

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051024AL\
 Data File : FE048082.D
 Signal(s) : FID1B.ch
 Acq On : 10 May 2024 13:08
 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 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 02:05:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.961	2998250	20.783 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
12) S 1-chlorooctadecane (S...	13.395	2292146	20.513 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
Target Compounds			
1) T n-Nonane (C9)	3.349	2876209	22.317 ug/ml
2) T n-Decane (C10)	4.597	2957172	22.462 ug/ml
3) T A~Naphthalene (C11.7)	6.303	3008529	21.788 ug/ml
4) T n-Dodecane (C12)	6.762	2935001	22.016 ug/ml
5) T A~2-methylnaphthalene...	7.398	2839957	21.341 ug/ml
6) T n-Tetradecane (C14)	8.590	2870809	21.663 ug/ml
7) T n-Hexadecane (C16)	10.198	2923065	21.254 ug/ml
8) T n-Octadecane (C18)	11.640	2932928	21.055 ug/ml
10) T n-Eicosane (C20)	12.950	2791493	20.732 ug/ml
11) T n-Heneicosane (C21)	13.561	2707989	20.457 ug/ml
13) T n-Docosane (C22)	14.148	2681818	20.237 ug/ml
14) T n-Tetracosane (C24)	15.250	2656823	19.953 ug/ml
15) T n-Hexacosane (C26)	16.271	2614362	19.592 ug/ml
16) T n-Octacosane (C28)	17.219	2596752	19.503 ug/ml
17) T n-Tricontane (C30)	18.105	2748835	19.917 ug/ml
18) T n-Dotriacontane (C32)	18.937	2807931	20.329 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2677394	19.655 ug/mlm
20) T n-Hexatriacontane (C36)	20.459	2576885	19.032 ug/mlm
21) T n-Octatriacontane (C38)	21.198	2462035	17.832 ug/ml
22) T n-Tetracontane (C40)	22.123	2332382	16.741 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051024AL\
Data File : FE048082.D
Signal(s) : FID1B.ch
Acq On : 10 May 2024 13:08
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

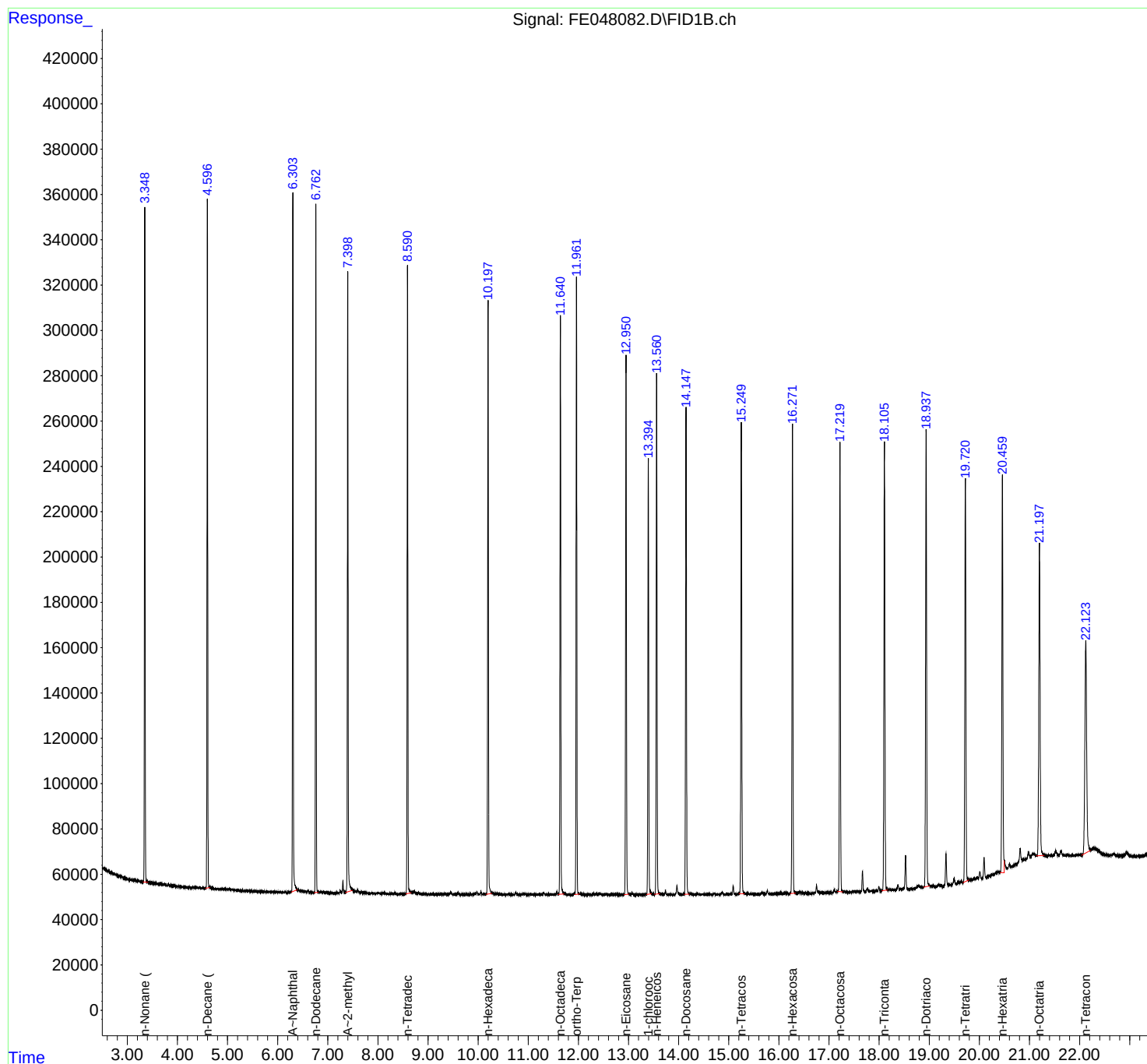
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

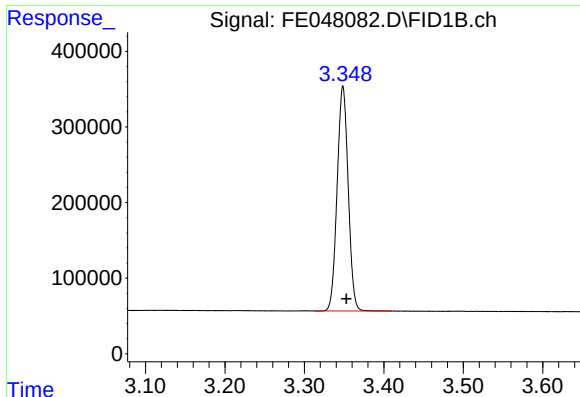
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
Quant Time: May 11 02:05:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 03:29:12 2024
Response via : Initial Calibration
Integrator: ChemStation

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





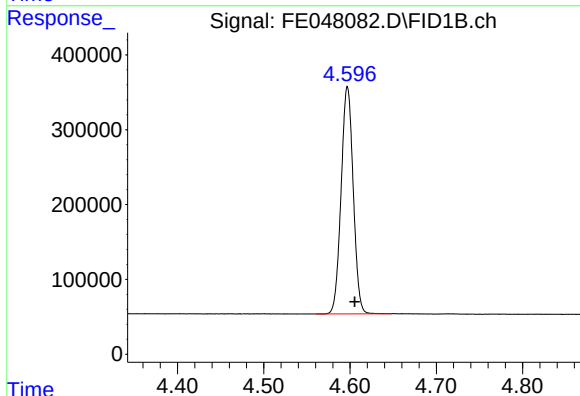
#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: -0.004 min
Response: 2876209
Conc: 22.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

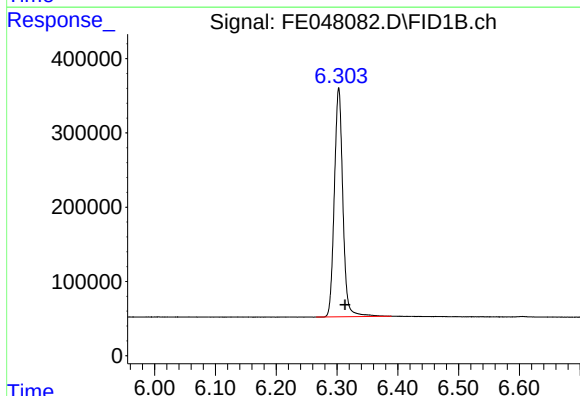
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



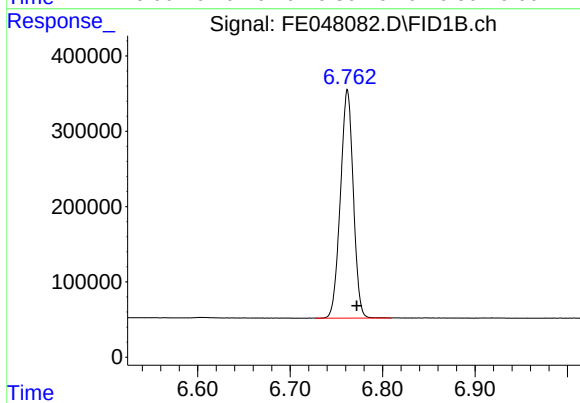
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.009 min
Response: 2957172
Conc: 22.46 ug/ml



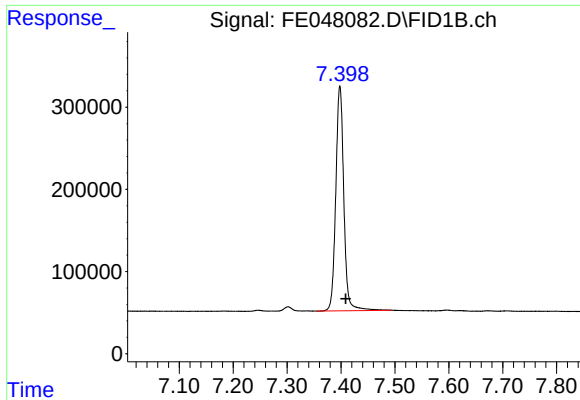
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: -0.011 min
Response: 3008529
Conc: 21.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.762 min
Delta R.T.: -0.010 min
Response: 2935001
Conc: 22.02 ug/ml



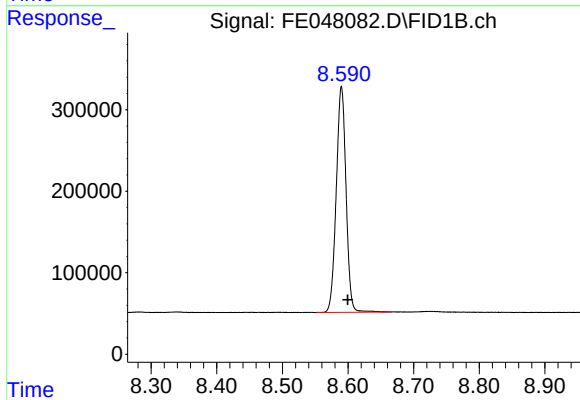
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.398 min
Delta R.T.: -0.011 min
Response: 2839957
Conc: 21.34 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

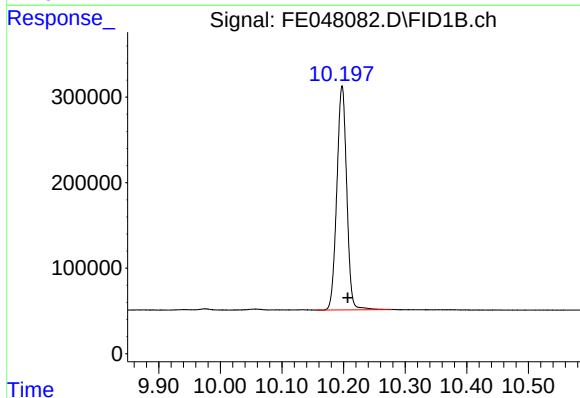
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



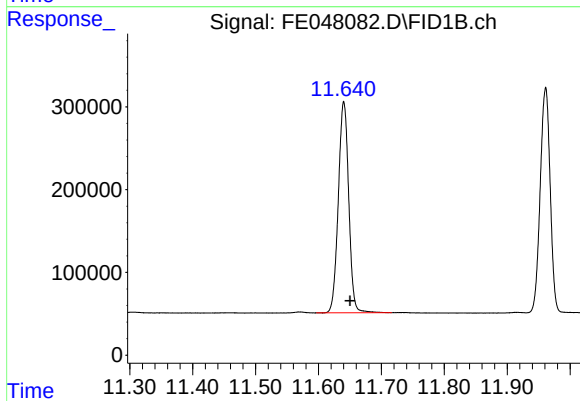
#6 n-Tetradecane (C14)

R.T.: 8.590 min
Delta R.T.: -0.009 min
Response: 2870809
Conc: 21.66 ug/ml



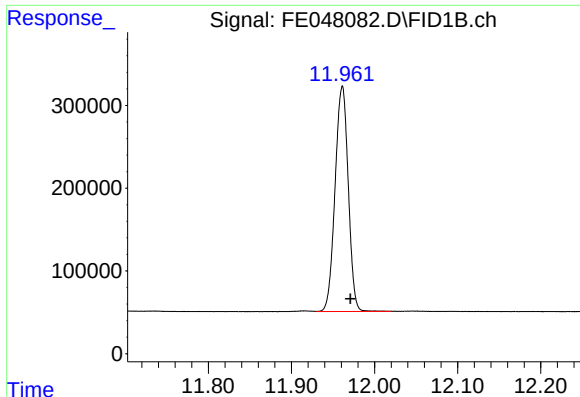
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: -0.009 min
Response: 2923065
Conc: 21.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.640 min
Delta R.T.: -0.010 min
Response: 2932928
Conc: 21.06 ug/ml



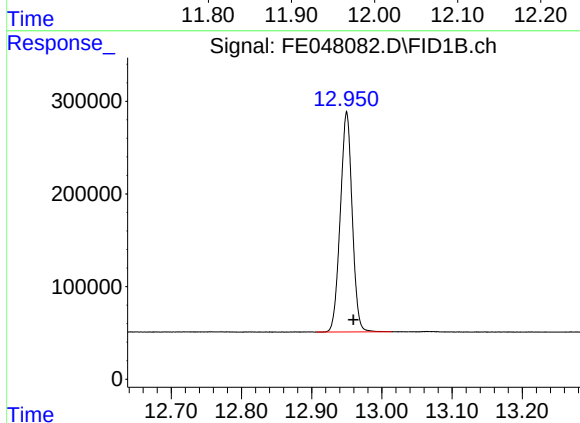
#9 ortho-Terphenyl (SURR)

R.T.: 11.961 min
Delta R.T.: -0.010 min
Response: 2998250
Conc: 20.78 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

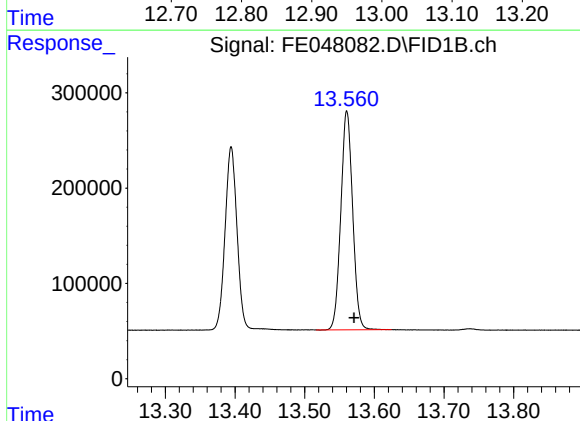
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



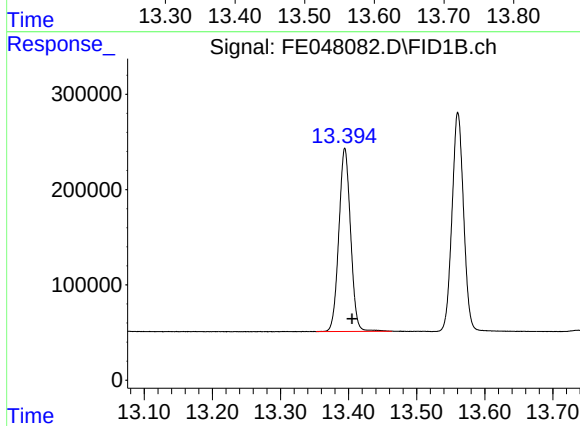
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.009 min
Response: 2791493
Conc: 20.73 ug/ml



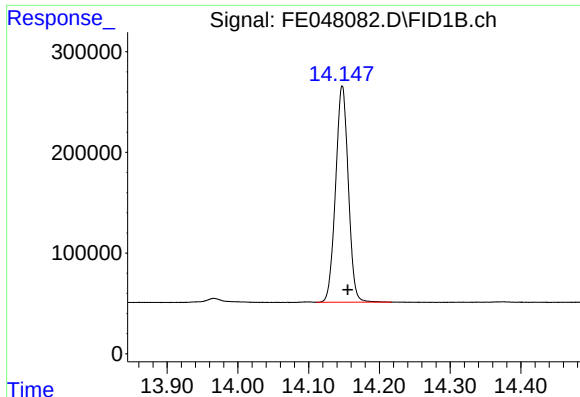
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.011 min
Response: 2707989
Conc: 20.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.010 min
Response: 2292146
Conc: 20.51 ug/ml



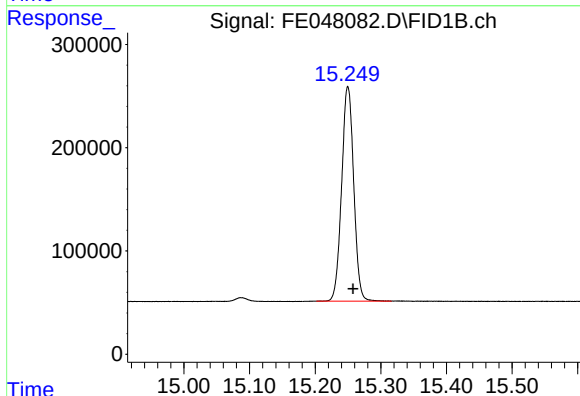
#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: -0.008 min
Response: 2681818
Conc: 20.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

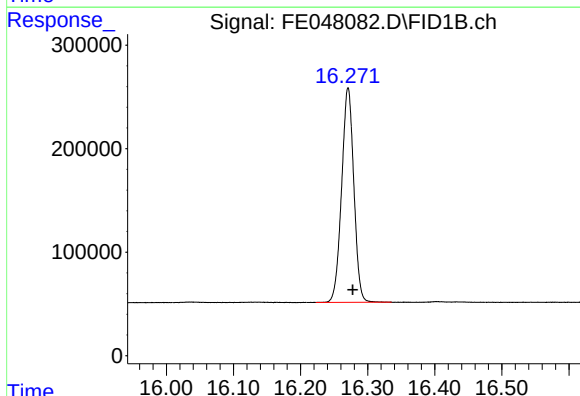
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



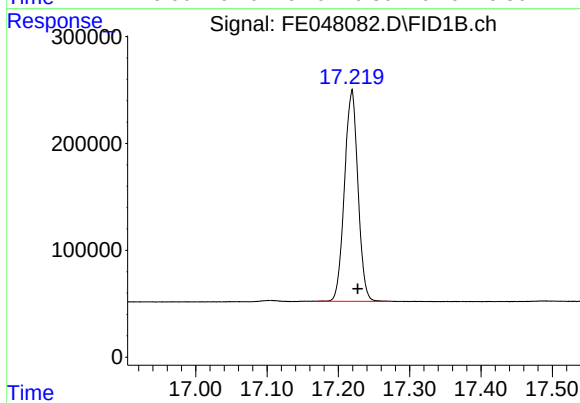
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.008 min
Response: 2656823
Conc: 19.95 ug/ml



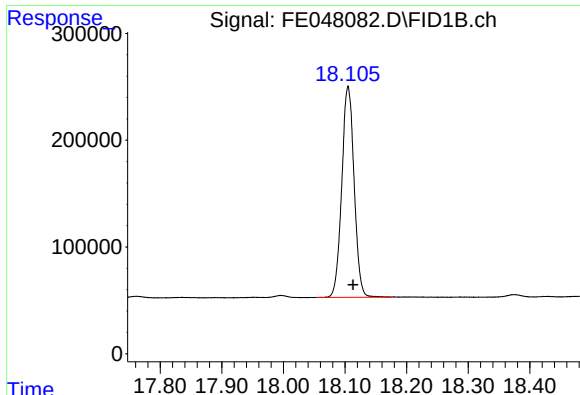
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.007 min
Response: 2614362
Conc: 19.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.219 min
Delta R.T.: -0.008 min
Response: 2596752
Conc: 19.50 ug/ml



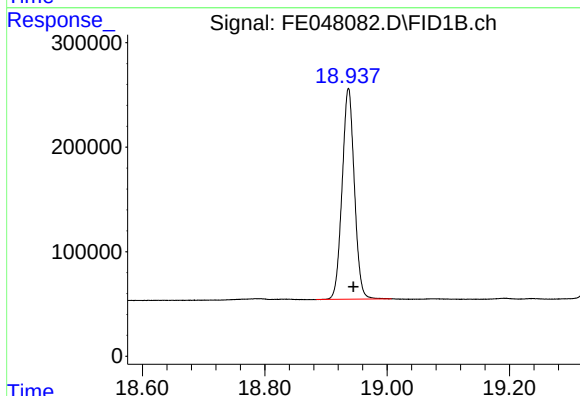
#17 n-Tricontane (C30)

R.T.: 18.105 min
Delta R.T.: -0.008 min
Response: 2748835
Conc: 19.92 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

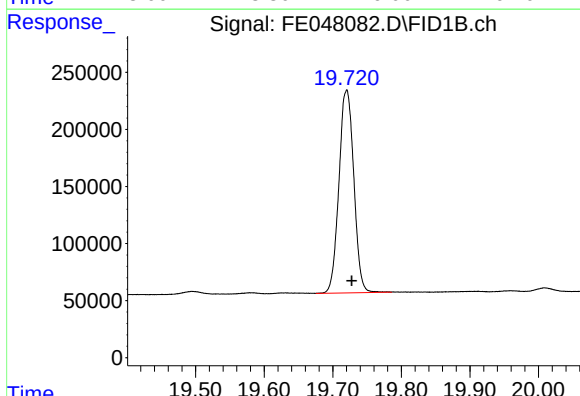
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



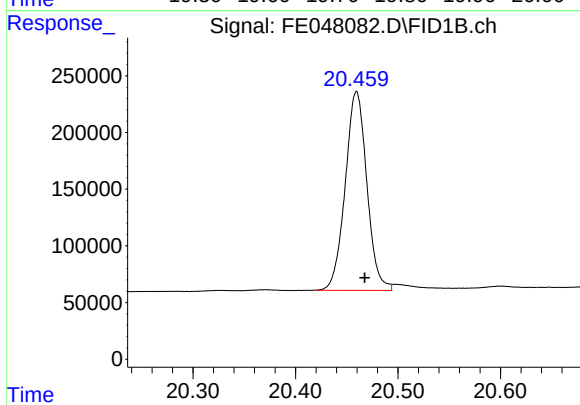
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.008 min
Response: 2807931
Conc: 20.33 ug/ml



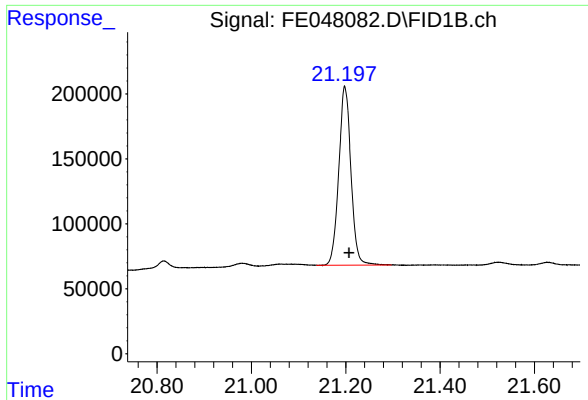
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: -0.007 min
Response: 2677394
Conc: 19.65 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.459 min
Delta R.T.: -0.008 min
Response: 2576885
Conc: 19.03 ug/ml m



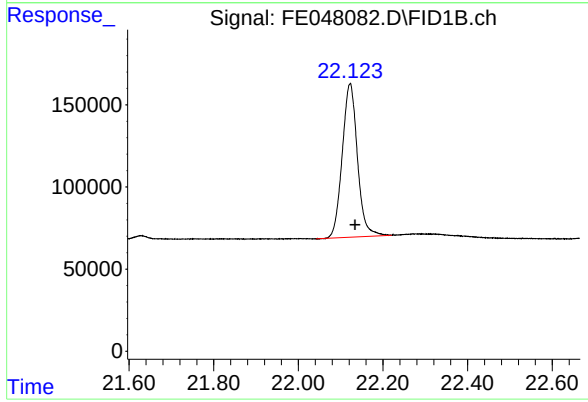
#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.010 min
Response: 2462035
Conc: 17.83 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: -0.011 min
Response: 2332382
Conc: 16.74 ug/ml