

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092624AL\
 Data File : FE050381.D
 Signal(s) : FID1B.ch
 Acq On : 26 Sep 2024 16:43
 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 09/27/2024
 Supervised By :Ankita Jodhani 09/27/2024

Integration File: autoint1.e
 Quant Time: Sep 27 01:34:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.868	2719706	18.280 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
12) S 1-chlorooctadecane (S...	13.302	2070147	18.430 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
Target Compounds			
1) T n-Nonane (C9)	3.256	2310402	17.045 ug/ml
2) T n-Decane (C10)	4.507	2464807	17.859 ug/ml
3) T A~Naphthalene (C11.7)	6.217	2491488	17.800 ug/ml
4) T n-Dodecane (C12)	6.674	2498327	18.067 ug/mlm
5) T A~2-methylnaphthalene...	7.313	2365175	17.995 ug/ml
6) T n-Tetradecane (C14)	8.500	2494910	18.322 ug/ml
7) T n-Hexadecane (C16)	10.107	2573234	18.525 ug/ml
8) T n-Octadecane (C18)	11.548	2593374	18.511 ug/ml
10) T n-Eicosane (C20)	12.856	2478958	18.480 ug/mlm
11) T n-Heneicosane (C21)	13.467	2418612	18.407 ug/ml
13) T n-Docosane (C22)	14.053	2407378	18.487 ug/ml
14) T n-Tetracosane (C24)	15.154	2416849	18.507 ug/ml
15) T n-Hexacosane (C26)	16.173	2396657	18.733 ug/ml
16) T n-Octacosane (C28)	17.122	2529179	19.635 ug/mlm
17) T n-Tricontane (C30)	18.009	2851718	21.326 ug/ml
18) T n-Dotriacontane (C32)	18.840	2942254	22.080 ug/ml
19) T n-Tetratriacontane (C34)	19.623	2706192	21.902 ug/ml
20) T n-Hexatriacontane (C36)	20.363	2514236	22.661 ug/mlm
21) T n-Octatriacontane (C38)	21.087	2135286	19.362 ug/ml
22) T n-Tetracontane (C40)	21.973	1907426	17.529 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092624AL\
Data File : FE050381.D
Signal(s) : FID1B.ch
Acq On : 26 Sep 2024 16:43
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

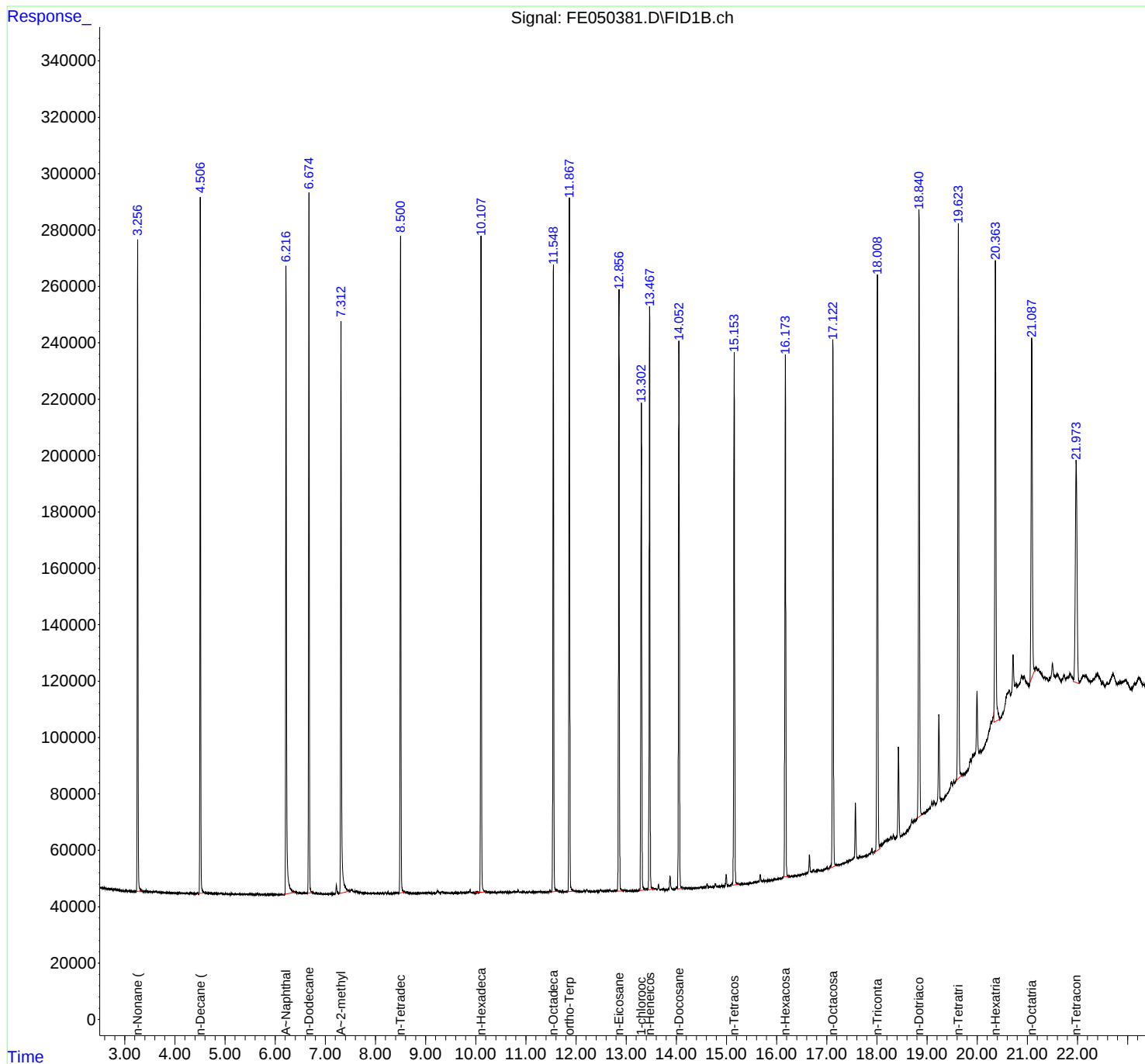
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

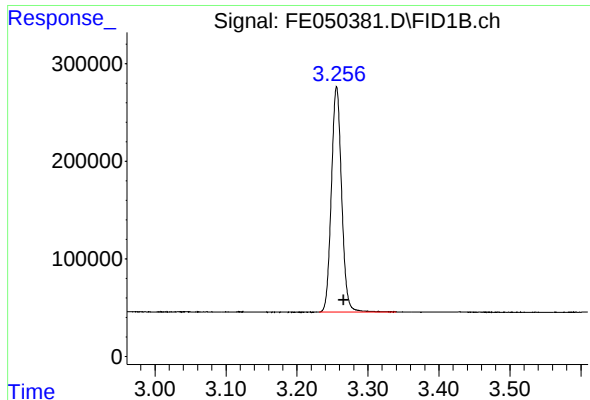
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/27/2024
Supervised By :Ankita Jodhani 09/27/2024

Integration File: autoint1.e
Quant Time: Sep 27 01:34:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

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





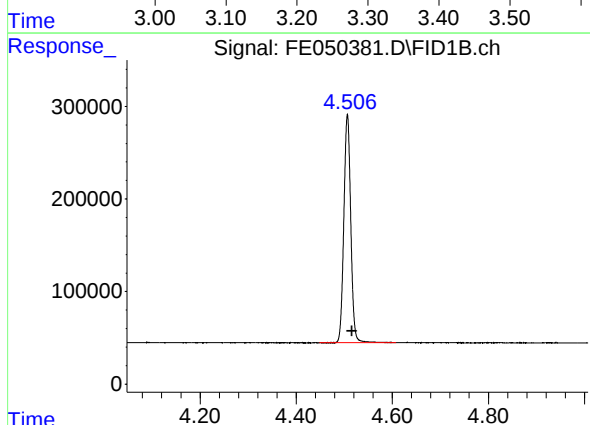
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: -0.010 min
Response: 2310402
Conc: 17.05 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

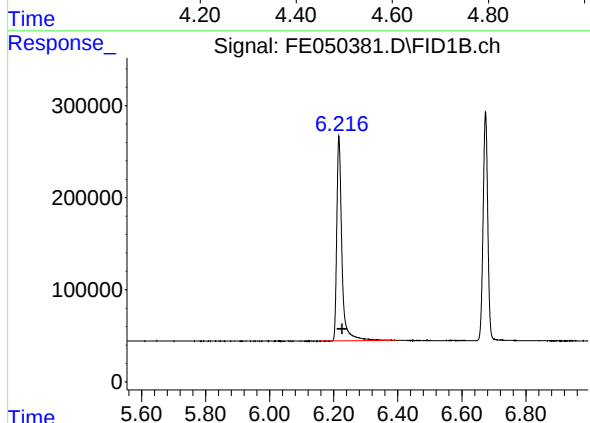
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/27/2024
Supervised By :Ankita Jodhani 09/27/2024



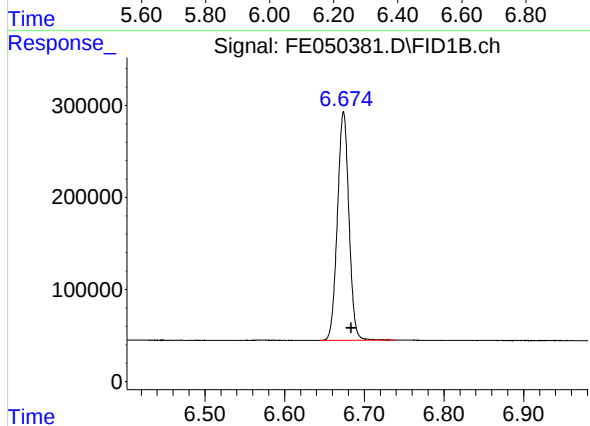
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: -0.010 min
Response: 2464807
Conc: 17.86 ug/ml



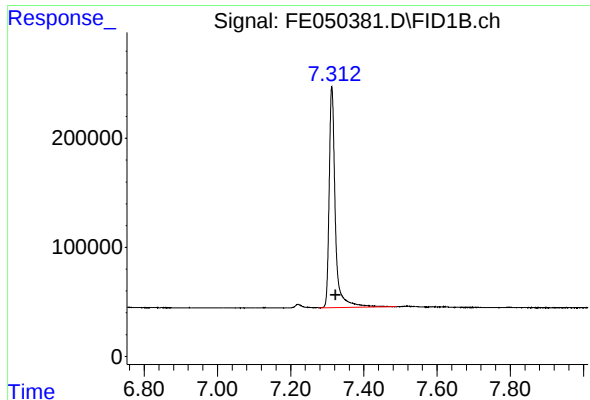
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: -0.010 min
Response: 2491488
Conc: 17.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.674 min
Delta R.T.: -0.010 min
Response: 2498327
Conc: 18.07 ug/ml m



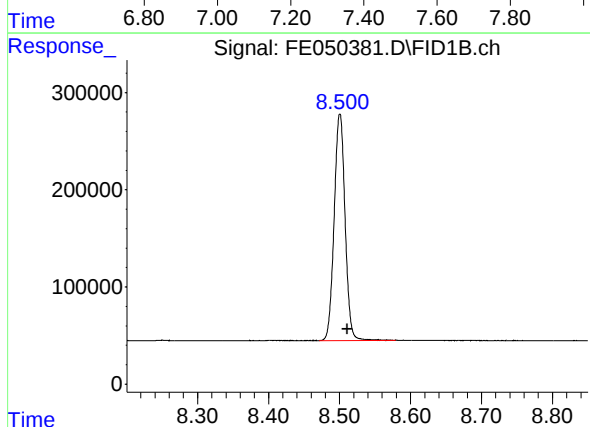
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.313 min
Delta R.T.: -0.010 min
Response: 2365175
Conc: 17.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

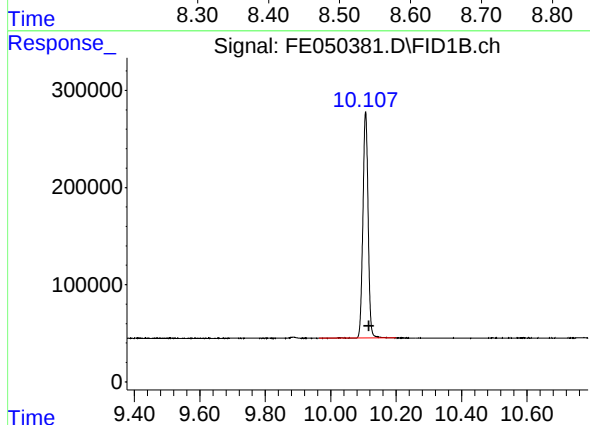
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/27/2024
Supervised By :Ankita Jodhani 09/27/2024



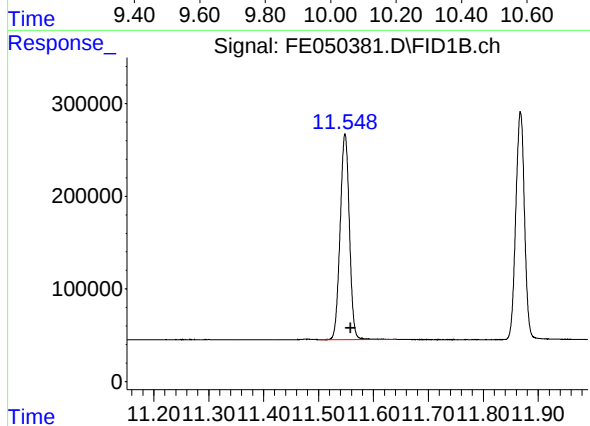
#6 n-Tetradecane (C14)

R.T.: 8.500 min
Delta R.T.: -0.010 min
Response: 2494910
Conc: 18.32 ug/ml



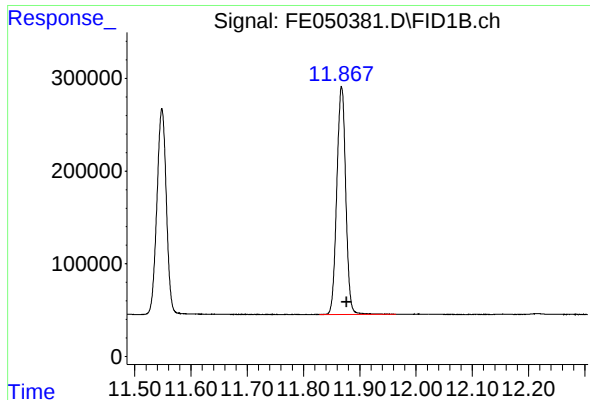
#7 n-Hexadecane (C16)

R.T.: 10.107 min
Delta R.T.: -0.010 min
Response: 2573234
Conc: 18.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.548 min
Delta R.T.: -0.010 min
Response: 2593374
Conc: 18.51 ug/ml



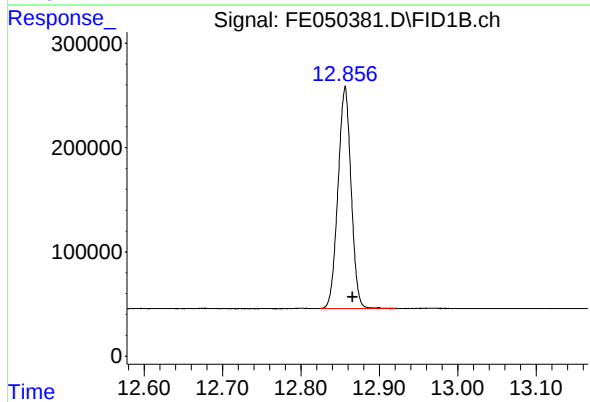
#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: -0.009 min
Response: 2719706
Conc: 18.28 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

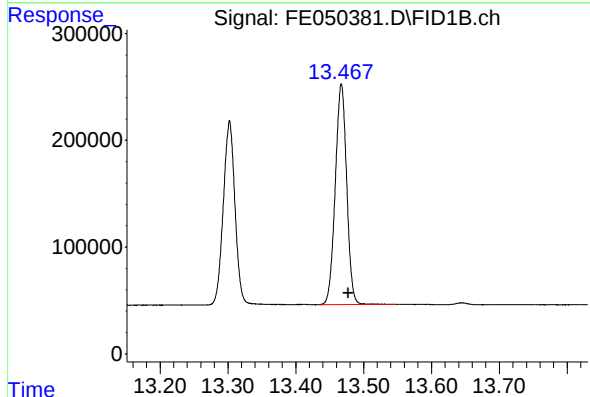
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/27/2024
Supervised By :Ankita Jodhani 09/27/2024



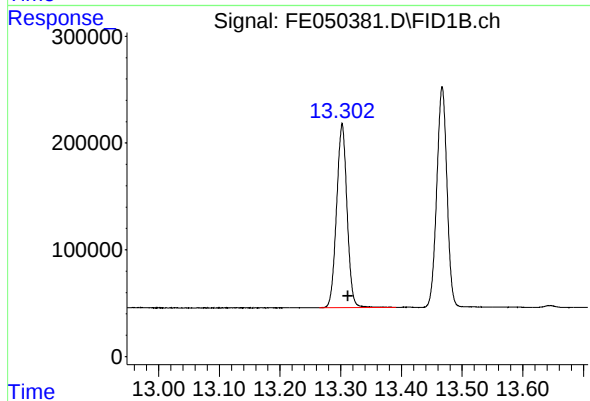
#10 n-Eicosane (C20)

R.T.: 12.856 min
Delta R.T.: -0.010 min
Response: 2478958
Conc: 18.48 ug/ml m



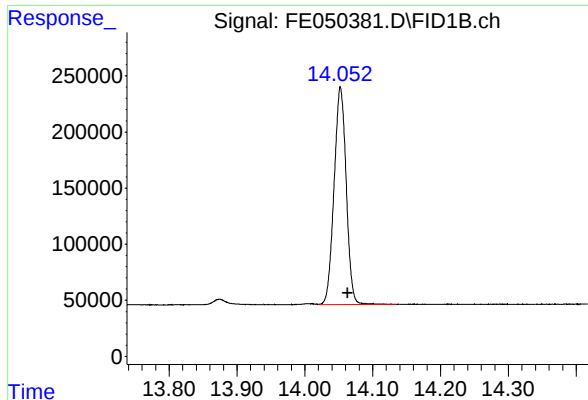
#11 n-Heneicosane (C21)

R.T.: 13.467 min
Delta R.T.: -0.010 min
Response: 2418612
Conc: 18.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.302 min
Delta R.T.: -0.009 min
Response: 2070147
Conc: 18.43 ug/ml



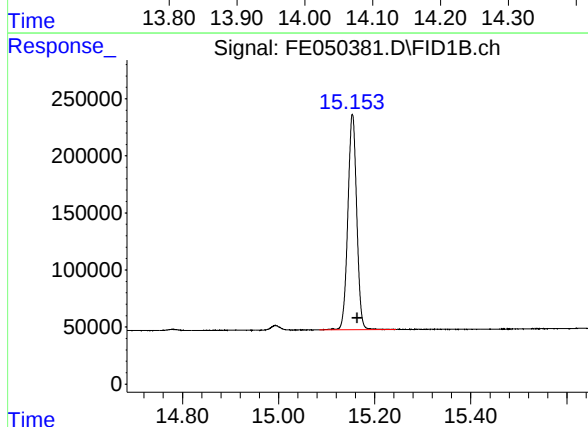
#13 n-Docosane (C22)

R.T.: 14.053 min
Delta R.T.: -0.010 min
Response: 2407378
Conc: 18.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

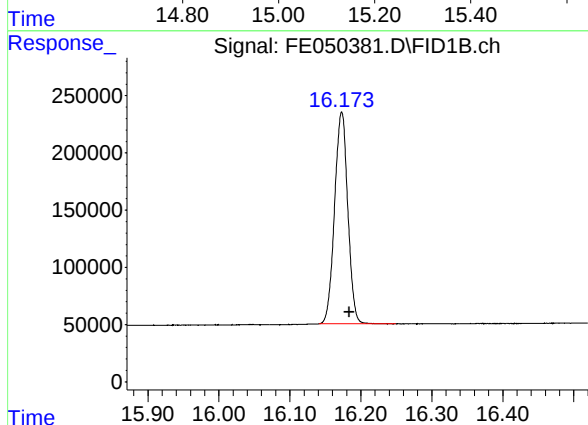
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/27/2024
Supervised By :Ankita Jodhani 09/27/2024



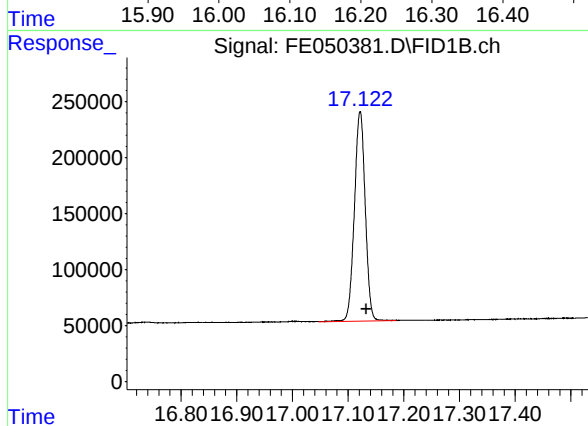
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: -0.010 min
Response: 2416849
Conc: 18.51 ug/ml



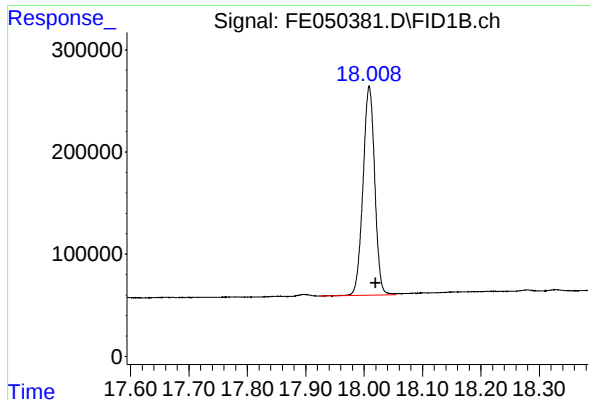
#15 n-Hexacosane (C26)

R.T.: 16.173 min
Delta R.T.: -0.011 min
Response: 2396657
Conc: 18.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: -0.011 min
Response: 2529179
Conc: 19.64 ug/ml m



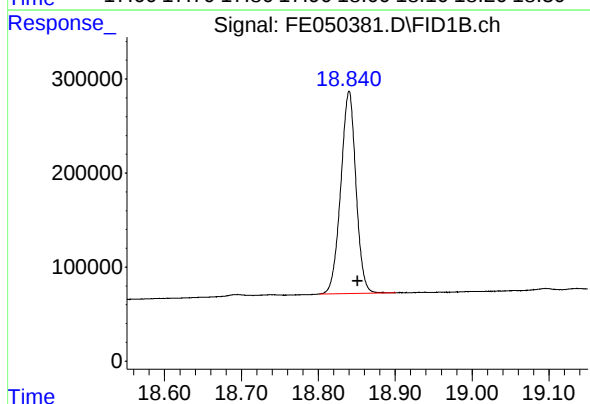
#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: -0.011 min
Response: 2851718
Conc: 21.33 ug/ml

Instrument : FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

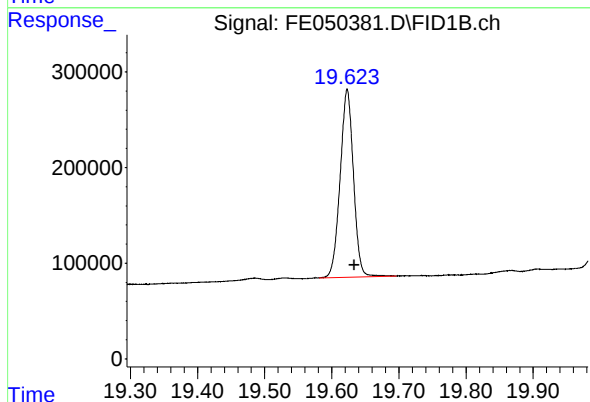
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/27/2024
Supervised By :Ankita Jodhani 09/27/2024



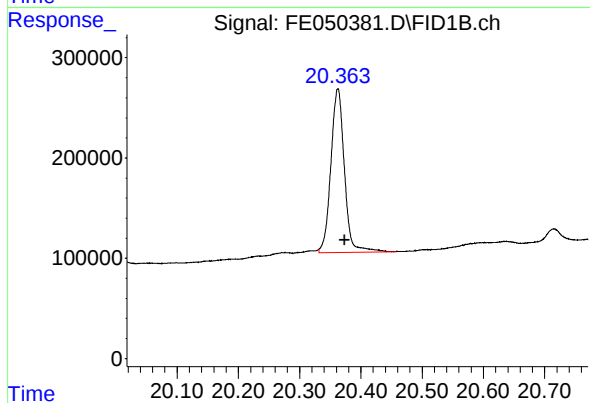
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: -0.011 min
Response: 2942254
Conc: 22.08 ug/ml



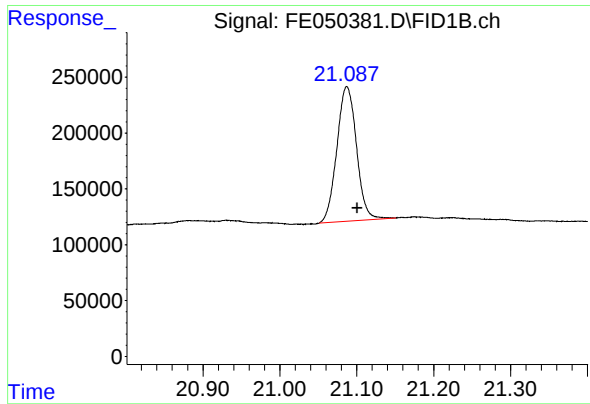
#19 n-Tetratriacontane (C34)

R.T.: 19.623 min
Delta R.T.: -0.011 min
Response: 2706192
Conc: 21.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.363 min
Delta R.T.: -0.011 min
Response: 2514236
Conc: 22.66 ug/ml m



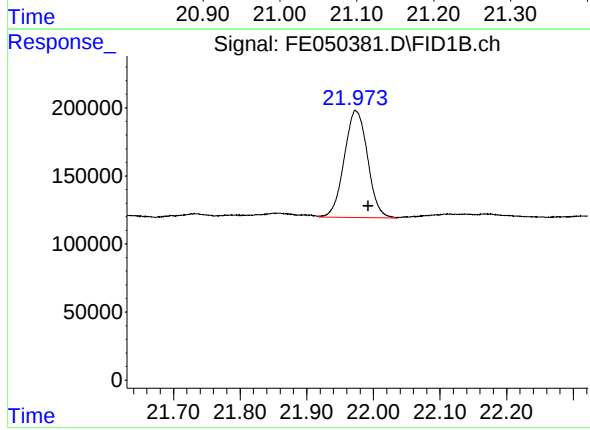
#21 n-Octatriacontane (C38)

R.T.: 21.087 min
Delta R.T.: -0.014 min
Response: 2135286
Conc: 19.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/27/2024
Supervised By :Ankita Jodhani 09/27/2024



#22 n-Tetracontane (C40)

R.T.: 21.973 min
Delta R.T.: -0.020 min
Response: 1907426
Conc: 17.53 ug/ml