

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042524AL\
 Data File : FC066237.D
 Signal(s) : FID1A.ch
 Acq On : 25 Apr 2024 22:09
 Operator : YP/AJ
 Sample : P2244-07MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e
 Quant Time: Apr 26 04:00:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:19:15 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.563	4148089	30.039 ug/ml
Spiked Amount 50.000		Recovery =	60.08%
12) S 1-chlorooctadecane (S...	13.002	3230275	32.921 ug/ml
Spiked Amount 50.000		Recovery =	65.84%
Target Compounds			
1) T n-Nonane (C9)	3.331	4397618	34.160 ug/ml
2) T n-Decane (C10)	4.395	4628819	35.500 ug/ml
3) T A~Naphthalene (C11.7)	5.973	4971531	34.663 ug/ml
4) T n-Dodecane (C12)	6.410	4779130	36.909 ug/ml
5) T A~2-methylnaphthalene...	7.029	4853915	35.250 ug/ml
6) T n-Tetradecane (C14)	8.206	4769877	37.896 ug/ml
7) T n-Hexadecane (C16)	9.807	4691092	36.829 ug/ml
8) T n-Octadecane (C18)	11.250	4756433	37.368 ug/ml
10) T n-Eicosane (C20)	12.560	4704250	39.037 ug/ml
11) T n-Heneicosane (C21)	13.172	4590466	38.796 ug/ml
13) T n-Docosane (C22)	13.759	4504724	38.373 ug/ml
14) T n-Tetracosane (C24)	14.862	4259272	36.506 ug/ml
15) T n-Hexacosane (C26)	15.884	4381299	38.112 ug/ml
16) T n-Octacosane (C28)	16.834	4445612	39.227 ug/ml
17) T n-Tricontane (C30)	17.723	4420179	38.155 ug/ml
18) T n-Dotriacontane (C32)	18.555	4438181	38.656 ug/ml
19) T n-Tetratriacontane (C34)	19.339	4429981	40.338 ug/ml
20) T n-Hexatriacontane (C36)	20.079	4319615	41.848 ug/mlm
21) T n-Octatriacontane (C38)	20.816	4246494	43.561 ug/mlm
22) T n-Tetracontane (C40)	21.729	4170131	46.084 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042524AL\
Data File : FC066237.D
Signal(s) : FID1A.ch
Acq On : 25 Apr 2024 22:09
Operator : YP/AJ
Sample : P2244-07MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

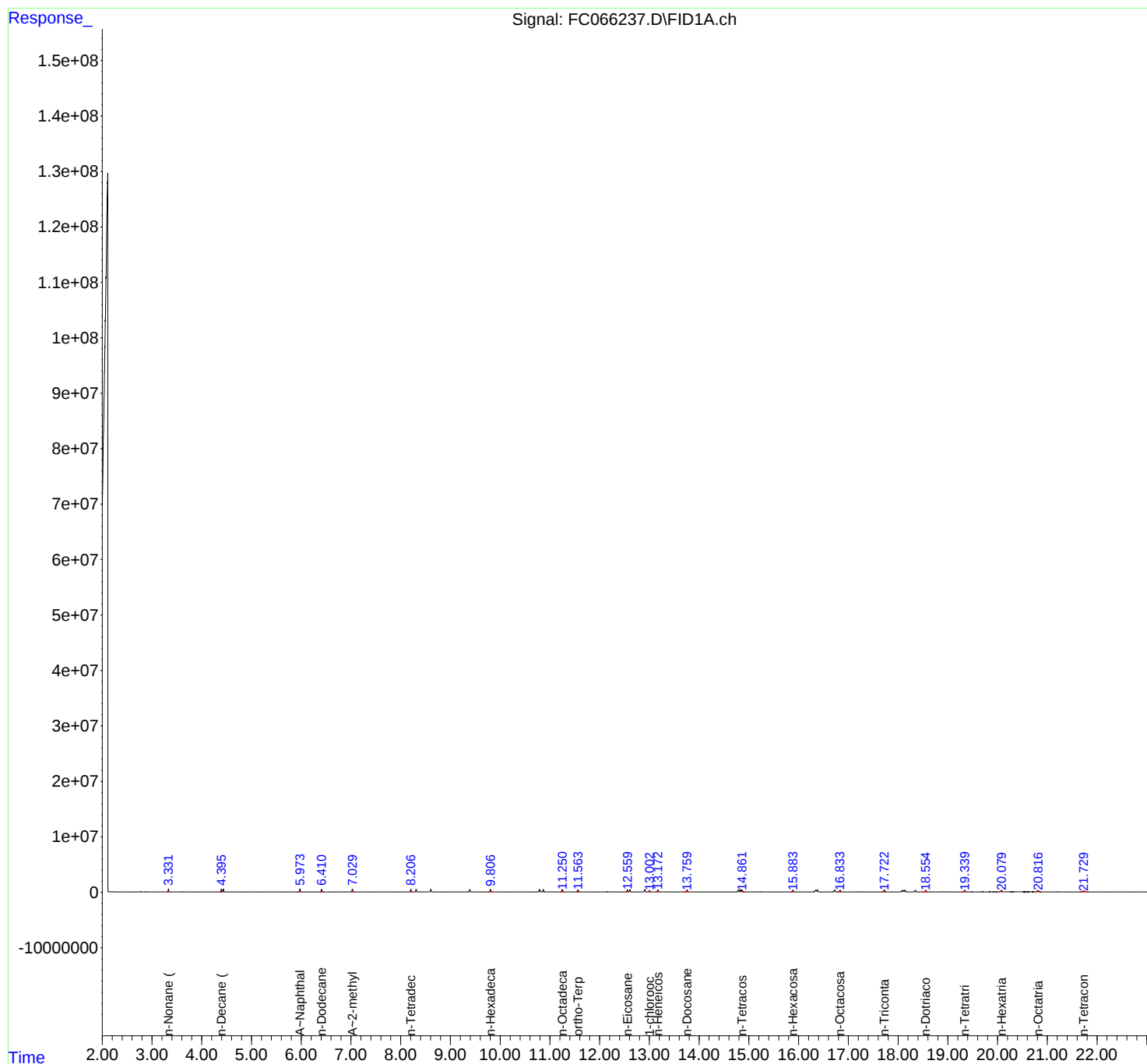
Instrument :
FID_C
ClientSampleId :
5MSD

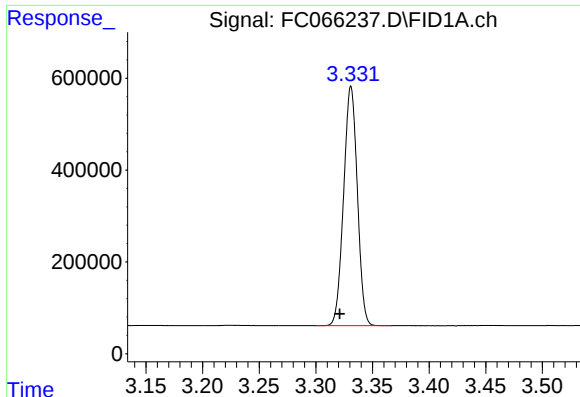
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e
Quant Time: Apr 26 04:00:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
Quant Title : GC Extractables
QLast Update : Tue Apr 16 08:19:15 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





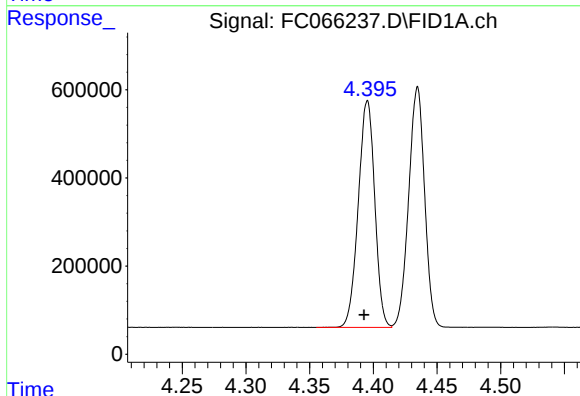
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: 0.010 min
Response: 4397618
Conc: 34.16 ug/ml

Instrument :
FID_C
ClientSampleId :
5MSD

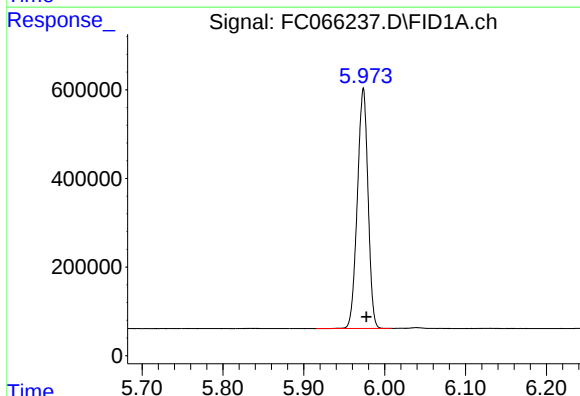
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



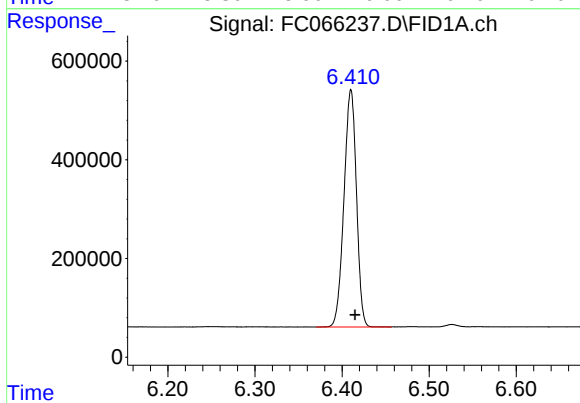
#2 n-Decane (C10)

R.T.: 4.395 min
Delta R.T.: 0.002 min
Response: 4628819
Conc: 35.50 ug/ml



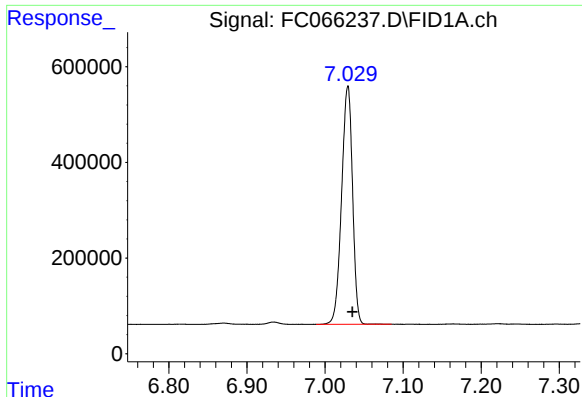
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.004 min
Response: 4971531
Conc: 34.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 4779130
Conc: 36.91 ug/ml



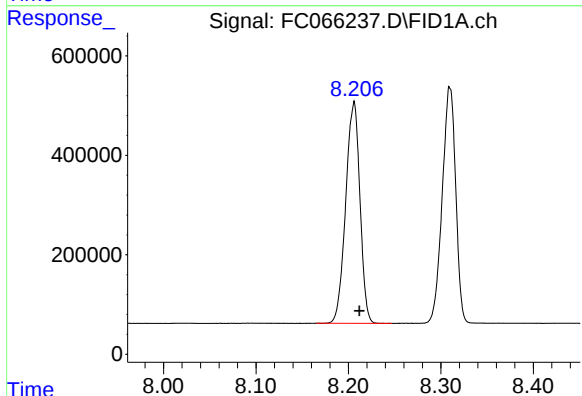
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.029 min
Delta R.T.: -0.006 min
Response: 4853915
Conc: 35.25 ug/ml

Instrument :
FID_C
ClientSampleId :
5MSD

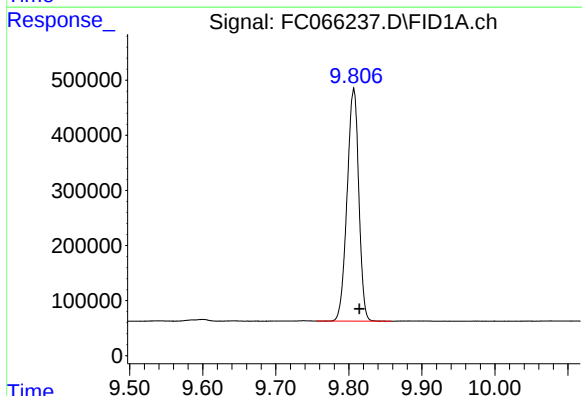
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



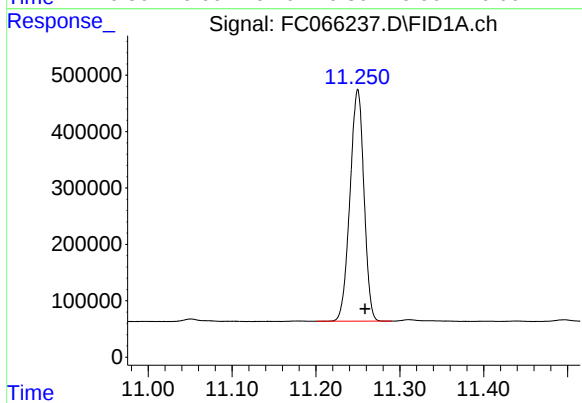
#6 n-Tetradecane (C14)

R.T.: 8.206 min
Delta R.T.: -0.006 min
Response: 4769877
Conc: 37.90 ug/ml



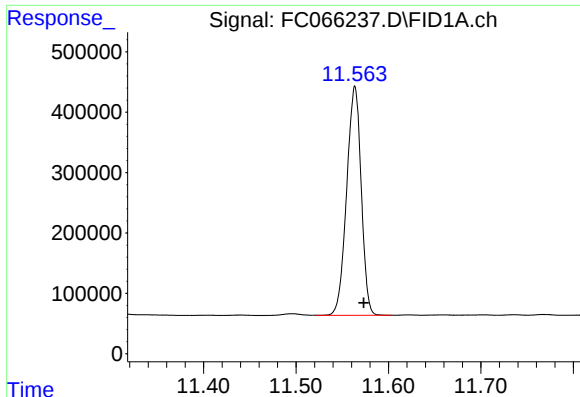
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.008 min
Response: 4691092
Conc: 36.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.250 min
Delta R.T.: -0.009 min
Response: 4756433
Conc: 37.37 ug/ml



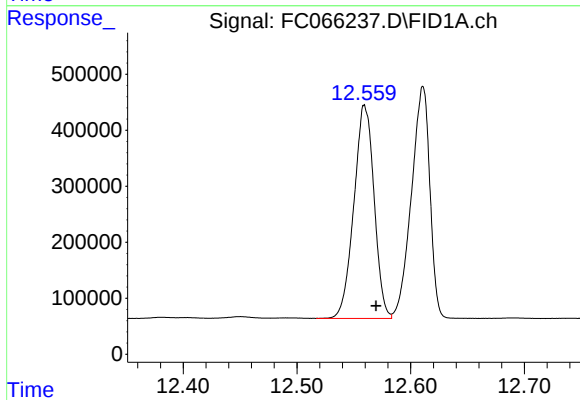
#9 ortho-Terphenyl (SURR)

R.T.: 11.563 min
Delta R.T.: -0.010 min
Response: 4148089
Conc: 30.04 ug/ml

Instrument :
FID_C
ClientSampleId :
5MSD

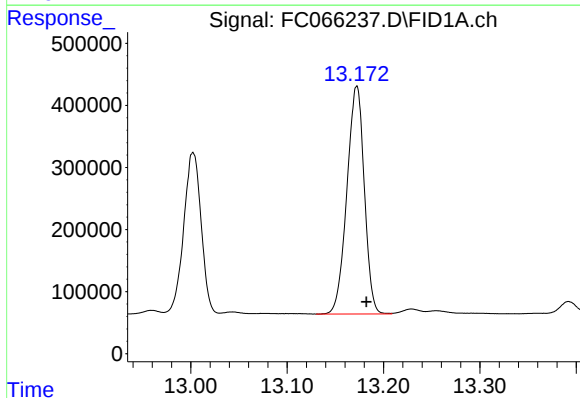
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



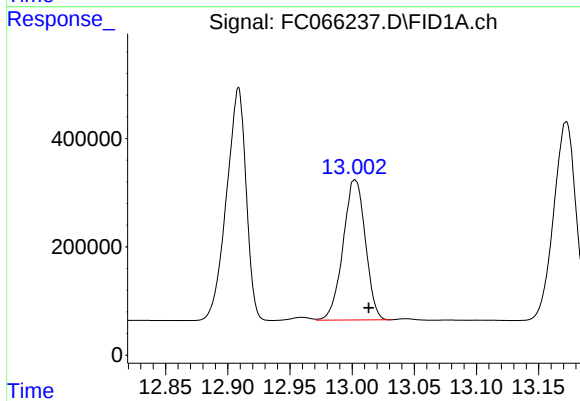
#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: -0.010 min
Response: 4704250
Conc: 39.04 ug/ml



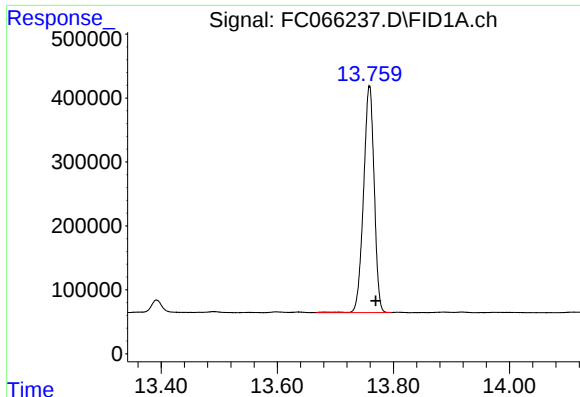
#11 n-Heneicosane (C21)

R.T.: 13.172 min
Delta R.T.: -0.010 min
Response: 4590466
Conc: 38.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.002 min
Delta R.T.: -0.011 min
Response: 3230275
Conc: 32.92 ug/ml



#13 n-Docosane (C22)

R.T.: 13.759 min
Delta R.T.: -0.011 min
Response: 4504724
Conc: 38.37 ug/ml

Instrument :

FID_C

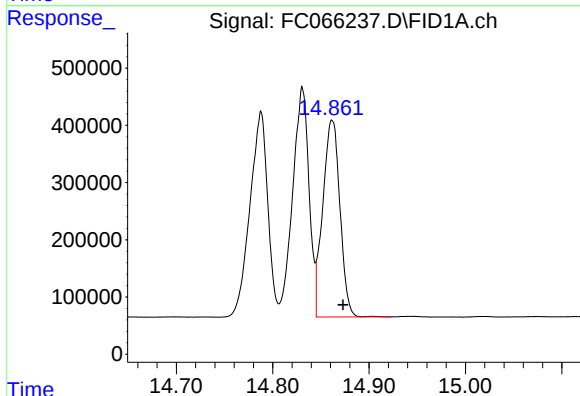
ClientSampleId :

5MSD

Manual Integrations

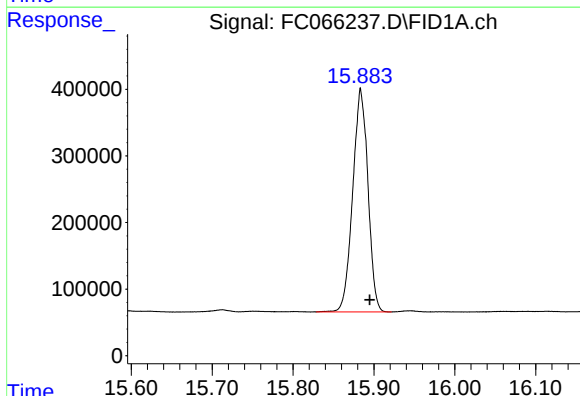
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



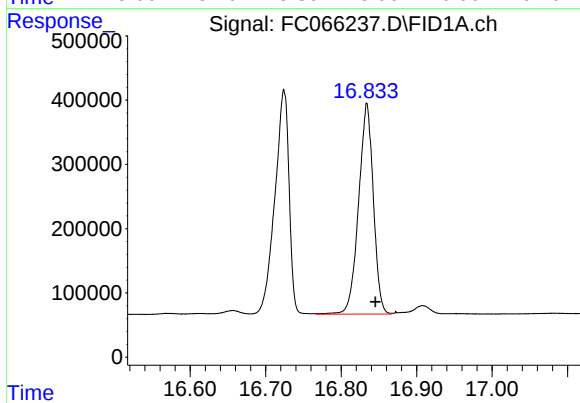
#14 n-Tetracosane (C24)

R.T.: 14.862 min
Delta R.T.: -0.011 min
Response: 4259272
Conc: 36.51 ug/ml



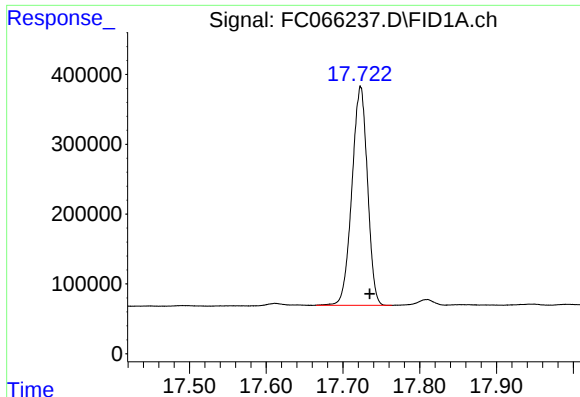
#15 n-Hexacosane (C26)

R.T.: 15.884 min
Delta R.T.: -0.011 min
Response: 4381299
Conc: 38.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.834 min
Delta R.T.: -0.011 min
Response: 4445612
Conc: 39.23 ug/ml



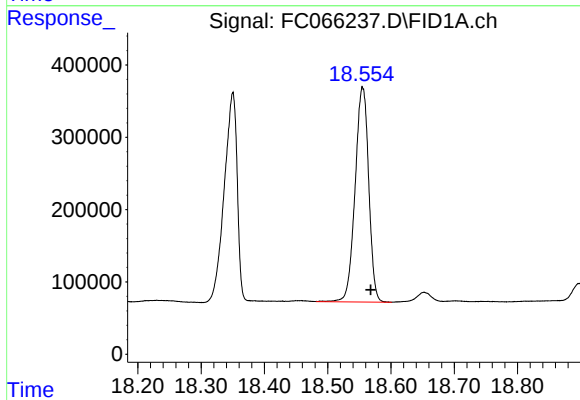
#17 n-Tricontane (C30)

R.T.: 17.723 min
Delta R.T.: -0.012 min
Response: 4420179
Conc: 38.16 ug/ml

Instrument :
FID_C
ClientSampleId :
5MSD

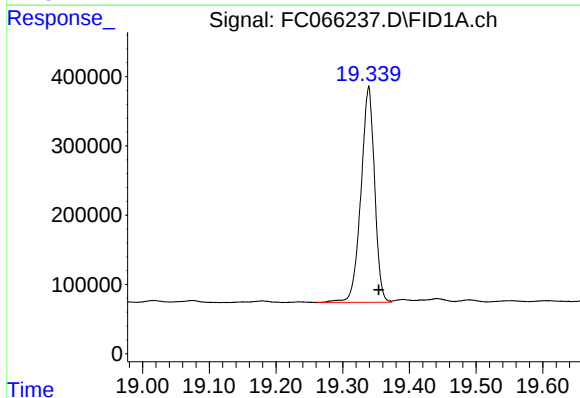
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



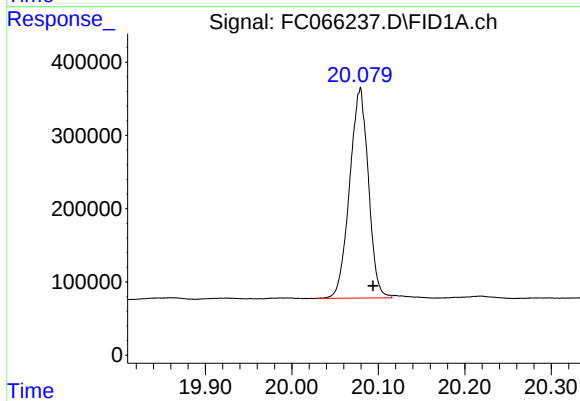
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: -0.013 min
Response: 4438181
Conc: 38.66 ug/ml



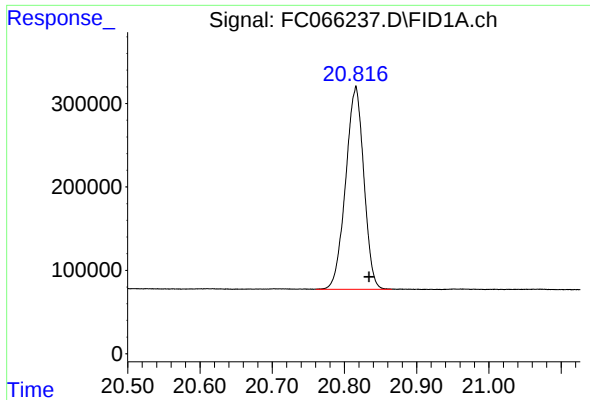
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: -0.015 min
Response: 4429981
Conc: 40.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.079 min
Delta R.T.: -0.015 min
Response: 4319615
Conc: 41.85 ug/ml m



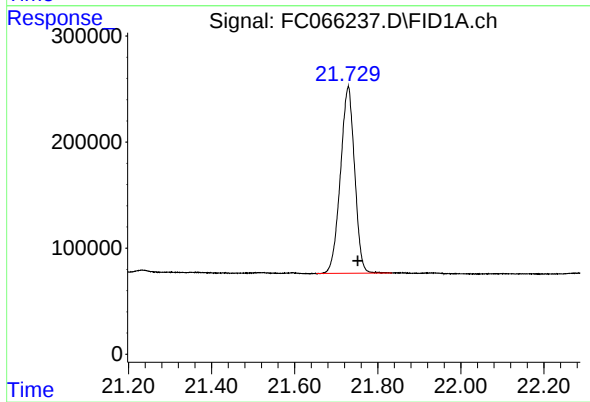
#21 n-Octatriacontane (C38)

R.T.: 20.816 min
Delta R.T.: -0.018 min
Response: 4246494
Conc: 43.56 ug/ml

Instrument :
FID_C
ClientSampleId :
5MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :Ankita Jodhani 04/26/2024



#22 n-Tetracontane (C40)

R.T.: 21.729 min
Delta R.T.: -0.023 min
Response: 4170131
Conc: 46.08 ug/ml