

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030323AL\
 Data File : FE040658.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2023 08:30
 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 03/03/2023
 Supervised By :Ankita Jodhani 03/03/2023

Integration File: autoint1.e
 Quant Time: Mar 03 08:54:29 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)	11.883	3490238	18.683 ug/ml
Spiked Amount 50.000		Recovery =	37.37%
12) S 1-chlorooctadecane (S...	13.322	2702624	18.260 ug/ml
Spiked Amount 50.000		Recovery =	36.52%
Target Compounds			
1) T n-Nonane (C9)	3.278	3157631	20.521 ug/ml
2) T n-Decane (C10)	4.525	3106915	20.651 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3411162	20.565 ug/ml
4) T n-Dodecane (C12)	6.689	3158199	20.630 ug/ml
5) T A~2-methylnaphthalene...	7.323	3203452	21.167 ug/ml
6) T n-Tetradecane (C14)	8.517	3174278	20.538 ug/ml
7) T n-Hexadecane (C16)	10.125	3258554	20.174 ug/ml
8) T n-Octadecane (C18)	11.567	3290745	19.381 ug/ml
10) T n-Eicosane (C20)	12.877	3171548	18.748 ug/ml
11) T n-Heneicosane (C21)	13.490	3158241	18.430 ug/ml
13) T n-Docosane (C22)	14.076	3102938	18.113 ug/ml
14) T n-Tetracosane (C24)	15.181	3014039	17.484 ug/ml
15) T n-Hexacosane (C26)	16.202	2898748	17.055 ug/ml
16) T n-Octacosane (C28)	17.153	2867439	17.098 ug/ml
17) T n-Tricontane (C30)	18.041	2889120	17.694 ug/mlm
18) T n-Dotriacontane (C32)	18.875	2945460	17.210 ug/ml
19) T n-Tetratriacontane (C34)	19.660	2840310	18.371 ug/ml
20) T n-Hexatriacontane (C36)	20.402	2713790	18.680 ug/ml
21) T n-Octatriacontane (C38)	21.132	2680967	19.504 ug/mlm
22) T n-Tetracontane (C40)	22.029	2762860	17.880 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030323AL\
Data File : FE040658.D
Signal(s) : FID1B.ch
Acq On : 03 Mar 2023 08:30
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

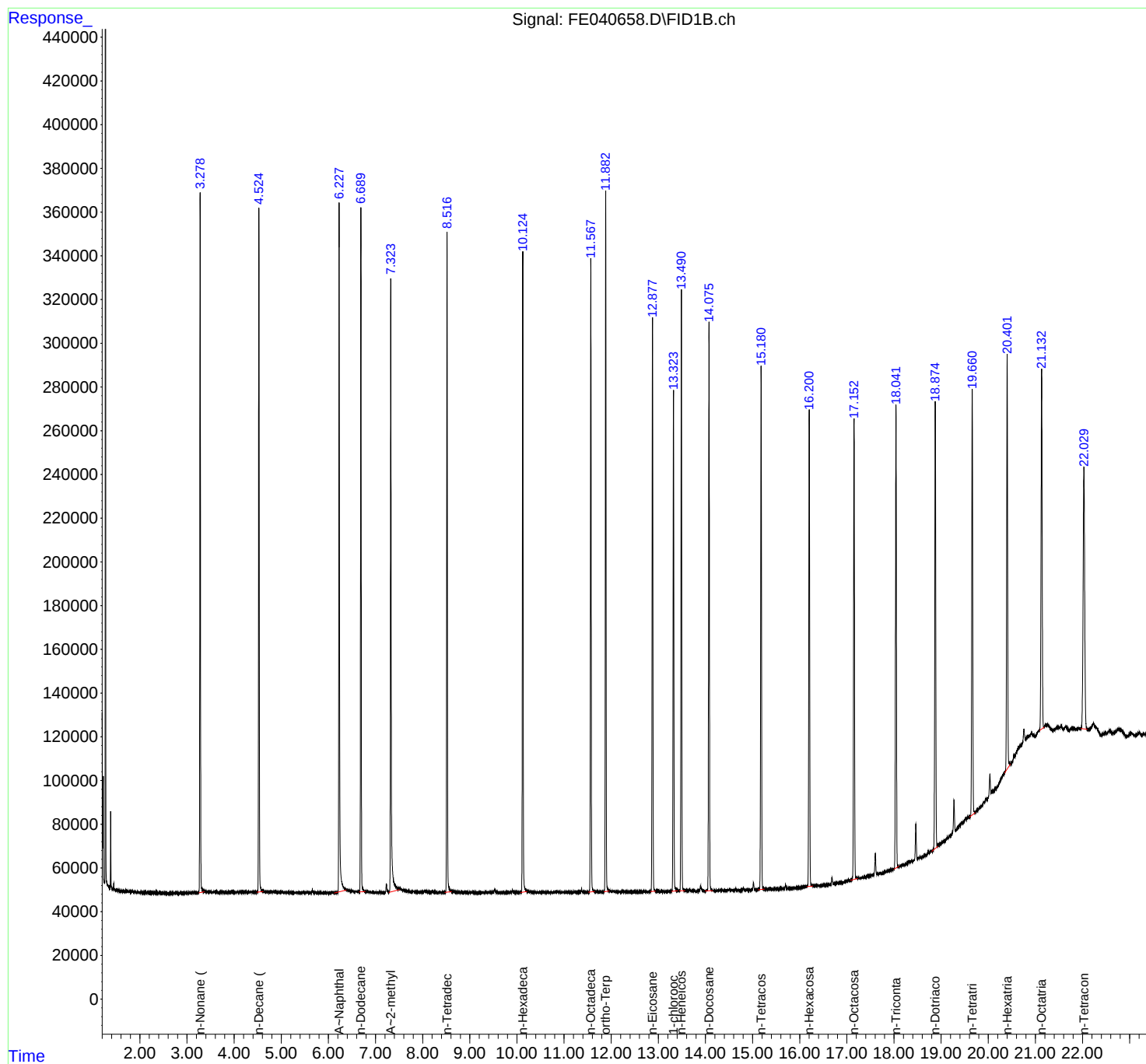
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

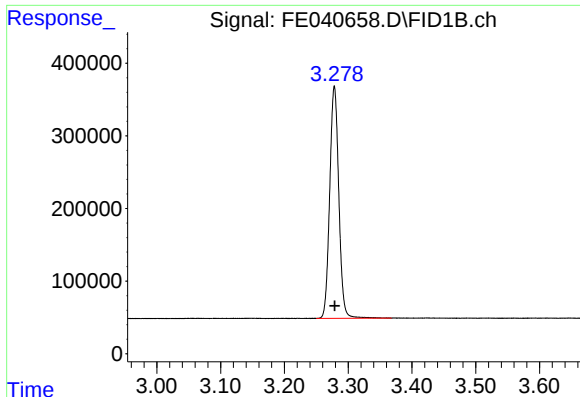
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Mar 03 08:54:29 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





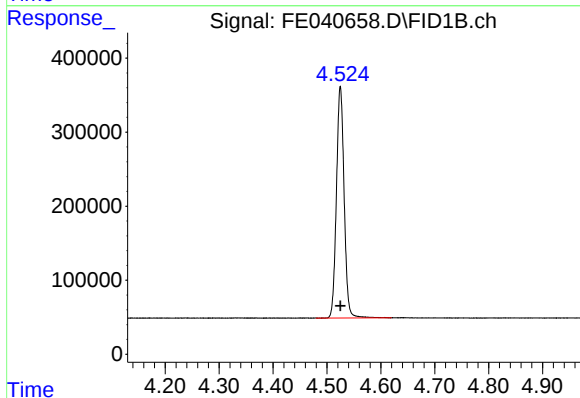
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 3157631
Conc: 20.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

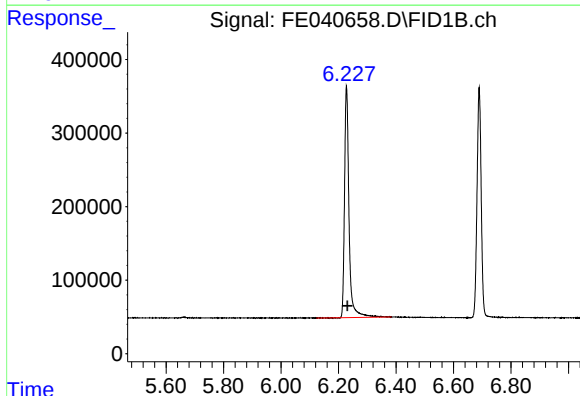
Manual Integrations
APPROVED

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



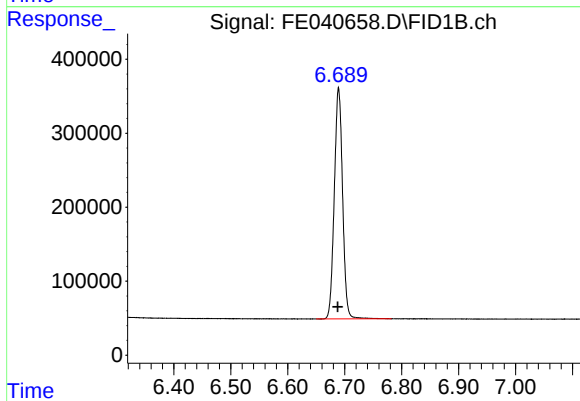
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 3106915
Conc: 20.65 ug/ml



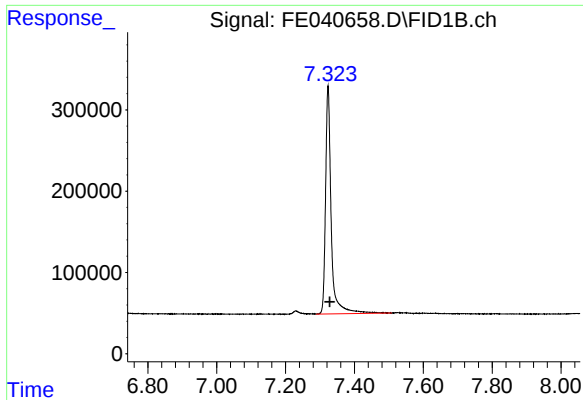
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.004 min
Response: 3411162
Conc: 20.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: 0.002 min
Response: 3158199
Conc: 20.63 ug/ml



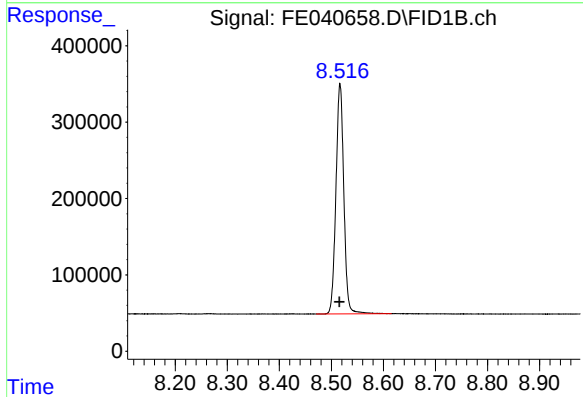
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.323 min
Delta R.T.: -0.005 min
Response: 3203452
Conc: 21.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

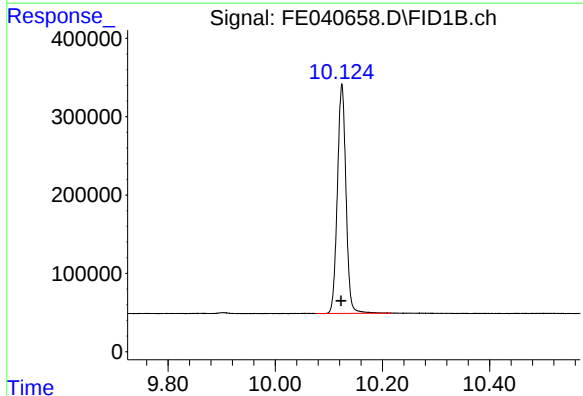
Manual Integrations
APPROVED

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



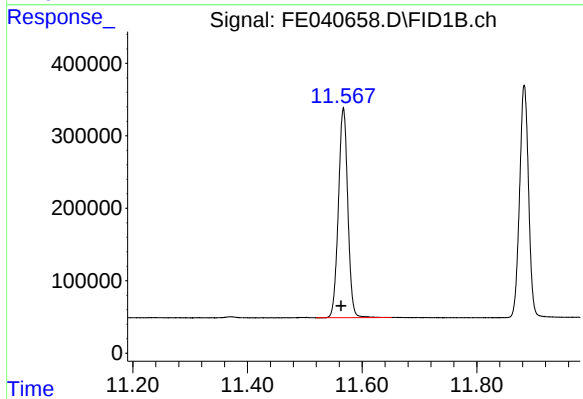
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.001 min
Response: 3174278
Conc: 20.54 ug/ml



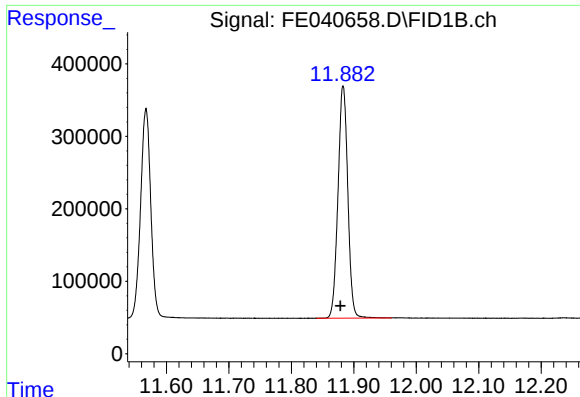
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: 0.002 min
Response: 3258554
Conc: 20.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.567 min
Delta R.T.: 0.004 min
Response: 3290745
Conc: 19.38 ug/ml



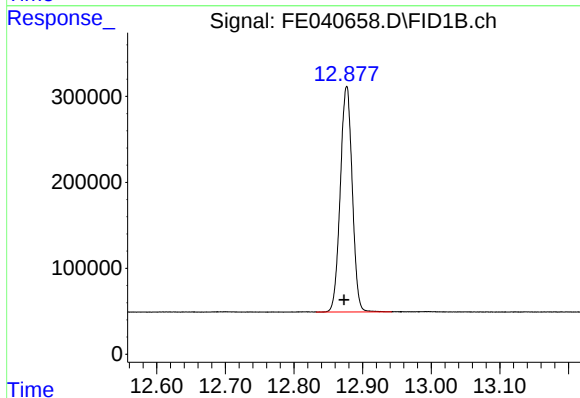
#9 ortho-Terphenyl (SURR)

R.T.: 11.883 min
Delta R.T.: 0.004 min
Response: 3490238
Conc: 18.68 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

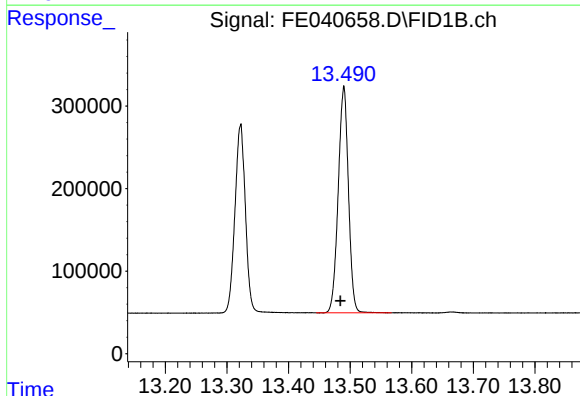
Manual Integrations
APPROVED

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



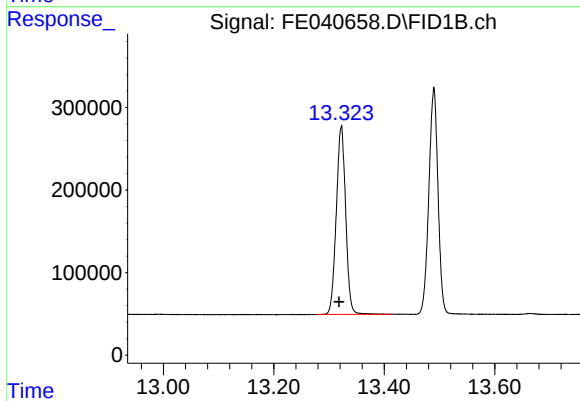
#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: 0.004 min
Response: 3171548
Conc: 18.75 ug/ml



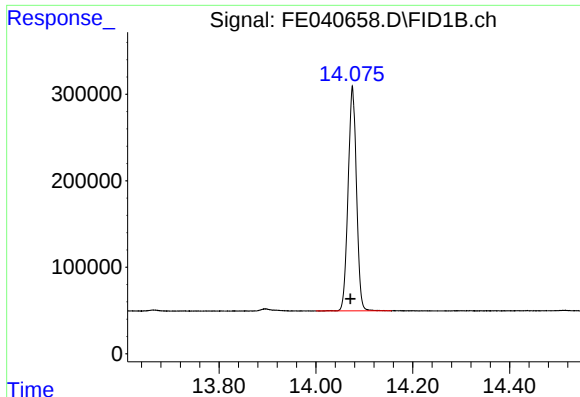
#11 n-Heneicosane (C21)

R.T.: 13.490 min
Delta R.T.: 0.006 min
Response: 3158241
Conc: 18.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.322 min
Delta R.T.: 0.004 min
Response: 2702624
Conc: 18.26 ug/ml



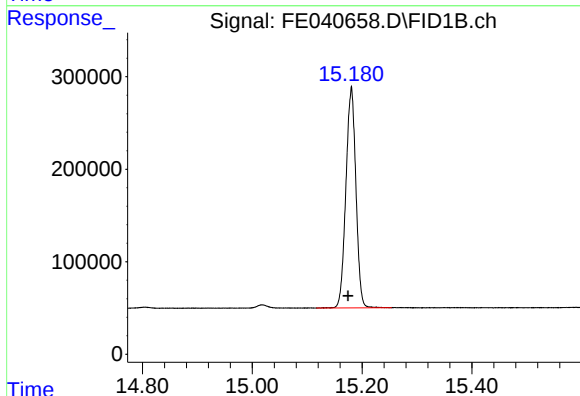
#13 n-Docosane (C22)

R.T.: 14.076 min
Delta R.T.: 0.004 min
Response: 3102938
Conc: 18.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

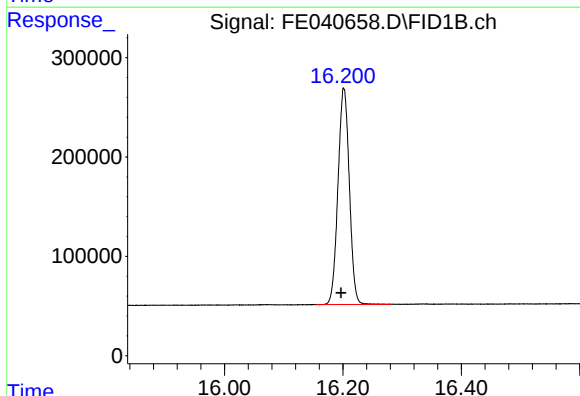
Manual Integrations
APPROVED

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



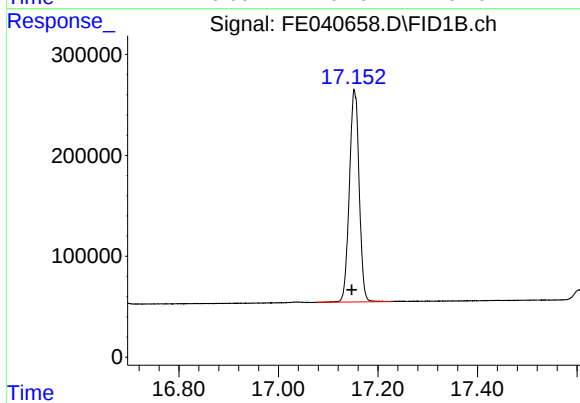
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: 0.006 min
Response: 3014039
Conc: 17.48 ug/ml



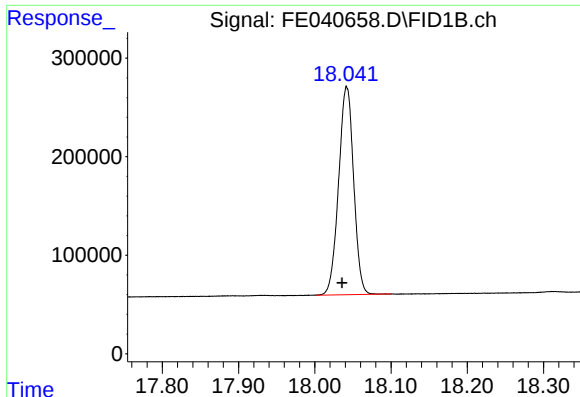
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: 0.005 min
Response: 2898748
Conc: 17.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.153 min
Delta R.T.: 0.005 min
Response: 2867439
Conc: 17.10 ug/ml



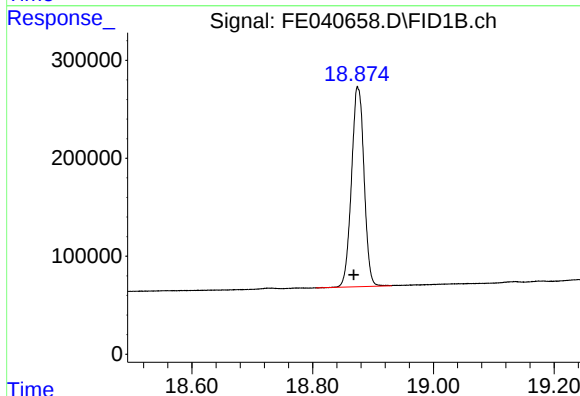
#17 n-Tricontane (C30)

R.T.: 18.041 min
Delta R.T.: 0.005 min
Response: 2889120
Conc: 17.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

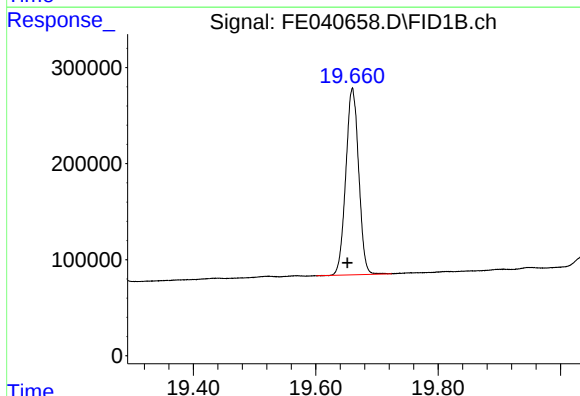
Manual Integrations
APPROVED

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



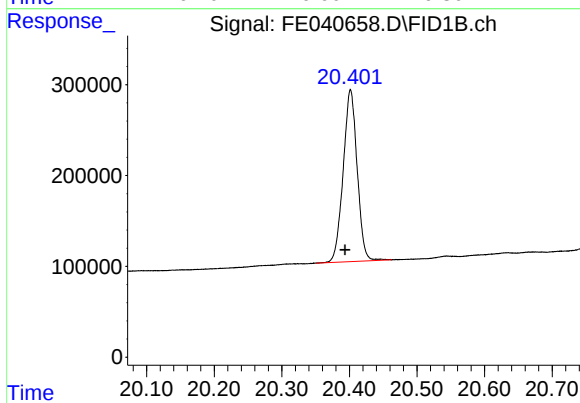
#18 n-Dotriacontane (C32)

R.T.: 18.875 min
Delta R.T.: 0.007 min
Response: 2945460
Conc: 17.21 ug/ml



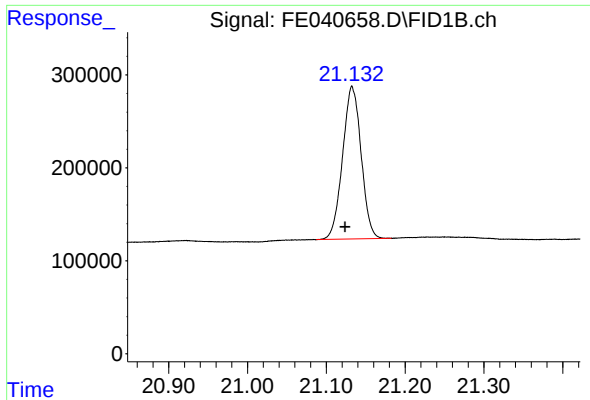
#19 n-Tetratriacontane (C34)

R.T.: 19.660 min
Delta R.T.: 0.008 min
Response: 2840310
Conc: 18.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.402 min
Delta R.T.: 0.008 min
Response: 2713790
Conc: 18.68 ug/ml



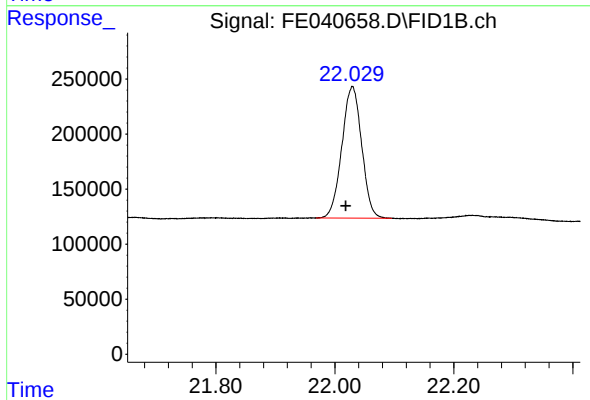
#21 n-Octatriacontane (C38)

R.T.: 21.132 min
Delta R.T.: 0.008 min
Response: 2680967
Conc: 19.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

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



#22 n-Tetracontane (C40)

R.T.: 22.029 min
Delta R.T.: 0.010 min
Response: 2762860
Conc: 17.88 ug/ml m