

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080823AL\
 Data File : FD046302.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2023 18:41
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :Ankita Jodhani 08/09/2023

Integration File: autoint1.e
 Quant Time: Aug 09 01:41:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 14:31:50 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)	11.392	3708424	21.270 ug/ml
Spiked Amount 50.000		Recovery =	42.54%
12) S 1-chlorooctadecane (S...	12.827	2810768	23.360 ug/ml
Spiked Amount 50.000		Recovery =	46.72%
Target Compounds			
1) T n-Nonane (C9)	3.221	2827794	17.936 ug/ml
2) T n-Decane (C10)	4.277	2880525	17.937 ug/ml
3) T A~Naphthalene (C11.7)	5.839	3201899	18.495 ug/ml
4) T n-Dodecane (C12)	6.281	2903076	17.960 ug/ml
5) T A~2-methylnaphthalene...	6.888	3111306	18.852 ug/ml
6) T n-Tetradecane (C14)	8.064	2897225	18.211 ug/ml
7) T n-Hexadecane (C16)	9.655	3035900	18.657 ug/ml
8) T n-Octadecane (C18)	11.088	3150102	19.529 ug/ml
10) T n-Eicosane (C20)	12.388	3120122	20.903 ug/ml
11) T n-Heneicosane (C21)	12.996	3125671	21.653 ug/ml
13) T n-Docosane (C22)	13.579	3138198	22.460 ug/ml
14) T n-Tetracosane (C24)	14.674	3180902	23.101 ug/ml
15) T n-Hexacosane (C26)	15.687	3161167	24.727 ug/ml
16) T n-Octacosane (C28)	16.629	3090487	25.380 ug/ml
17) T n-Tricontane (C30)	17.509	3085211	24.928 ug/mlm
18) T n-Dotriacontane (C32)	18.335	2969570	24.320 ug/ml
19) T n-Tetratriacontane (C34)	19.112	2767847	21.634 ug/ml
20) T n-Hexatriacontane (C36)	19.845	2561552	22.367 ug/ml
21) T n-Octatriacontane (C38)	20.545	2425196	21.541 ug/ml
22) T n-Tetracontane (C40)	21.362	2312243	21.556 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080823AL\
Data File : FD046302.D
Signal(s) : FID2B.ch
Acq On : 08 Aug 2023 18:41
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

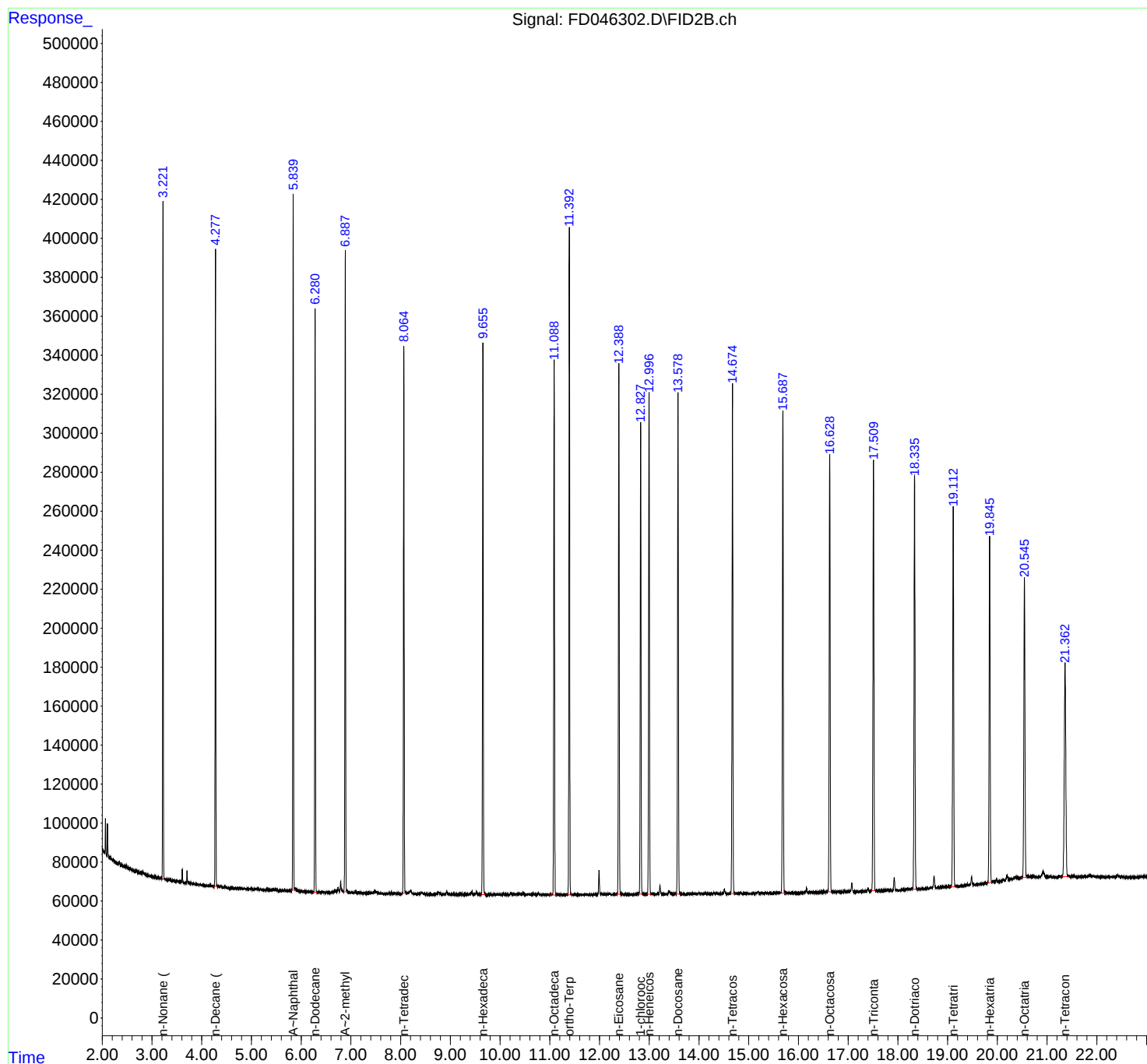
Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

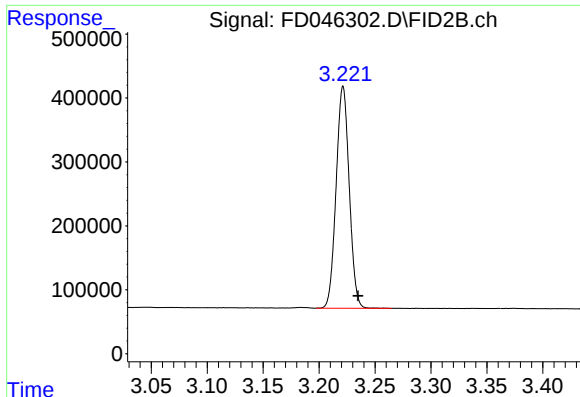
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :Ankita Jodhani 08/09/2023

Integration File: autoint1.e
Quant Time: Aug 09 01:41:54 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
Quant Title : GC Extractables
QLast Update : Thu Jul 20 14:31:50 2023
Response via : Initial Calibration
Integrator: ChemStation

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





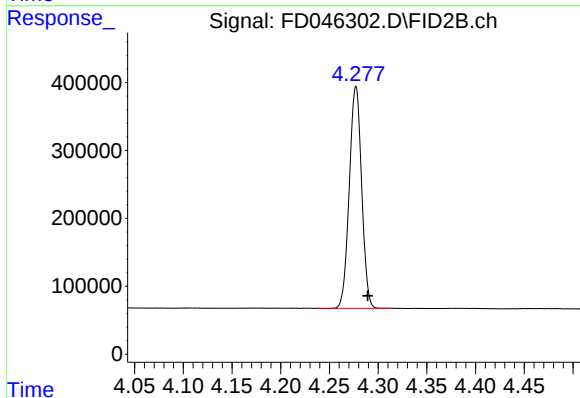
#1 n-Nonane (C9)

R.T.: 3.221 min
Delta R.T.: -0.014 min
Response: 2827794
Conc: 17.94 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

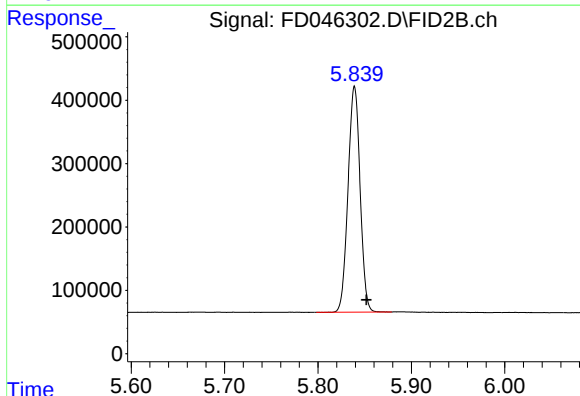
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :Ankita Jodhani 08/09/2023



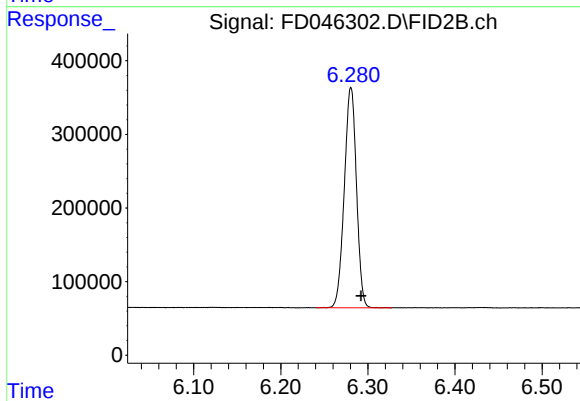
#2 n-Decane (C10)

R.T.: 4.277 min
Delta R.T.: -0.012 min
Response: 2880525
Conc: 17.94 ug/ml



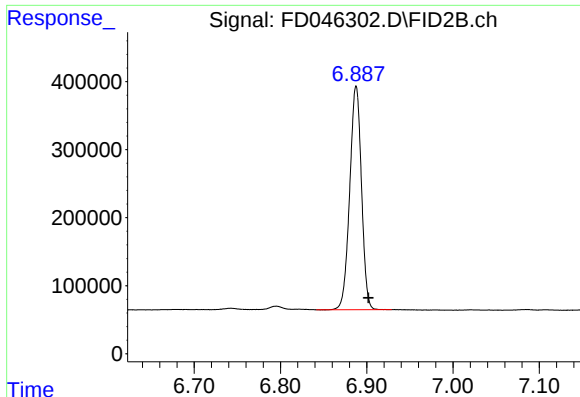
#3 A~Naphthalene (C11.7)

R.T.: 5.839 min
Delta R.T.: -0.013 min
Response: 3201899
Conc: 18.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.281 min
Delta R.T.: -0.012 min
Response: 2903076
Conc: 17.96 ug/ml



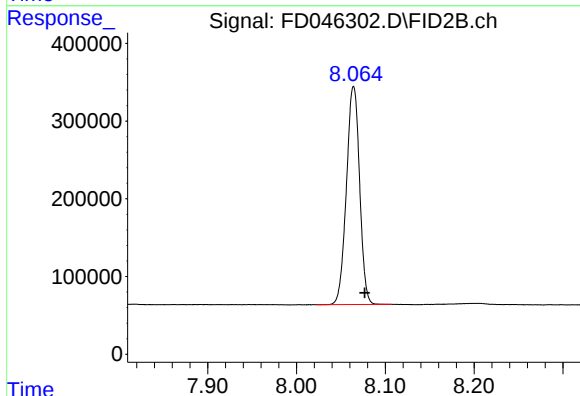
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.888 min
Delta R.T.: -0.014 min
Response: 3111306
Conc: 18.85 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

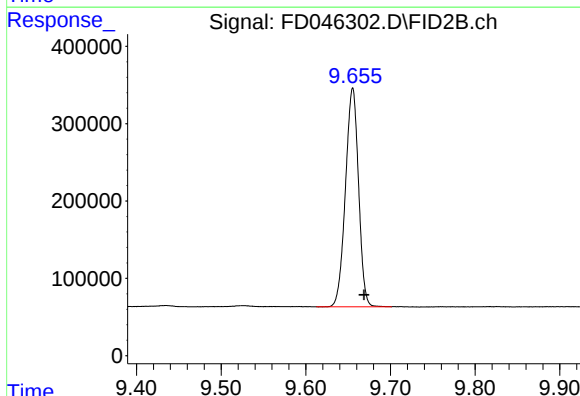
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :Ankita Jodhani 08/09/2023



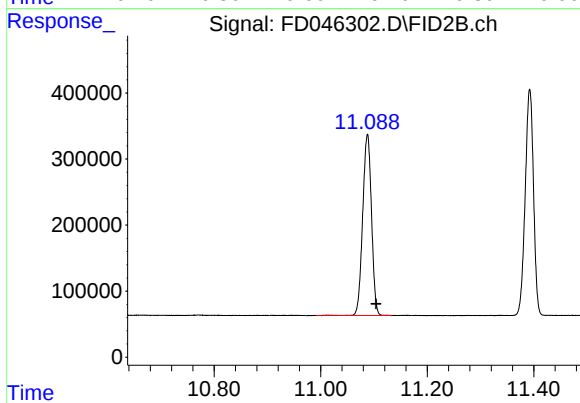
#6 n-Tetradecane (C14)

R.T.: 8.064 min
Delta R.T.: -0.013 min
Response: 2897225
Conc: 18.21 ug/ml



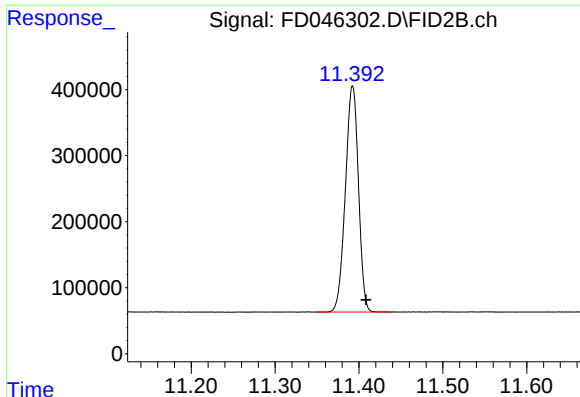
#7 n-Hexadecane (C16)

R.T.: 9.655 min
Delta R.T.: -0.013 min
Response: 3035900
Conc: 18.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.088 min
Delta R.T.: -0.016 min
Response: 3150102
Conc: 19.53 ug/ml



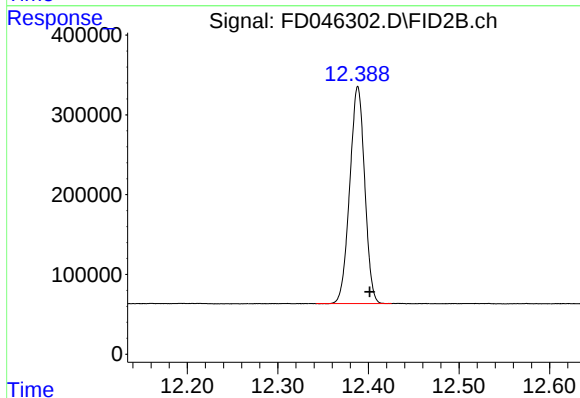
#9 ortho-Terphenyl (SURR)

R.T.: 11.392 min
Delta R.T.: -0.016 min
Response: 3708424
Conc: 21.27 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

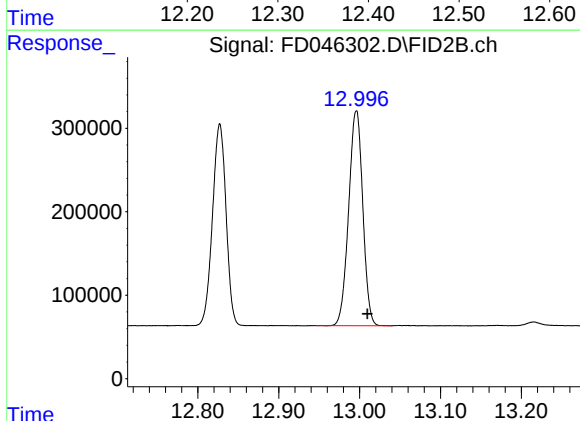
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :Ankita Jodhani 08/09/2023



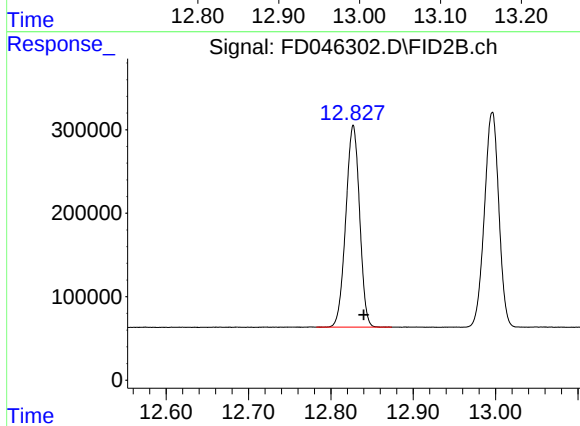
#10 n-Eicosane (C20)

R.T.: 12.388 min
Delta R.T.: -0.013 min
Response: 3120122
Conc: 20.90 ug/ml



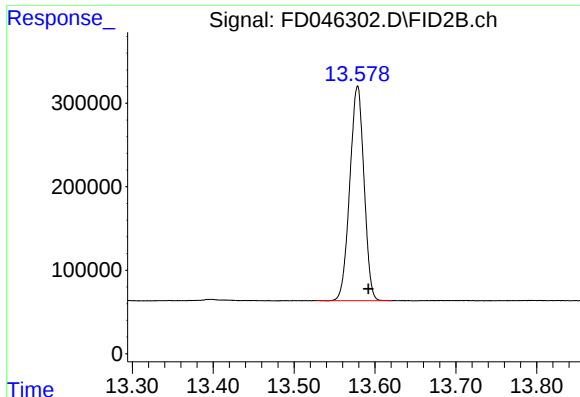
#11 n-Heneicosane (C21)

R.T.: 12.996 min
Delta R.T.: -0.014 min
Response: 3125671
Conc: 21.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.827 min
Delta R.T.: -0.013 min
Response: 2810768
Conc: 23.36 ug/ml



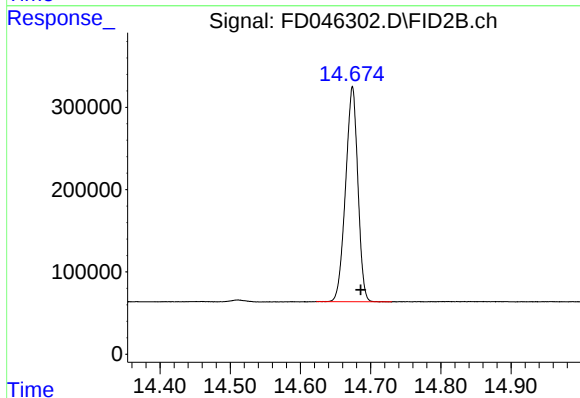
#13 n-Docosane (C22)

R.T.: 13.579 min
Delta R.T.: -0.013 min
Response: 3138198
Conc: 22.46 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

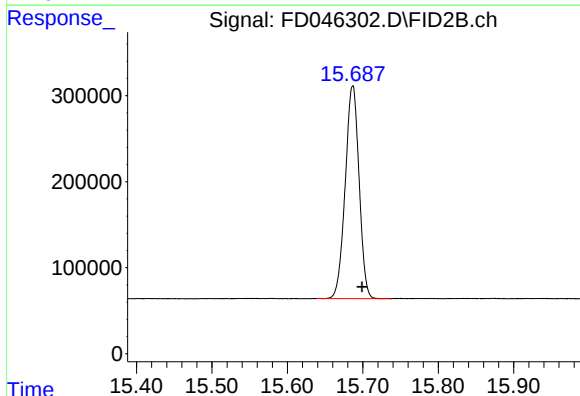
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :Ankita Jodhani 08/09/2023



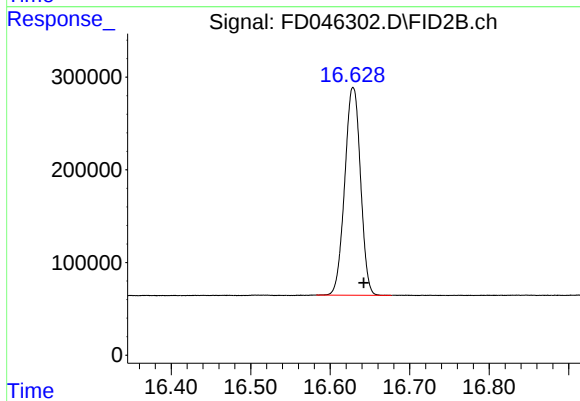
#14 n-Tetracosane (C24)

R.T.: 14.674 min
Delta R.T.: -0.012 min
Response: 3180902
Conc: 23.10 ug/ml



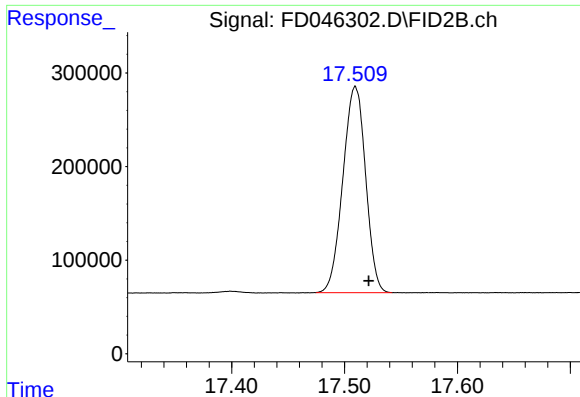
#15 n-Hexacosane (C26)

R.T.: 15.687 min
Delta R.T.: -0.013 min
Response: 3161167
Conc: 24.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.629 min
Delta R.T.: -0.013 min
Response: 3090487
Conc: 25.38 ug/ml



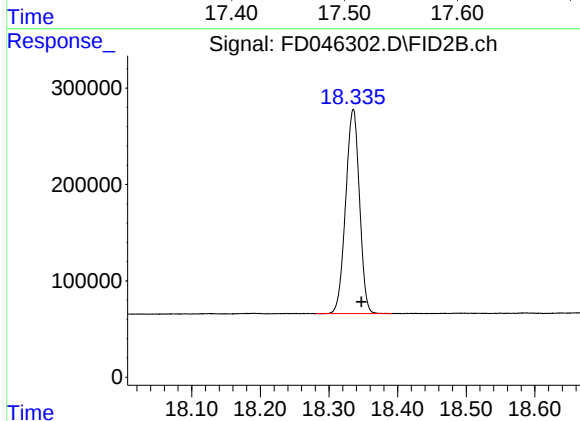
#17 n-Tricontane (C30)

R.T.: 17.509 min
Delta R.T.: -0.012 min
Response: 3085211
Conc: 24.93 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

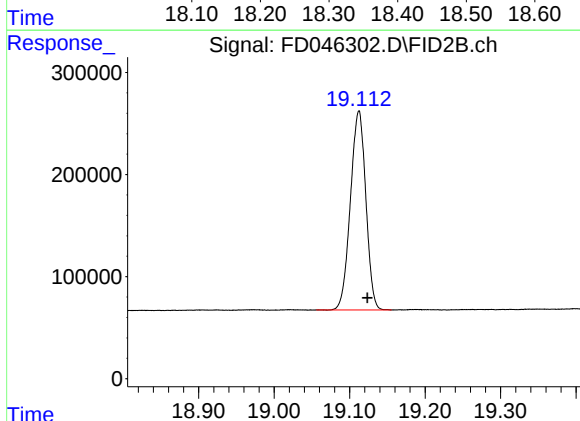
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :Ankita Jodhani 08/09/2023



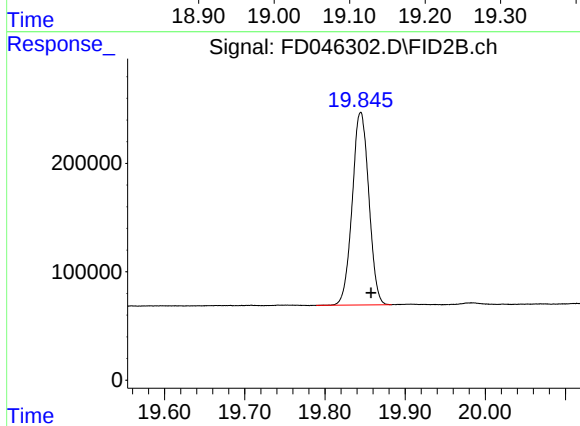
#18 n-Dotriacontane (C32)

R.T.: 18.335 min
Delta R.T.: -0.011 min
Response: 2969570
Conc: 24.32 ug/ml



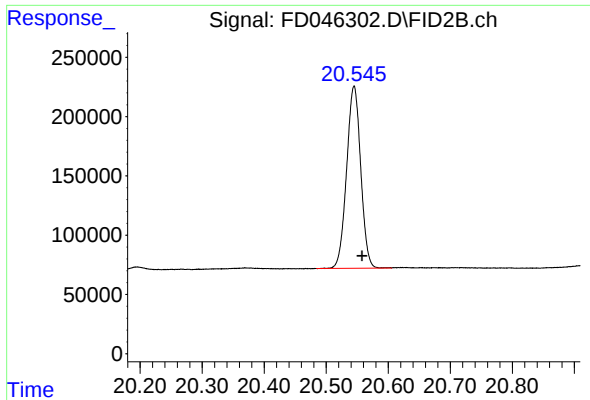
#19 n-Tetratriacontane (C34)

R.T.: 19.112 min
Delta R.T.: -0.011 min
Response: 2767847
Conc: 21.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.845 min
Delta R.T.: -0.013 min
Response: 2561552
Conc: 22.37 ug/ml



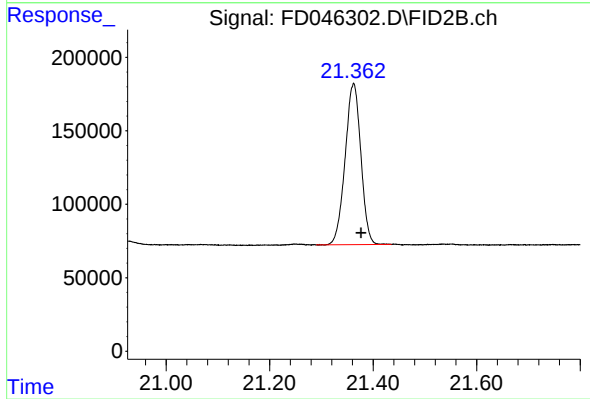
#21 n-Octatriacontane (C38)

R.T.: 20.545 min
Delta R.T.: -0.013 min
Response: 2425196
Conc: 21.54 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :Ankita Jodhani 08/09/2023



#22 n-Tetracontane (C40)

R.T.: 21.362 min
Delta R.T.: -0.014 min
Response: 2312243
Conc: 21.56 ug/ml