

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091624AL\
 Data File : FE050109.D
 Signal(s) : FID1B.ch
 Acq On : 16 Sep 2024 09:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/17/2024
 Supervised By :Ankita Jodhani 09/17/2024

Integration File: autoint1.e
 Quant Time: Sep 17 01:37:53 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)	11.879	3272951	21.999 ug/ml
Spiked Amount 50.000		Recovery =	44.00%
12) S 1-chlorooctadecane (S...	13.313	2465086	21.946 ug/ml
Spiked Amount 50.000		Recovery =	43.89%
Target Compounds			
1) T n-Nonane (C9)	3.266	2959519	21.834 ug/ml
2) T n-Decane (C10)	4.516	3043339	22.051 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3144190	22.463 ug/ml
4) T n-Dodecane (C12)	6.684	3050191	22.058 ug/ml
5) T A~2-methylnaphthalene...	7.323	2961990	22.535 ug/ml
6) T n-Tetradecane (C14)	8.511	3015637	22.146 ug/ml
7) T n-Hexadecane (C16)	10.118	3092415	22.263 ug/ml
8) T n-Octadecane (C18)	11.559	3099760	22.125 ug/ml
10) T n-Eicosane (C20)	12.867	2956322	22.038 ug/ml
11) T n-Heneicosane (C21)	13.479	2897963	22.055 ug/ml
13) T n-Docosane (C22)	14.064	2870405	22.043 ug/ml
14) T n-Tetracosane (C24)	15.167	2868897	21.969 ug/ml
15) T n-Hexacosane (C26)	16.186	2833605	22.148 ug/ml
16) T n-Octacosane (C28)	17.135	2870375	22.284 ug/ml
17) T n-Tricontane (C30)	18.021	3031926	22.674 ug/ml
18) T n-Dotriacontane (C32)	18.854	3071470	23.049 ug/ml
19) T n-Tetratriacontane (C34)	19.635	2925331	23.675 ug/ml
20) T n-Hexatriacontane (C36)	20.374	2654561	23.926 ug/ml
21) T n-Octatriacontane (C38)	21.102	2422686	21.969 ug/ml
22) T n-Tetracontane (C40)	21.996	2238128	20.568 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091624AL\
Data File : FE050109.D
Signal(s) : FID1B.ch
Acq On : 16 Sep 2024 09:19
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 6 Sample Multiplier: 1

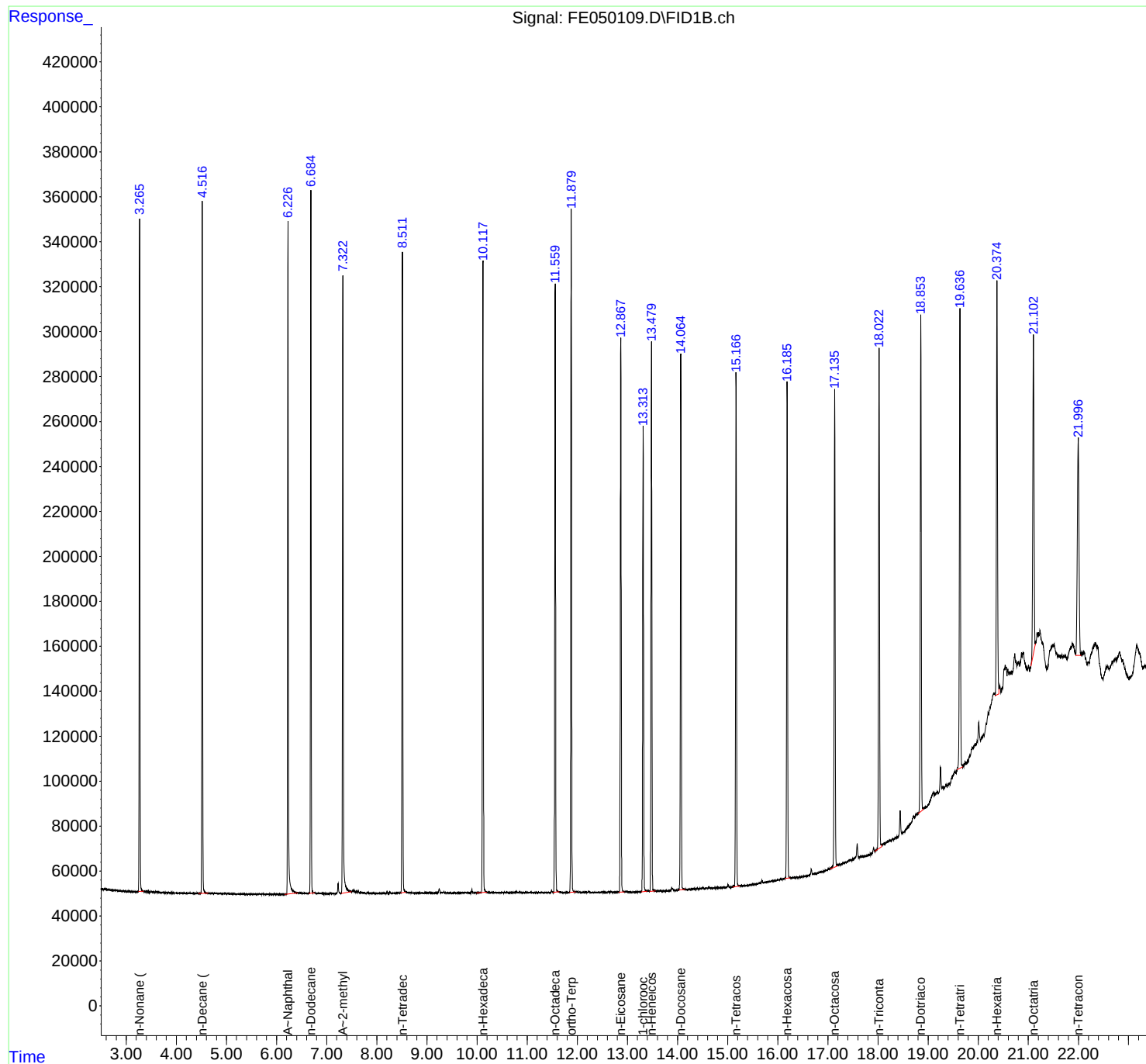
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

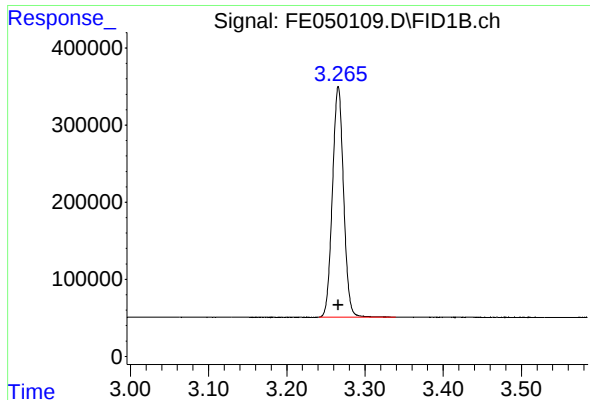
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/17/2024
Supervised By :Ankita Jodhani 09/17/2024

Integration File: autoint1.e
Quant Time: Sep 17 01:37:53 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





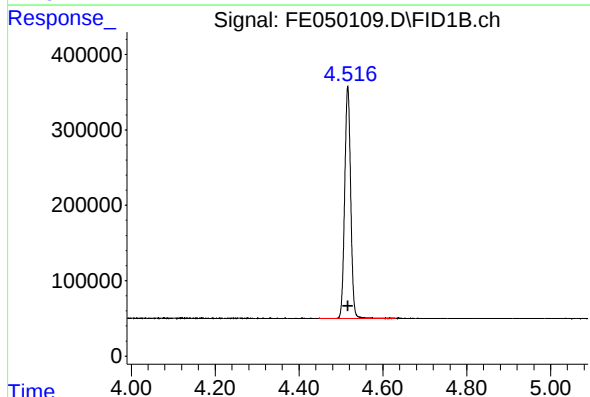
#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.000 min
Response: 2959519
Conc: 21.83 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

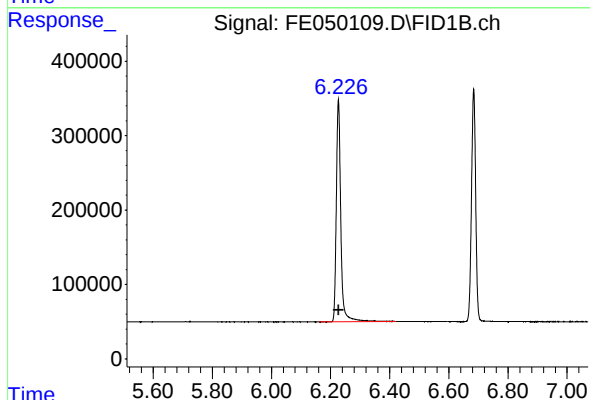
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/17/2024
Supervised By :Ankita Jodhani 09/17/2024



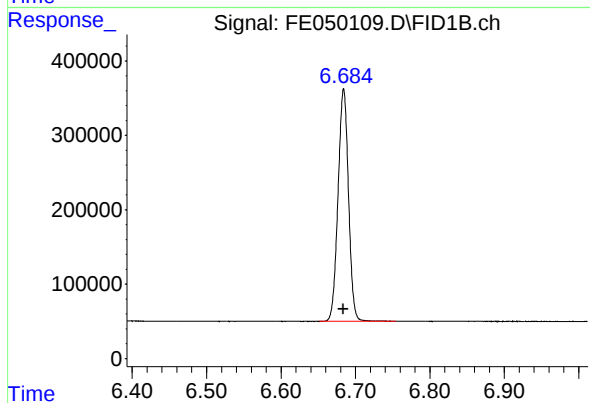
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 3043339
Conc: 22.05 ug/ml



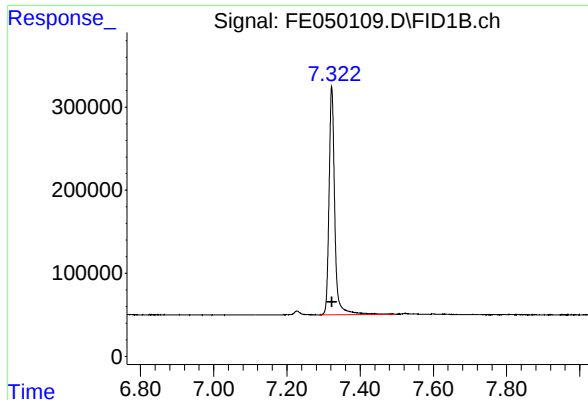
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 3144190
Conc: 22.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 3050191
Conc: 22.06 ug/ml



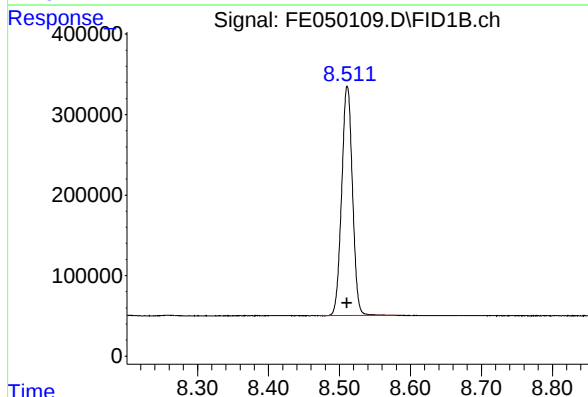
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 2961990
Conc: 22.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

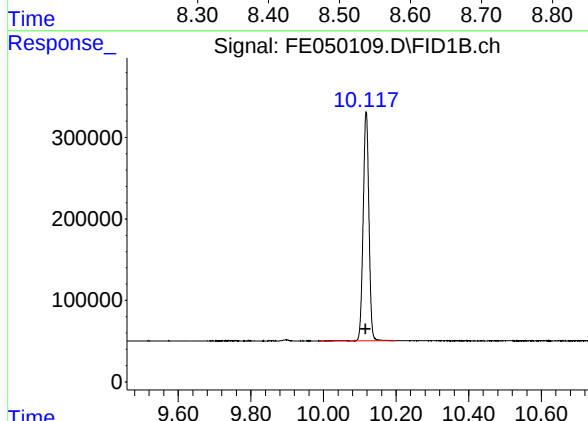
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/17/2024
Supervised By :Ankita Jodhani 09/17/2024



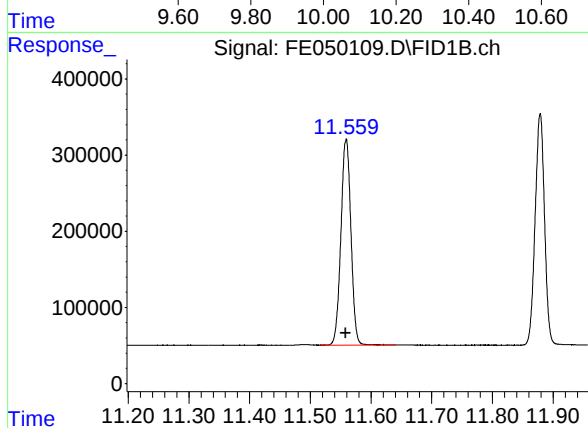
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 3015637
Conc: 22.15 ug/ml



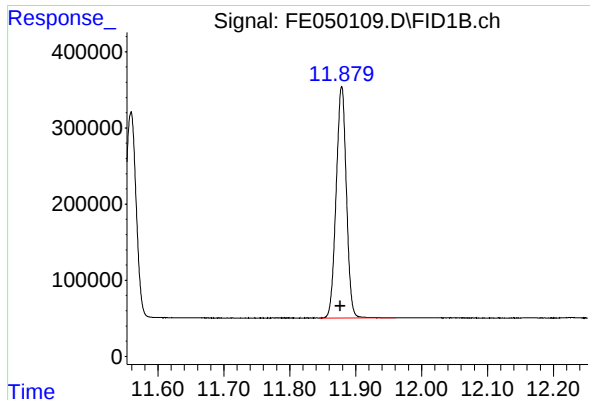
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: 0.000 min
Response: 3092415
Conc: 22.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: 0.000 min
Response: 3099760
Conc: 22.13 ug/ml



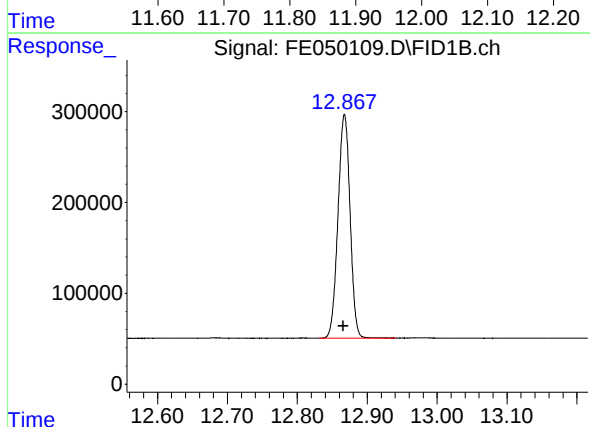
#9 ortho-Terphenyl (SURR)

R.T.: 11.879 min
Delta R.T.: 0.002 min
Response: 3272951
Conc: 22.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

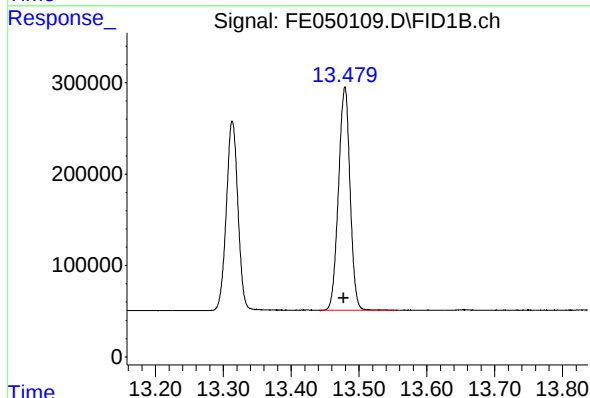
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/17/2024
Supervised By :Ankita Jodhani 09/17/2024



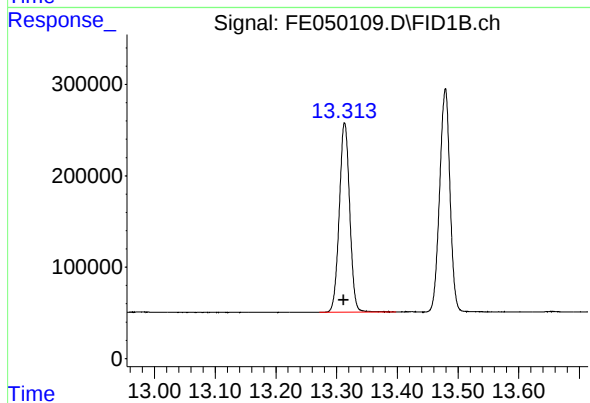
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.002 min
Response: 2956322
Conc: 22.04 ug/ml



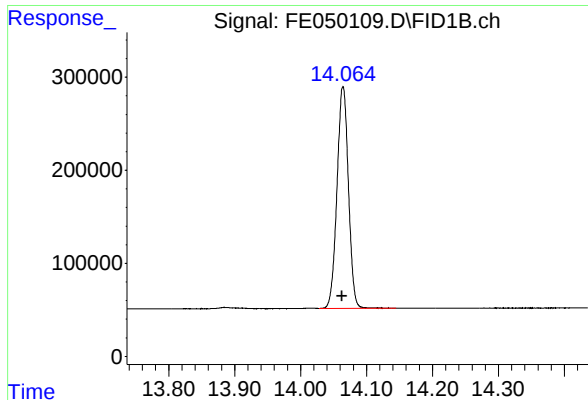
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: 0.002 min
Response: 2897963
Conc: 22.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: 0.002 min
Response: 2465086
Conc: 21.95 ug/ml



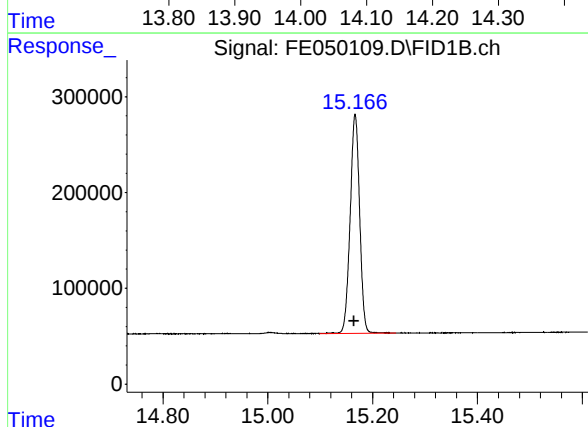
#13 n-Docosane (C22)

R.T.: 14.064 min
Delta R.T.: 0.001 min
Response: 2870405
Conc: 22.04 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

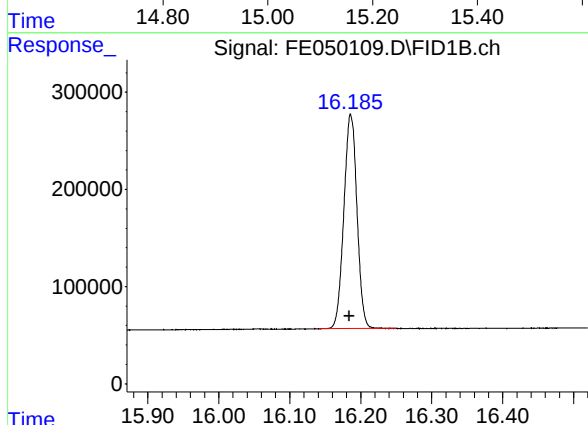
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/17/2024
Supervised By :Ankita Jodhani 09/17/2024



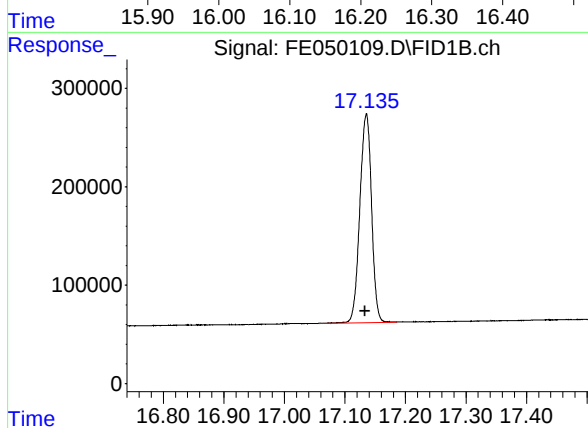
#14 n-Tetracosane (C24)

R.T.: 15.167 min
Delta R.T.: 0.002 min
Response: 2868897
Conc: 21.97 ug/ml



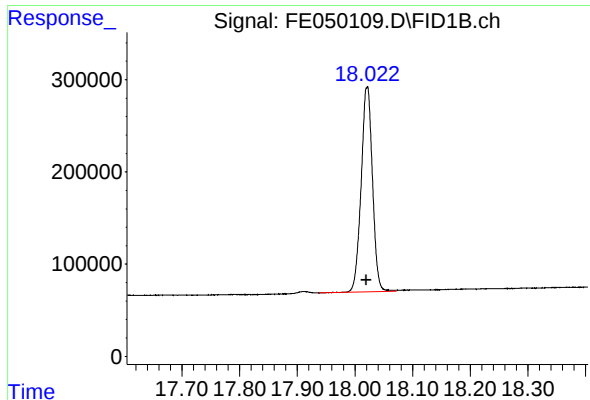
#15 n-Hexacosane (C26)

R.T.: 16.186 min
Delta R.T.: 0.002 min
Response: 2833605
Conc: 22.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.135 min
Delta R.T.: 0.002 min
Response: 2870375
Conc: 22.28 ug/ml m



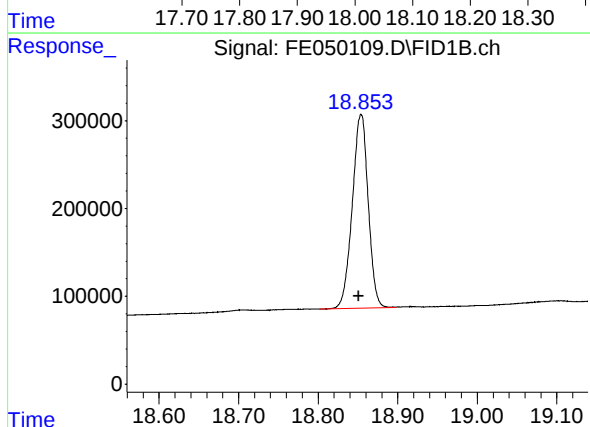
#17 n-Tricontane (C30)

R.T.: 18.021 min
Delta R.T.: 0.001 min
Response: 3031926
Conc: 22.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

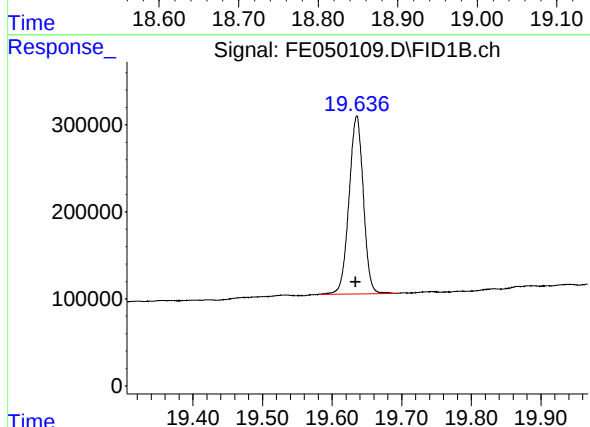
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/17/2024
Supervised By :Ankita Jodhani 09/17/2024



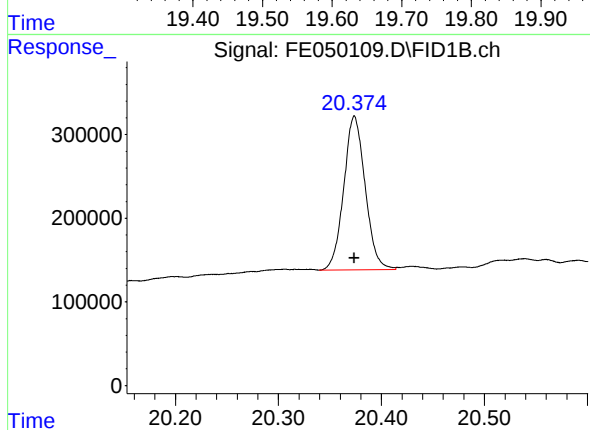
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: 0.003 min
Response: 3071470
Conc: 23.05 ug/ml



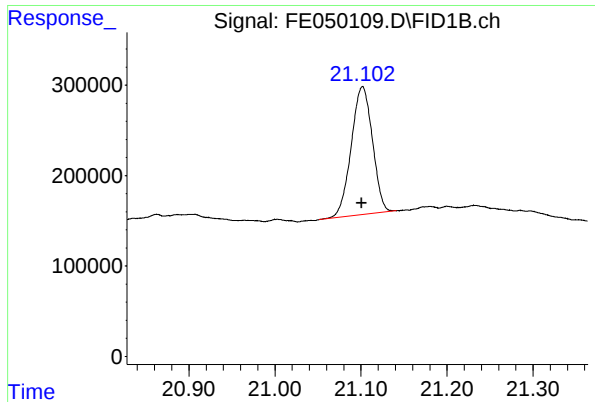
#19 n-Tetratriacontane (C34)

R.T.: 19.635 min
Delta R.T.: 0.002 min
Response: 2925331
Conc: 23.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: 0.000 min
Response: 2654561
Conc: 23.93 ug/ml m



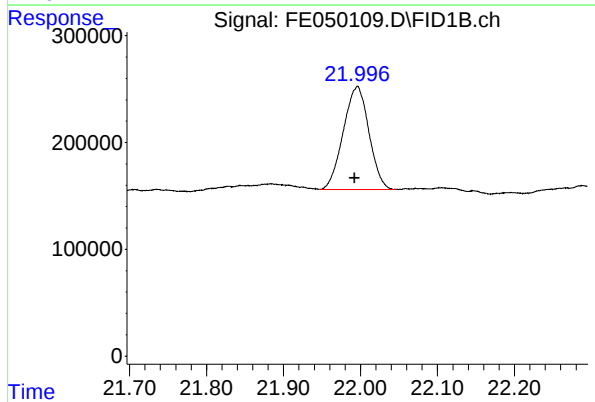
#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: 0.000 min
Response: 2422686
Conc: 21.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/17/2024
Supervised By :Ankita Jodhani 09/17/2024



#22 n-Tetracontane (C40)

R.T.: 21.996 min
Delta R.T.: 0.003 min
Response: 2238128
Conc: 20.57 ug/ml m