

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032223AL\
 Data File : FE040934.D
 Signal(s) : FID1B.ch
 Acq On : 22 Mar 2023 08:51
 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 03/23/2023
 Supervised By :Ankita Jodhani 03/23/2023

Integration File: autoint1.e
 Quant Time: Mar 23 00:12:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 2023
 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)	11.866	3504588	18.760 ug/ml
Spiked Amount 50.000		Recovery =	37.52%
12) S 1-chlorooctadecane (S...	13.305	2705002	18.276 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
Target Compounds			
1) T n-Nonane (C9)	3.264	3086551	20.059 ug/ml
2) T n-Decane (C10)	4.512	3137100	20.852 ug/ml
3) T A~Naphthalene (C11.7)	6.215	3416563	20.598 ug/ml
4) T n-Dodecane (C12)	6.676	3179503	20.769 ug/ml
5) T A~2-methylnaphthalene...	7.310	3140396	20.750 ug/ml
6) T n-Tetradecane (C14)	8.502	3187744	20.625 ug/ml
7) T n-Hexadecane (C16)	10.109	3291948	20.381 ug/ml
8) T n-Octadecane (C18)	11.551	3320795	19.558 ug/ml
10) T n-Eicosane (C20)	12.860	3196945	18.898 ug/ml
11) T n-Heneicosane (C21)	13.472	3161391	18.449 ug/ml
13) T n-Docosane (C22)	14.058	3102527	18.110 ug/ml
14) T n-Tetracosane (C24)	15.162	3047450	17.677 ug/ml
15) T n-Hexacosane (C26)	16.183	2938205	17.287 ug/ml
16) T n-Octacosane (C28)	17.135	2987178	17.812 ug/ml
17) T n-Tricontane (C30)	18.024	3159131	19.348 ug/ml
18) T n-Dotriacontane (C32)	18.857	3380516	19.752 ug/ml
19) T n-Tetratriacontane (C34)	19.641	3202348	20.713 ug/mlm
20) T n-Hexatriacontane (C36)	20.382	2988935	20.574 ug/ml
21) T n-Octatriacontane (C38)	21.109	3017928	21.955 ug/ml
22) T n-Tetracontane (C40)	21.998	3111045	20.133 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032223AL\
Data File : FE040934.D
Signal(s) : FID1B.ch
Acq On : 22 Mar 2023 08:51
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

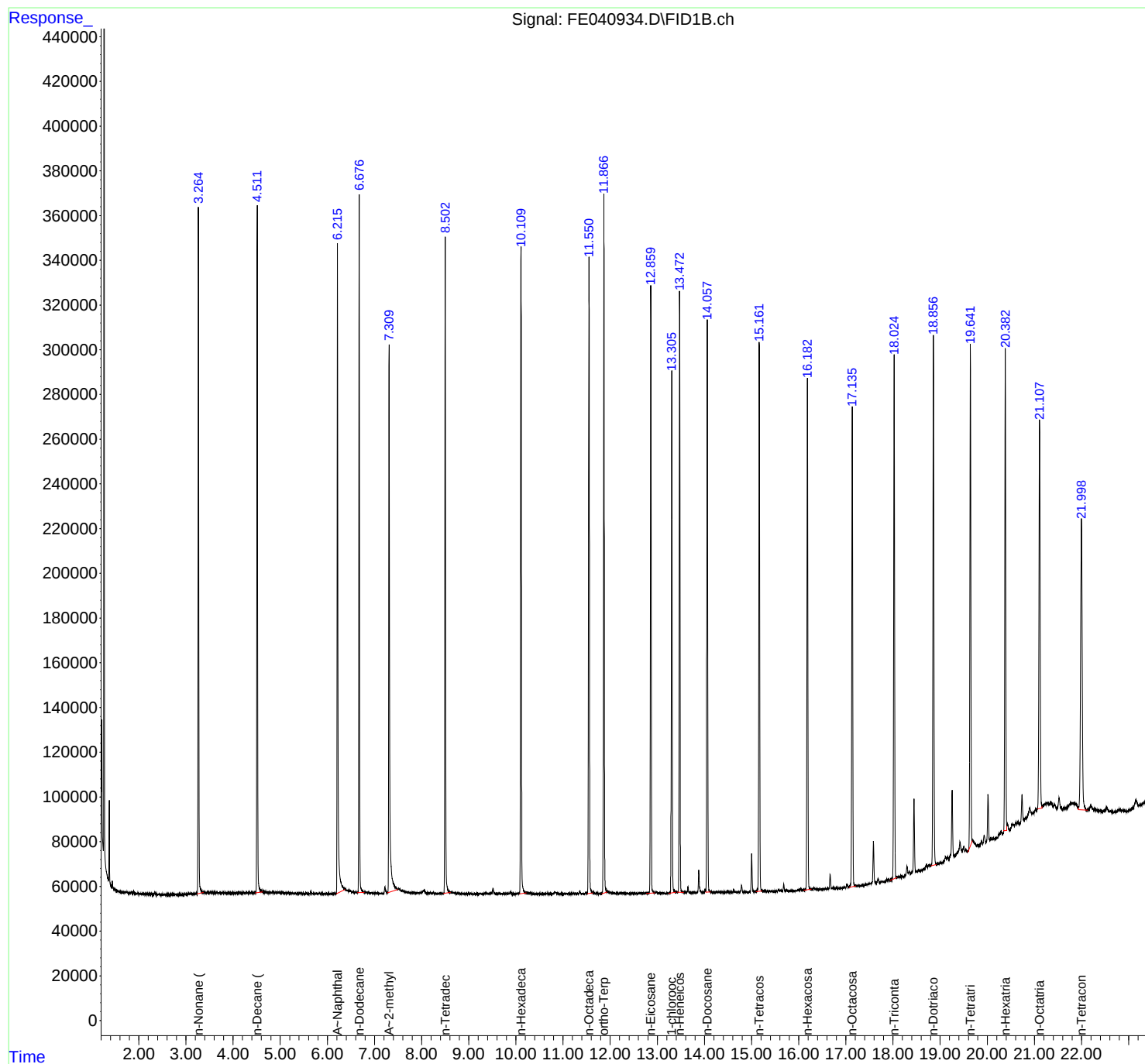
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

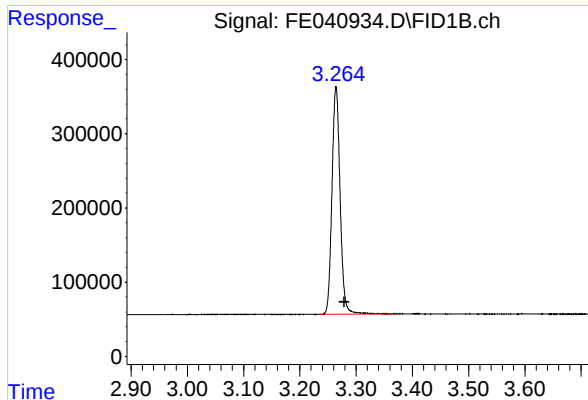
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/23/2023
Supervised By :Ankita Jodhani 03/23/2023

Integration File: autoint1.e
Quant Time: Mar 23 00:12:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.
Quant Title : GC Extractables
QLast Update : Tue Feb 28 03:05:09 2023
Response via : Initial Calibration
Integrator: ChemStation

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





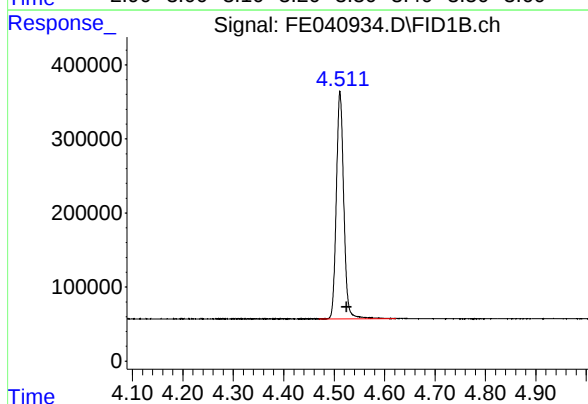
#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: -0.015 min
Response: 3086551
Conc: 20.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

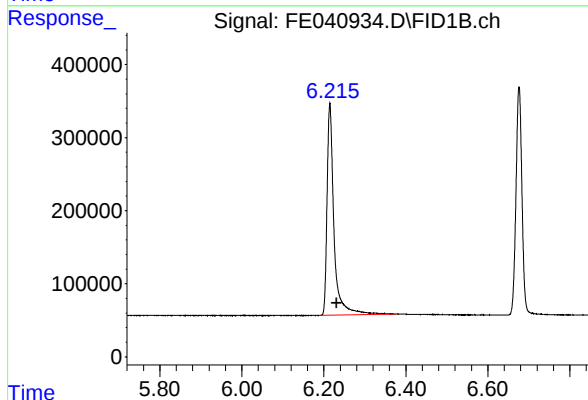
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/23/2023
Supervised By :Ankita Jodhani 03/23/2023



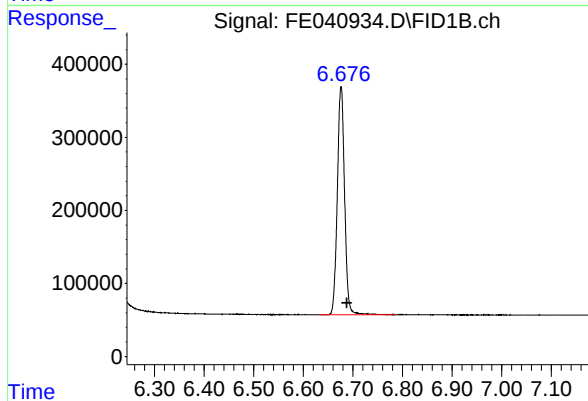
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: -0.013 min
Response: 3137100
Conc: 20.85 ug/ml



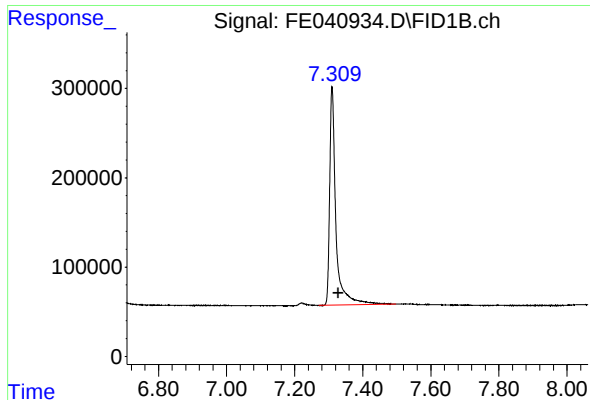
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: -0.017 min
Response: 3416563
Conc: 20.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.676 min
Delta R.T.: -0.012 min
Response: 3179503
Conc: 20.77 ug/ml



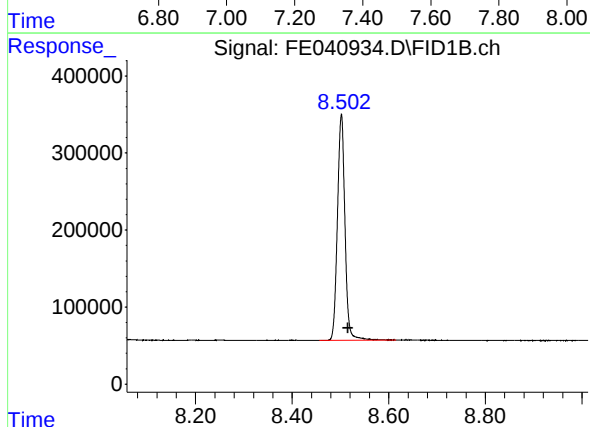
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.310 min
Delta R.T.: -0.018 min
Response: 3140396
Conc: 20.75 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

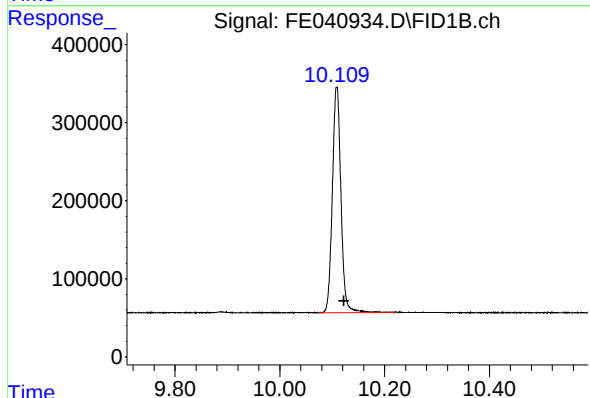
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/23/2023
Supervised By :Ankita Jodhani 03/23/2023



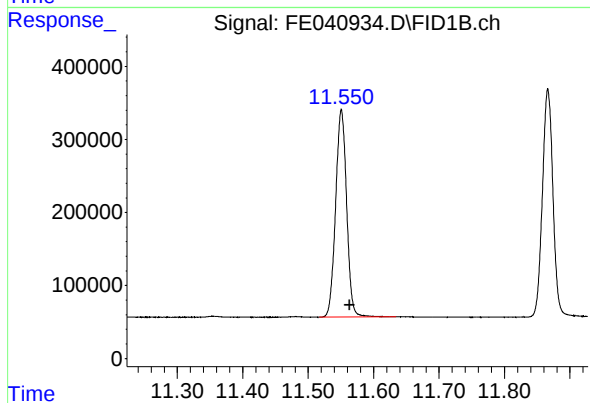
#6 n-Tetradecane (C14)

R.T.: 8.502 min
Delta R.T.: -0.013 min
Response: 3187744
Conc: 20.63 ug/ml



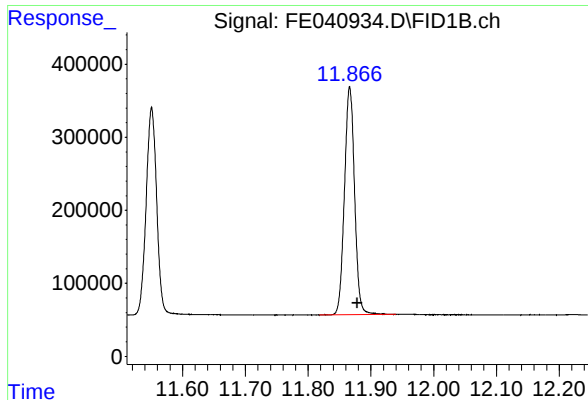
#7 n-Hexadecane (C16)

R.T.: 10.109 min
Delta R.T.: -0.014 min
Response: 3291948
Conc: 20.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.551 min
Delta R.T.: -0.013 min
Response: 3320795
Conc: 19.56 ug/ml



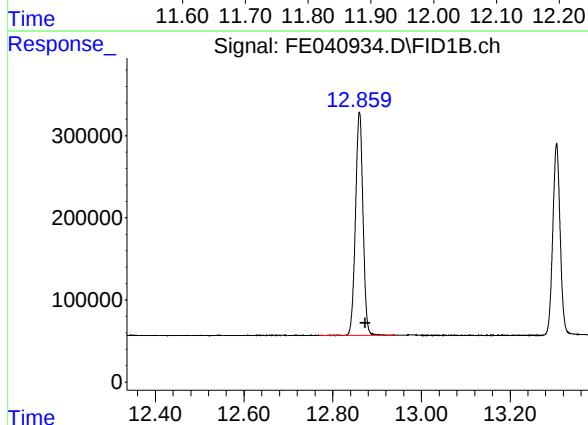
#9 ortho-Terphenyl (SURR)

R.T.: 11.866 min
Delta R.T.: -0.012 min
Response: 3504588
Conc: 18.76 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

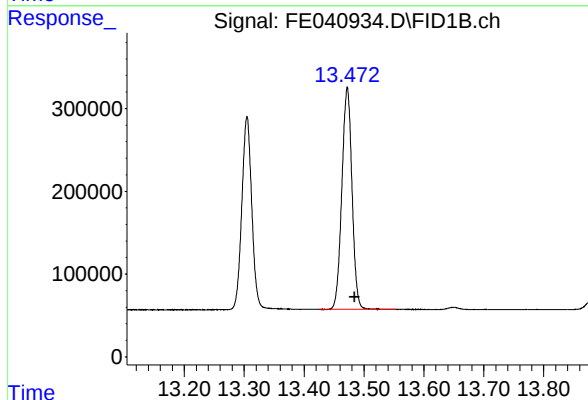
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/23/2023
Supervised By :Ankita Jodhani 03/23/2023



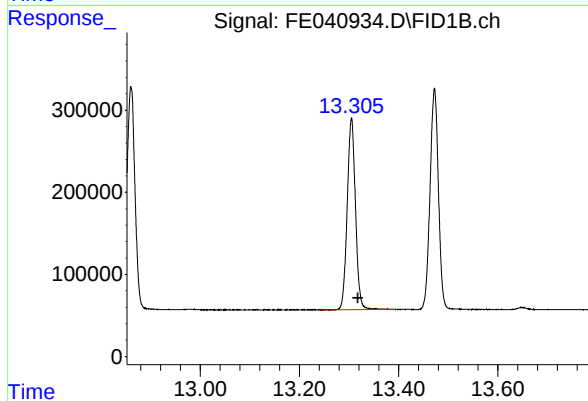
#10 n-Eicosane (C20)

R.T.: 12.860 min
Delta R.T.: -0.012 min
Response: 3196945
Conc: 18.90 ug/ml



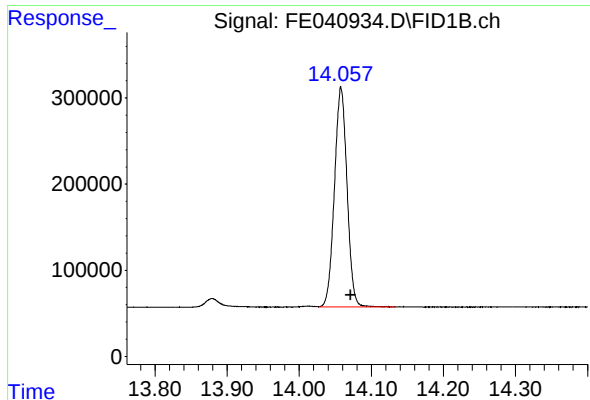
#11 n-Heneicosane (C21)

R.T.: 13.472 min
Delta R.T.: -0.012 min
Response: 3161391
Conc: 18.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.305 min
Delta R.T.: -0.013 min
Response: 2705002
Conc: 18.28 ug/ml



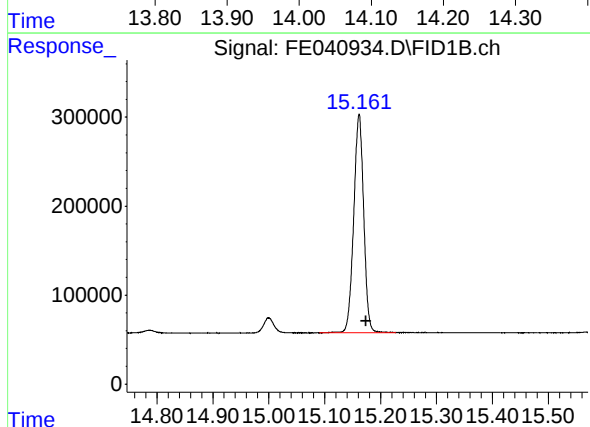
#13 n-Docosane (C22)

R.T.: 14.058 min
Delta R.T.: -0.014 min
Response: 3102527
Conc: 18.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

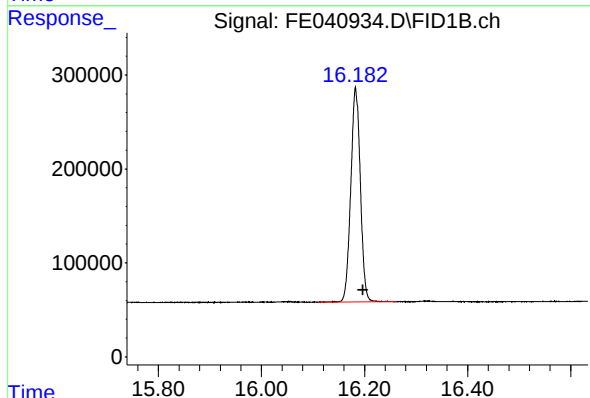
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/23/2023
Supervised By :Ankita Jodhani 03/23/2023



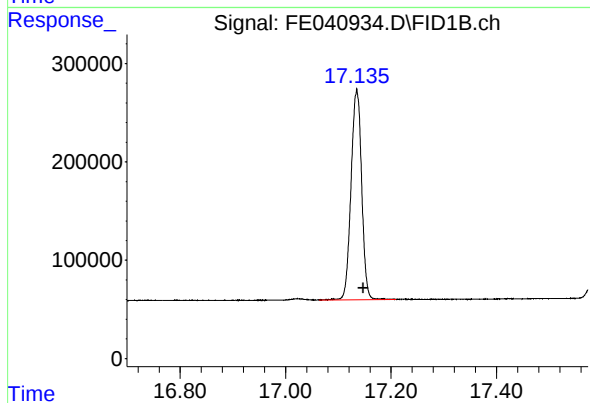
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.013 min
Response: 3047450
Conc: 17.68 ug/ml



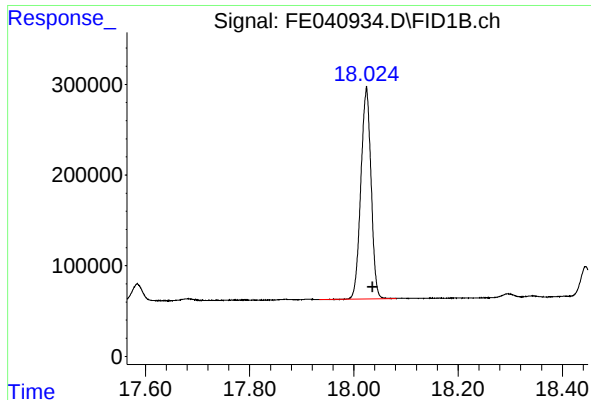
#15 n-Hexacosane (C26)

R.T.: 16.183 min
Delta R.T.: -0.014 min
Response: 2938205
Conc: 17.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.135 min
Delta R.T.: -0.012 min
Response: 2987178
Conc: 17.81 ug/ml



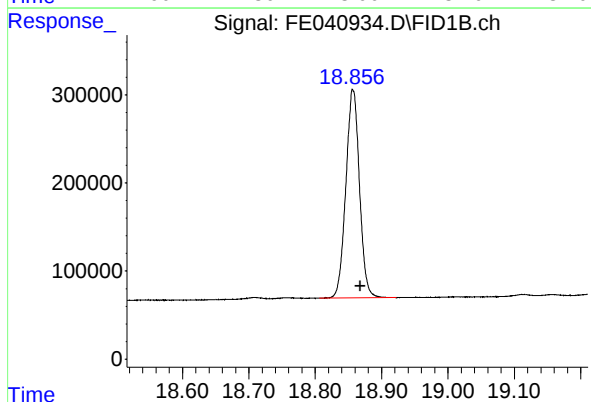
#17 n-Tricontane (C30)

R.T.: 18.024 min
Delta R.T.: -0.012 min
Response: 3159131
Conc: 19.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

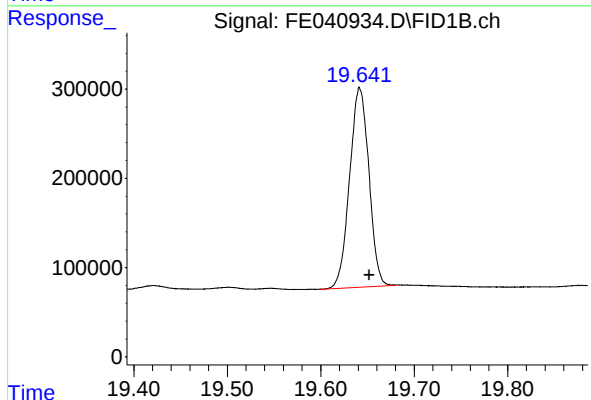
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/23/2023
Supervised By :Ankita Jodhani 03/23/2023



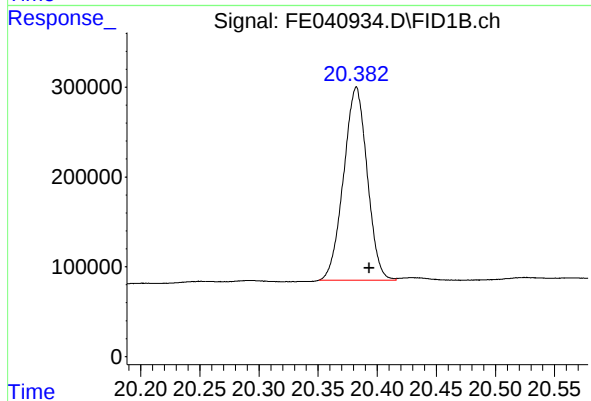
#18 n-Dotriacontane (C32)

R.T.: 18.857 min
Delta R.T.: -0.011 min
Response: 3380516
Conc: 19.75 ug/ml



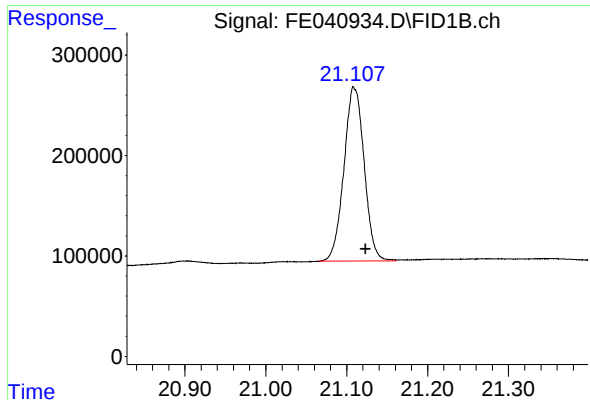
#19 n-Tetatriacontane (C34)

R.T.: 19.641 min
Delta R.T.: -0.011 min
Response: 3202348
Conc: 20.71 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.382 min
Delta R.T.: -0.011 min
Response: 2988935
Conc: 20.57 ug/ml



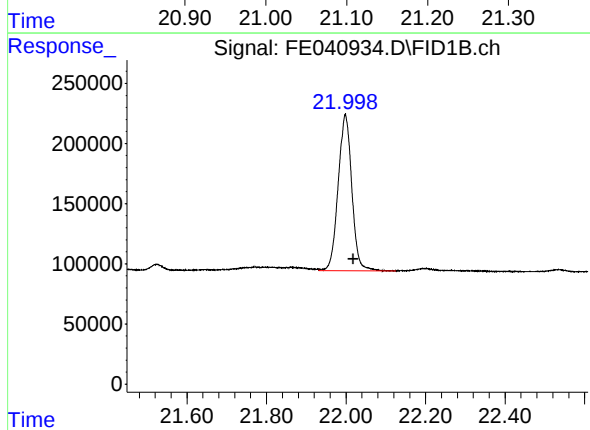
#21 n-Octatriacontane (C38)

R.T.: 21.109 min
Delta R.T.: -0.015 min
Response: 3017928
Conc: 21.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/23/2023
Supervised By :Ankita Jodhani 03/23/2023



#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: -0.020 min
Response: 3111045
Conc: 20.13 ug/ml