

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071425\
 Data File : FF016157.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jul 2025 17:19
 Operator : YP\AJ
 Sample : Q2580-02MSD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WC-URBAN-FILL-B2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/15/2025
 Supervised By :mohammad ahmed 07/16/2025

Integration File: autoint1.e
 Quant Time: Jul 15 00:48:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
 Quant Title :
 QLast Update : Thu Jul 10 12:51:11 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...	15.099	1419190	14.575 ug/ml
Target Compounds			
1) N-OCTANE	2.069	2202362	17.656 ug/ml
2) N-DECANE	4.612	2395184	19.246 ug/ml
3) N-DODECANE	6.790	2469391	20.265 ug/ml
4) N-TETRADECANE	8.624	2439227	20.290 ug/mlm
5) N-HEXADECANE	10.235	2269723	19.512 ug/ml
6) N-OCTADECANE	11.682	2380814	20.488 ug/ml
7) N-EICOSANE	12.995	2481244	21.216 ug/ml
8) N-DOCOSANE	14.197	2335360	20.828 ug/ml
10) N-TETRACOSANE	15.303	3314861	29.888 ug/ml
11) N-HEXACOSANE	16.328	2209717	20.579 ug/ml
12) N-OCTACOSANE	17.281	2471046	22.979 ug/mlm
13) N-TRIACONTANE	18.173	2289132	21.135 ug/ml
14) N-DOTRIACONTANE	19.008	2123410	20.249 ug/mlm
15) N-TETRATRIACONTANE	19.795	1859213	19.379 ug/ml
16) N-HEXATRIACONTANE	20.538	1574849	18.878 ug/ml
17) N-OCTATRIACONTANE	21.304	1570062	21.319 ug/mlm
18) N-TETRACONTANE	22.268	1376330	20.235 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071425\
Data File : FF016157.D
Signal(s) : FID2B.ch
Acq On : 14 Jul 2025 17:19
Operator : YP\AJ
Sample : Q2580-02MSD
Misc :
ALS Vial : 76 Sample Multiplier: 1

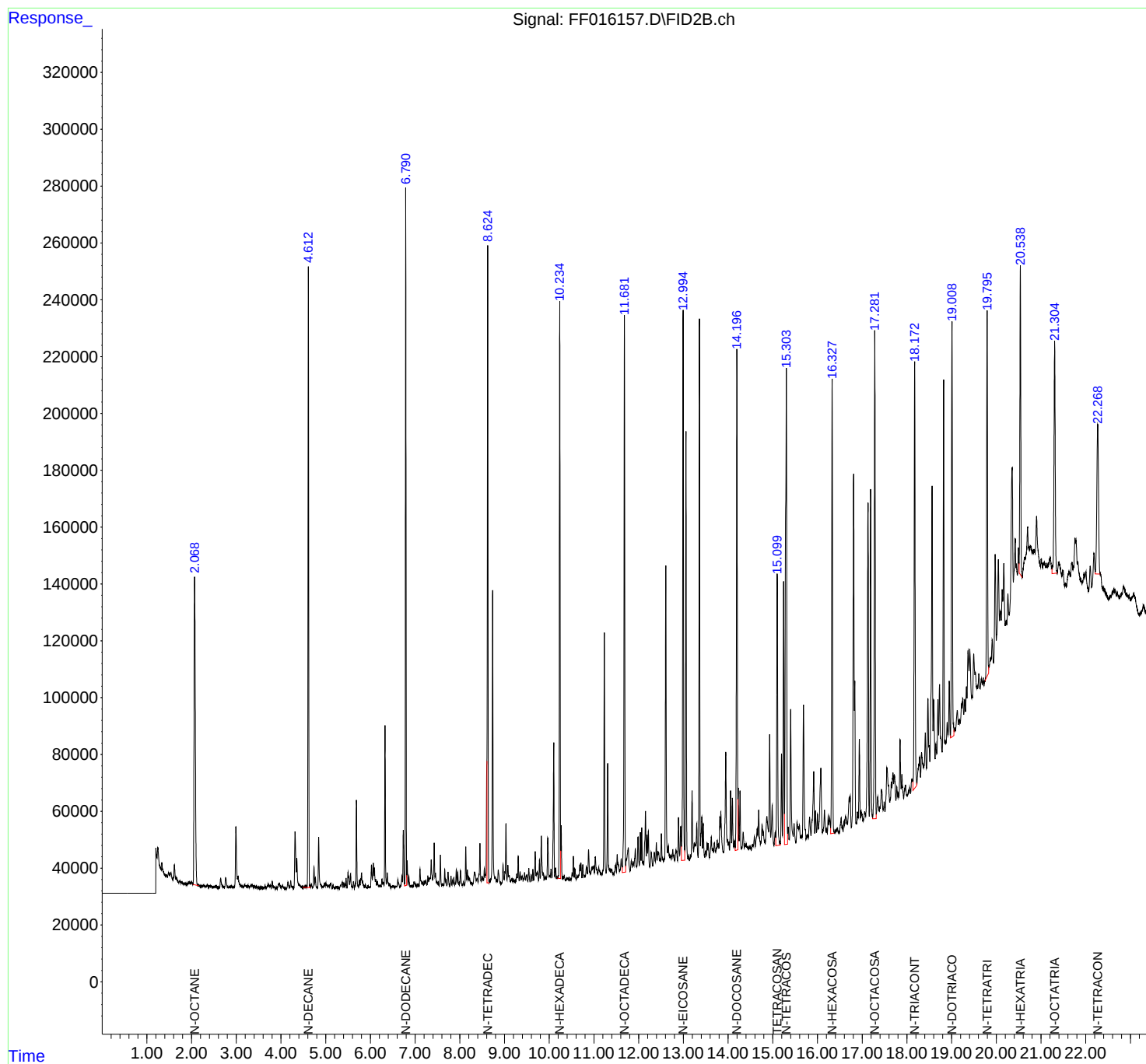
Instrument :
FID_F
ClientSampleId :
WC-URBAN-FILL-B2MSD

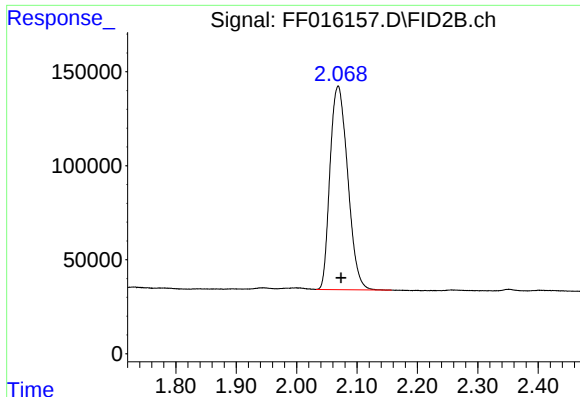
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/15/2025
Supervised By :mohammad ahmed 07/16/2025

Integration File: autoint1.e
Quant Time: Jul 15 00:48:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Quant Title :
QLast Update : Thu Jul 10 12:51:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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





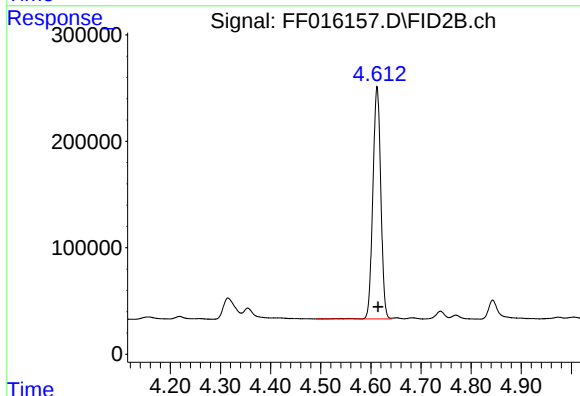
#1 N-OCTANE

R.T.: 2.069 min
Delta R.T.: -0.005 min
Response: 2202362
Conc: 17.66 ug/ml

Instrument :
FID_F
ClientSampleId :
WC-URBAN-FILL-B2MSD

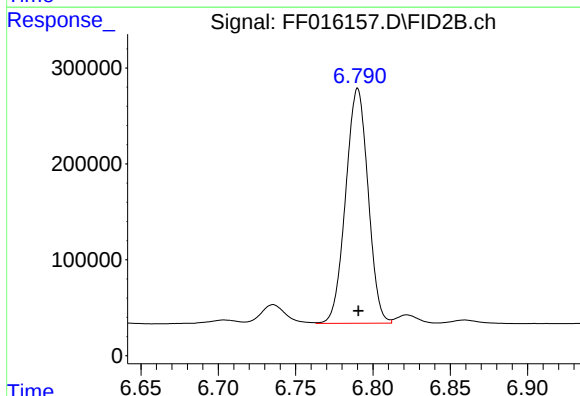
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/15/2025
Supervised By :mohammad ahmed 07/16/2025



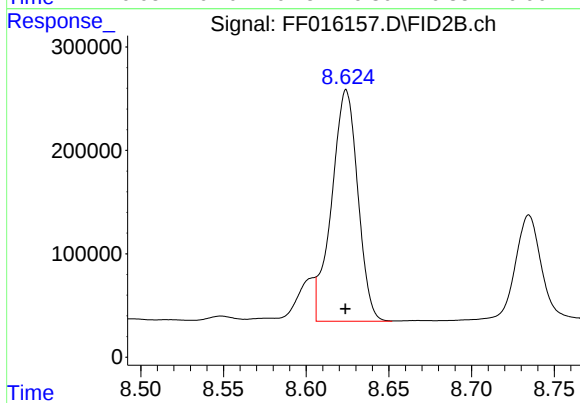
#2 N-DECANE

R.T.: 4.612 min
Delta R.T.: -0.002 min
Response: 2395184
Conc: 19.25 ug/ml



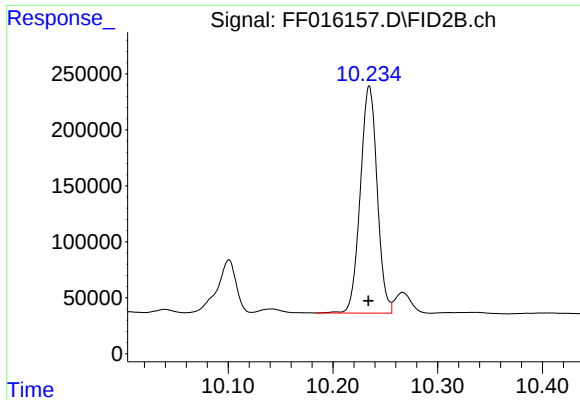
#3 N-DODECANE

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 2469391
Conc: 20.26 ug/ml



#4 N-TETRADECANE

R.T.: 8.624 min
Delta R.T.: 0.000 min
Response: 2439227
Conc: 20.29 ug/ml m



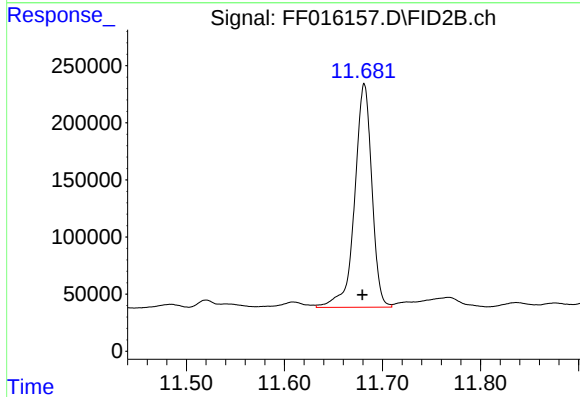
#5 N-HEXADECANE

R.T.: 10.235 min
Delta R.T.: 0.001 min
Response: 2269723
Conc: 19.51 ug/ml

Instrument :
FID_F
ClientSampleId :
WC-URBAN-FILL-B2MSD

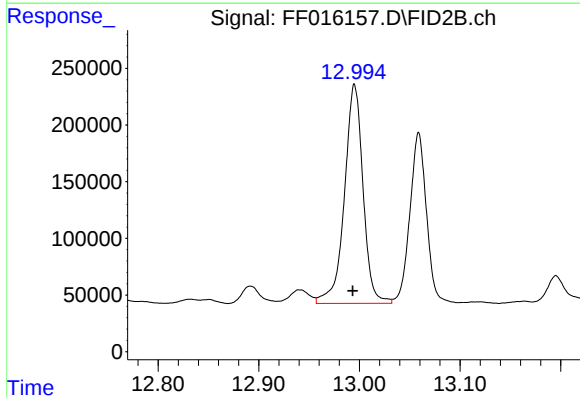
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/15/2025
Supervised By :mohammad ahmed 07/16/2025



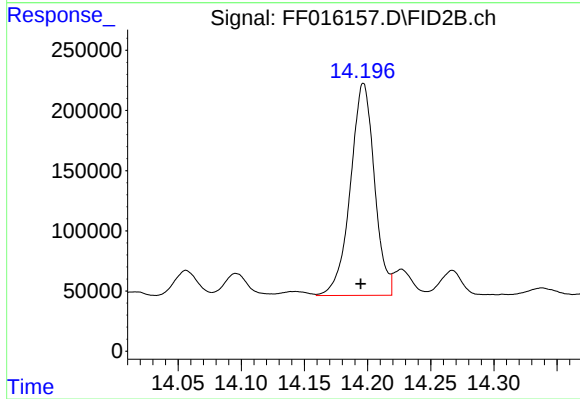
#6 N-OCTADECANE

R.T.: 11.682 min
Delta R.T.: 0.002 min
Response: 2380814
Conc: 20.49 ug/ml



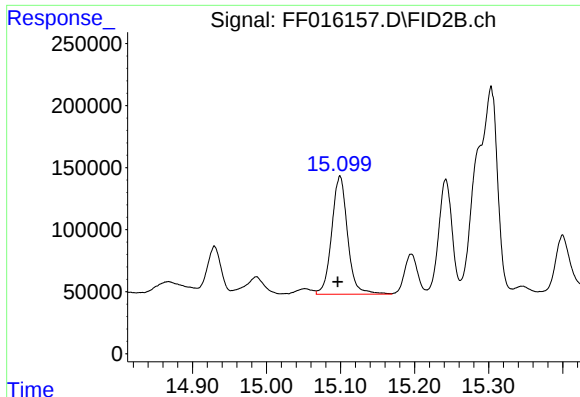
#7 N-EICOSANE

R.T.: 12.995 min
Delta R.T.: 0.002 min
Response: 2481244
Conc: 21.22 ug/ml



#8 N-DOCOSANE

R.T.: 14.197 min
Delta R.T.: 0.002 min
Response: 2335360
Conc: 20.83 ug/ml



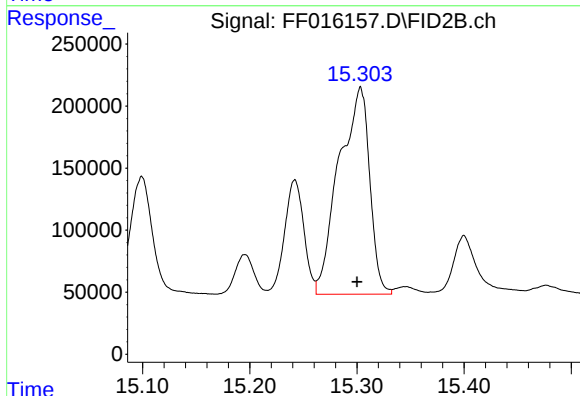
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.099 min
Delta R.T.: 0.003 min
Response: 1419190
Conc: 14.57 ug/ml

Instrument :
FID_F
ClientSampleId :
WC-URBAN-FILL-B2MSD

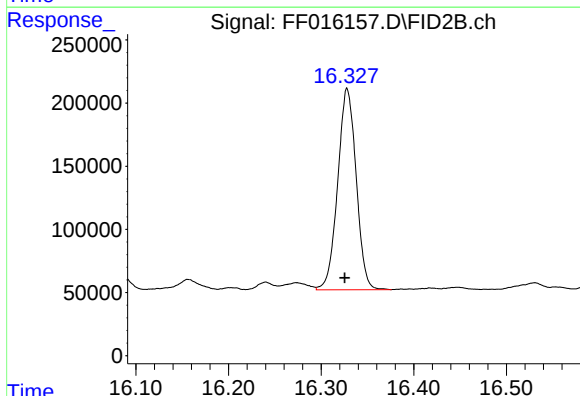
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/15/2025
Supervised By :mohammad ahmed 07/16/2025



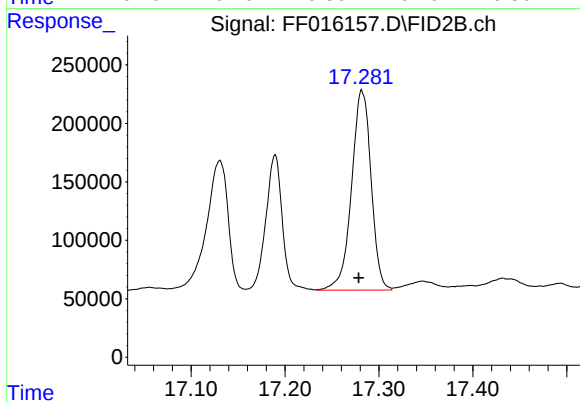
#10 N-TETRACOSANE

R.T.: 15.303 min
Delta R.T.: 0.003 min
Response: 3314861
Conc: 29.89 ug/ml



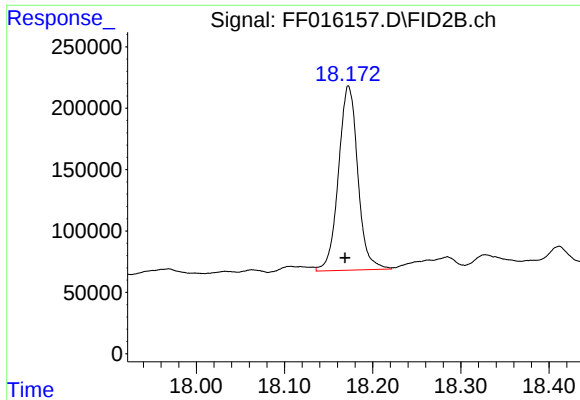
#11 N-HEXACOSANE

R.T.: 16.328 min
Delta R.T.: 0.003 min
Response: 2209717
Conc: 20.58 ug/ml



#12 N-OCTACOSANE

R.T.: 17.281 min
Delta R.T.: 0.002 min
Response: 2471046
Conc: 22.98 ug/ml m



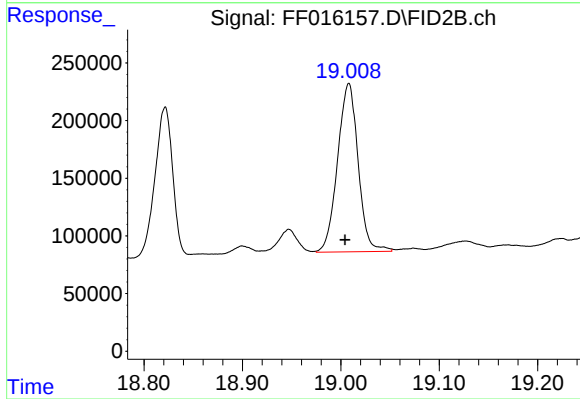
#13 N-TRIACONTANE

R.T.: 18.173 min
Delta R.T.: 0.004 min
Response: 2289132
Conc: 21.13 ug/ml

Instrument :
FID_F
ClientSampleId :
WC-URBAN-FILL-B2MSD

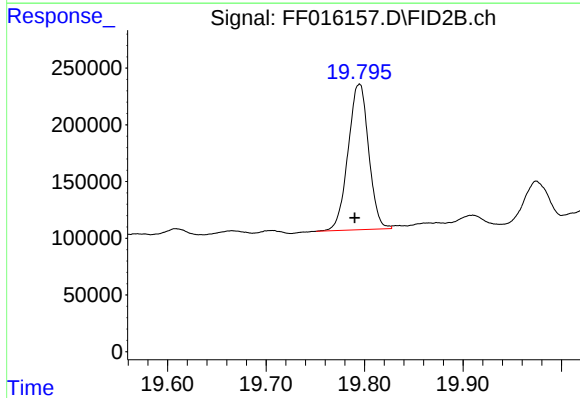
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/15/2025
Supervised By :mohammad ahmed 07/16/2025



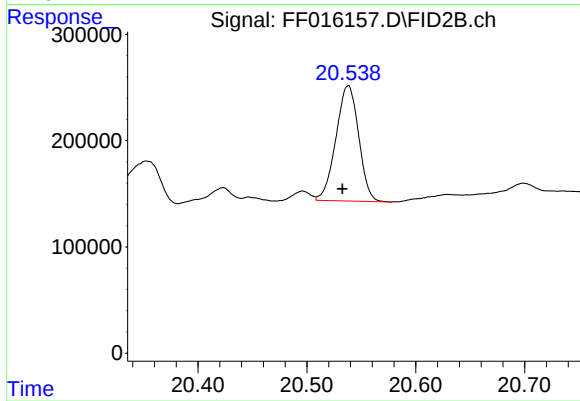
#14 N-DOTRIACONTANE

R.T.: 19.008 min
Delta R.T.: 0.004 min
Response: 2123410
Conc: 20.25 ug/ml m



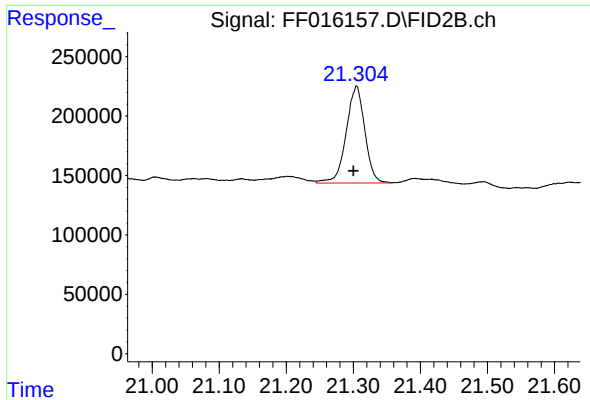
#15 N-TETRATRIACONTANE

R.T.: 19.795 min
Delta R.T.: 0.005 min
Response: 1859213
Conc: 19.38 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.538 min
Delta R.T.: 0.005 min
Response: 1574849
Conc: 18.88 ug/ml



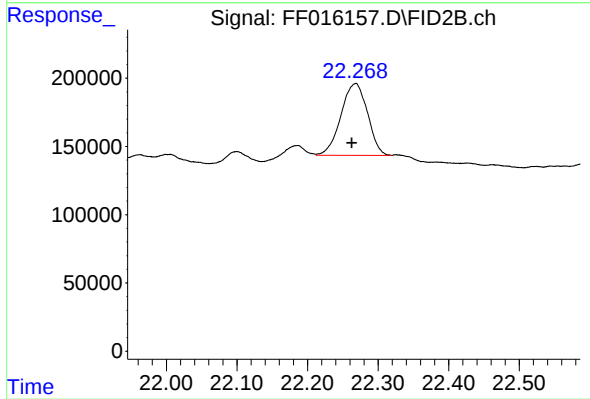
#17 N-OCTATRIACONTANE

R.T.: 21.304 min
Delta R.T.: 0.004 min
Response: 1570062
Conc: 21.32 ug/ml

Instrument :
FID_F
ClientSampleId :
WC-URBAN-FILL-B2MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/15/2025
Supervised By :mohammad ahmed 07/16/2025



#18 N-TETRACONTANE

R.T.: 22.268 min
Delta R.T.: 0.006 min
Response: 1376330
Conc: 20.23 ug/ml