

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051625\
 Data File : FF015858.D
 Signal(s) : FID2B.ch
 Acq On : 16 May 2025 14:27
 Operator : YP\AJ
 Sample : Q2003-01MSD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/19/2025
 Supervised By :mohammad ahmed 05/20/2025

Integration File: autoint1.e
 Quant Time: May 17 03:24:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF042225.M
 Quant Title :
 QLast Update : Tue Apr 22 11:27:50 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...	15.018	1317768	11.677 ug/mlm
Target Compounds			
1) N-OCTANE	2.026	1621472	14.303 ug/ml
2) N-DECANE	4.562	1995294	19.553 ug/ml
3) N-DODECANE	6.730	2228952	20.356 ug/ml
4) N-TETRADECANE	8.557	2335988	20.239 ug/ml
5) N-HEXADECANE	10.165	2552194	21.625 ug/ml
6) N-OCTADECANE	11.609	2586327	20.560 ug/ml
7) N-EICOSANE	12.919	2611738	20.020 ug/ml
8) N-DOCOSANE	14.118	2539659	19.938 ug/ml
10) N-TETRACOSANE	15.221	2761791	21.956 ug/ml
11) N-HEXACOSANE	16.245	2415260	19.814 ug/ml
12) N-OCTACOSANE	17.195	2604215	22.008 ug/ml
13) N-TRIACONTANE	18.084	2327754	19.750 ug/ml
14) N-DOTRIACONTANE	18.918	2275672	19.975 ug/mlm
15) N-TETRATRIACONTANE	19.700	1160630	11.634 ug/ml
16) N-HEXATRIACONTANE	20.439	715498	8.968 ug/mlm
17) N-OCTATRIACONTANE	21.174	654355	11.523 ug/ml
18) N-TETRACONTANE	22.084	639224	15.719 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051625\
Data File : FF015858.D
Signal(s) : FID2B.ch
Acq On : 16 May 2025 14:27
Operator : YP\AJ
Sample : Q2003-01MSD
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

WASTEMSD

Manual Integrations

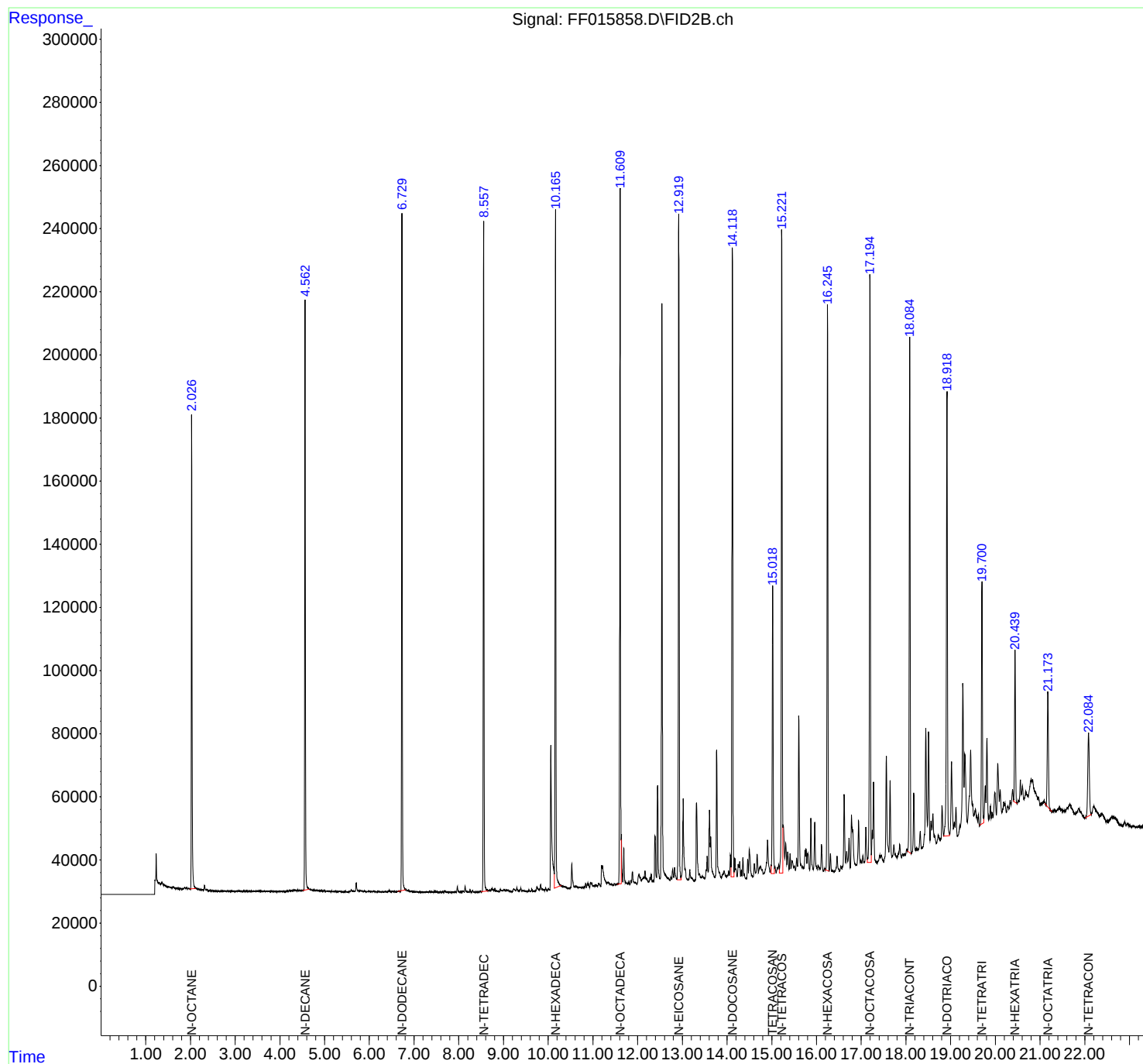
APPROVED

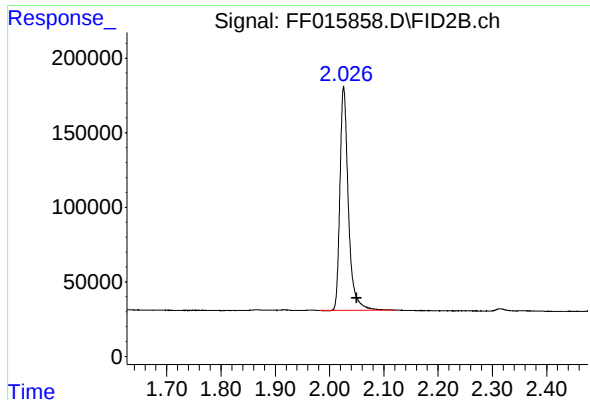
Reviewed By :Yogesh Patel 05/19/2025

Supervised By :mohammad ahmed 05/20/2025

Integration File: autoint1.e
Quant Time: May 17 03:24:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF042225.M
Quant Title :
QLast Update : Tue Apr 22 11:27:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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





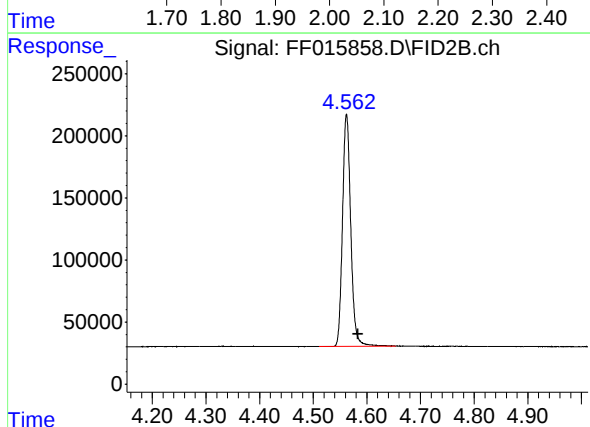
#1 N-OCTANE

R.T.: 2.026 min
Delta R.T.: -0.024 min
Response: 1621472
Conc: 14.30 ug/ml

Instrument :
FID_F
ClientSampleId :
WASTEMSD

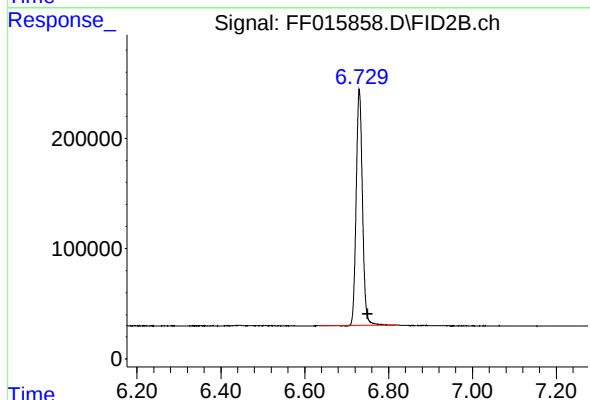
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



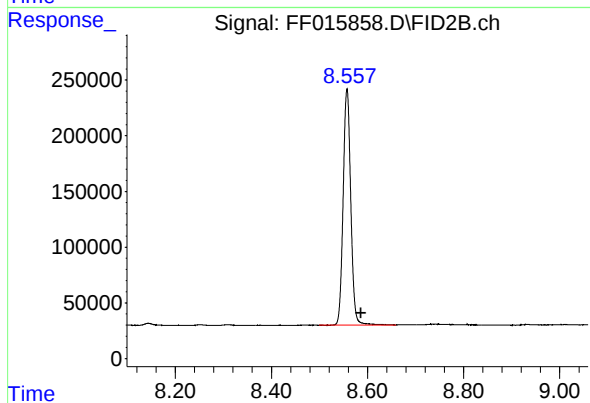
#2 N-DECANE

R.T.: 4.562 min
Delta R.T.: -0.022 min
Response: 1995294
Conc: 19.55 ug/ml



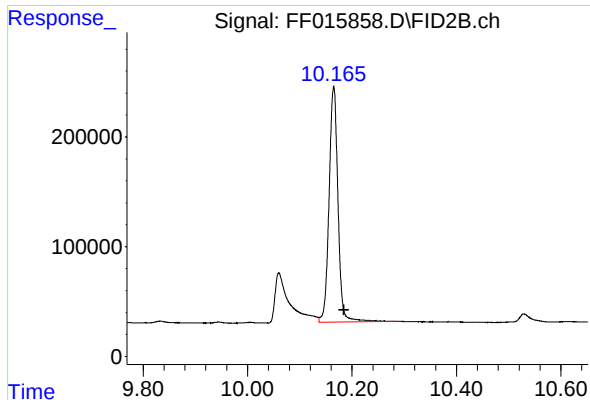
#3 N-DODECANE

R.T.: 6.730 min
Delta R.T.: -0.020 min
Response: 2228952
Conc: 20.36 ug/ml



#4 N-TETRADECANE

R.T.: 8.557 min
Delta R.T.: -0.029 min
Response: 2335988
Conc: 20.24 ug/ml



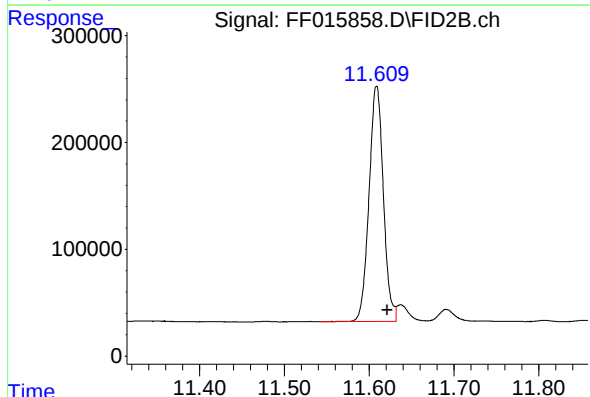
#5 N-HEXADECANE

R.T.: 10.165 min
Delta R.T.: -0.020 min
Response: 2552194
Conc: 21.63 ug/ml

Instrument :
FID_F
ClientSampleId :
WASTEMSD

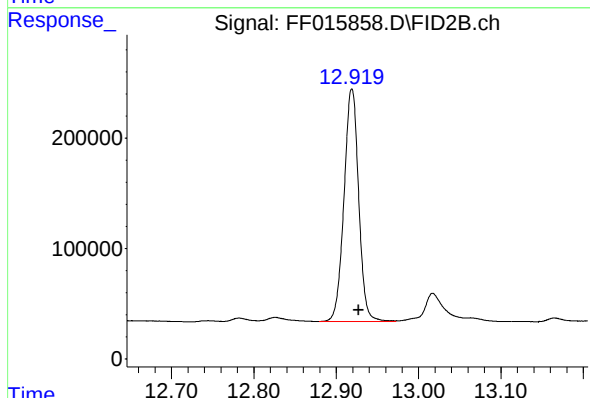
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



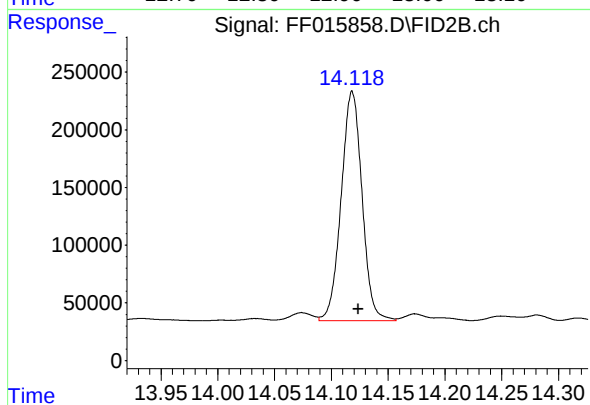
#6 N-OCTADECANE

R.T.: 11.609 min
Delta R.T.: -0.012 min
Response: 2586327
Conc: 20.56 ug/ml



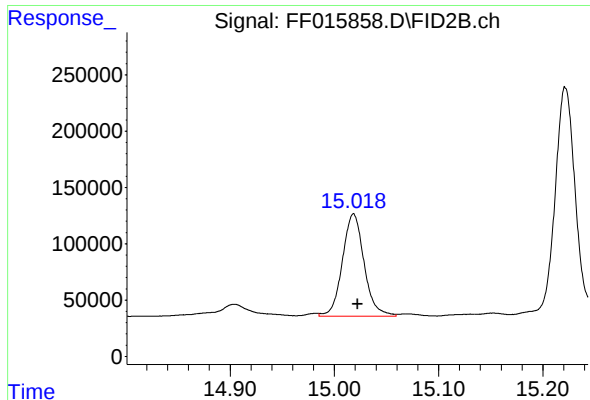
#7 N-EICOSANE

R.T.: 12.919 min
Delta R.T.: -0.008 min
Response: 2611738
Conc: 20.02 ug/ml



#8 N-DOCOSANE

R.T.: 14.118 min
Delta R.T.: -0.006 min
Response: 2539659
Conc: 19.94 ug/ml



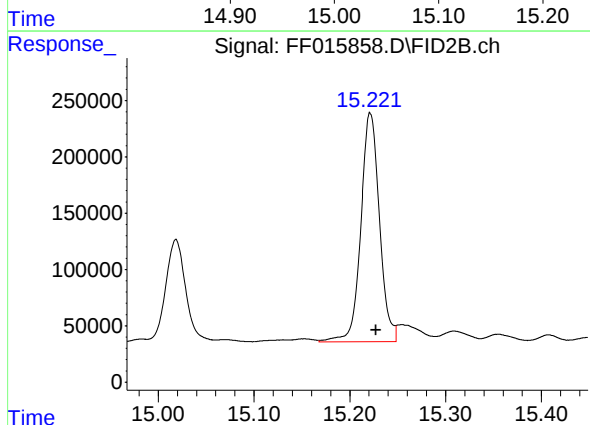
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.018 min
Delta R.T.: -0.004 min
Response: 1317768
Conc: 11.68 ug/ml

Instrument :
FID_F
ClientSampleId :
WASTEMSD

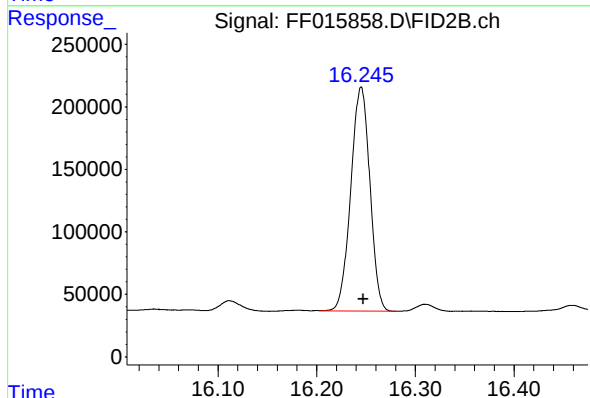
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



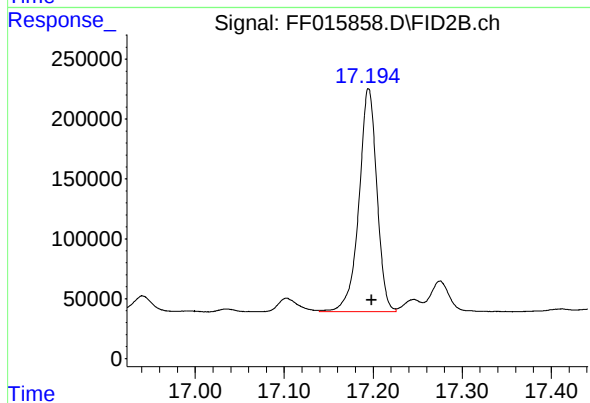
#10 N-TETRACOSANE

R.T.: 15.221 min
Delta R.T.: -0.006 min
Response: 2761791
Conc: 21.96 ug/ml



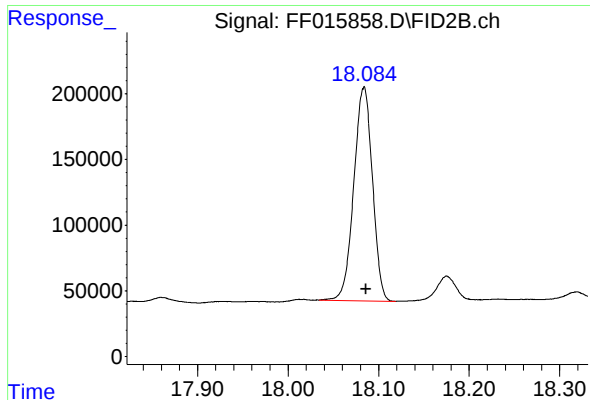
#11 N-HEXACOSANE

R.T.: 16.245 min
Delta R.T.: -0.002 min
Response: 2415260
Conc: 19.81 ug/ml



#12 N-OCTACOSANE

R.T.: 17.195 min
Delta R.T.: -0.003 min
Response: 2604215
Conc: 22.01 ug/ml



#13 N-TRIACONTANE

R.T.: 18.084 min
Delta R.T.: -0.002 min
Response: 2327754
Conc: 19.75 ug/ml

Instrument :

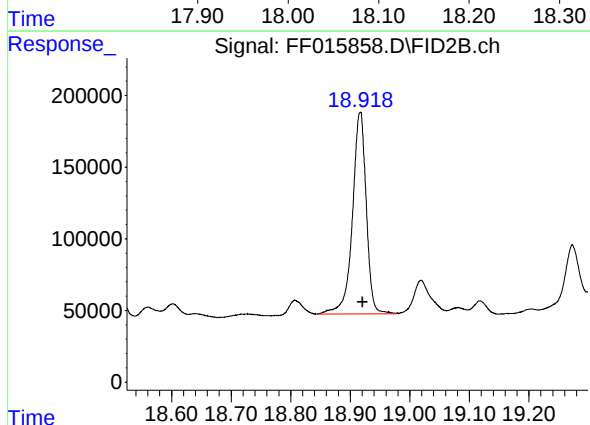
FID_F

ClientSampleId :

WASTEMSD

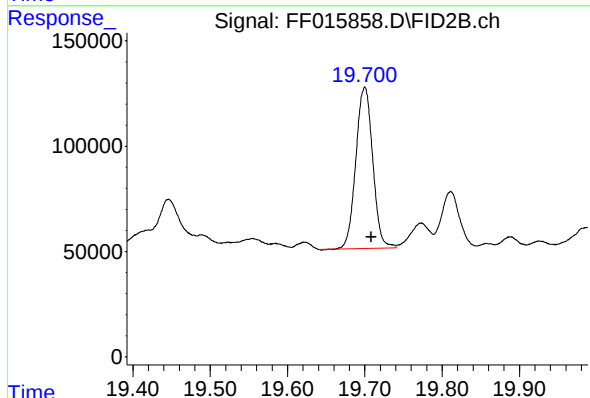
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



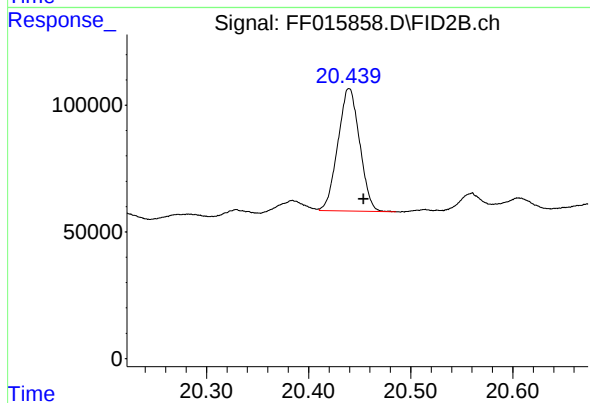
#14 N-DOTRIACONTANE

R.T.: 18.918 min
Delta R.T.: -0.003 min
Response: 2275672
Conc: 19.97 ug/ml



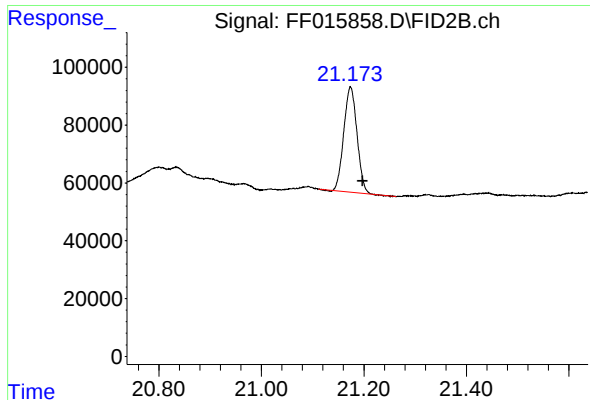
#15 N-TETRATRIACONTANE

R.T.: 19.700 min
Delta R.T.: -0.008 min
Response: 1160630
Conc: 11.63 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.439 min
Delta R.T.: -0.015 min
Response: 715498
Conc: 8.97 ug/ml



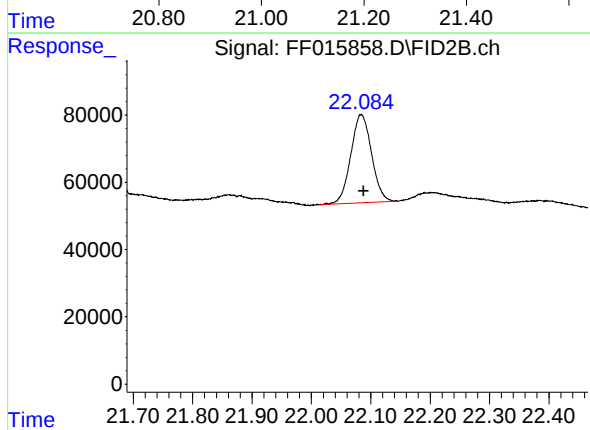
#17 N-OCTATRIACONTANE

R.T.: 21.174 min
Delta R.T.: -0.024 min
Response: 654355
Conc: 11.52 ug/ml

Instrument :
FID_F
ClientSampleId :
WASTEMSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



#18 N-TETRACONTANE

R.T.: 22.084 min
Delta R.T.: -0.004 min
Response: 639224
Conc: 15.72 ug/ml m