

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050924\
 Data File : FE048056.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2024 21:23
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/10/2024
 Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e
 Quant Time: May 10 01:56:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050924.M
 Quant Title :
 QLast Update : Fri May 10 01:45:53 2024
 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...	15.052	5472782	47.473 ug/ml
Target Compounds			
1) N-OCTANE	2.074	6581781	46.622 ug/ml
2) N-DECANE	4.599	6541625	47.100 ug/ml
3) N-DODECANE	6.767	6529834	47.561 ug/ml
4) N-TETRADECANE	8.595	6396575	47.030 ug/ml
5) N-HEXADECANE	10.202	6378235	47.538 ug/ml
6) N-OCTADECANE	11.645	6408010	47.465 ug/ml
7) N-EICOSANE	12.955	6443765	47.165 ug/ml
8) N-DOCOSANE	14.153	6209206	47.160 ug/ml
10) N-TETRACOSANE	15.257	6190771	47.285 ug/ml
11) N-HEXACOSANE	16.276	6198936	47.642 ug/ml
12) N-OCTACOSANE	17.226	6173208	47.781 ug/ml
13) N-TRIACONTANE	18.112	6301469	47.399 ug/ml
14) N-DOTRIACONTANE	18.944	6261126	43.653 ug/ml
15) N-TETRATRIACONTANE	19.727	6077916	45.008 ug/ml
16) N-HEXATRIACONTANE	20.467	5817854	43.938 ug/mlm
17) N-OCTATRIACONTANE	21.208	5518991	44.414 ug/ml
18) N-TETRACONTANE	22.132	5235324	41.504 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050924\
Data File : FE048056.D
Signal(s) : FID1B.ch
Acq On : 09 May 2024 21:23
Operator : YP\AJ
Sample : 50 PPM TRPH STD
Misc :
ALS Vial : 13 Sample Multiplier: 1

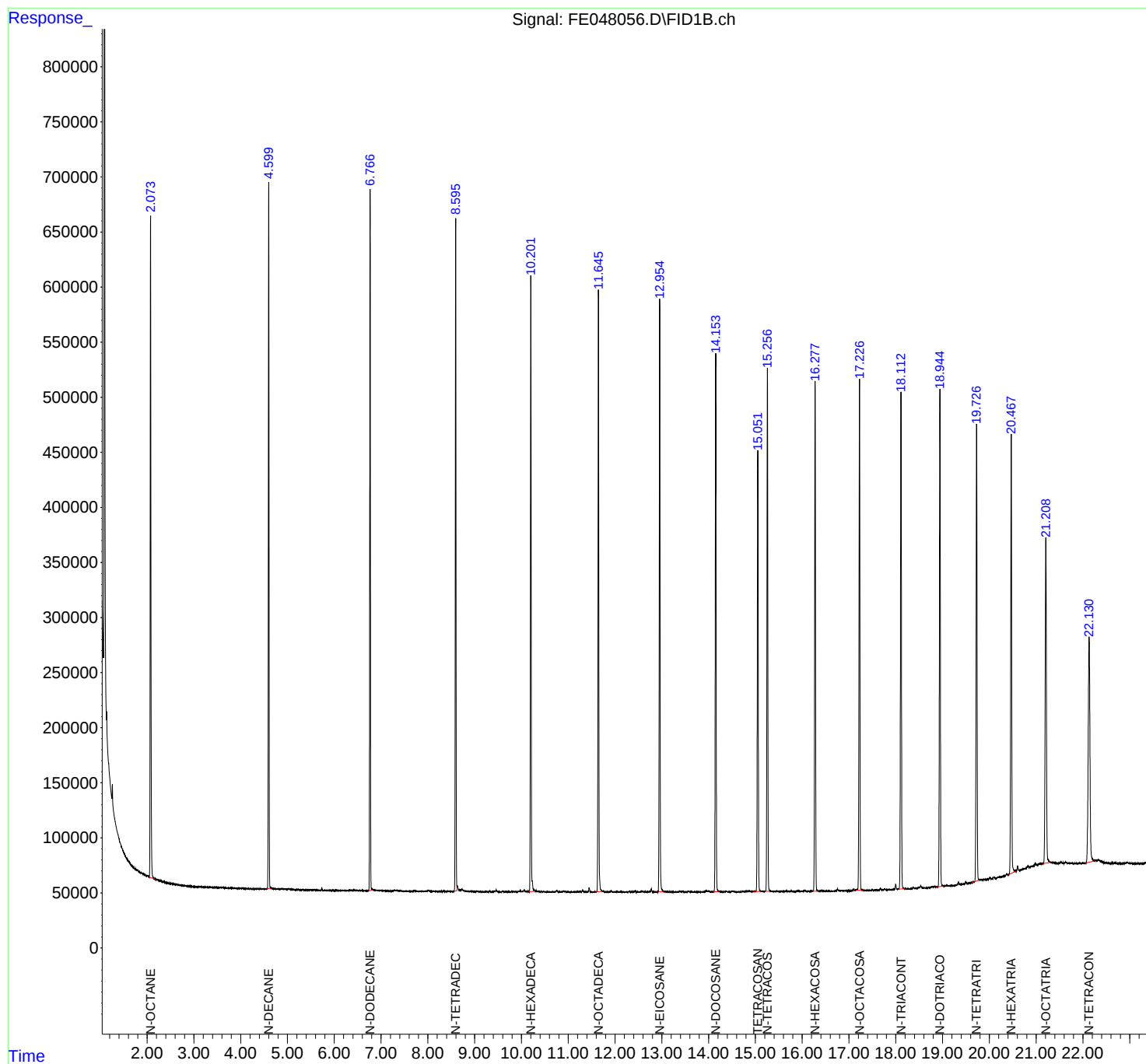
Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

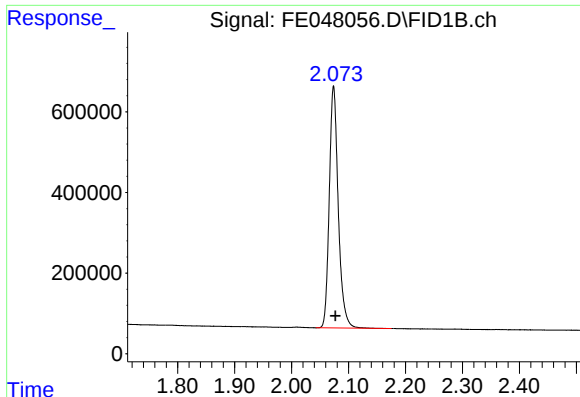
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e
Quant Time: May 10 01:56:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050924.M
Quant Title :
QLast Update : Fri May 10 01:45:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 N-OCTANE

R.T.: 2.074 min
Delta R.T.: -0.003 min
Response: 6581781
Conc: 46.62 ug/ml

Instrument :

FID_E

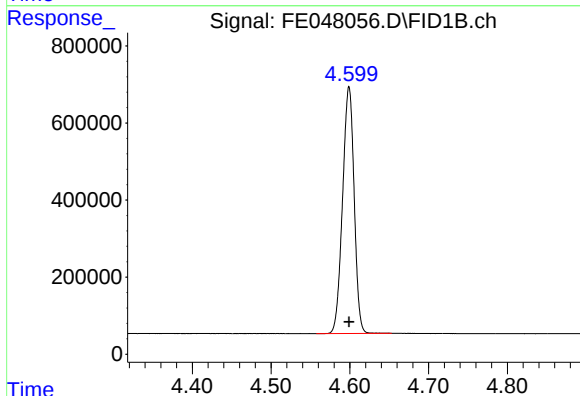
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

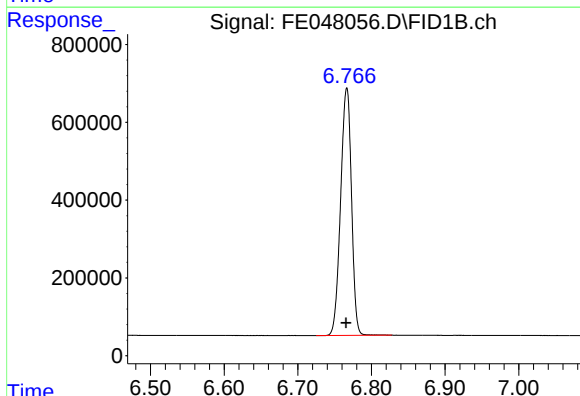
APPROVED

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :Ankita Jodhani 05/10/2024



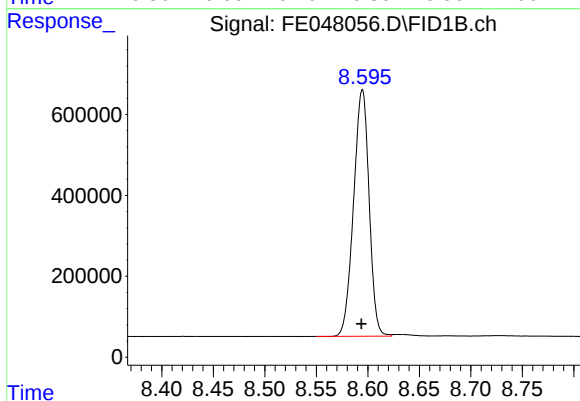
#2 N-DECANE

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 6541625
Conc: 47.10 ug/ml



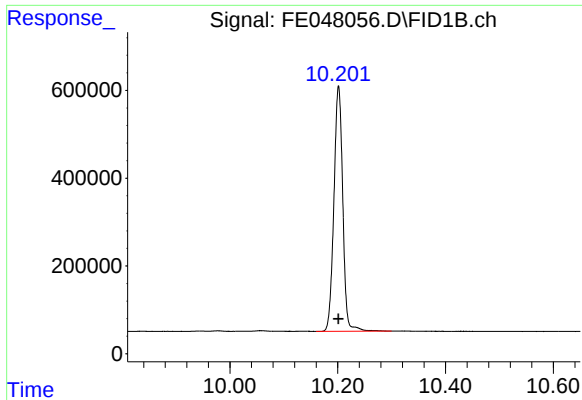
#3 N-DODECANE

R.T.: 6.767 min
Delta R.T.: 0.001 min
Response: 6529834
Conc: 47.56 ug/ml



#4 N-TETRADECANE

R.T.: 8.595 min
Delta R.T.: 0.000 min
Response: 6396575
Conc: 47.03 ug/ml



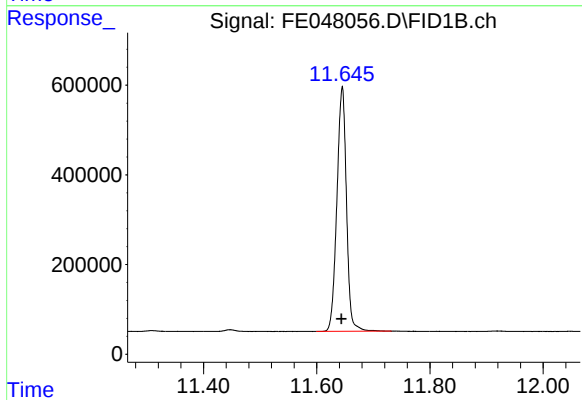
#5 N-HEXADECANE

R.T.: 10.202 min
Delta R.T.: 0.000 min
Response: 6378235
Conc: 47.54 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

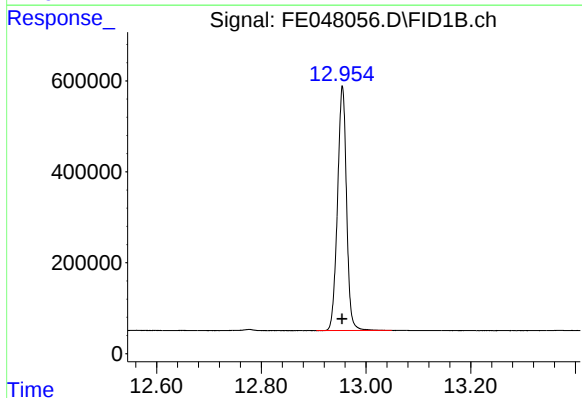
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :Ankita Jodhani 05/10/2024



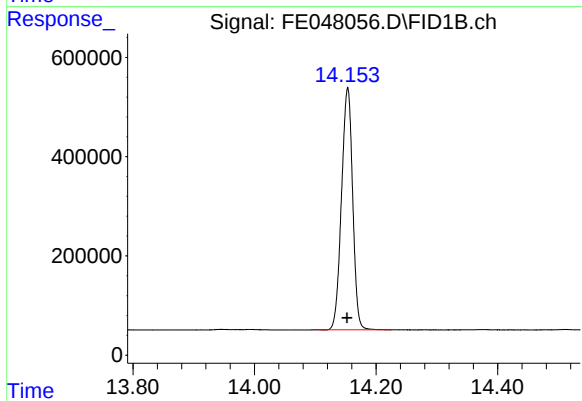
#6 N-OCTADECANE

R.T.: 11.645 min
Delta R.T.: 0.001 min
Response: 6408010
Conc: 47.47 ug/ml



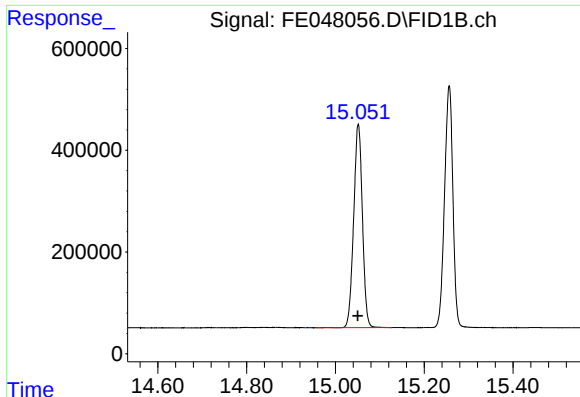
#7 N-EICOSANE

R.T.: 12.955 min
Delta R.T.: 0.000 min
Response: 6443765
Conc: 47.16 ug/ml



#8 N-DOCOSANE

R.T.: 14.153 min
Delta R.T.: 0.000 min
Response: 6209206
Conc: 47.16 ug/ml



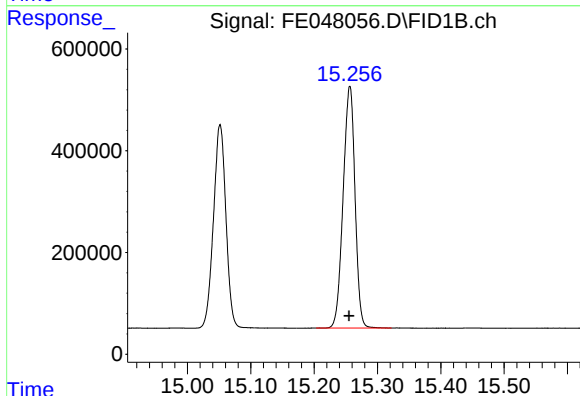
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.052 min
Delta R.T.: 0.000 min
Response: 5472782
Conc: 47.47 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

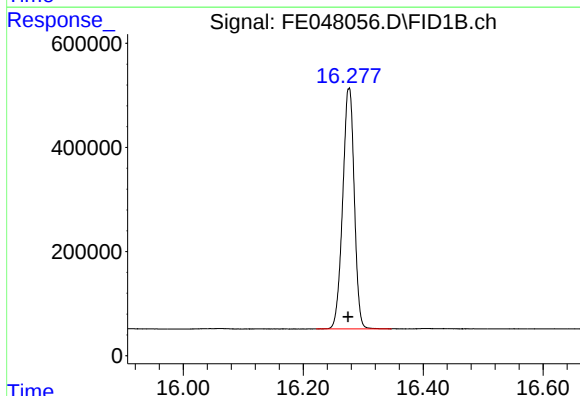
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :Ankita Jodhani 05/10/2024



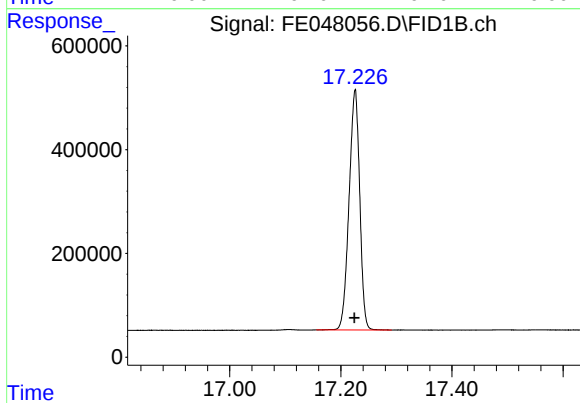
#10 N-TETRACOSANE

R.T.: 15.257 min
Delta R.T.: 0.002 min
Response: 6190771
Conc: 47.29 ug/ml



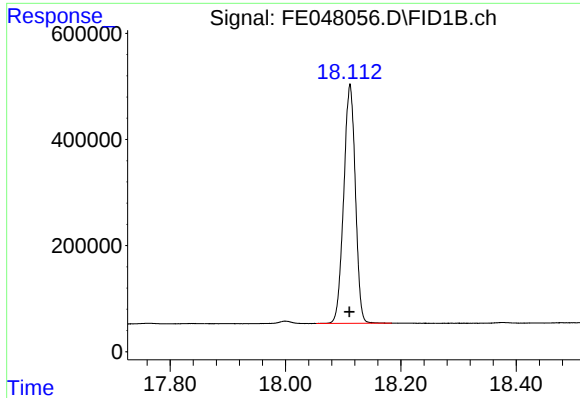
#11 N-HEXACOSANE

R.T.: 16.276 min
Delta R.T.: 0.001 min
Response: 6198936
Conc: 47.64 ug/ml



#12 N-OCTACOSANE

R.T.: 17.226 min
Delta R.T.: 0.001 min
Response: 6173208
Conc: 47.78 ug/ml



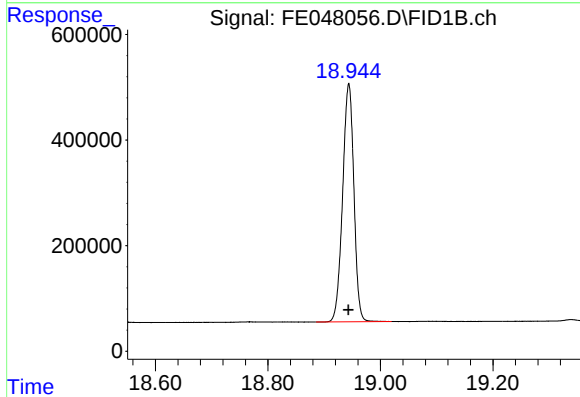
#13 N-TRIACONTANE

R.T.: 18.112 min
Delta R.T.: 0.000 min
Response: 6301469
Conc: 47.40 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

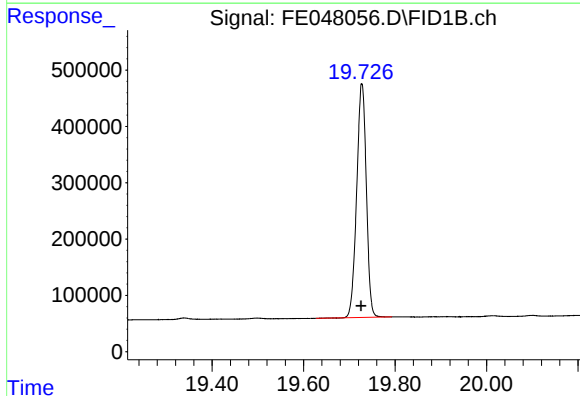
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :Ankita Jodhani 05/10/2024



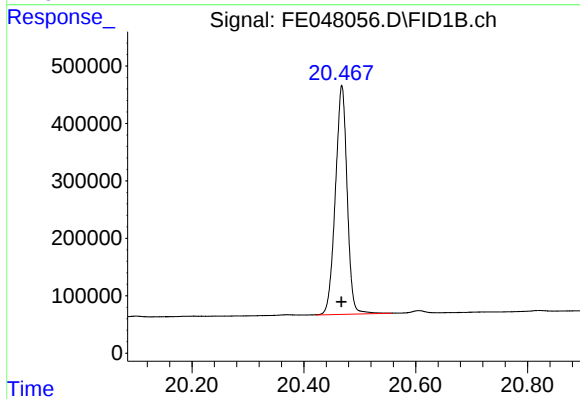
#14 N-DOTRIACONTANE

R.T.: 18.944 min
Delta R.T.: 0.000 min
Response: 6261126
Conc: 43.65 ug/ml



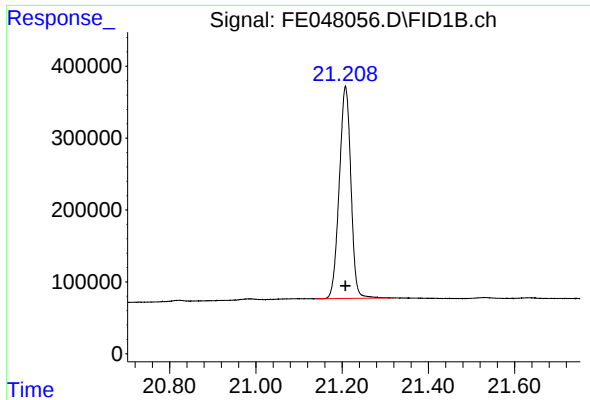
#15 N-TETRATRIACONTANE

R.T.: 19.727 min
Delta R.T.: 0.002 min
Response: 6077916
Conc: 45.01 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.467 min
Delta R.T.: 0.000 min
Response: 5817854
Conc: 43.94 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.208 min
Delta R.T.: 0.000 min
Response: 5518991
Conc: 44.41 ug/ml

Instrument :

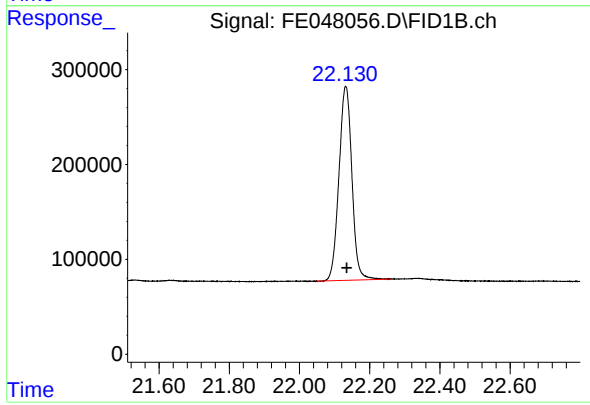
FID_E

ClientSampleId :
50 PPM TRPH STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :Ankita Jodhani 05/10/2024



#18 N-TETRACONTANE

R.T.: 22.132 min
Delta R.T.: -0.003 min
Response: 5235324
Conc: 41.50 ug/ml