

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091224AL\
 Data File : FE050058.D
 Signal(s) : FID1B.ch
 Acq On : 12 Sep 2024 00:00
 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 09/12/2024
 Supervised By :Ankita Jodhani 09/12/2024

Integration File: sample.E
 Quant Time: Sep 12 03:18:58 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)	11.874	3102575	20.853 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
12) S 1-chlorooctadecane (S...	13.309	2347241	20.896 ug/ml
Spiked Amount 50.000		Recovery =	41.79%
Target Compounds			
1) T n-Nonane (C9)	3.264	2790665	20.588 ug/ml
2) T n-Decane (C10)	4.514	2868495	20.784 ug/ml
3) T A~Naphthalene (C11.7)	6.223	2953725	21.103 ug/ml
4) T n-Dodecane (C12)	6.681	2886693	20.875 ug/ml
5) T A~2-methylnaphthalene...	7.318	2777693	21.133 ug/ml
6) T n-Tetradecane (C14)	8.508	2841178	20.865 ug/ml
7) T n-Hexadecane (C16)	10.114	2912442	20.967 ug/ml
8) T n-Octadecane (C18)	11.556	2928287	20.901 ug/ml
10) T n-Eicosane (C20)	12.864	2795717	20.841 ug/ml
11) T n-Heneicosane (C21)	13.475	2744553	20.887 ug/ml
13) T n-Docosane (C22)	14.061	2727744	20.948 ug/ml
14) T n-Tetracosane (C24)	15.161	2742545	21.001 ug/ml
15) T n-Hexacosane (C26)	16.181	2681711	20.961 ug/ml
16) T n-Octacosane (C28)	17.130	2711216	21.048 ug/ml
17) T n-Tricontane (C30)	18.016	2813607	21.041 ug/ml
18) T n-Dotriacontane (C32)	18.847	2798302	20.999 ug/ml
19) T n-Tetratriacontane (C34)	19.630	2556978	20.694 ug/ml
20) T n-Hexatriacontane (C36)	20.367	2372520	21.384 ug/mlm
21) T n-Octatriacontane (C38)	21.096	2287806	20.746 ug/ml
22) T n-Tetracontane (C40)	21.988	2219962	20.401 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091224AL\
Data File : FE050058.D
Signal(s) : FID1B.ch
Acq On : 12 Sep 2024 00:00
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

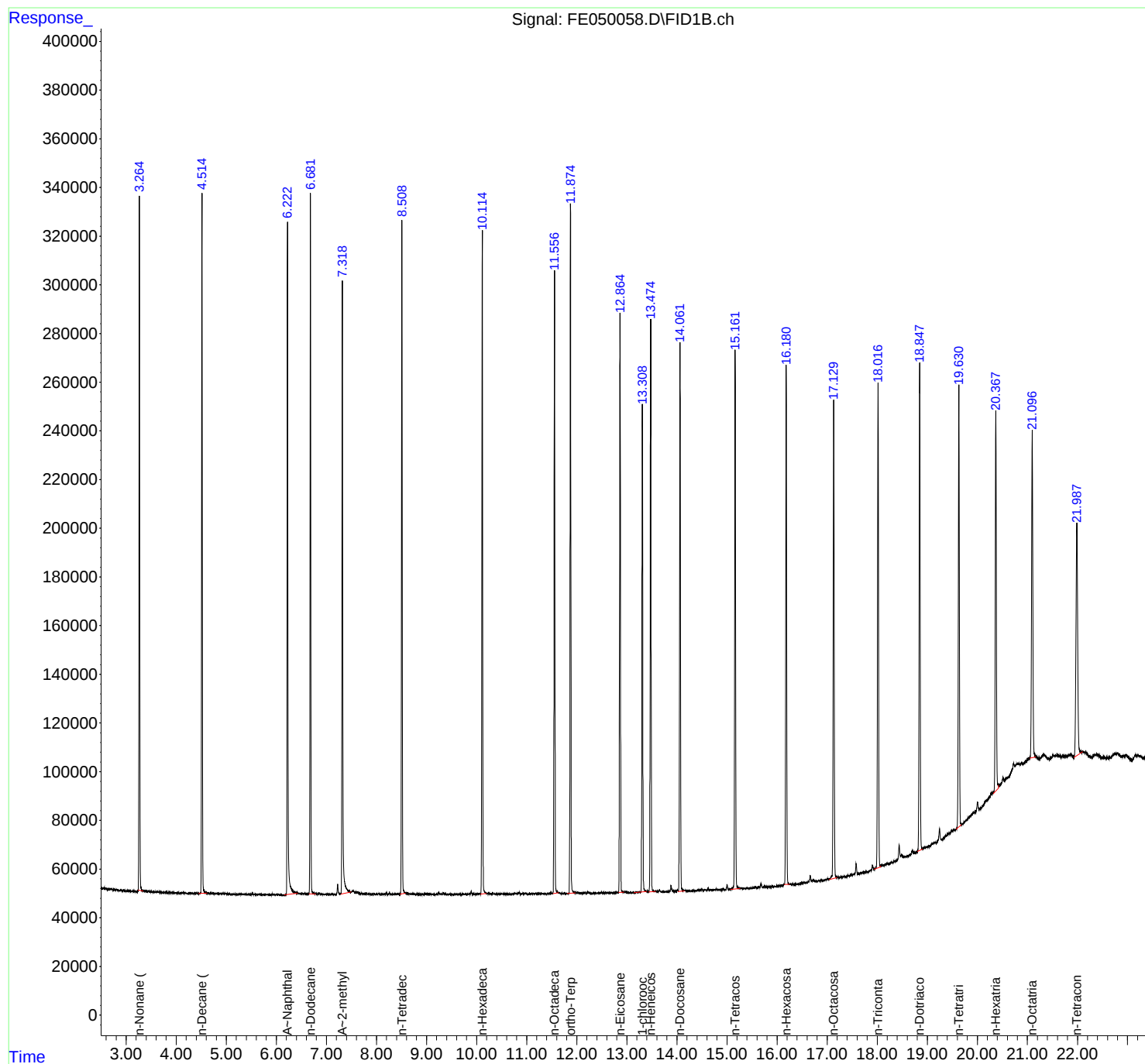
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

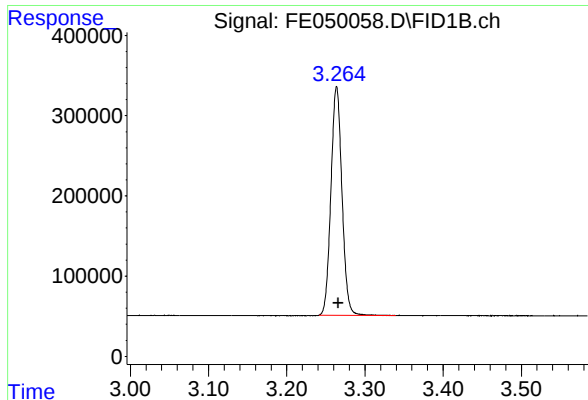
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2024
Supervised By :Ankita Jodhani 09/12/2024

Integration File: sample.E
Quant Time: Sep 12 03:18:58 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





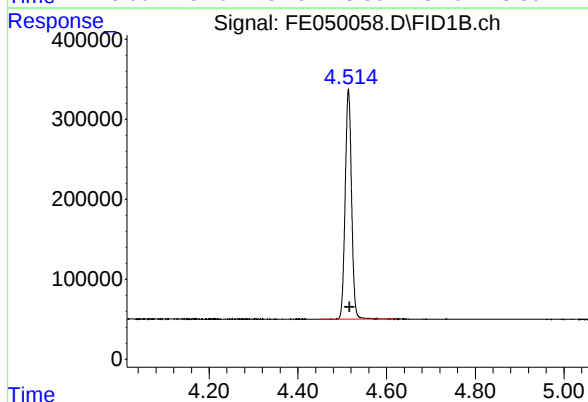
#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: -0.002 min
Response: 2790665
Conc: 20.59 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

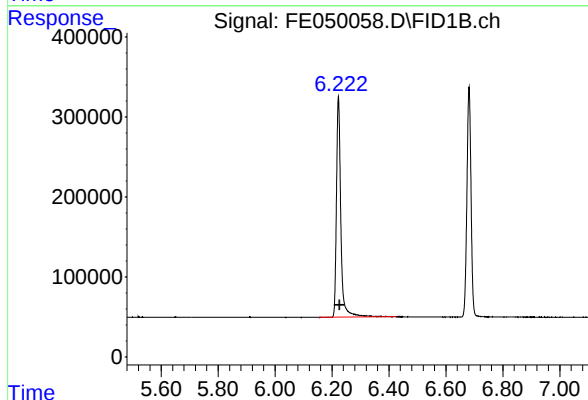
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2024
Supervised By :Ankita Jodhani 09/12/2024



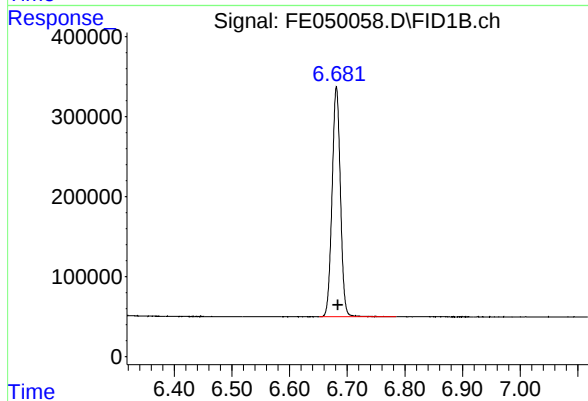
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 2868495
Conc: 20.78 ug/ml



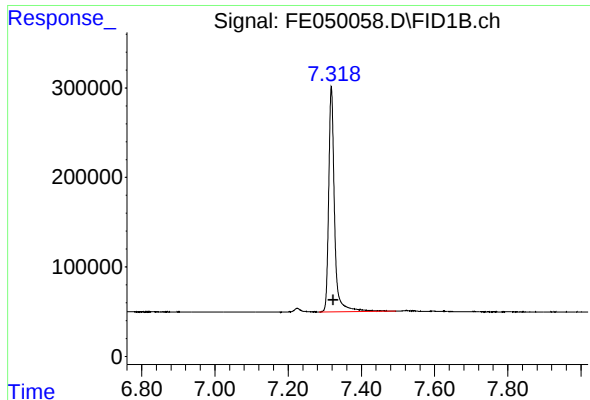
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.004 min
Response: 2953725
Conc: 21.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.681 min
Delta R.T.: -0.003 min
Response: 2886693
Conc: 20.88 ug/ml



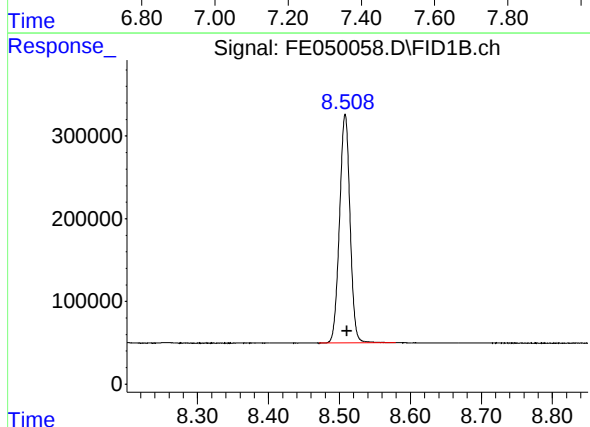
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.318 min
Delta R.T.: -0.005 min
Response: 2777693
Conc: 21.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

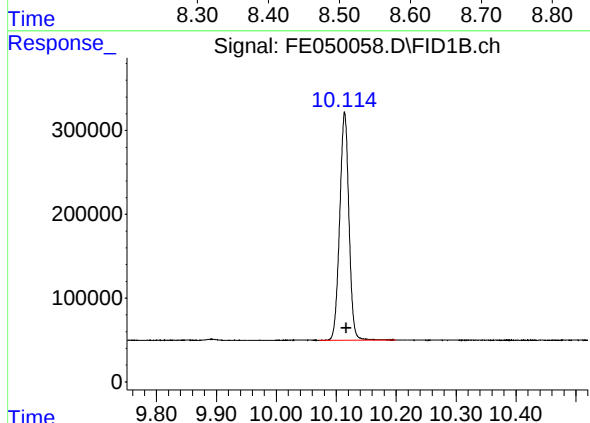
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2024
Supervised By :Ankita Jodhani 09/12/2024



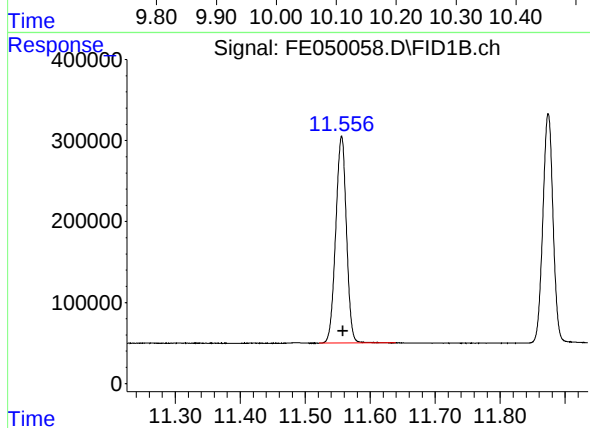
#6 n-Tetradecane (C14)

R.T.: 8.508 min
Delta R.T.: -0.003 min
Response: 2841178
Conc: 20.86 ug/ml



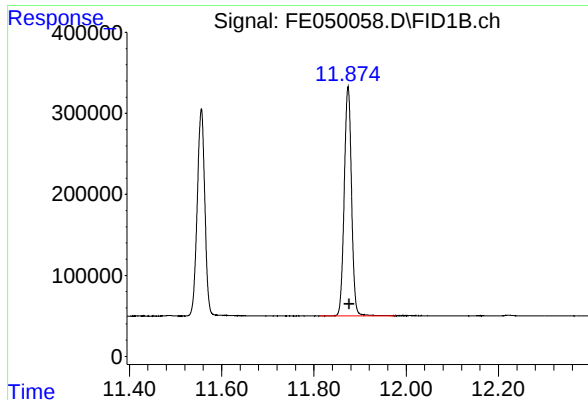
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.003 min
Response: 2912442
Conc: 20.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: -0.003 min
Response: 2928287
Conc: 20.90 ug/ml



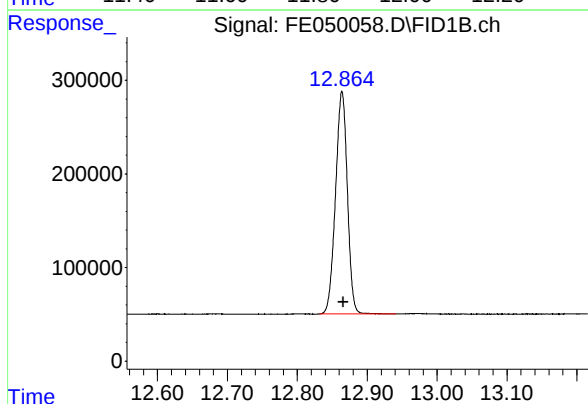
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: -0.002 min
Response: 3102575
Conc: 20.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

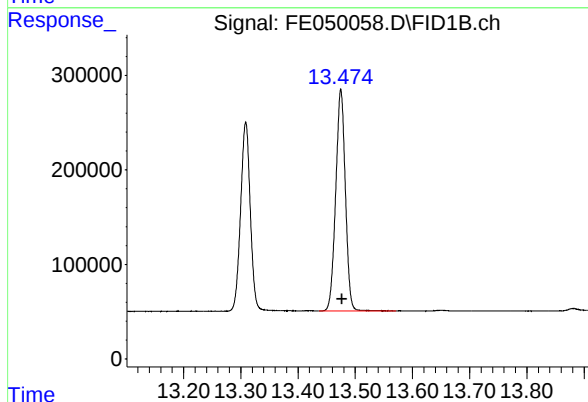
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2024
Supervised By :Ankita Jodhani 09/12/2024



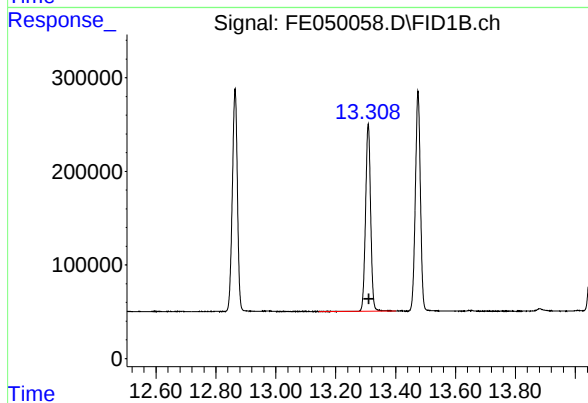
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.002 min
Response: 2795717
Conc: 20.84 ug/ml



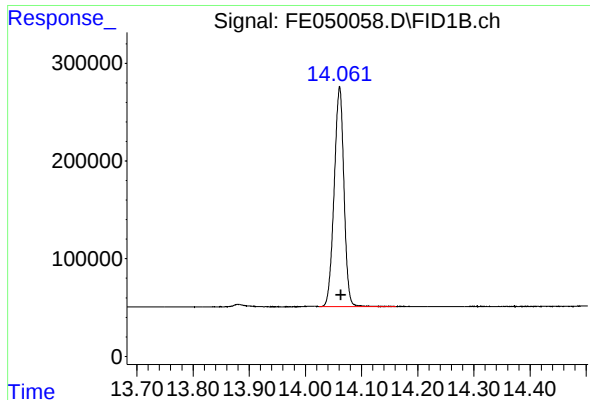
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: -0.002 min
Response: 2744553
Conc: 20.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.003 min
Response: 2347241
Conc: 20.90 ug/ml



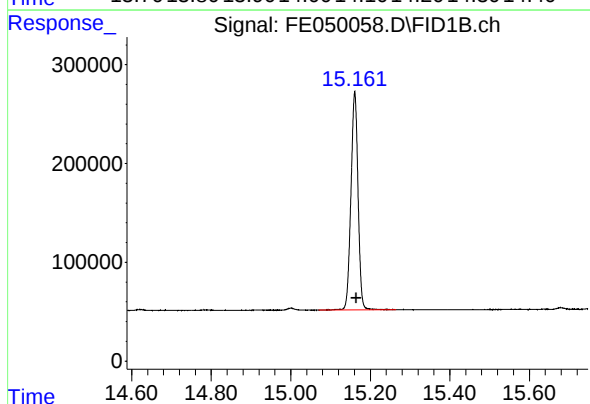
#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: -0.002 min
Response: 2727744
Conc: 20.95 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

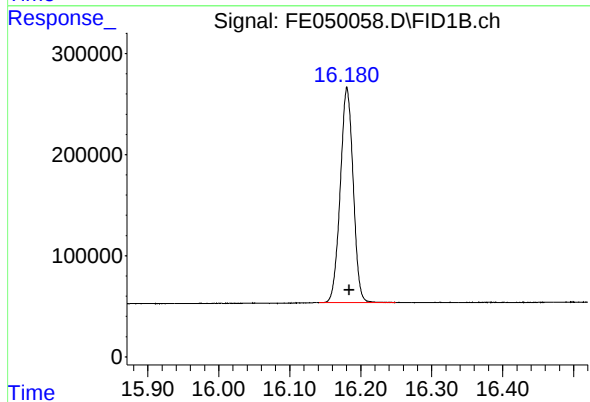
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2024
Supervised By :Ankita Jodhani 09/12/2024



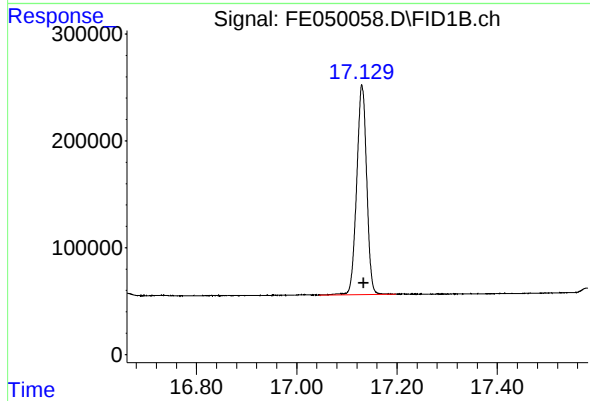
#14 n-Tetracosane (C24)

R.T.: 15.161 min
Delta R.T.: -0.003 min
Response: 2742545
Conc: 21.00 ug/ml



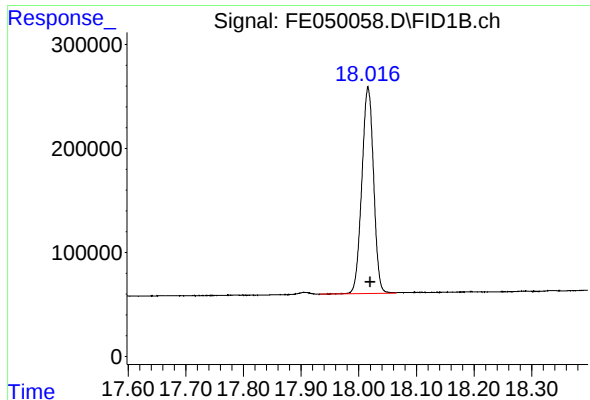
#15 n-Hexacosane (C26)

R.T.: 16.181 min
Delta R.T.: -0.003 min
Response: 2681711
Conc: 20.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.130 min
Delta R.T.: -0.003 min
Response: 2711216
Conc: 21.05 ug/ml



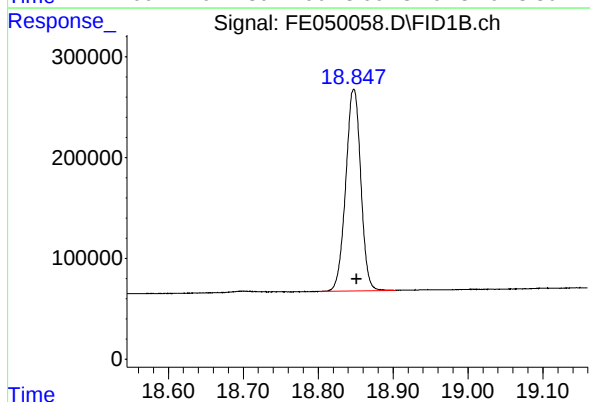
#17 n-Tricontane (C30)

R.T.: 18.016 min
Delta R.T.: -0.004 min
Response: 2813607
Conc: 21.04 ug/ml

Instrument : FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

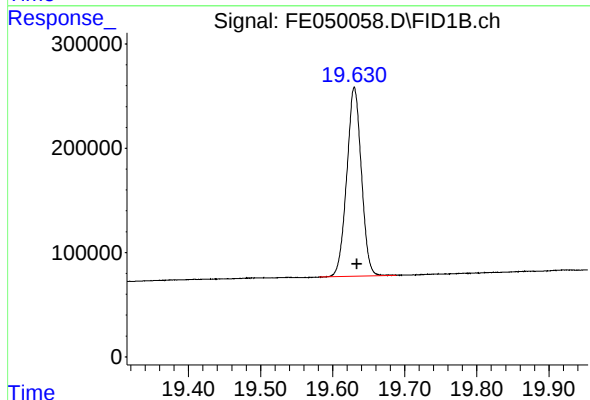
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2024
Supervised By :Ankita Jodhani 09/12/2024



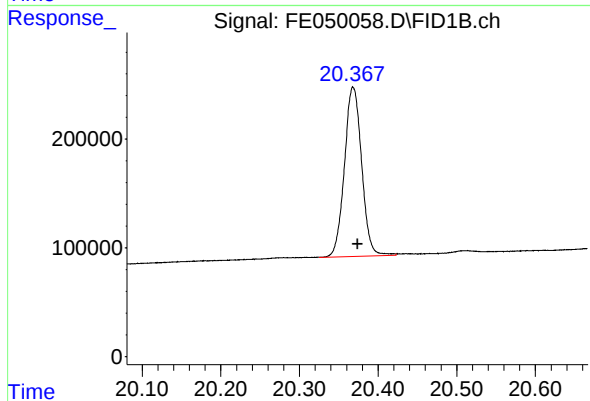
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: -0.004 min
Response: 2798302
Conc: 21.00 ug/ml



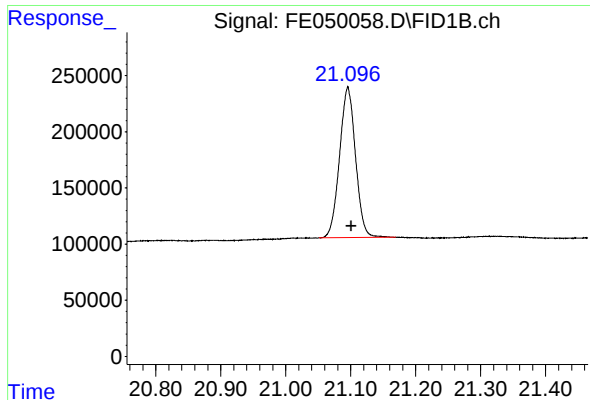
#19 n-Tetatriacontane (C34)

R.T.: 19.630 min
Delta R.T.: -0.003 min
Response: 2556978
Conc: 20.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.367 min
Delta R.T.: -0.006 min
Response: 2372520
Conc: 21.38 ug/ml m



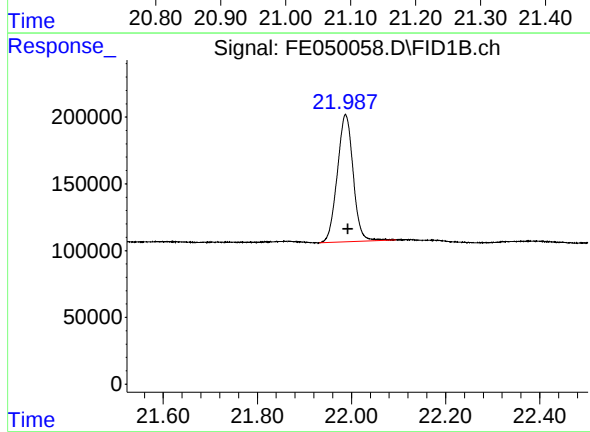
#21 n-Octatriacontane (C38)

R.T.: 21.096 min
Delta R.T.: -0.005 min
Response: 2287806
Conc: 20.75 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2024
Supervised By :Ankita Jodhani 09/12/2024



#22 n-Tetracontane (C40)

R.T.: 21.988 min
Delta R.T.: -0.005 min
Response: 2219962
Conc: 20.40 ug/ml