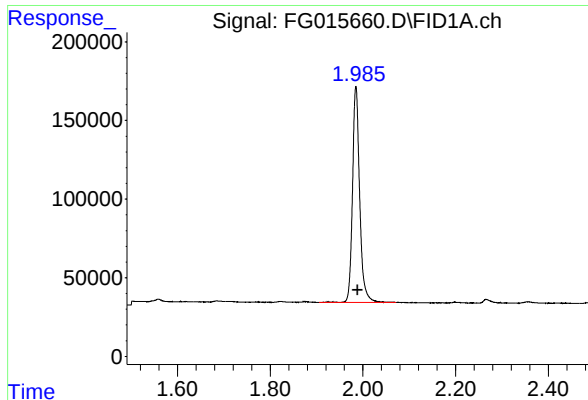
Reviewed By :Yogesh Patel 04/09/2025

Supervised By :mohammad ahmed 04/10/2025

Integration File: autoint1.e
Quant Time: Apr 09 00:30:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
Quant Title :
QLast Update : Thu Mar 27 11:04:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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





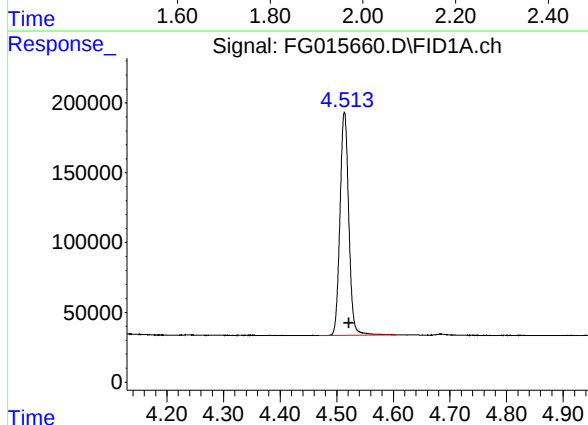
#1 N-OCTANE

R.T.: 1.985 min
Delta R.T.: -0.004 min
Response: 1472007
Conc: 12.66 ug/ml

Instrument :
FID_G
ClientSampleId :
B-158-SB02MSD

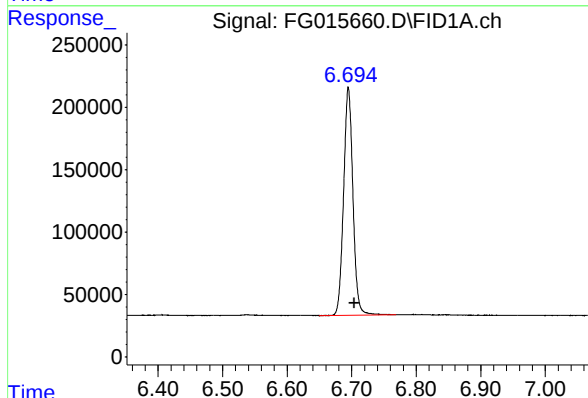
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/09/2025
Supervised By :mohammad ahmed 04/10/2025



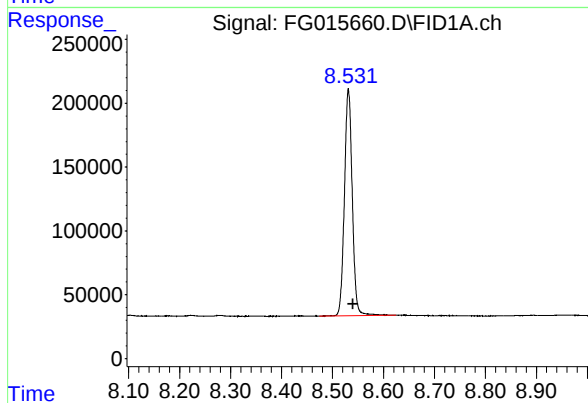
#2 N-DECANE

R.T.: 4.514 min
Delta R.T.: -0.008 min
Response: 1725884
Conc: 14.61 ug/ml



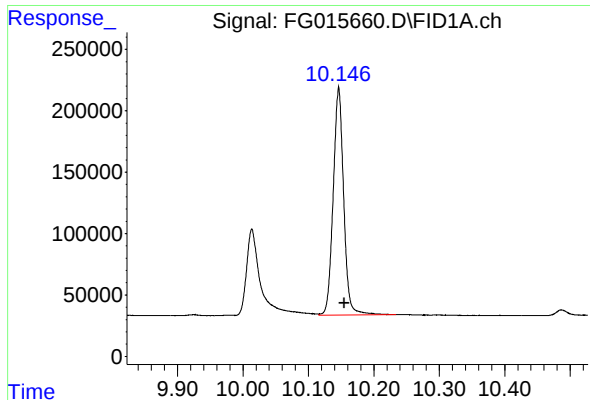
#3 N-DODECANE

R.T.: 6.695 min
Delta R.T.: -0.009 min
Response: 1839542
Conc: 15.15 ug/ml



#4 N-TETRADECANE

R.T.: 8.531 min
Delta R.T.: -0.009 min
Response: 1899758
Conc: 15.07 ug/ml



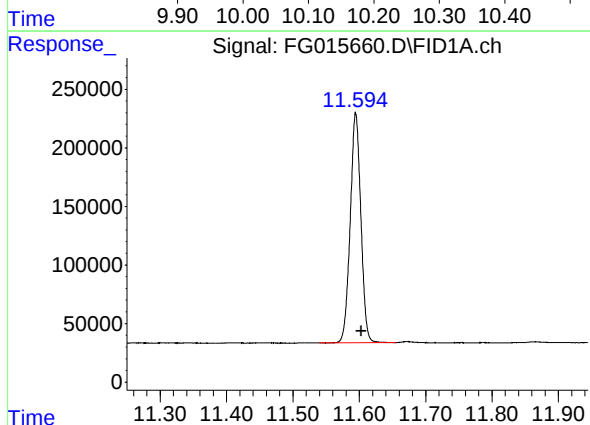
#5 N-HEXADECANE

R.T.: 10.146 min
Delta R.T.: -0.008 min
Response: 2065474
Conc: 16.04 ug/ml

Instrument :
FID_G
ClientSampleId :
B-158-SB02MSD

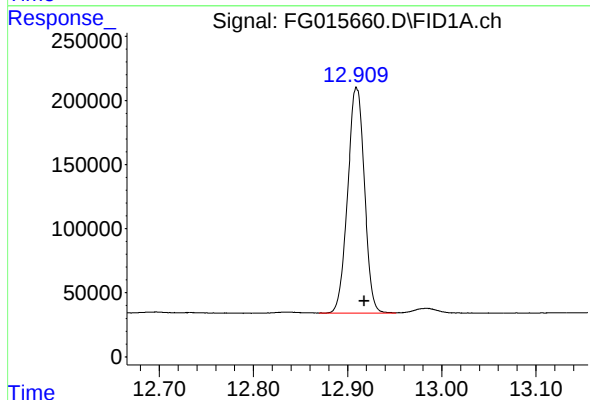
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/09/2025
Supervised By :mohammad ahmed 04/10/2025



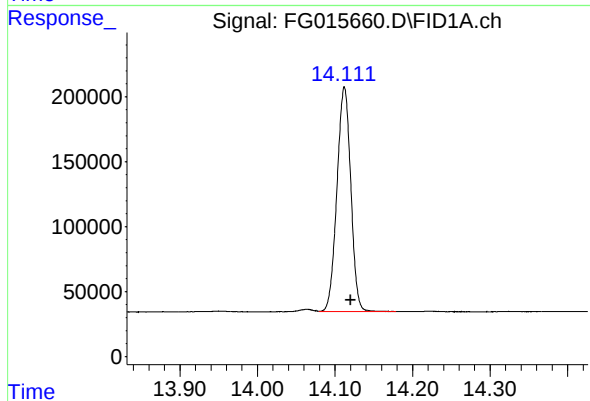
#6 N-OCTADECANE

R.T.: 11.595 min
Delta R.T.: -0.008 min
Response: 2186088
Conc: 16.59 ug/ml



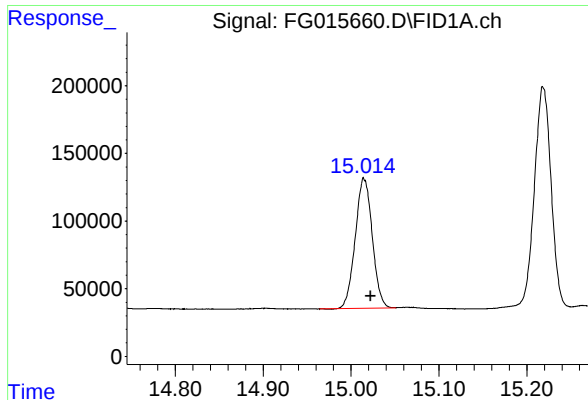
#7 N-EICOSANE

R.T.: 12.910 min
Delta R.T.: -0.008 min
Response: 2171823
Conc: 16.22 ug/ml



#8 N-DOCOSANE

R.T.: 14.112 min
Delta R.T.: -0.008 min
Response: 2148215
Conc: 16.53 ug/ml



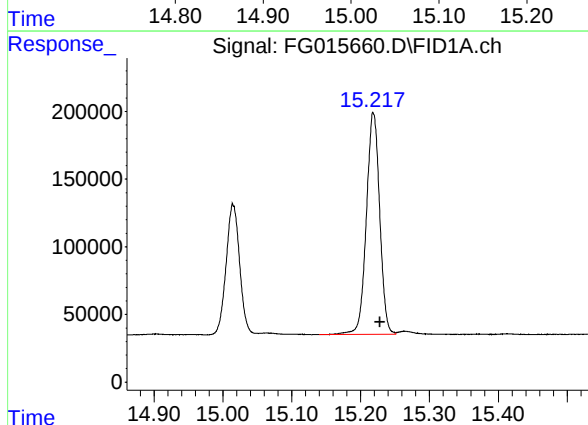
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.015 min
Delta R.T.: -0.007 min
Response: 1290276
Conc: 11.26 ug/ml

Instrument :
FID_G
ClientSampleId :
B-158-SB02MSD

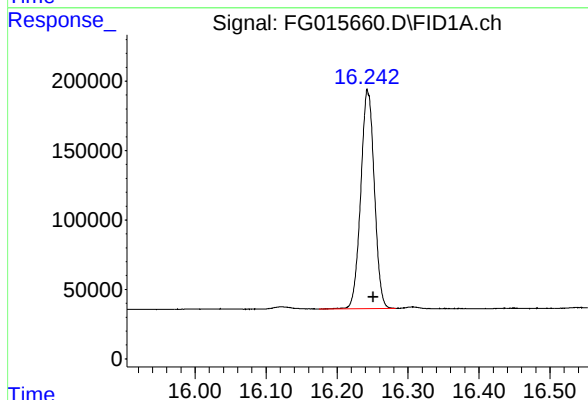
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/09/2025
Supervised By :mohammad ahmed 04/10/2025



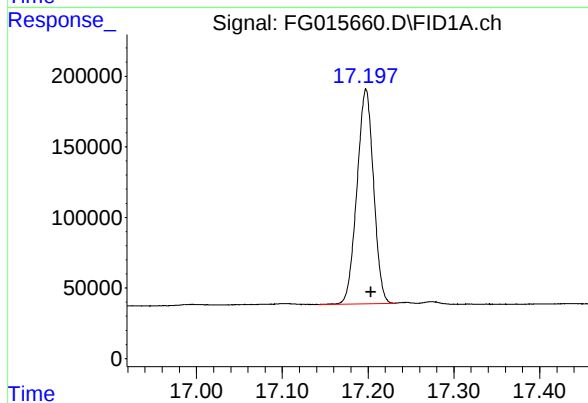
#10 N-TETRACOSANE

R.T.: 15.219 min
Delta R.T.: -0.009 min
Response: 2203087
Conc: 17.01 ug/ml



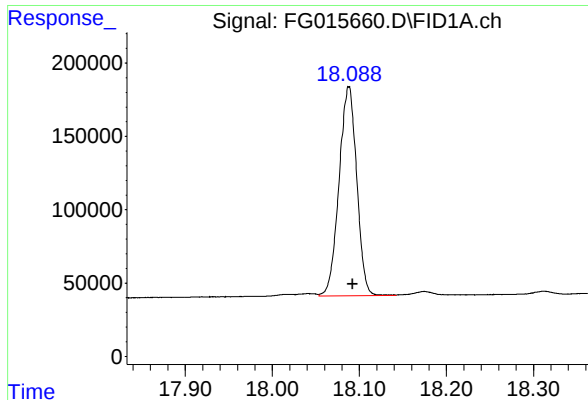
#11 N-HEXACOSANE

R.T.: 16.243 min
Delta R.T.: -0.008 min
Response: 2092627
Conc: 16.44 ug/ml



#12 N-OCTACOSANE

R.T.: 17.197 min
Delta R.T.: -0.007 min
Response: 2043462
Conc: 16.35 ug/ml m



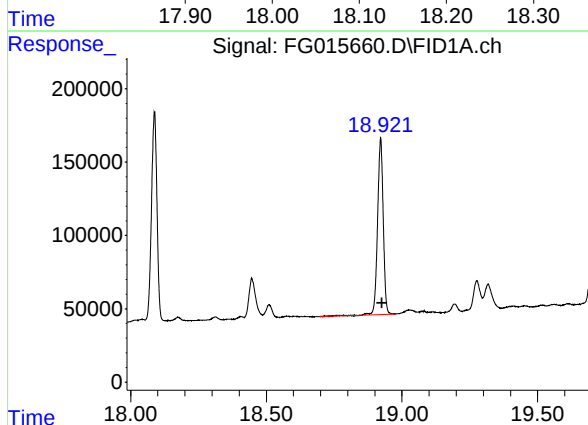
#13 N-TRIACONTANE

R.T.: 18.088 min
Delta R.T.: -0.004 min
Response: 2013757
Conc: 16.09 ug/ml

Instrument :
FID_G
ClientSampleId :
B-158-SB02MSD

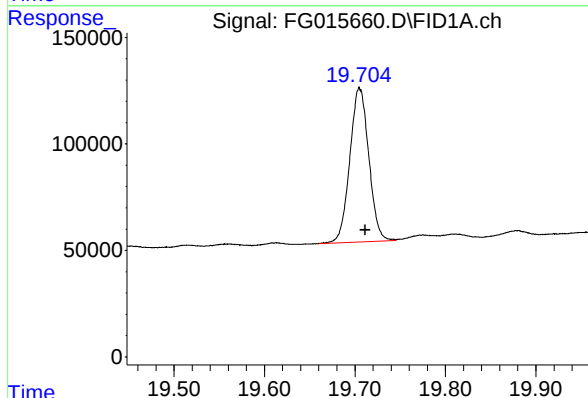
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/09/2025
Supervised By :mohammad ahmed 04/10/2025



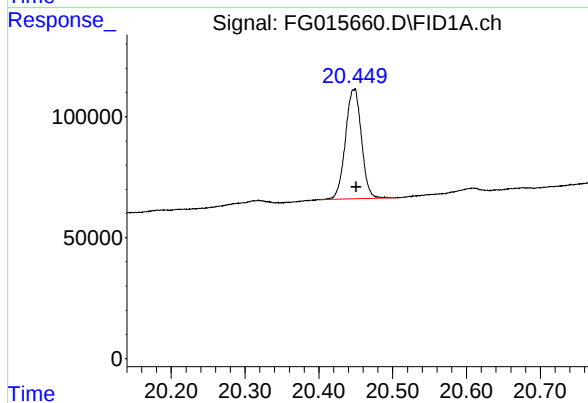
#14 N-DOTRIACONTANE

R.T.: 18.922 min
Delta R.T.: -0.005 min
Response: 1746857
Conc: 14.72 ug/ml



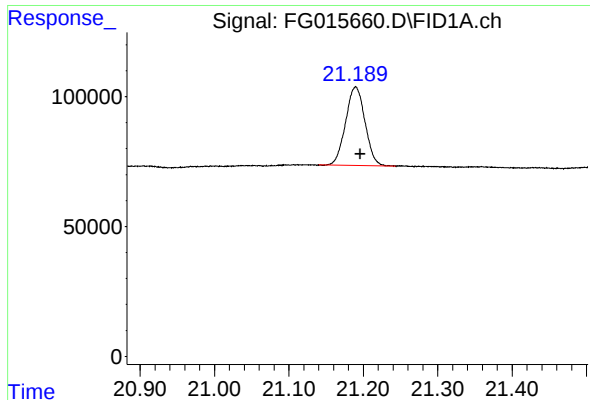
#15 N-TETRATRIACONTANE

R.T.: 19.705 min
Delta R.T.: -0.006 min
Response: 1055803
Conc: 10.12 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.448 min
Delta R.T.: -0.003 min
Response: 683943
Conc: 7.80 ug/ml



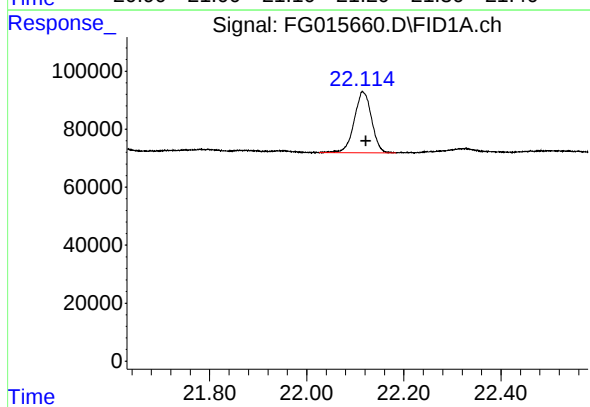
#17 N-OCTATRIACONTANE

R.T.: 21.190 min
Delta R.T.: -0.006 min
Response: 548815
Conc: 7.35 ug/ml

Instrument :
FID_G
ClientSampleId :
B-158-SB02MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/09/2025
Supervised By :mohammad ahmed 04/10/2025



#18 N-TETRACONTANE

R.T.: 22.115 min
Delta R.T.: -0.007 min
Response: 519899
Conc: 7.85 ug/ml