

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050123\
 Data File : FF012551.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2023 13:37
 Operator : YP\AJ
 Sample : 02416-11MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 NATIONAL-GRID-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2023
 Supervised By :Ankita Jodhani 05/02/2023

Integration File: autoint1.e
 Quant Time: May 02 01:13:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF041323.M
 Quant Title :
 QLast Update : Thu Apr 13 15:26:28 2023
 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...	15.010	1732569	14.414 ug/ml
Target Compounds			
1) N-OCTANE	2.058	1723593	13.850 ug/ml
2) N-DECANE	4.571	2252370	18.076 ug/ml
3) N-DODECANE	6.734	2558334	20.714 ug/ml
4) N-TETRADECANE	8.559	2527002	19.700 ug/ml
5) N-HEXADECANE	10.163	2601578	19.484 ug/ml
6) N-OCTADECANE	11.606	2810793	20.605 ug/ml
7) N-EICOSANE	12.914	3034439	22.036 ug/ml
8) N-DOCOSANE	14.111	2872337	21.338 ug/ml
10) N-TETRACOSANE	15.213	4892042	36.166 ug/ml
11) N-HEXACOSANE	16.235	2850883	21.410 ug/ml
12) N-OCTACOSANE	17.186	2669924	20.244 ug/ml
13) N-TRIACONTANE	18.074	2750037	21.075 ug/mlm
14) N-DOTRIACONTANE	18.906	3497455	27.725 ug/mlm
15) N-TETRATRIACONTANE	19.689	2280131	20.106 ug/mlm
16) N-HEXATRIACONTANE	20.430	2068689	20.259 ug/mlm
17) N-OCTATRIACONTANE	21.164	2007848	20.604 ug/mlm
18) N-TETRACONTANE	22.075	2173659	22.477 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050123\
Data File : FF012551.D
Signal(s) : FID2B.ch
Acq On : 01 May 2023 13:37
Operator : YP\AJ
Sample : 02416-11MSD
Misc :
ALS Vial : 65 Sample Multiplier: 1

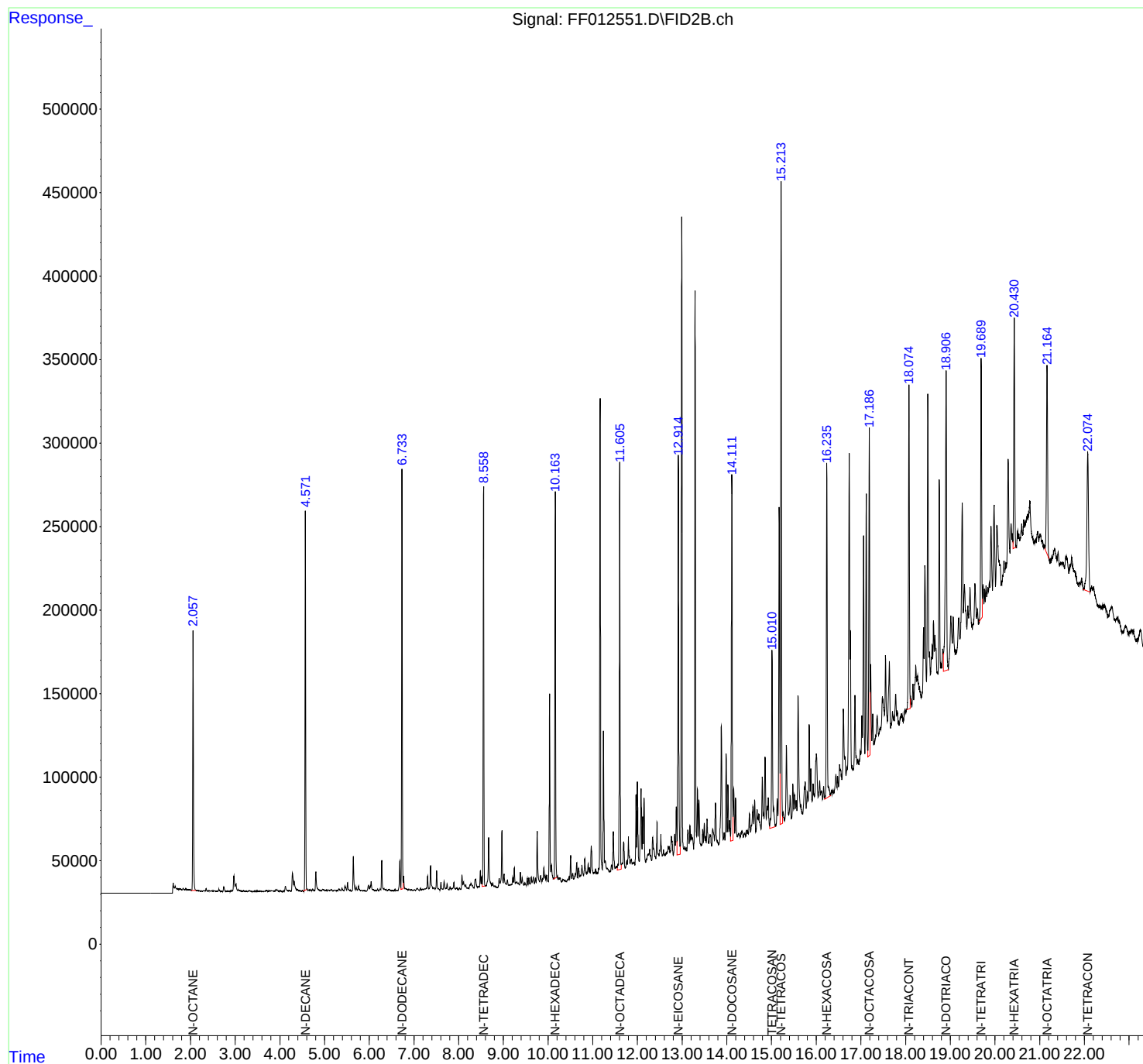
Instrument :
FID_F
ClientSampleId :
NATIONAL-GRID-COMPMSD

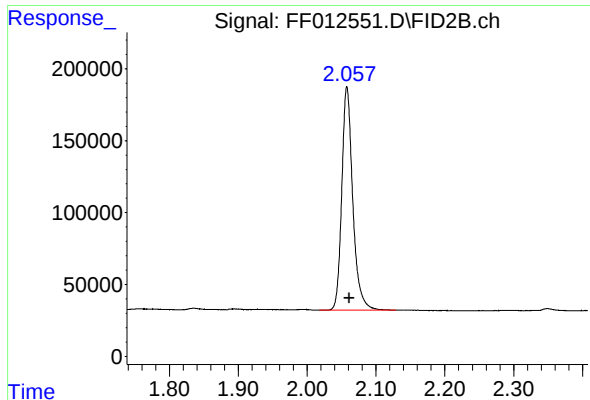
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/02/2023
Supervised By :Ankita Jodhani 05/02/2023

Integration File: autoint1.e
Quant Time: May 02 01:13:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF041323.M
Quant Title :
QLast Update : Thu Apr 13 15:26:28 2023
Response via : Initial Calibration
Integrator: ChemStation

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





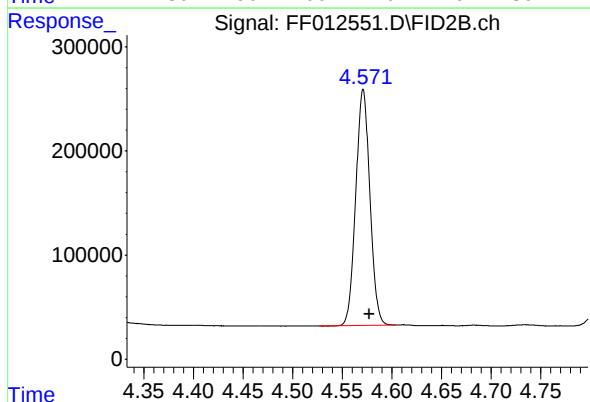
#1 N-OCTANE

R.T.: 2.058 min
Delta R.T.: -0.003 min
Response: 1723593
Conc: 13.85 ug/ml

Instrument :
FID_F
ClientSampleId :
NATIONAL-GRID-COMPMSD

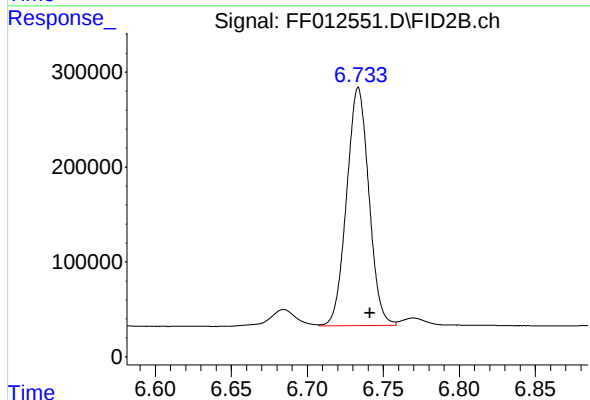
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/02/2023
Supervised By :Ankita Jodhani 05/02/2023



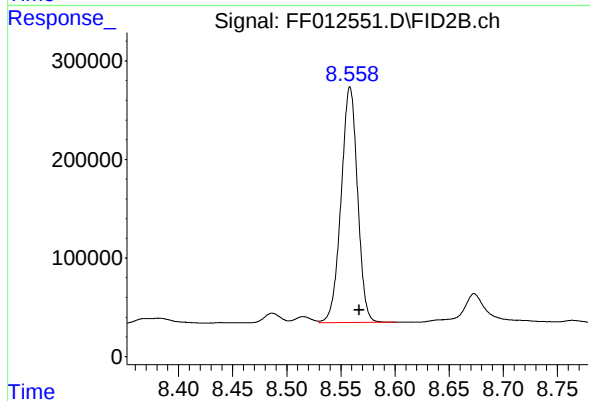
#2 N-DECANE

R.T.: 4.571 min
Delta R.T.: -0.006 min
Response: 2252370
Conc: 18.08 ug/ml



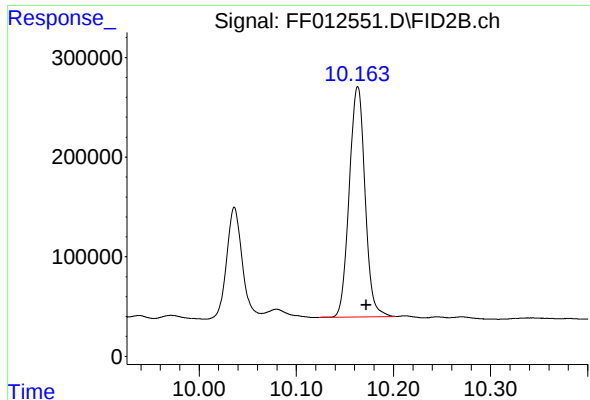
#3 N-DODECANE

R.T.: 6.734 min
Delta R.T.: -0.008 min
Response: 2558334
Conc: 20.71 ug/ml



#4 N-TETRADECANE

R.T.: 8.559 min
Delta R.T.: -0.009 min
Response: 2527002
Conc: 19.70 ug/ml



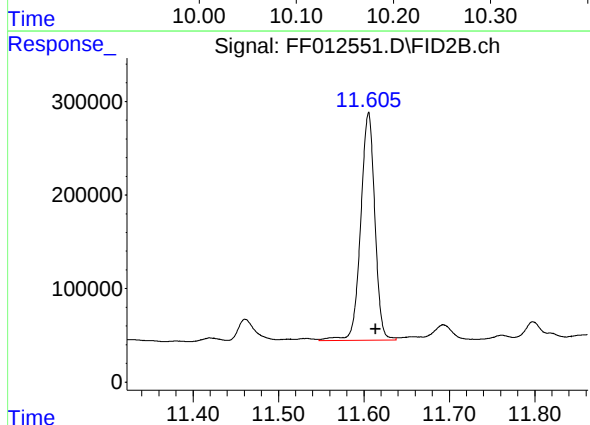
#5 N-HEXADECANE

R.T.: 10.163 min
Delta R.T.: -0.009 min
Response: 2601578
Conc: 19.48 ug/ml

Instrument :
FID_F
ClientSampleId :
NATIONAL-GRID-COMPMSD

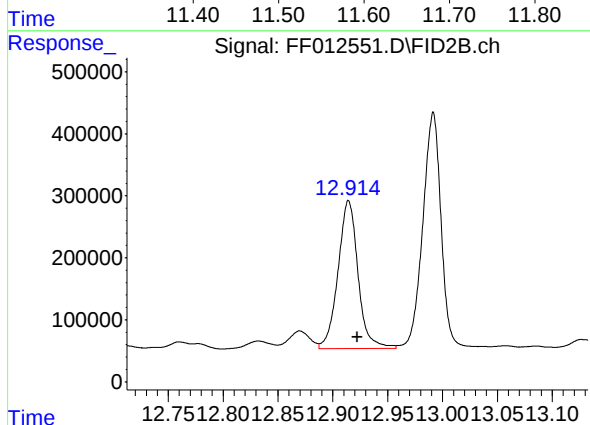
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/02/2023
Supervised By :Ankita Jodhani 05/02/2023



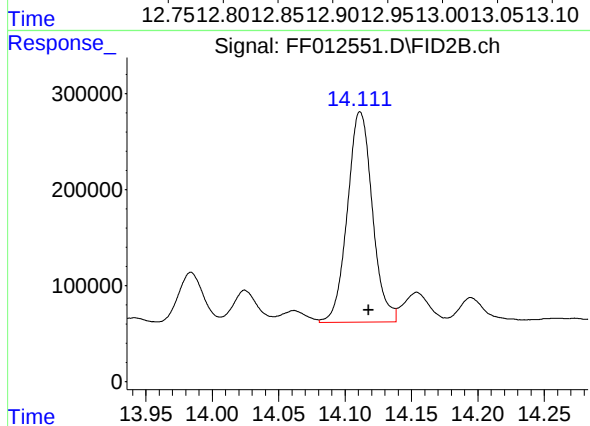
#6 N-OCTADECANE

R.T.: 11.606 min
Delta R.T.: -0.008 min
Response: 2810793
Conc: 20.60 ug/ml



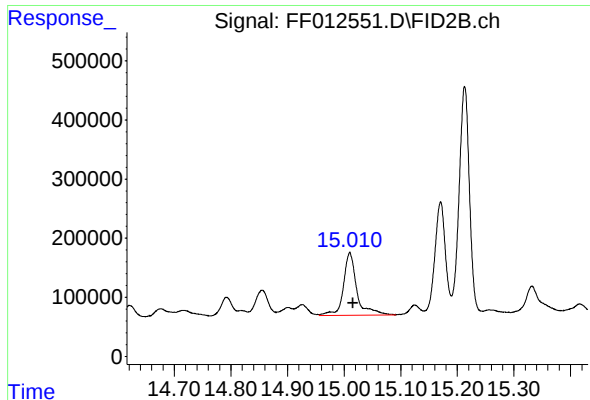
#7 N-EICOSANE

R.T.: 12.914 min
Delta R.T.: -0.008 min
Response: 3034439
Conc: 22.04 ug/ml



#8 N-DOCOSANE

R.T.: 14.111 min
Delta R.T.: -0.006 min
Response: 2872337
Conc: 21.34 ug/ml



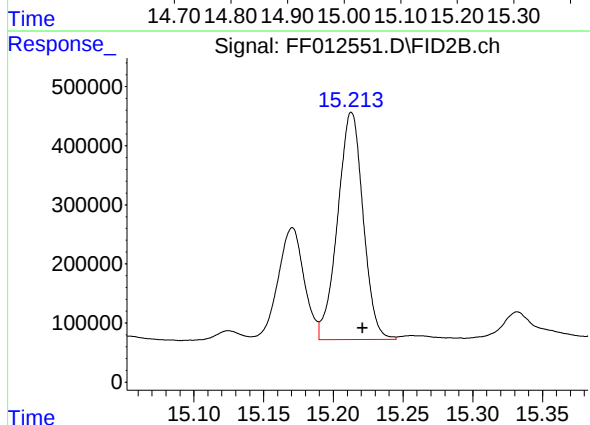
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.010 min
Delta R.T.: -0.006 min
Response: 1732569
Conc: 14.41 ug/ml

Instrument : FID_F
ClientSampleId : NATIONAL-GRID-COMPMSD

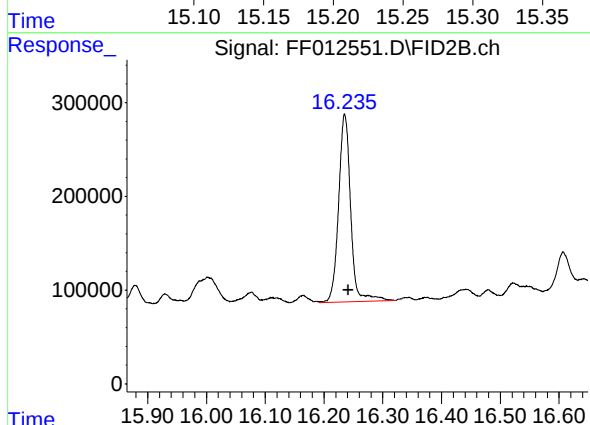
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/02/2023
Supervised By :Ankita Jodhani 05/02/2023



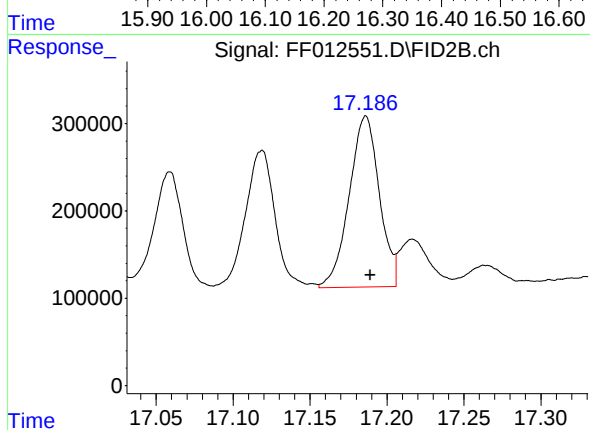
#10 N-TETRACOSANE

R.T.: 15.213 min
Delta R.T.: -0.008 min
Response: 4892042
Conc: 36.17 ug/ml



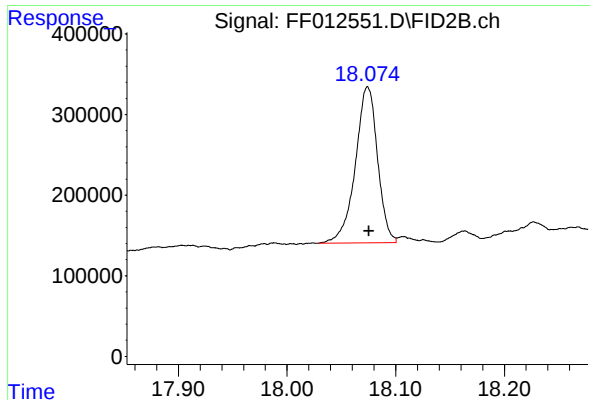
#11 N-HEXACOSANE

R.T.: 16.235 min
Delta R.T.: -0.006 min
Response: 2850883
Conc: 21.41 ug/ml



#12 N-OCTACOSANE

R.T.: 17.186 min
Delta R.T.: -0.003 min
Response: 2669924
Conc: 20.24 ug/ml



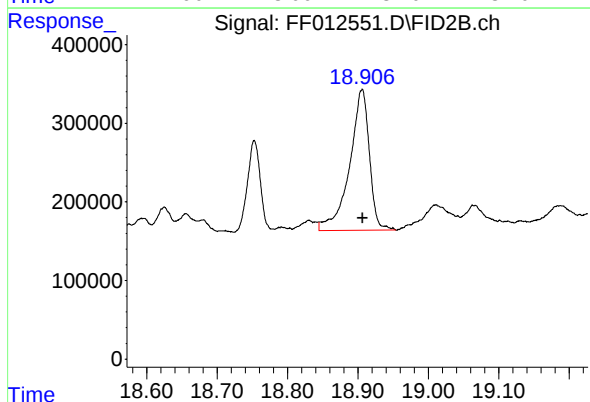
#13 N-TRIACONTANE

R.T.: 18.074 min
Delta R.T.: -0.002 min
Response: 2750037
Conc: 21.08 ug/ml

Instrument :
FID_F
ClientSampleId :
NATIONAL-GRID-COMPMSD

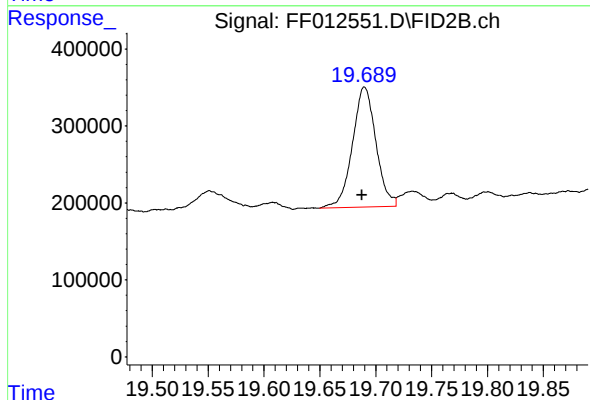
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/02/2023
Supervised By :Ankita Jodhani 05/02/2023



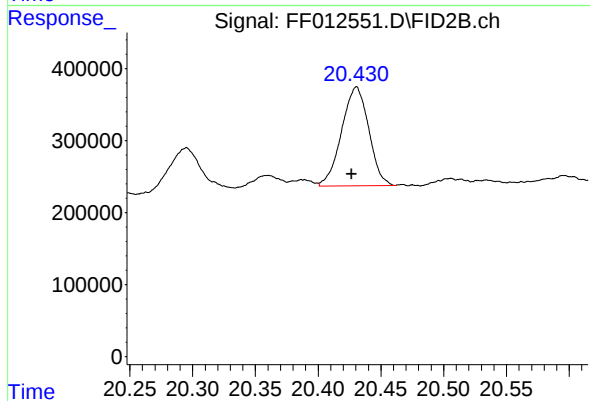
#14 N-DOTRIACONTANE

R.T.: 18.906 min
Delta R.T.: 0.000 min
Response: 3497455
Conc: 27.72 ug/ml m



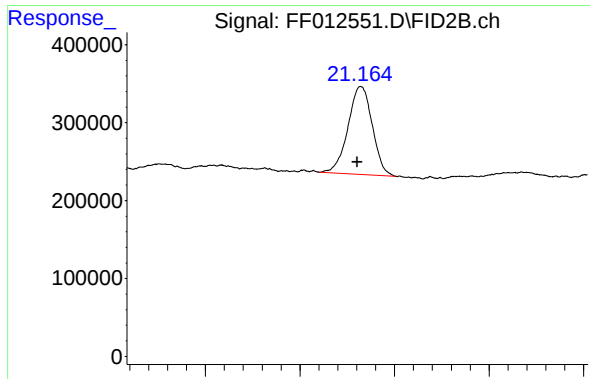
#15 N-TETRATRIACONTANE

R.T.: 19.689 min
Delta R.T.: 0.002 min
Response: 2280131
Conc: 20.11 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.430 min
Delta R.T.: 0.004 min
Response: 2068689
Conc: 20.26 ug/ml m



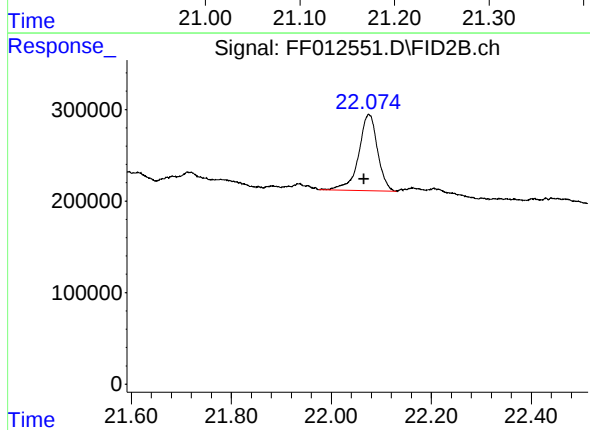
#17 N-OCTATRIACONTANE

R.T.: 21.164 min
Delta R.T.: 0.003 min
Response: 2007848
Conc: 20.60 ug/ml

Instrument :
FID_F
ClientSampleId :
NATIONAL-GRID-COMPMSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/02/2023
Supervised By :Ankita Jodhani 05/02/2023



#18 N-TETRACONTANE

R.T.: 22.075 min
Delta R.T.: 0.009 min
Response: 2173659
Conc: 22.48 ug/ml