

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090525\
 Data File : FG016560.D
 Signal(s) : FID1A.ch
 Acq On : 05 Sep 2025 12:24
 Operator : YP\AJ
 Sample : FG090525ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 FG090525ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2025
 Supervised By :mohammad ahmed 09/09/2025

Integration File: autoint1.e
 Quant Time: Sep 05 13:32:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
 Quant Title :
 QLast Update : Fri Sep 05 13:31:52 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...	15.187	5022519	45.964 ug/ml
Target Compounds			
1) N-OCTANE	2.105	5612287	47.364 ug/ml
2) N-DECANE	4.654	5805616	47.635 ug/ml
3) N-DODECANE	6.838	5904735	47.959 ug/ml
4) N-TETRADECANE	8.679	5896765	47.459 ug/ml
5) N-HEXADECANE	10.298	5895438	47.005 ug/ml
6) N-OCTADECANE	11.753	5973228	46.475 ug/ml
7) N-EICOSANE	13.072	5959479	46.189 ug/ml
8) N-DOCOSANE	14.281	5746375	46.009 ug/ml
10) N-TETRACOSANE	15.394	5659504	45.729 ug/ml
11) N-HEXACOSANE	16.422	5543636	45.685 ug/ml
12) N-OCTACOSANE	17.378	5410476	44.877 ug/ml
13) N-TRIACONTANE	18.272	5368662	44.219 ug/ml
14) N-DOTRIACONTANE	19.110	5031698	42.867 ug/ml
15) N-TETRATRIACONTANE	19.897	4386440	42.732 ug/ml
16) N-HEXATRIACONTANE	20.642	3663386	42.965 ug/ml
17) N-OCTATRIACONTANE	21.431	3196434	42.710 ug/mlm
18) N-TETRACONTANE	22.432	2956893	42.212 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090525\
Data File : FG016560.D
Signal(s) : FID1A.ch
Acq On : 05 Sep 2025 12:24
Operator : YP\AJ
Sample : FG090525ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

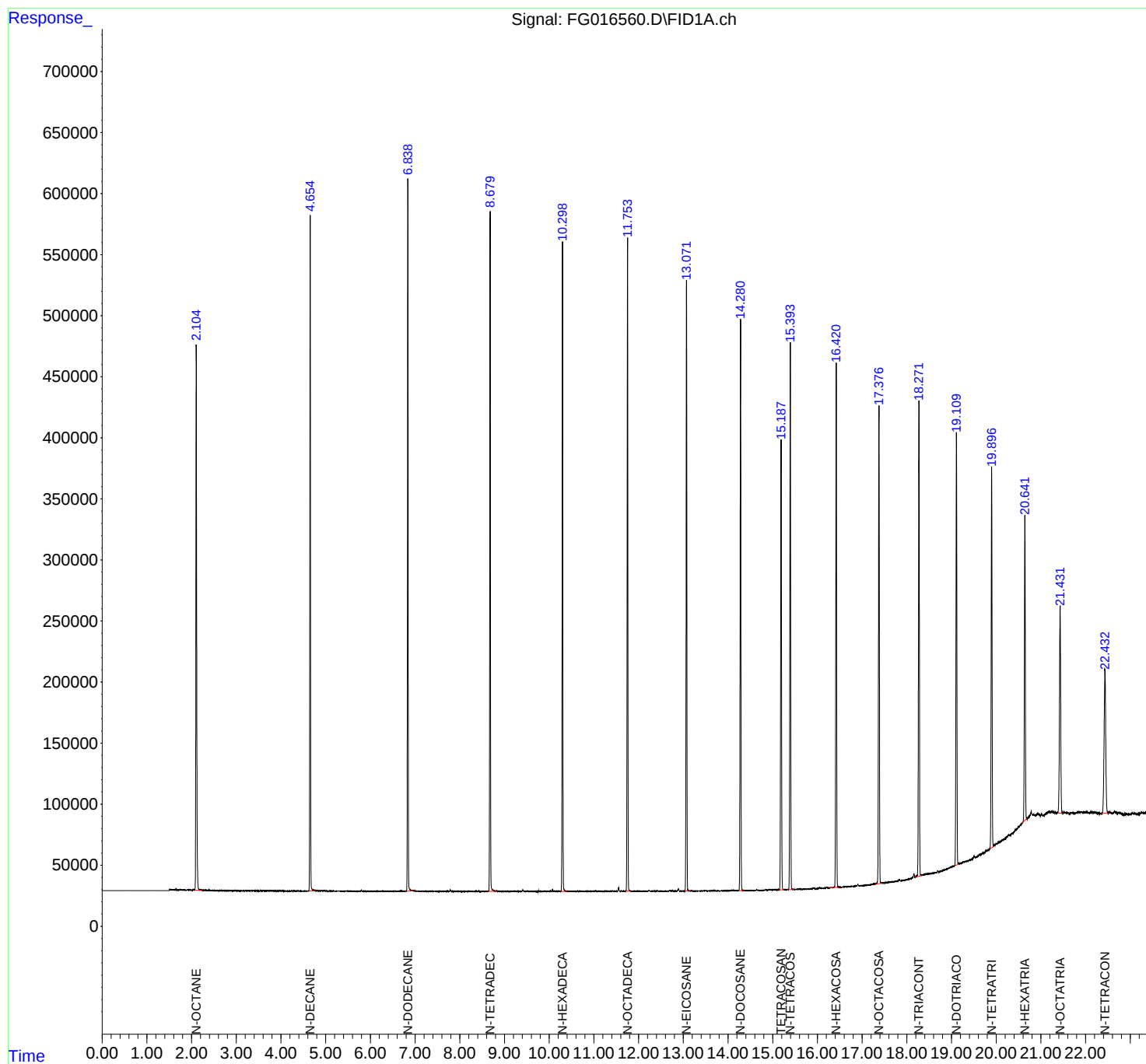
Instrument :
FID_G
ClientSampleId :
FG090525ICV

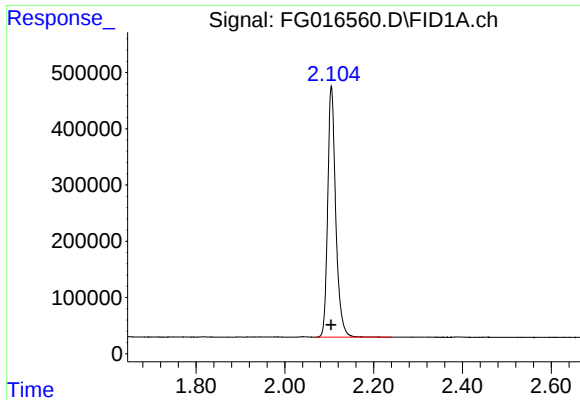
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/09/2025

Integration File: autoint1.e
Quant Time: Sep 05 13:32:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
Quant Title :
QLast Update : Fri Sep 05 13:31:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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





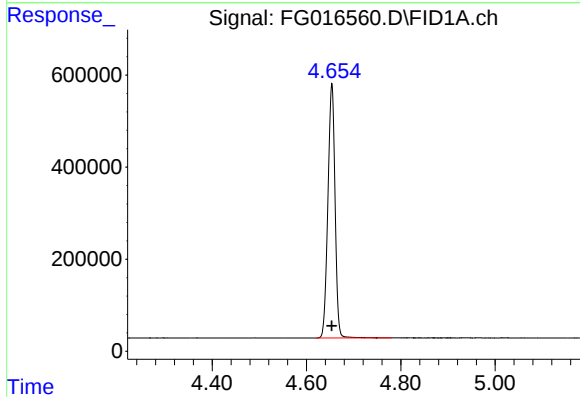
#1 N-OCTANE

R.T.: 2.105 min
Delta R.T.: 0.000 min
Response: 5612287
Conc: 47.36 ug/ml

Instrument :
FID_G
ClientSampleId :
FG090525ICV

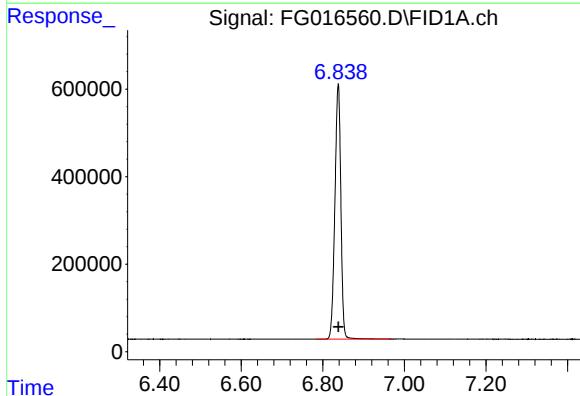
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/09/2025



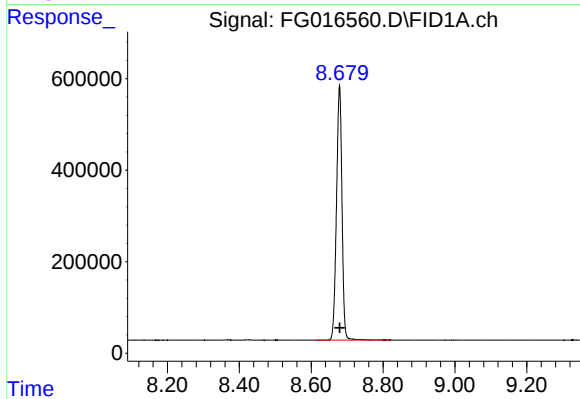
#2 N-DECANE

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 5805616
Conc: 47.63 ug/ml



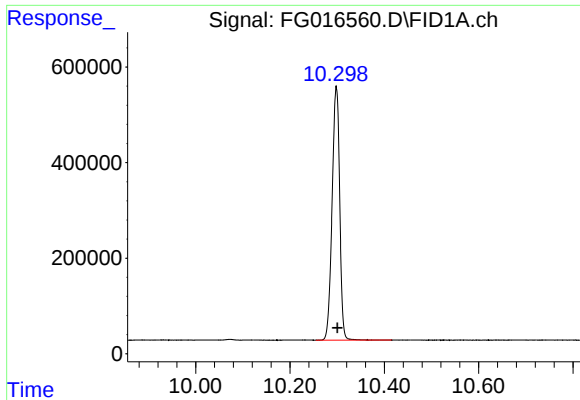
#3 N-DODECANE

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 5904735
Conc: 47.96 ug/ml



#4 N-TETRADECANE

R.T.: 8.679 min
Delta R.T.: -0.001 min
Response: 5896765
Conc: 47.46 ug/ml



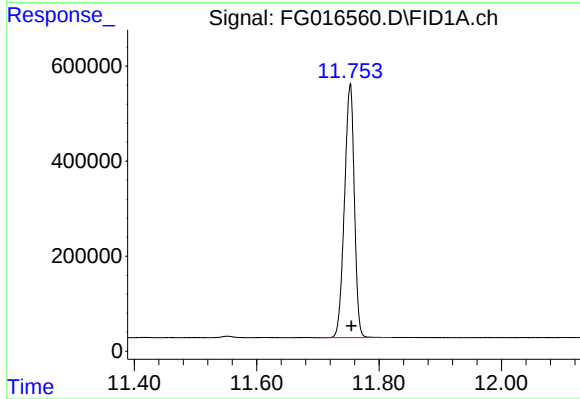
#5 N-HEXADECANE

R.T.: 10.298 min
Delta R.T.: -0.002 min
Response: 5895438
Conc: 47.01 ug/ml

Instrument :
FID_G
ClientSampleId :
FG090525ICV

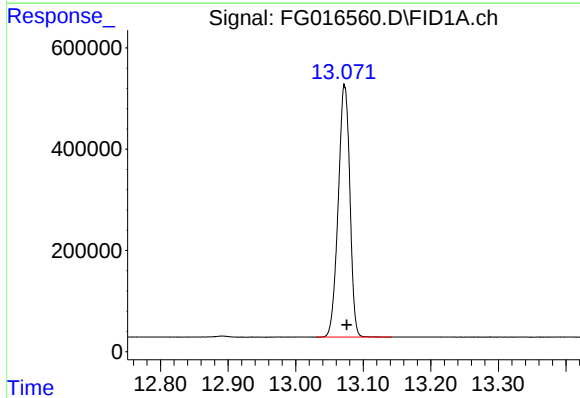
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/09/2025



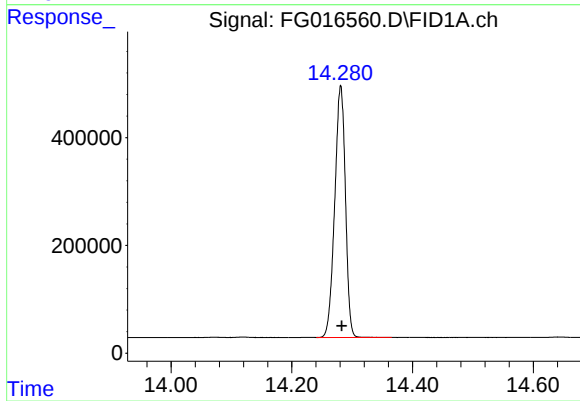
#6 N-OCTADECANE

R.T.: 11.753 min
Delta R.T.: -0.002 min
Response: 5973228
Conc: 46.48 ug/ml



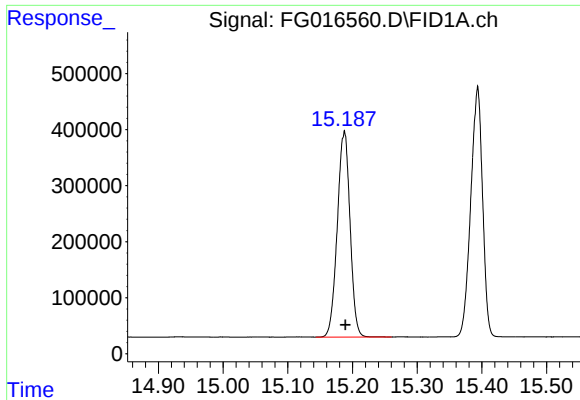
#7 N-EICOSANE

R.T.: 13.072 min
Delta R.T.: -0.003 min
Response: 5959479
Conc: 46.19 ug/ml



#8 N-DOCOSANE

R.T.: 14.281 min
Delta R.T.: -0.002 min
Response: 5746375
Conc: 46.01 ug/ml



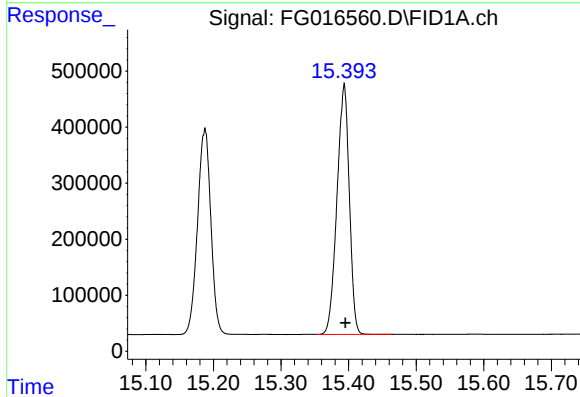
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.187 min
Delta R.T.: -0.002 min
Response: 5022519
Conc: 45.96 ug/ml

Instrument :
FID_G
ClientSampleId :
FG090525ICV

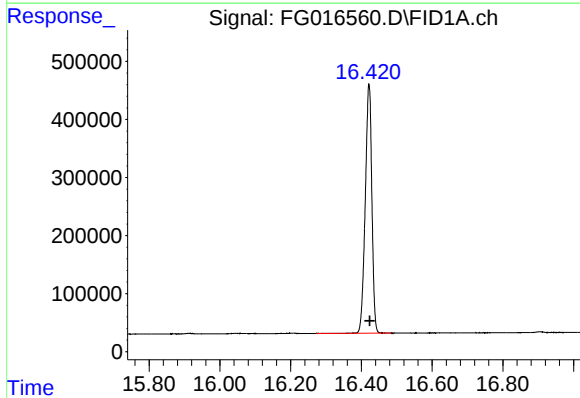
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/09/2025



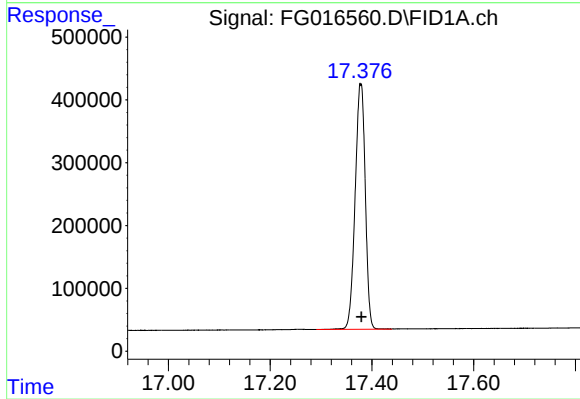
#10 N-TETRACOSANE

R.T.: 15.394 min
Delta R.T.: -0.002 min
Response: 5659504
Conc: 45.73 ug/ml



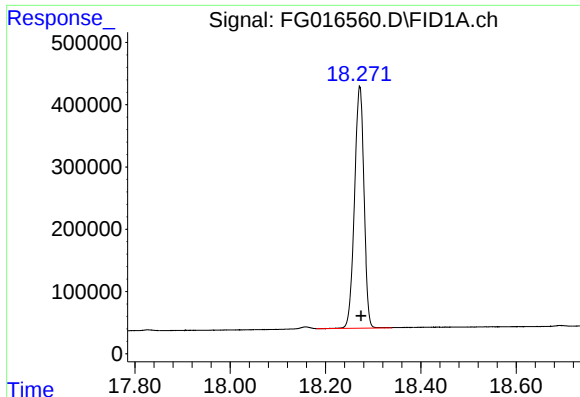
#11 N-HEXACOSANE

R.T.: 16.422 min
Delta R.T.: -0.002 min
Response: 5543636
Conc: 45.68 ug/ml



#12 N-OCTACOSANE

R.T.: 17.378 min
Delta R.T.: -0.002 min
Response: 5410476
Conc: 44.88 ug/ml



#13 N-TRIACONTANE

R.T.: 18.272 min
Delta R.T.: -0.003 min
Response: 5368662
Conc: 44.22 ug/ml

Instrument :

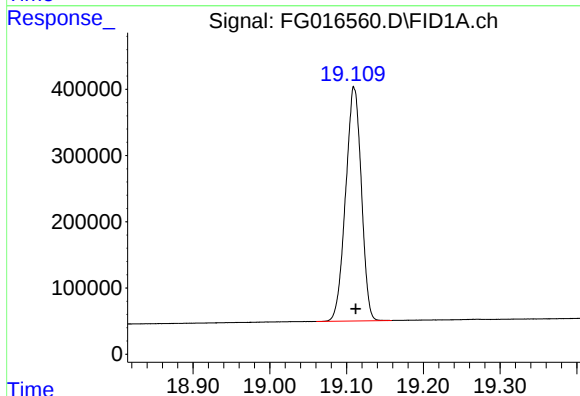
FID_G

ClientSampleId :

FG090525ICV

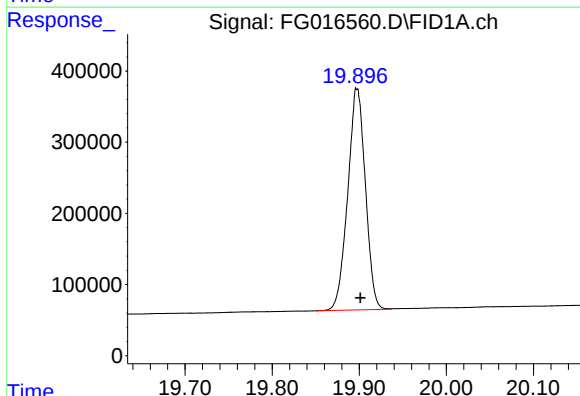
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/09/2025



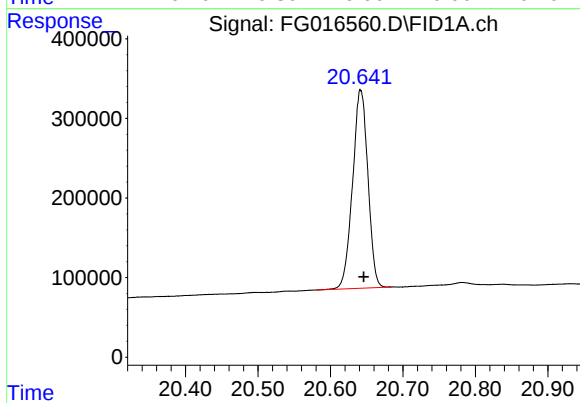
#14 N-DOTRIACONTANE

R.T.: 19.110 min
Delta R.T.: -0.002 min
Response: 5031698
Conc: 42.87 ug/ml



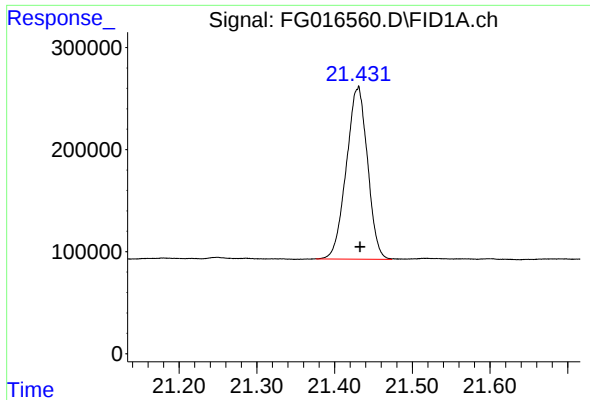
#15 N-TETRATRIACONTANE

R.T.: 19.897 min
Delta R.T.: -0.004 min
Response: 4386440
Conc: 42.73 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.642 min
Delta R.T.: -0.004 min
Response: 3663386
Conc: 42.97 ug/ml



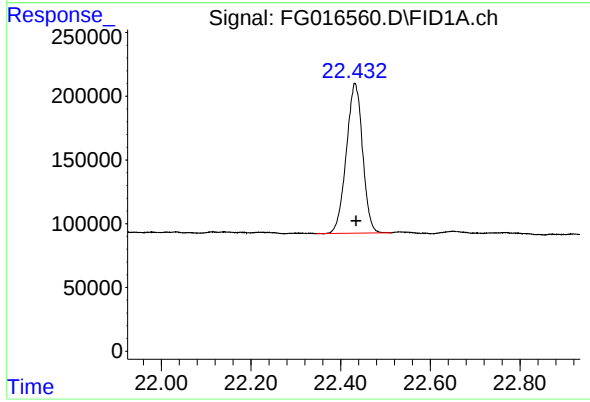
#17 N-OCTATRIACONTANE

R.T.: 21.431 min
Delta R.T.: -0.002 min
Response: 3196434
Conc: 42.71 ug/ml

Instrument :
FID_G
ClientSampleId :
FG090525ICV

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/08/2025
Supervised By :mohammad ahmed 09/09/2025



#18 N-TETRACONTANE

R.T.: 22.432 min
Delta R.T.: -0.002 min
Response: 2956893
Conc: 42.21 ug/ml