

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
 Data File : FF015735.D
 Signal(s) : FID2B.ch
 Acq On : 26 Mar 2025 12:52
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/27/2025
 Supervised By :mohammad ahmed 03/28/2025

Integration File: autoint1.e
 Quant Time: Mar 26 13:01:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
 Quant Title :
 QLast Update : Wed Mar 26 12:54:04 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...	15.025	512482	4.602 ug/ml
Target Compounds			
1) N-OCTANE	2.033	490750	4.236 ug/ml
2) N-DECANE	4.570	437559	3.787 ug/ml
3) N-DODECANE	6.740	429396	3.636 ug/ml
4) N-TETRADECANE	8.582	405542	3.406 ug/ml
5) N-HEXADECANE	10.183	494294	4.066 ug/ml
6) N-OCTADECANE	11.621	540901	4.300 ug/ml
7) N-EICOSANE	12.927	587297	4.538 ug/ml
8) N-DOCOSANE	14.124	577980	4.583 ug/ml
10) N-TETRACOSANE	15.230	582073	4.608 ug/ml
11) N-HEXACOSANE	16.253	571230	4.547 ug/ml
12) N-OCTACOSANE	17.204	567794	4.568 ug/ml
13) N-TRIACONTANE	18.093	584488	4.671 ug/ml
14) N-DOTRIACONTANE	18.926	567632	4.757 ug/ml
15) N-TETRATRIACONTANE	19.711	478325	4.499 ug/ml
16) N-HEXATRIACONTANE	20.453	405037	4.541 ug/ml
17) N-OCTATRIACONTANE	21.197	276360	3.711 ug/ml
18) N-TETRACONTANE	22.127	300117	4.865 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032625\
Data File : FF015735.D
Signal(s) : FID2B.ch
Acq On : 26 Mar 2025 12:52
Operator : YP\AJ
Sample : 5 TRPH STD
Misc :
ALS Vial : 75 Sample Multiplier: 1

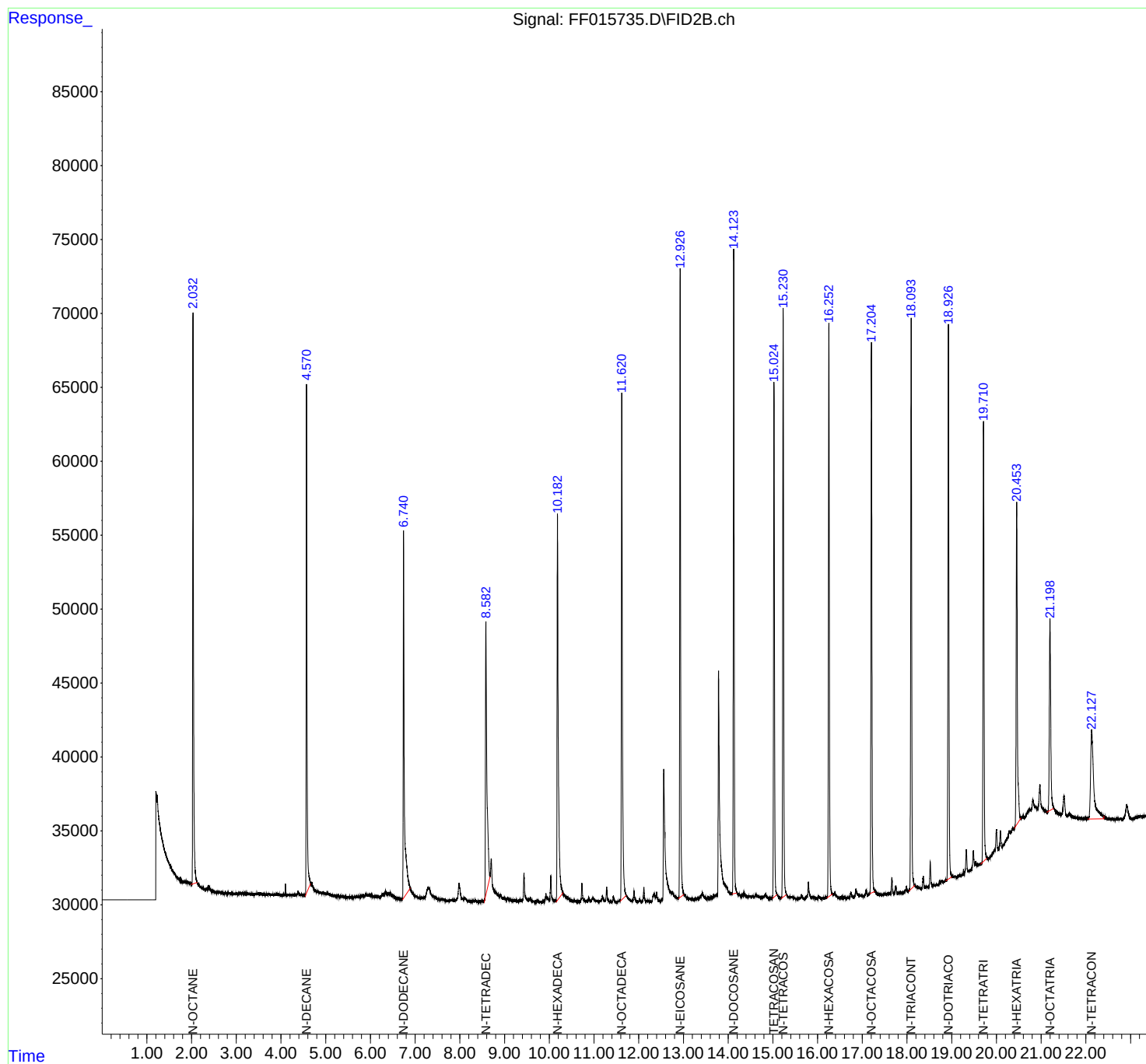
Instrument :
FID_F
ClientSampleId :
5 TRPH STD

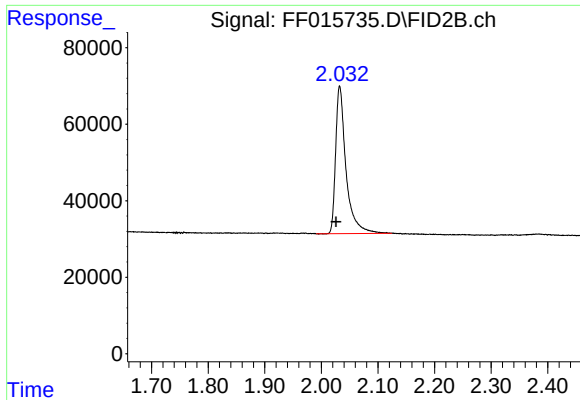
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2025
Supervised By :mohammad ahmed 03/28/2025

Integration File: autoint1.e
Quant Time: Mar 26 13:01:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
Quant Title :
QLast Update : Wed Mar 26 12:54:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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





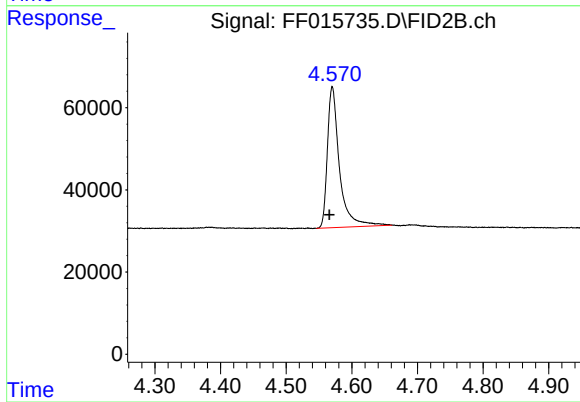
#1 N-OCTANE

R.T.: 2.033 min
Delta R.T.: 0.007 min
Response: 490750
Conc: 4.24 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

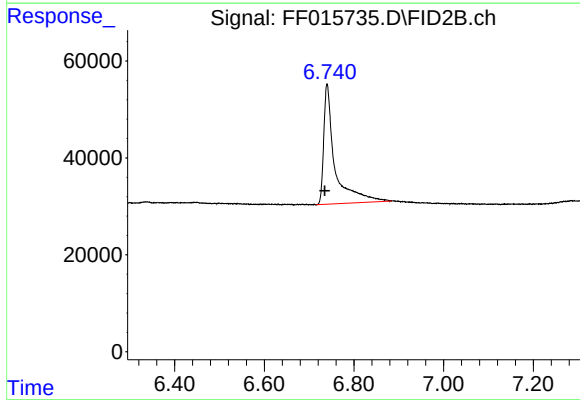
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



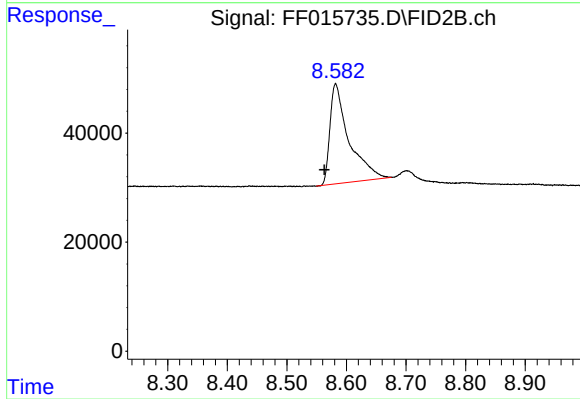
#2 N-DECANE

R.T.: 4.570 min
Delta R.T.: 0.004 min
Response: 437559
Conc: 3.79 ug/ml



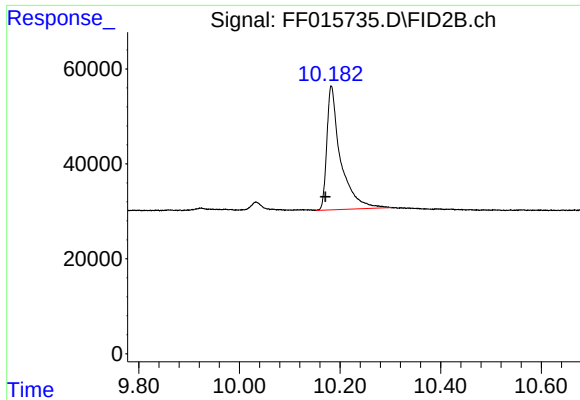
#3 N-DODECANE

R.T.: 6.740 min
Delta R.T.: 0.005 min
Response: 429396
Conc: 3.64 ug/ml



#4 N-TETRADECANE

R.T.: 8.582 min
Delta R.T.: 0.019 min
Response: 405542
Conc: 3.41 ug/ml



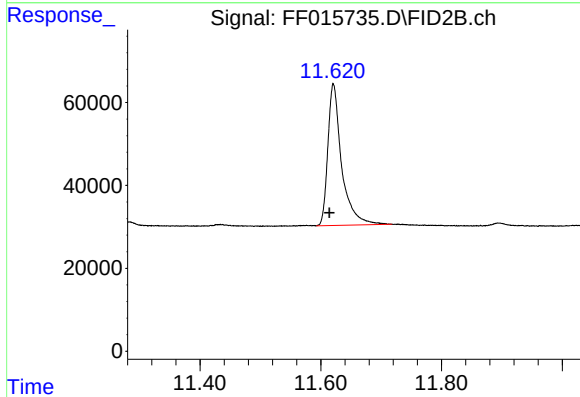
#5 N-HEXADECANE

R.T.: 10.183 min
Delta R.T.: 0.012 min
Response: 494294
Conc: 4.07 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

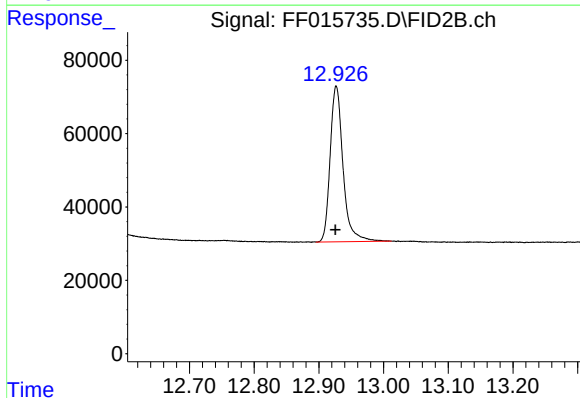
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



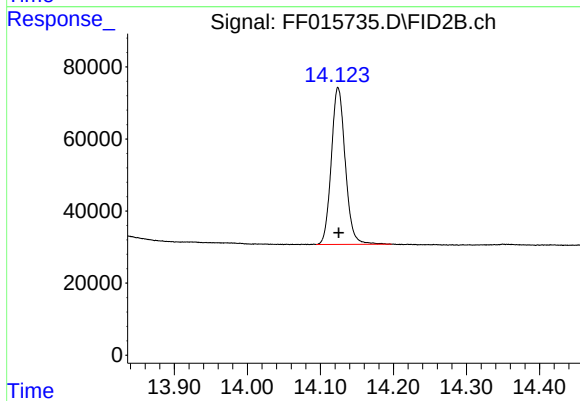
#6 N-OCTADECANE

R.T.: 11.621 min
Delta R.T.: 0.006 min
Response: 540901
Conc: 4.30 ug/ml



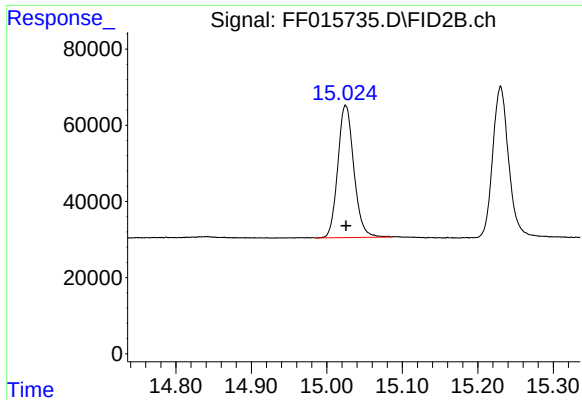
#7 N-EICOSANE

R.T.: 12.927 min
Delta R.T.: 0.001 min
Response: 587297
Conc: 4.54 ug/ml



#8 N-DOCOSANE

R.T.: 14.124 min
Delta R.T.: 0.000 min
Response: 577980
Conc: 4.58 ug/ml



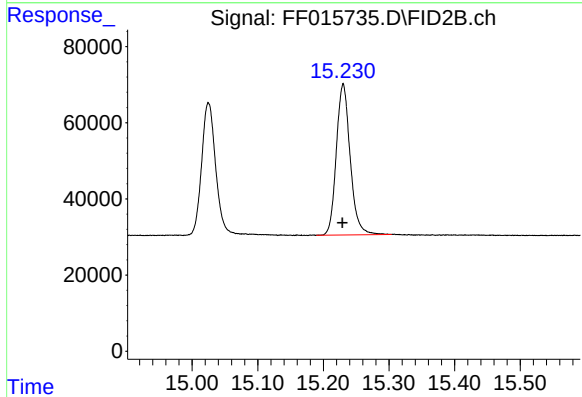
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.025 min
Delta R.T.: 0.000 min
Response: 512482
Conc: 4.60 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

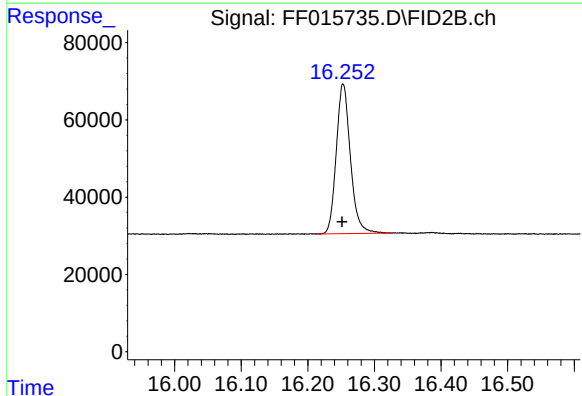
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



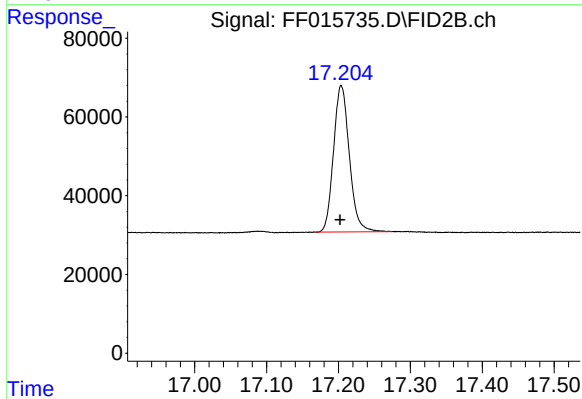
#10 N-TETRACOSANE

R.T.: 15.230 min
Delta R.T.: 0.001 min
Response: 582073
Conc: 4.61 ug/ml



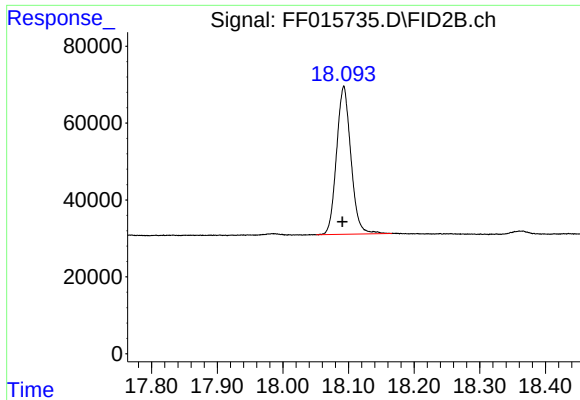
#11 N-HEXACOSANE

R.T.: 16.253 min
Delta R.T.: 0.002 min
Response: 571230
Conc: 4.55 ug/ml



#12 N-OCTACOSANE

R.T.: 17.204 min
Delta R.T.: 0.002 min
Response: 567794
Conc: 4.57 ug/ml



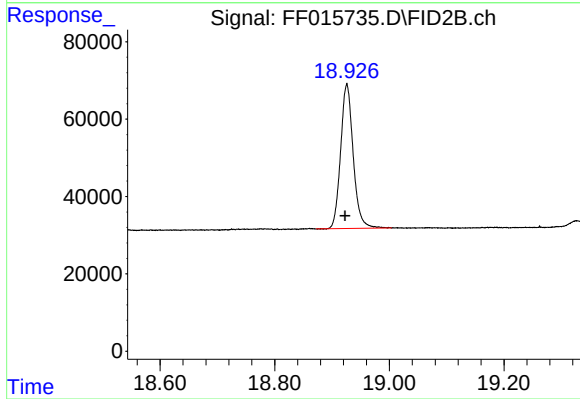
#13 N-TRIACONTANE

R.T.: 18.093 min
Delta R.T.: 0.002 min
Response: 584488
Conc: 4.67 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

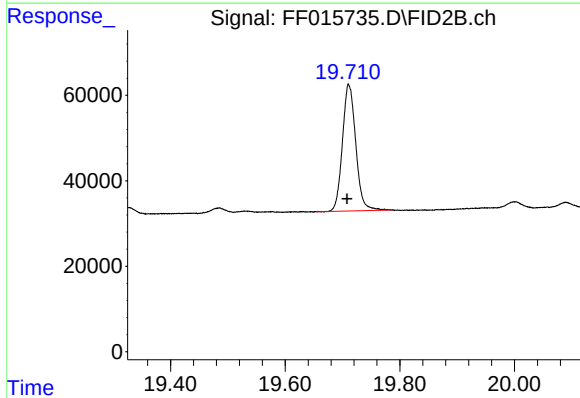
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



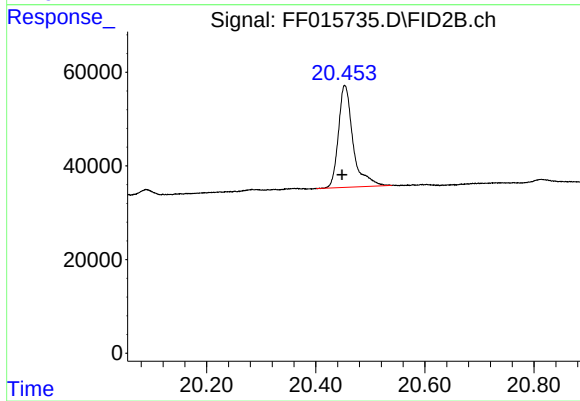
#14 N-DOTRIACONTANE

R.T.: 18.926 min
Delta R.T.: 0.003 min
Response: 567632
Conc: 4.76 ug/ml



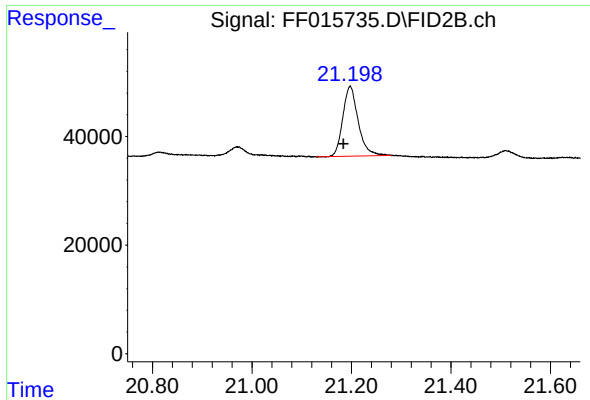
#15 N-TETRATRIACONTANE

R.T.: 19.711 min
Delta R.T.: 0.003 min
Response: 478325
Conc: 4.50 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.453 min
Delta R.T.: 0.005 min
Response: 405037
Conc: 4.54 ug/ml



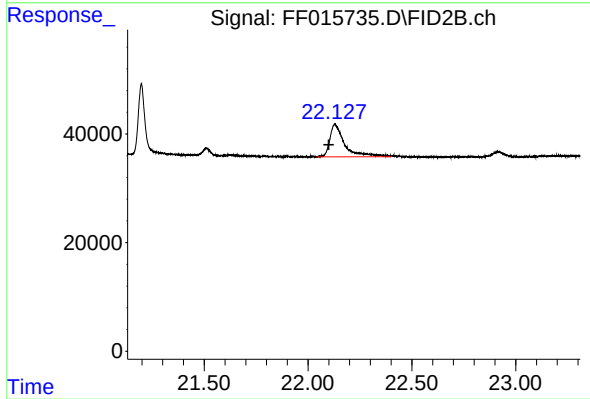
#17 N-OCTATRIACONTANE

R.T.: 21.197 min
Delta R.T.: 0.013 min
Response: 276360
Conc: 3.71 ug/ml

Instrument :
FID_F
ClientSampleId :
5 TRPH STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



#18 N-TETRACONTANE

R.T.: 22.127 min
Delta R.T.: 0.027 min
Response: 300117
Conc: 4.87 ug/ml m