

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121223AL\
 Data File : FE045772.D
 Signal(s) : FID1B.ch
 Acq On : 12 Dec 2023 13:03
 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 12/13/2023
 Supervised By :Ankita Jodhani 12/13/2023

Integration File: autoint1.e
 Quant Time: Dec 12 22:36:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.850	3913070	18.712 ug/ml
Spiked Amount 50.000		Recovery =	37.42%
12) S 1-chlorooctadecane (S...	13.293	2892360	18.382 ug/ml
Spiked Amount 50.000		Recovery =	36.76%
Target Compounds			
1) T n-Nonane (C9)	3.237	3185981	20.091 ug/mlm
2) T n-Decane (C10)	4.489	3281724	20.494 ug/ml
3) T A~Naphthalene (C11.7)	6.190	3563070	20.455 ug/ml
4) T n-Dodecane (C12)	6.656	3324988	20.585 ug/ml
5) T A~2-methylnaphthalene...	7.286	3461412	20.383 ug/ml
6) T n-Tetradecane (C14)	8.483	3302713	20.587 ug/ml
7) T n-Hexadecane (C16)	10.092	3357462	20.275 ug/ml
8) T n-Octadecane (C18)	11.537	3366660	19.636 ug/ml
10) T n-Eicosane (C20)	12.849	3243984	18.749 ug/ml
11) T n-Heneicosane (C21)	13.461	3169358	18.423 ug/ml
13) T n-Docosane (C22)	14.048	3142971	18.228 ug/ml
14) T n-Tetracosane (C24)	15.153	3112192	17.827 ug/ml
15) T n-Hexacosane (C26)	16.176	3041191	17.463 ug/ml
16) T n-Octacosane (C28)	17.128	3047775	17.634 ug/ml
17) T n-Tricontane (C30)	18.018	3153579	18.026 ug/ml
18) T n-Dotriacontane (C32)	18.851	3167853	17.364 ug/mlm
19) T n-Tetratriacontane (C34)	19.639	3022785	18.217 ug/ml
20) T n-Hexatriacontane (C36)	20.382	2907954	18.319 ug/ml
21) T n-Octatriacontane (C38)	21.115	2888466	18.419 ug/ml
22) T n-Tetracontane (C40)	22.019	2986949	21.018 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121223AL\
Data File : FE045772.D
Signal(s) : FID1B.ch
Acq On : 12 Dec 2023 13:03
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

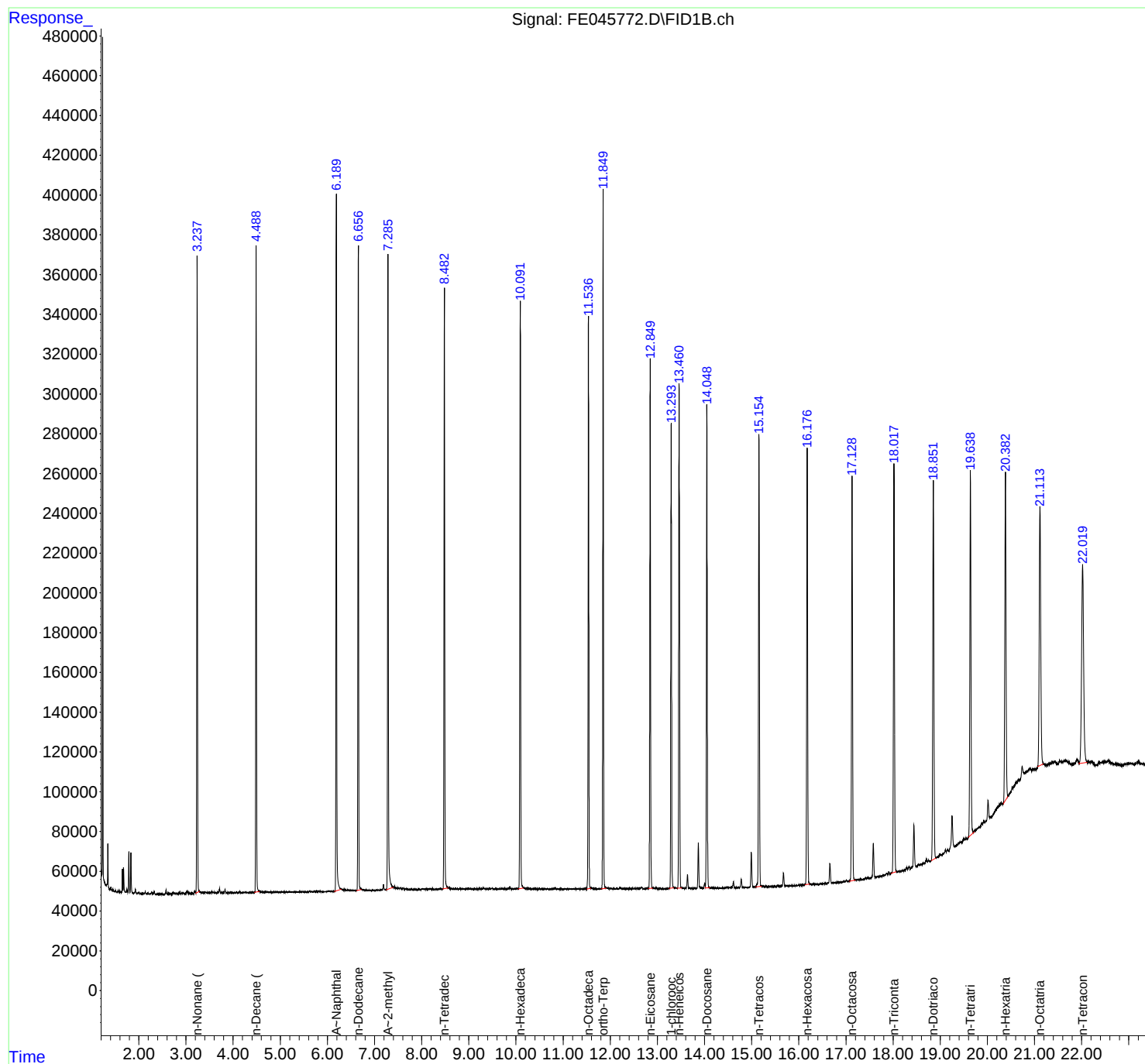
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

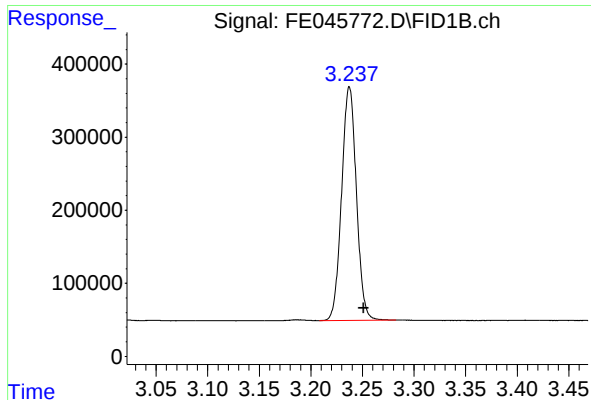
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023

Integration File: autoint1.e
Quant Time: Dec 12 22:36:51 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.
Quant Title : GC Extractables
QLast Update : Thu Nov 30 12:25:07 2023
Response via : Initial Calibration
Integrator: ChemStation

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





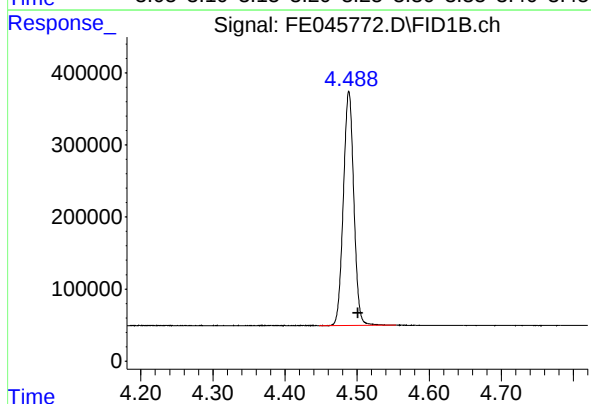
#1 n-Nonane (C9)

R.T.: 3.237 min
Delta R.T.: -0.014 min
Response: 3185981
Conc: 20.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

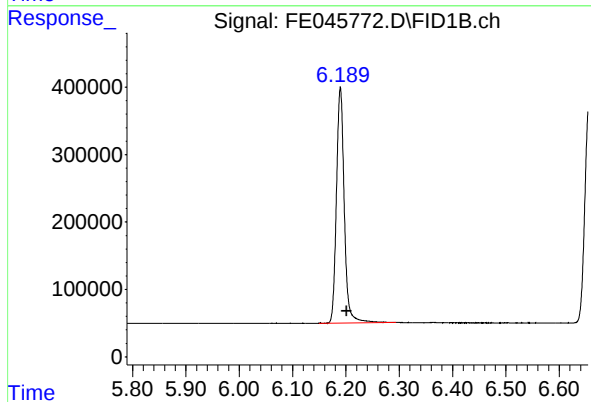
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023



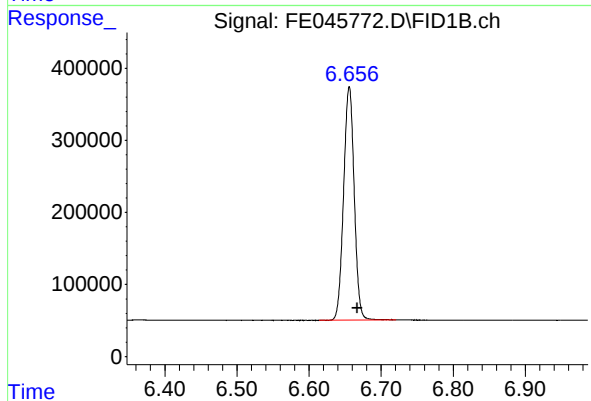
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.013 min
Response: 3281724
Conc: 20.49 ug/ml



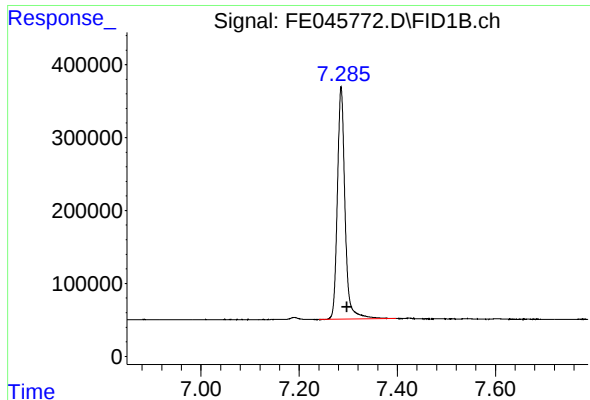
#3 A~Naphthalene (C11.7)

R.T.: 6.190 min
Delta R.T.: -0.012 min
Response: 3563070
Conc: 20.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.656 min
Delta R.T.: -0.011 min
Response: 3324988
Conc: 20.58 ug/ml



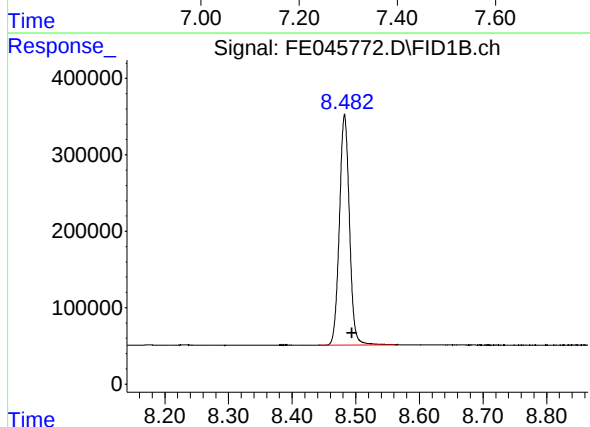
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.286 min
Delta R.T.: -0.012 min
Response: 3461412
Conc: 20.38 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

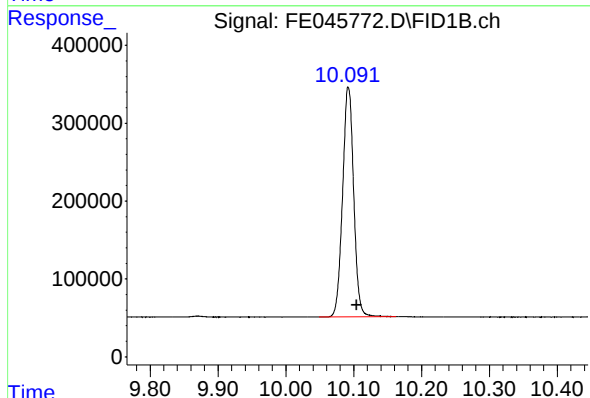
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023



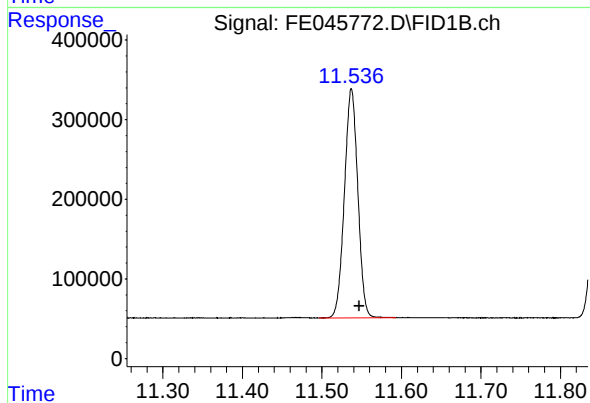
#6 n-Tetradecane (C14)

R.T.: 8.483 min
Delta R.T.: -0.012 min
Response: 3302713
Conc: 20.59 ug/ml



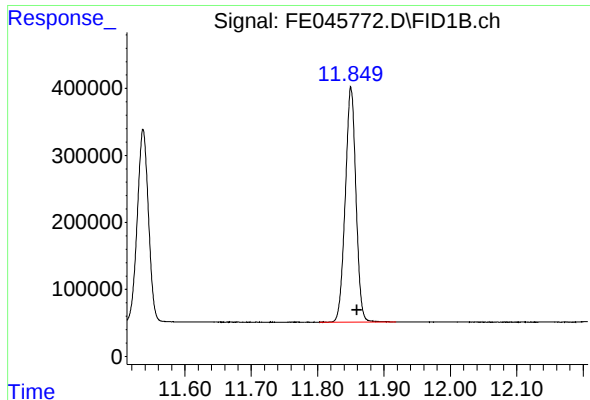
#7 n-Hexadecane (C16)

R.T.: 10.092 min
Delta R.T.: -0.012 min
Response: 3357462
Conc: 20.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.537 min
Delta R.T.: -0.010 min
Response: 3366660
Conc: 19.64 ug/ml



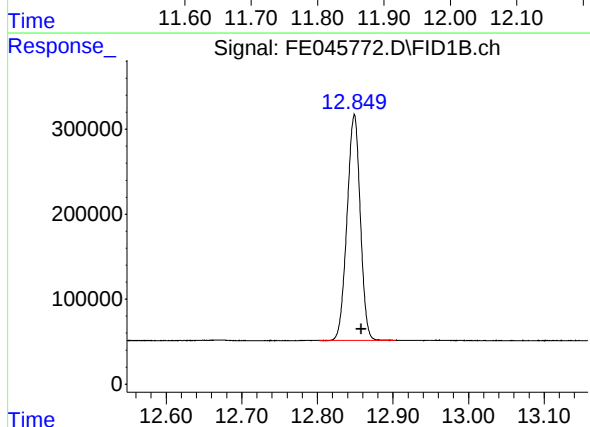
#9 ortho-Terphenyl (SURR)

R.T.: 11.850 min
Delta R.T.: -0.009 min
Response: 3913070
Conc: 18.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

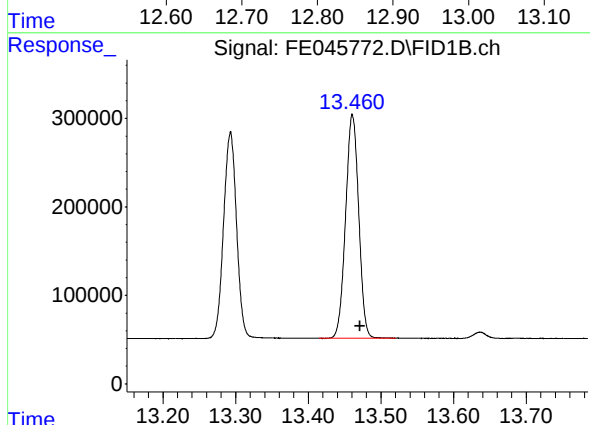
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023



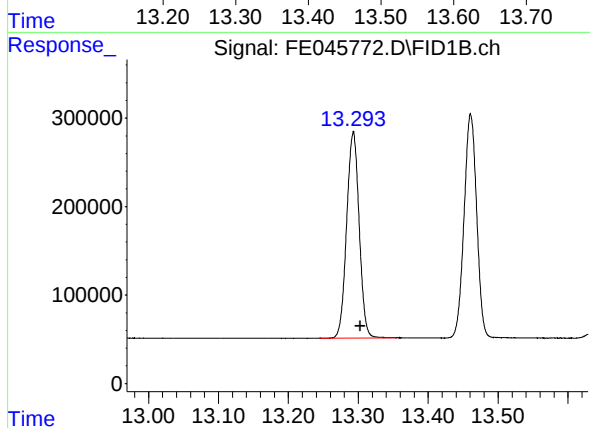
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: -0.009 min
Response: 3243984
Conc: 18.75 ug/ml



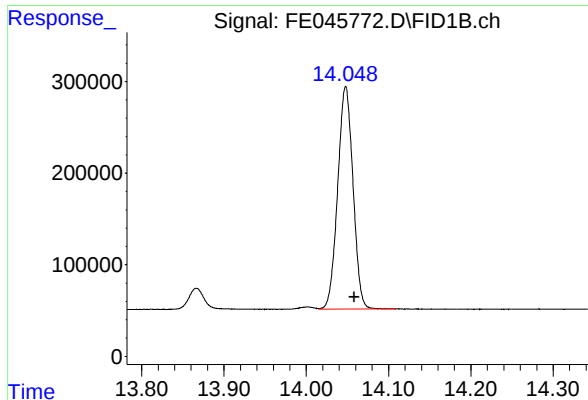
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.010 min
Response: 3169358
Conc: 18.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: -0.010 min
Response: 2892360
Conc: 18.38 ug/ml



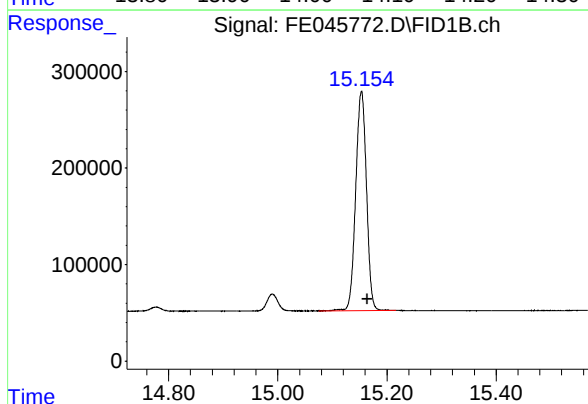
#13 n-Docosane (C22)

R.T.: 14.048 min
Delta R.T.: -0.010 min
Response: 3142971
Conc: 18.23 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

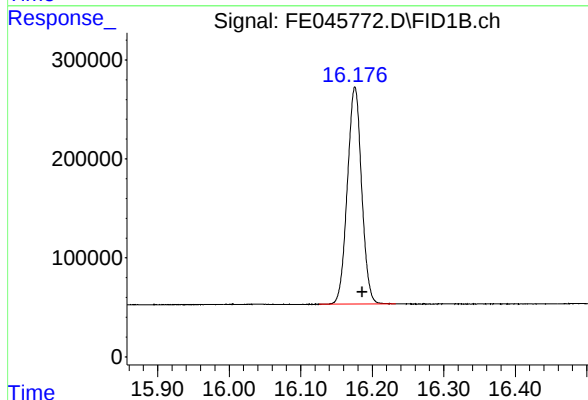
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023



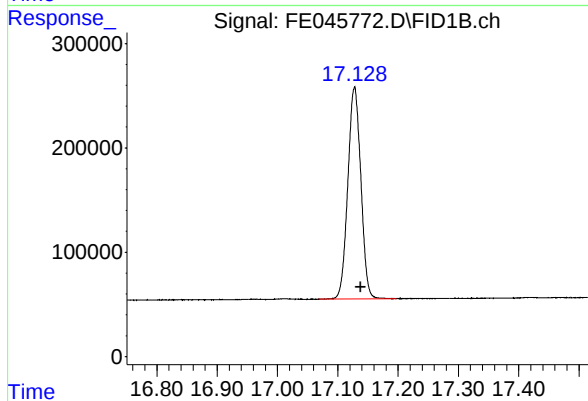
#14 n-Tetracosane (C24)

R.T.: 15.153 min
Delta R.T.: -0.011 min
Response: 3112192
Conc: 17.83 ug/ml



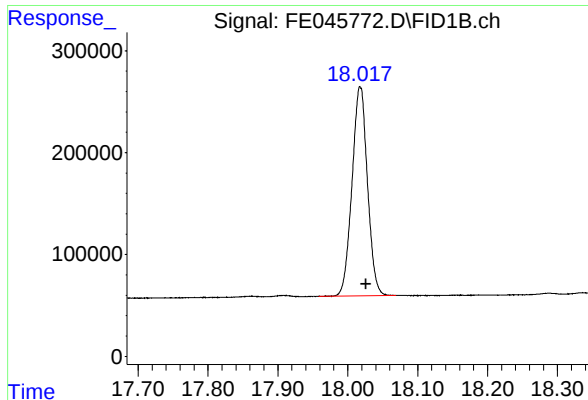
#15 n-Hexacosane (C26)

R.T.: 16.176 min
Delta R.T.: -0.010 min
Response: 3041191
Conc: 17.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.128 min
Delta R.T.: -0.010 min
Response: 3047775
Conc: 17.63 ug/ml



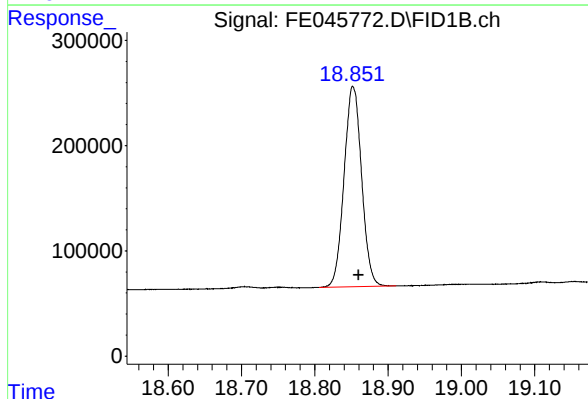
#17 n-Tricontane (C30)

R.T.: 18.018 min
Delta R.T.: -0.008 min
Response: 3153579
Conc: 18.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

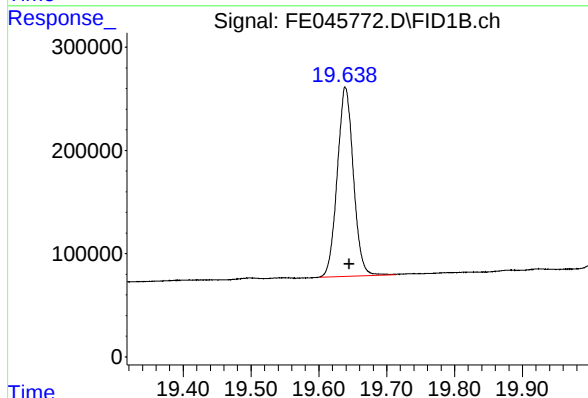
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023



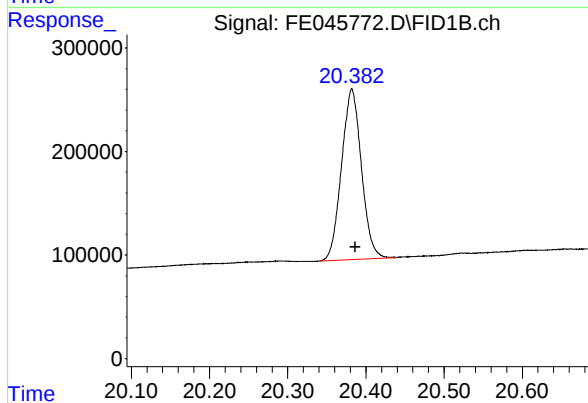
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: -0.009 min
Response: 3167853
Conc: 17.36 ug/ml



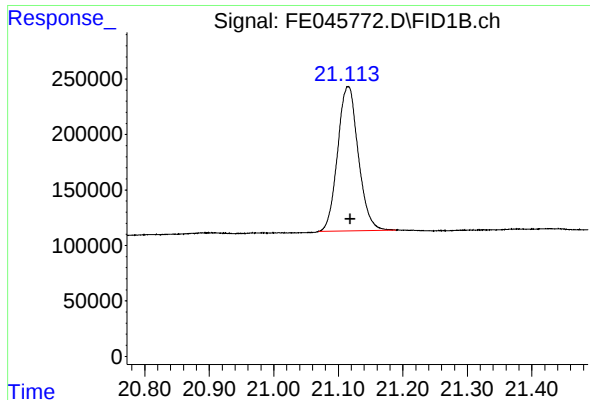
#19 n-Tetatriacontane (C34)

R.T.: 19.639 min
Delta R.T.: -0.006 min
Response: 3022785
Conc: 18.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.382 min
Delta R.T.: -0.004 min
Response: 2907954
Conc: 18.32 ug/ml



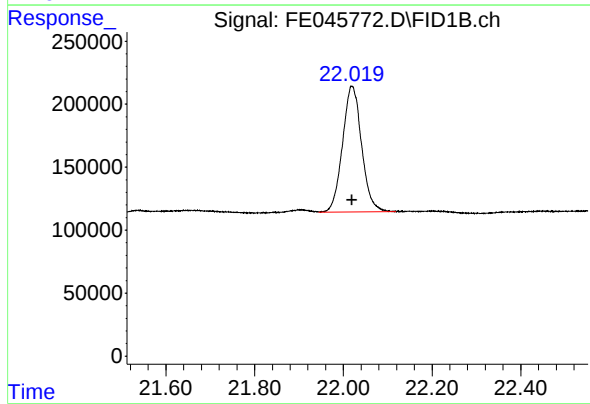
#21 n-Octatriacontane (C38)

R.T.: 21.115 min
Delta R.T.: -0.004 min
Response: 2888466
Conc: 18.42 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023



#22 n-Tetracontane (C40)

R.T.: 22.019 min
Delta R.T.: 0.000 min
Response: 2986949
Conc: 21.02 ug/ml