

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062722AL\
 Data File : FE036251.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2022 00:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2022
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: autoint1.e
 Quant Time: Jun 28 03:15:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 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)	11.878	3748986	18.764 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
12) S 1-chlorooctadecane (S...	13.316	2926699	18.904 ug/ml
Spiked Amount 50.000		Recovery =	37.81%
Target Compounds			
1) T n-Nonane (C9)	3.266	3348349	18.616 ug/ml
2) T n-Decane (C10)	4.521	3365020	18.720 ug/ml
3) T A~Naphthalene (C11.7)	6.223	3781701	18.848 ug/ml
4) T n-Dodecane (C12)	6.689	3470424	18.736 ug/ml
5) T A~2-methylnaphthalene...	7.318	3833120	18.829 ug/ml
6) T n-Tetradecane (C14)	8.516	3511892	18.785 ug/ml
7) T n-Hexadecane (C16)	10.122	3522188	18.808 ug/ml
8) T n-Octadecane (C18)	11.564	3502099	18.824 ug/ml
10) T n-Eicosane (C20)	12.873	3410874	18.828 ug/ml
11) T n-Heneicosane (C21)	13.484	3380762	18.821 ug/ml
13) T n-Docosane (C22)	14.069	3341768	18.901 ug/ml
14) T n-Tetracosane (C24)	15.173	3249099	18.970 ug/ml
15) T n-Hexacosane (C26)	16.193	3133658	18.967 ug/ml
16) T n-Octacosane (C28)	17.143	3044275	19.018 ug/ml
17) T n-Tricontane (C30)	18.030	2979255	19.243 ug/ml
18) T n-Dotriacontane (C32)	18.861	2913236	19.935 ug/mlm
19) T n-Tetratriacontane (C34)	19.646	2781437	20.100 ug/mlm
20) T n-Hexatriacontane (C36)	20.385	2593122	19.316 ug/ml
21) T n-Octatriacontane (C38)	21.114	2613990	19.656 ug/mlm
22) T n-Tetracontane (C40)	22.012	3450834	24.679 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062722AL\
Data File : FE036251.D
Signal(s) : FID1B.ch
Acq On : 28 Jun 2022 00:47
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

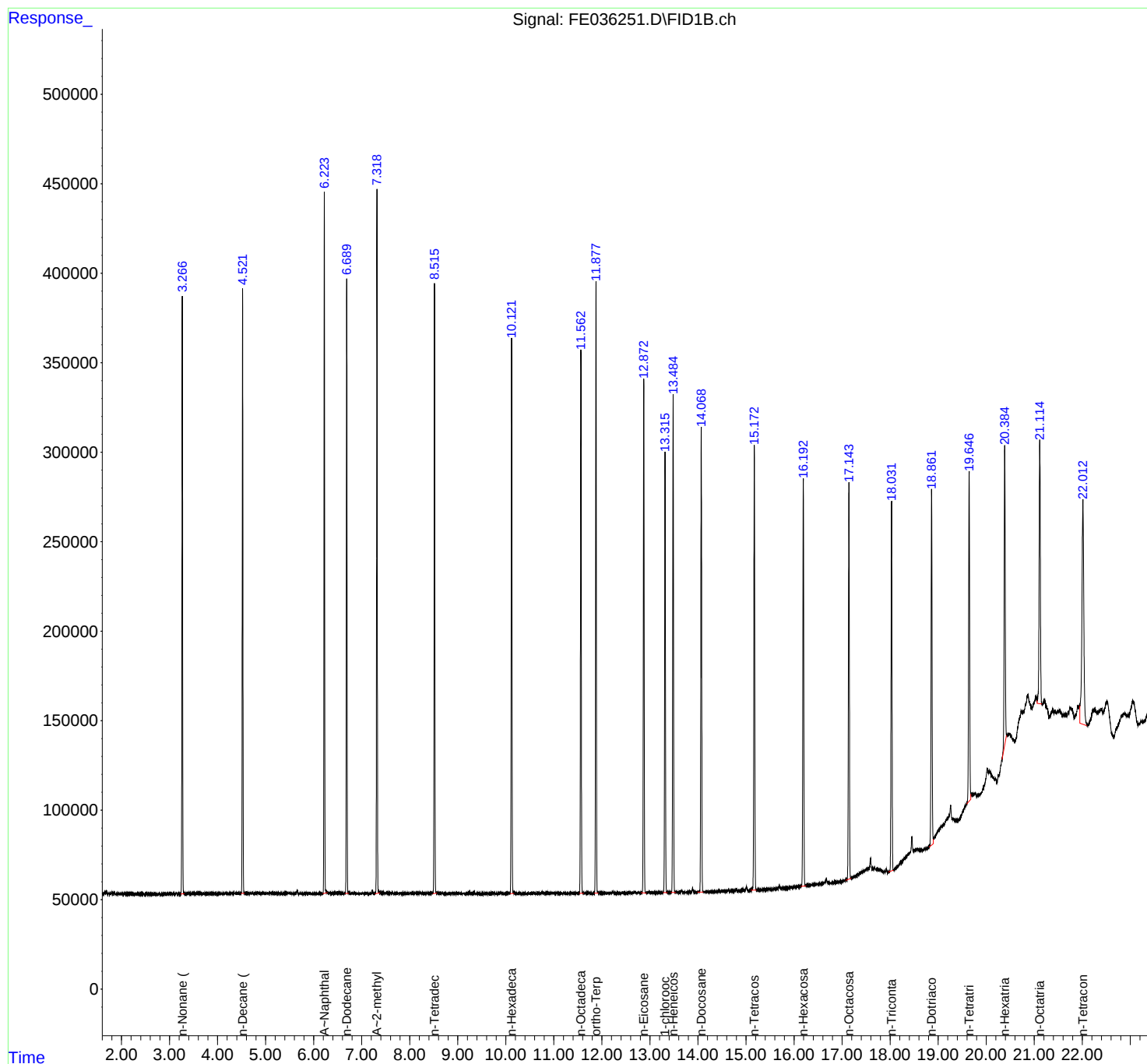
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

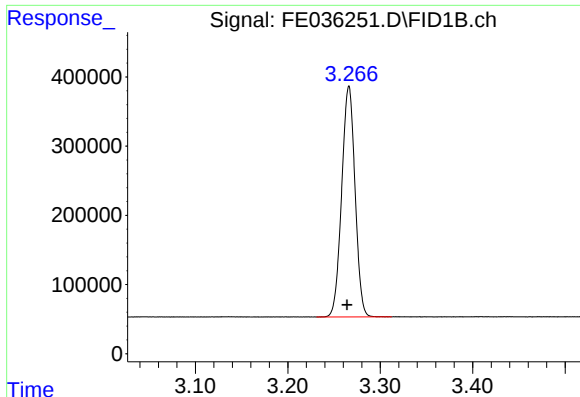
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2022
Supervised By :Ankita Jodhani 06/28/2022

Integration File: autoint1.e
Quant Time: Jun 28 03:15:08 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
Quant Title : GC Extractables
QLast Update : Tue Jun 21 03:08:45 2022
Response via : Initial Calibration
Integrator: ChemStation

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





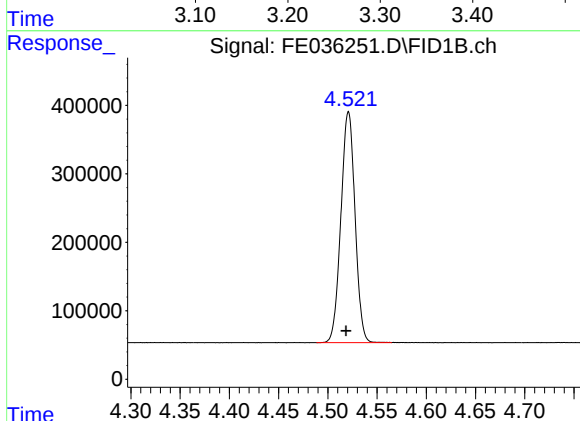
#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.002 min
Response: 3348349
Conc: 18.62 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

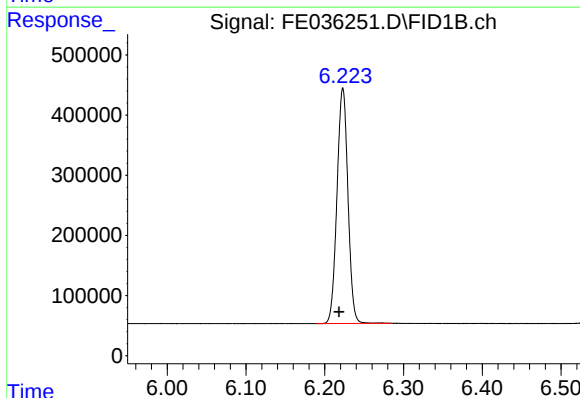
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2022
Supervised By :Ankita Jodhani 06/28/2022



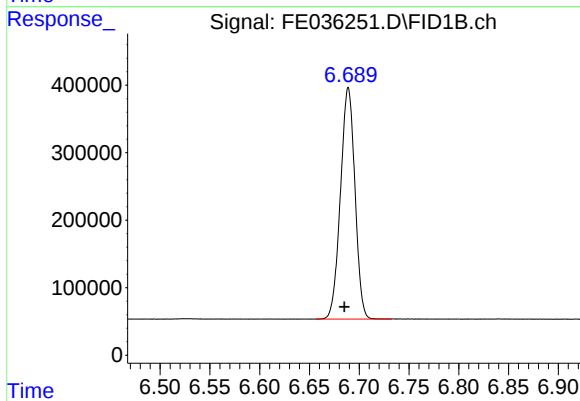
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.003 min
Response: 3365020
Conc: 18.72 ug/ml



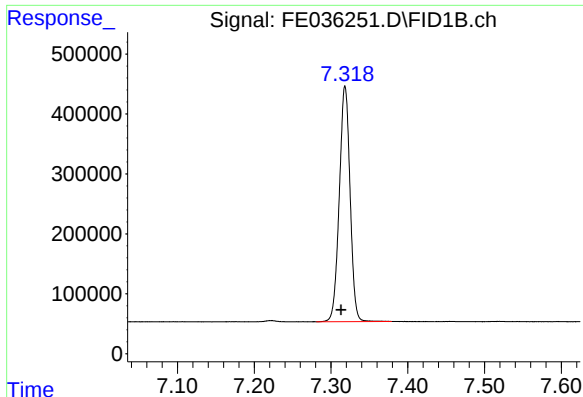
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: 0.005 min
Response: 3781701
Conc: 18.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: 0.004 min
Response: 3470424
Conc: 18.74 ug/ml



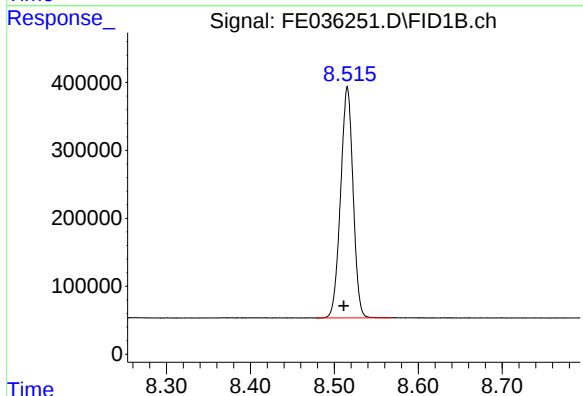
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.318 min
Delta R.T.: 0.005 min
Response: 3833120
Conc: 18.83 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

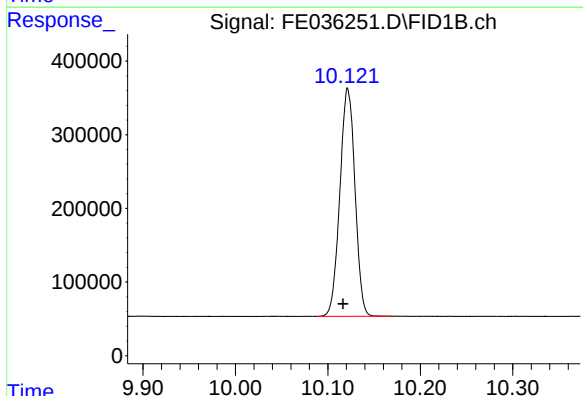
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2022
Supervised By :Ankita Jodhani 06/28/2022



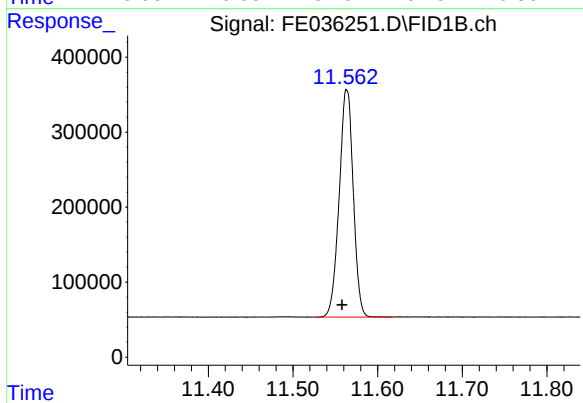
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: 0.004 min
Response: 3511892
Conc: 18.78 ug/ml



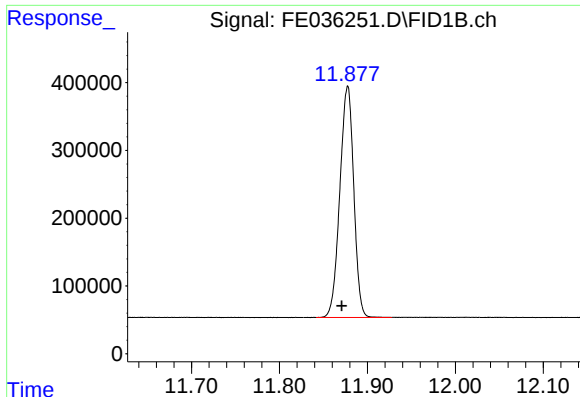
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: 0.005 min
Response: 3522188
Conc: 18.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.564 min
Delta R.T.: 0.005 min
Response: 3502099
Conc: 18.82 ug/ml



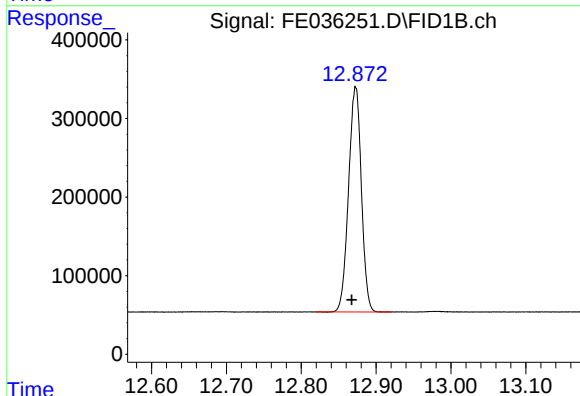
#9 ortho-Terphenyl (SURR)

R.T.: 11.878 min
Delta R.T.: 0.007 min
Response: 3748986
Conc: 18.76 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

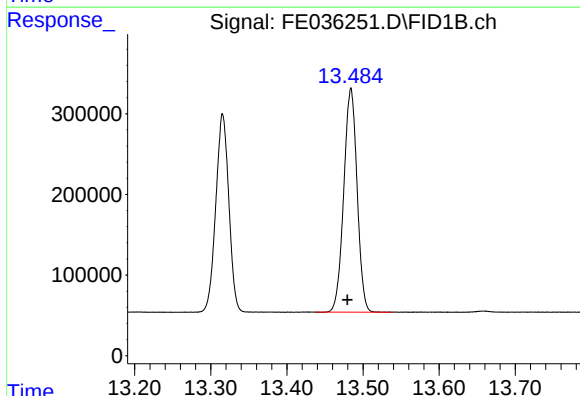
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2022
Supervised By :Ankita Jodhani 06/28/2022



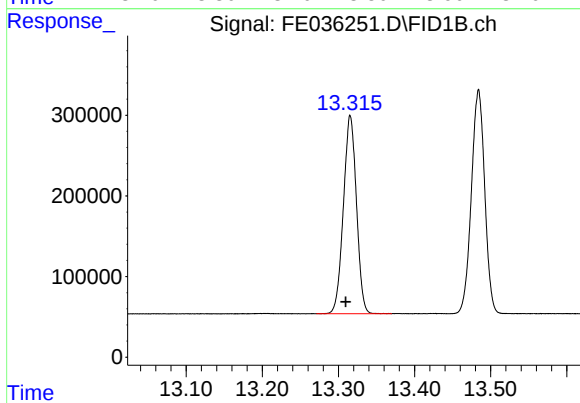
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: 0.005 min
Response: 3410874
Conc: 18.83 ug/ml



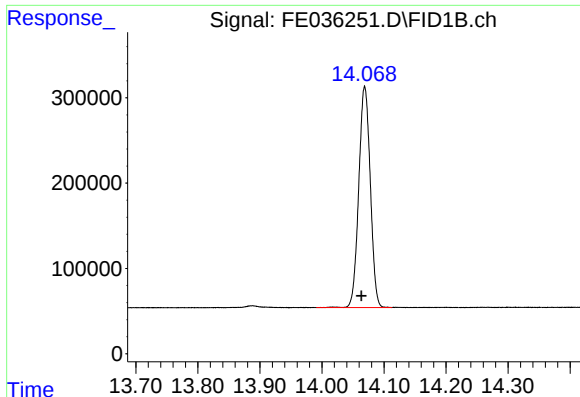
#11 n-Heneicosane (C21)

R.T.: 13.484 min
Delta R.T.: 0.005 min
Response: 3380762
Conc: 18.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.316 min
Delta R.T.: 0.006 min
Response: 2926699
Conc: 18.90 ug/ml



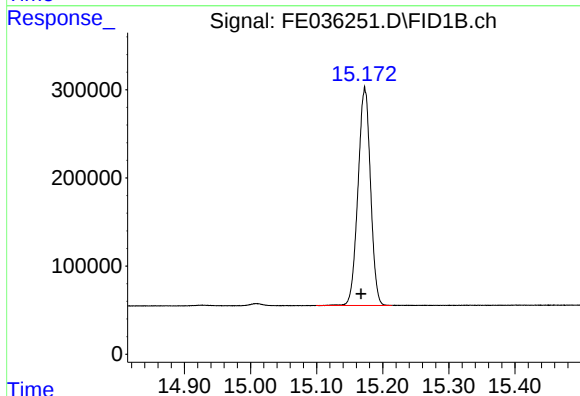
#13 n-Docosane (C22)

R.T.: 14.069 min
Delta R.T.: 0.005 min
Response: 3341768
Conc: 18.90 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

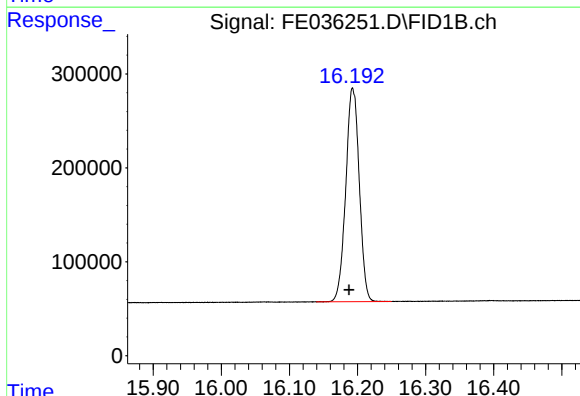
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2022
Supervised By :Ankita Jodhani 06/28/2022



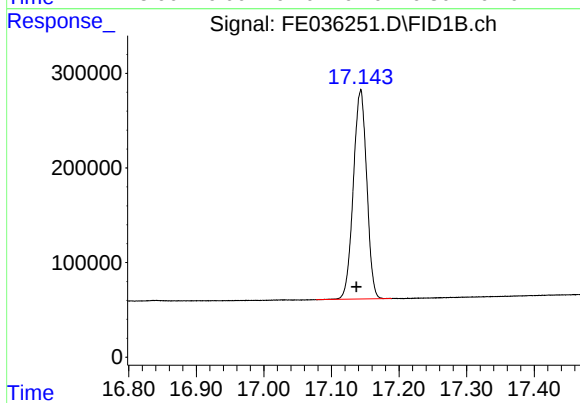
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: 0.006 min
Response: 3249099
Conc: 18.97 ug/ml



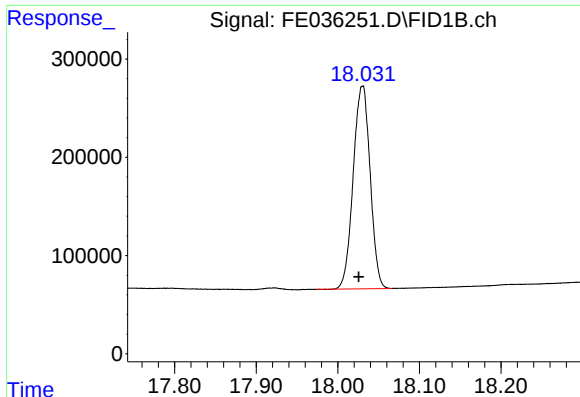
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: 0.005 min
Response: 3133658
Conc: 18.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: 0.006 min
Response: 3044275
Conc: 19.02 ug/ml



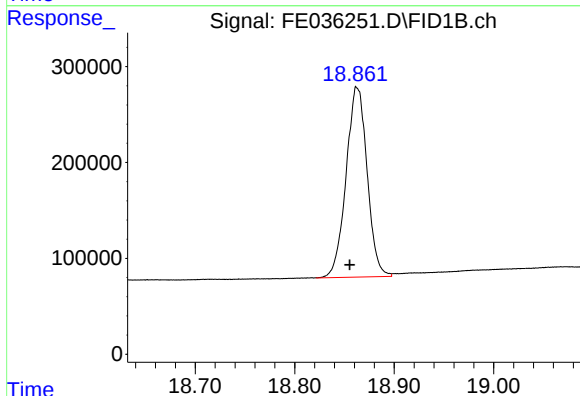
#17 n-Tricontane (C30)

R.T.: 18.030 min
Delta R.T.: 0.005 min
Response: 2979255
Conc: 19.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

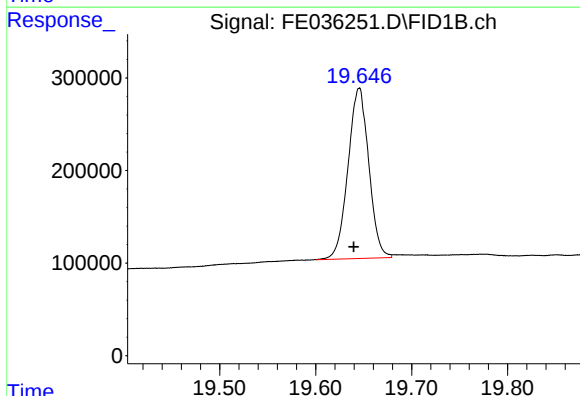
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2022
Supervised By :Ankita Jodhani 06/28/2022



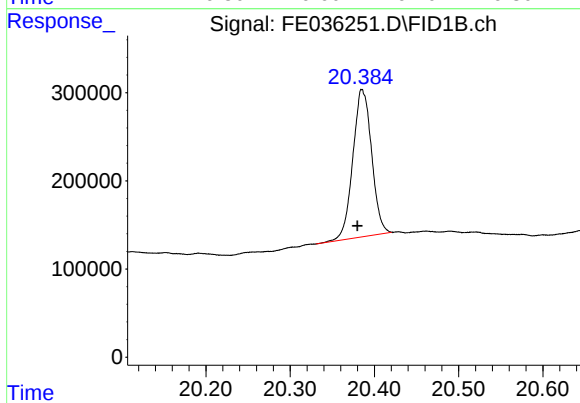
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: 0.006 min
Response: 2913236
Conc: 19.94 ug/ml m



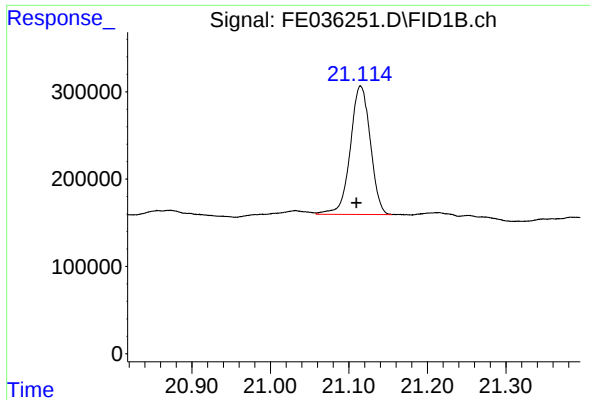
#19 n-Tetratriacontane (C34)

R.T.: 19.646 min
Delta R.T.: 0.006 min
Response: 2781437
Conc: 20.10 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.385 min
Delta R.T.: 0.005 min
Response: 2593122
Conc: 19.32 ug/ml



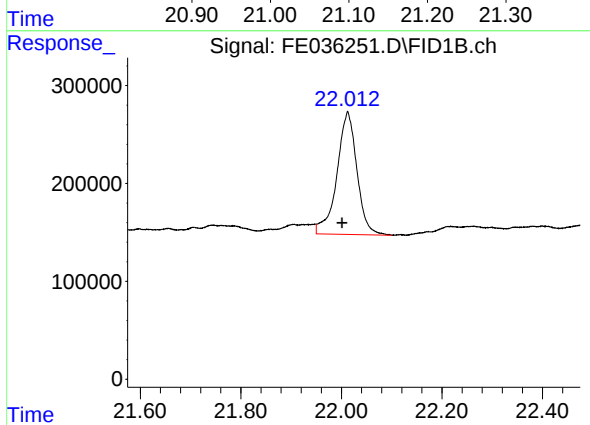
#21 n-Octatriacontane (C38)

R.T.: 21.114 min
Delta R.T.: 0.005 min
Response: 2613990
Conc: 19.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2022
Supervised By :Ankita Jodhani 06/28/2022



#22 n-Tetracontane (C40)

R.T.: 22.012 min
Delta R.T.: 0.011 min
Response: 3450834
Conc: 24.68 ug/ml m