

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021323AL\
 Data File : FE040337.D
 Signal(s) : FID1B.ch
 Acq On : 13 Feb 2023 22:39
 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 :Ankita Jodhani 02/14/2023
 Supervised By :Sohil Jodhani 02/14/2023

Integration File: autoint1.e
 Quant Time: Feb 14 00:51:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.897	3878626	23.963 ug/ml
Spiked Amount 50.000		Recovery =	47.93%
12) S 1-chlorooctadecane (S...	13.335	2960554	23.871 ug/ml
Spiked Amount 50.000		Recovery =	47.74%
Target Compounds			
1) T n-Nonane (C9)	3.287	3304238	24.277 ug/ml
2) T n-Decane (C10)	4.537	3235497	24.351 ug/ml
3) T A~Naphthalene (C11.7)	6.240	3606361	24.642 ug/ml
4) T n-Dodecane (C12)	6.702	3290343	24.438 ug/ml
5) T A~2-methylnaphthalene...	7.335	3357766	24.807 ug/ml
6) T n-Tetradecane (C14)	8.529	3339329	24.230 ug/ml
7) T n-Hexadecane (C16)	10.138	3463754	24.134 ug/ml
8) T n-Octadecane (C18)	11.580	3557518	23.916 ug/ml
10) T n-Eicosane (C20)	12.890	3484470	23.701 ug/ml
11) T n-Heneicosane (C21)	13.503	3496647	23.707 ug/ml
13) T n-Docosane (C22)	14.090	3466103	23.393 ug/ml
14) T n-Tetracosane (C24)	15.194	3441574	22.672 ug/ml
15) T n-Hexacosane (C26)	16.217	3312239	22.343 ug/ml
16) T n-Octacosane (C28)	17.167	3252196	21.701 ug/ml
17) T n-Tricontane (C30)	18.057	3118708	21.137 ug/ml
18) T n-Dotriacontane (C32)	18.891	3087617	21.082 ug/ml
19) T n-Tetratriacontane (C34)	19.675	3038621	22.092 ug/ml
20) T n-Hexatriacontane (C36)	20.417	2925334	22.054 ug/ml
21) T n-Octatriacontane (C38)	21.152	2982987	22.994 ug/mlm
22) T n-Tetracontane (C40)	22.054	3039043	22.889 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021323AL\
Data File : FE040337.D
Signal(s) : FID1B.ch
Acq On : 13 Feb 2023 22:39
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

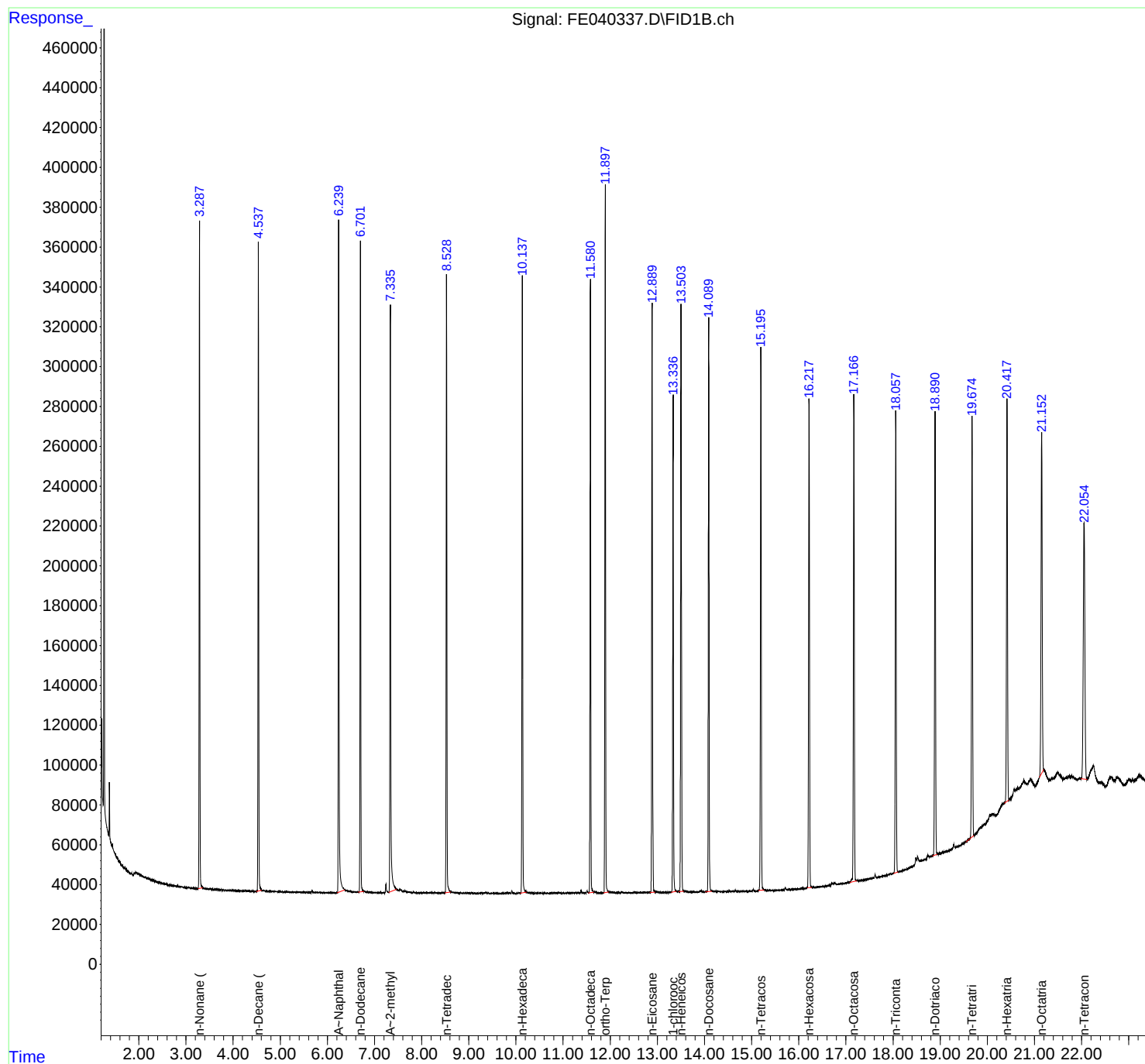
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

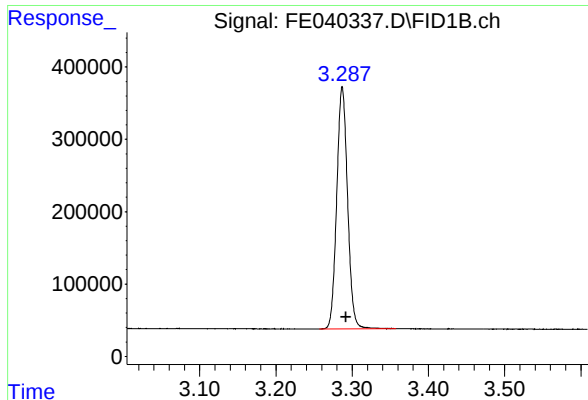
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/14/2023
Supervised By :Sohil Jodhani 02/14/2023

Integration File: autoint1.e
Quant Time: Feb 14 00:51:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.
Quant Title : GC Extractables
QLast Update : Thu Feb 02 04:52:48 2023
Response via : Initial Calibration
Integrator: ChemStation

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





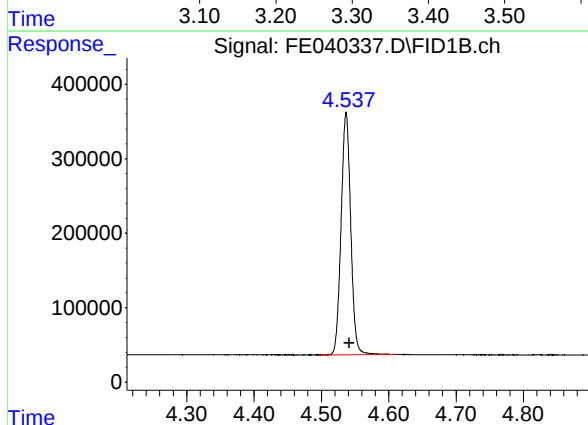
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: -0.005 min
Response: 3304238
Conc: 24.28 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

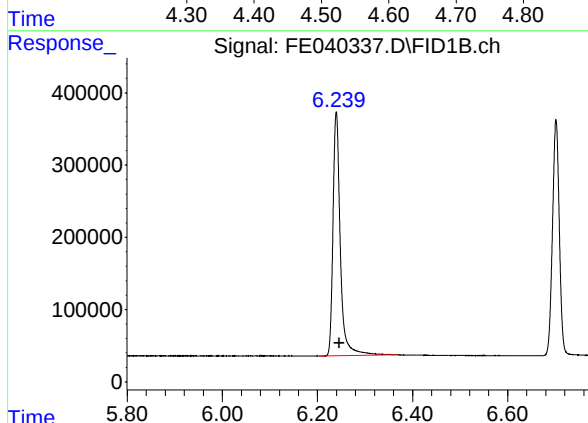
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/14/2023
Supervised By :Sohil Jodhani 02/14/2023



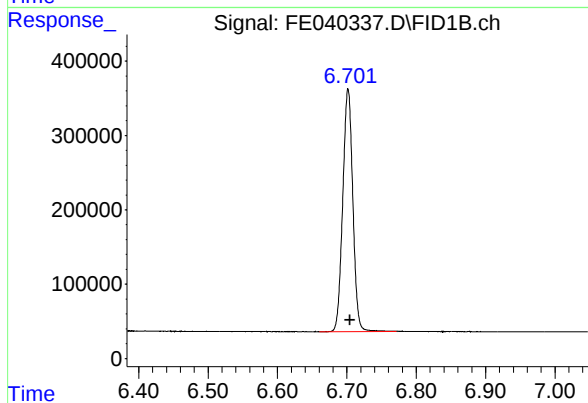
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.004 min
Response: 3235497
Conc: 24.35 ug/ml



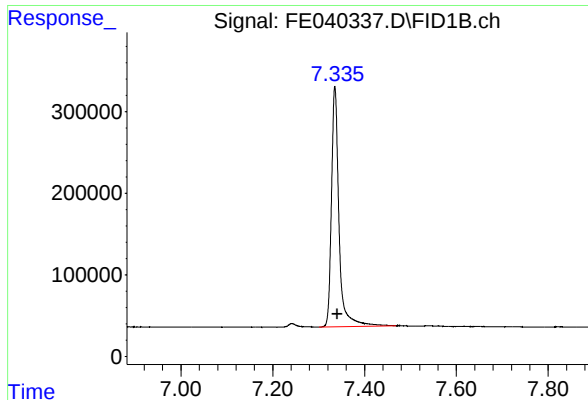
#3 A~Naphthalene (C11.7)

R.T.: 6.240 min
Delta R.T.: -0.006 min
Response: 3606361
Conc: 24.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.003 min
Response: 3290343
Conc: 24.44 ug/ml



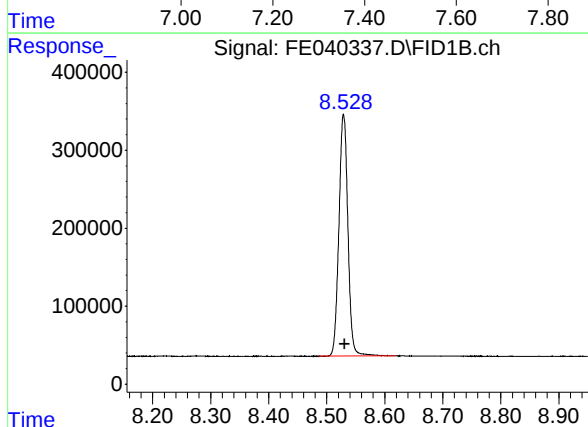
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.335 min
Delta R.T.: -0.005 min
Response: 3357766
Conc: 24.81 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

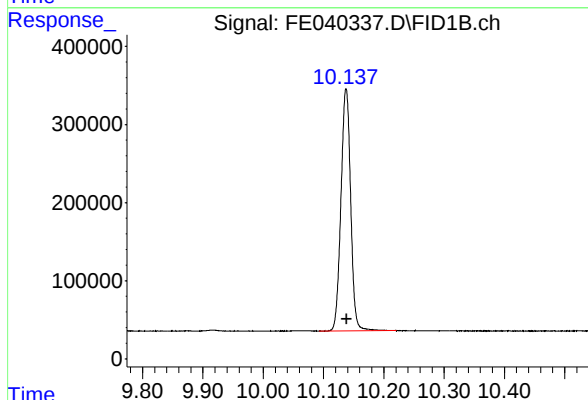
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/14/2023
Supervised By :Sohil Jodhani 02/14/2023



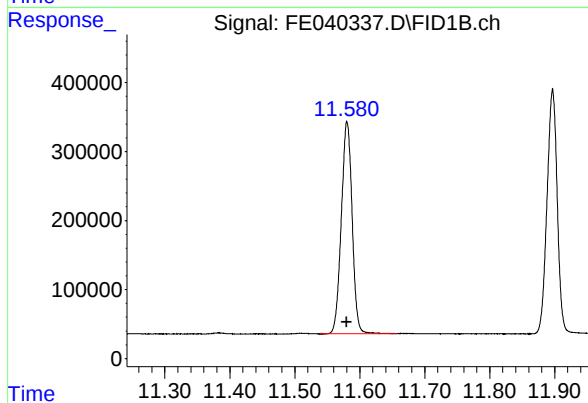
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.002 min
Response: 3339329
Conc: 24.23 ug/ml



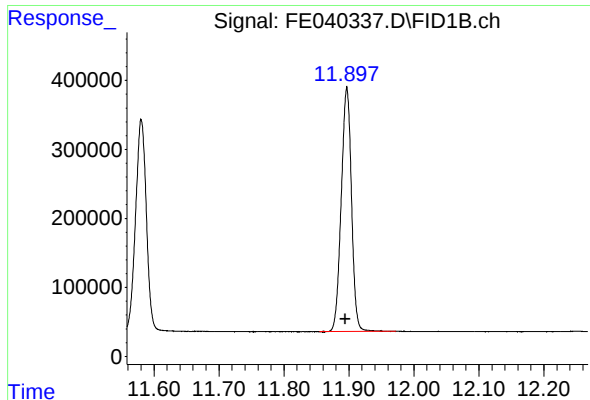
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: 0.000 min
Response: 3463754
Conc: 24.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 3557518
Conc: 23.92 ug/ml



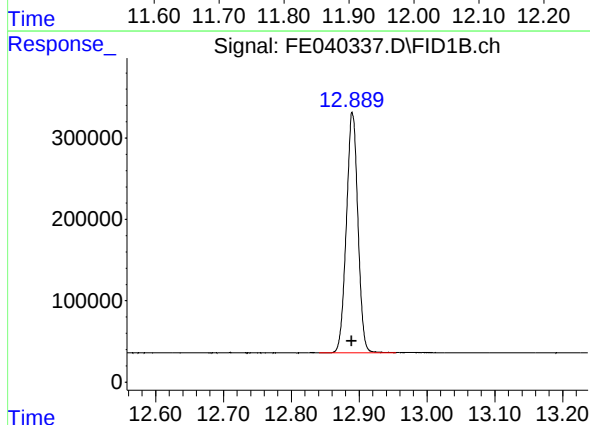
#9 ortho-Terphenyl (SURR)

R.T.: 11.897 min
Delta R.T.: 0.002 min
Response: 3878626
Conc: 23.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

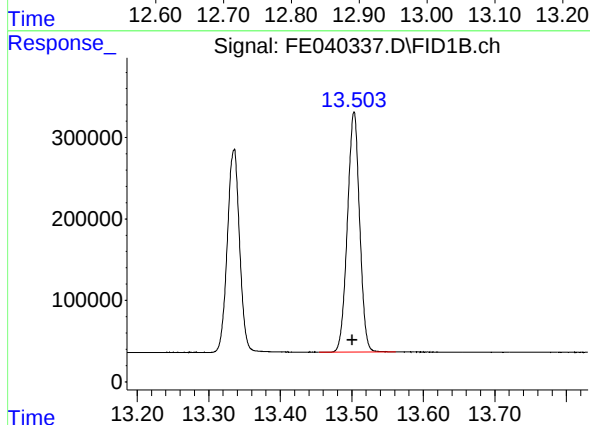
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/14/2023
Supervised By :Sohil Jodhani 02/14/2023



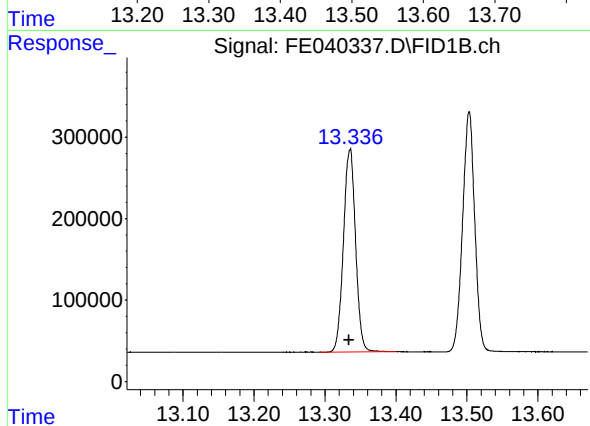
#10 n-Eicosane (C20)

R.T.: 12.890 min
Delta R.T.: 0.000 min
Response: 3484470
Conc: 23.70 ug/ml



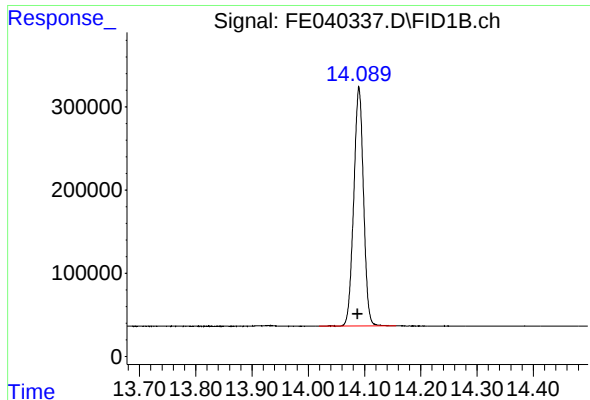
#11 n-Heneicosane (C21)

R.T.: 13.503 min
Delta R.T.: 0.003 min
Response: 3496647
Conc: 23.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.335 min
Delta R.T.: 0.002 min
Response: 2960554
Conc: 23.87 ug/ml



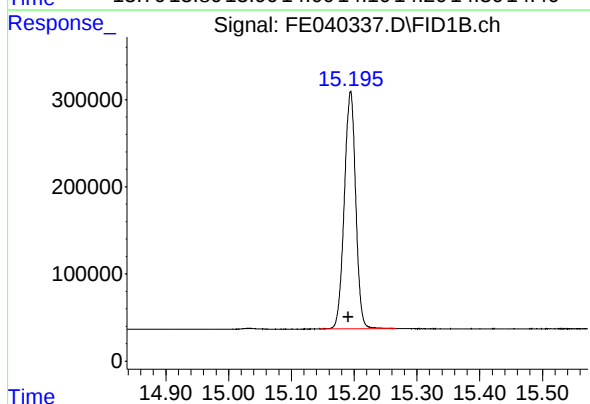
#13 n-Docosane (C22)

R.T.: 14.090 min
Delta R.T.: 0.003 min
Response: 3466103
Conc: 23.39 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

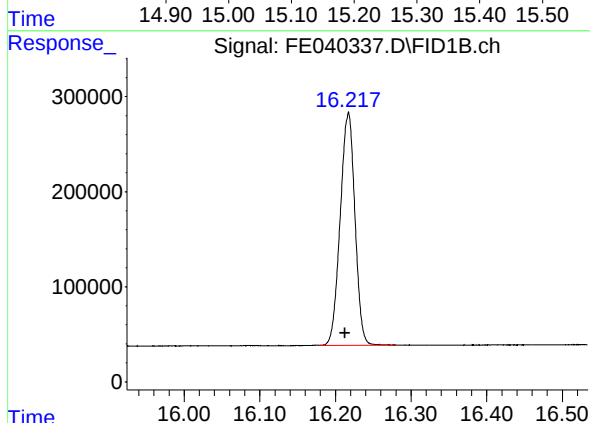
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/14/2023
Supervised By :Sohil Jodhani 02/14/2023



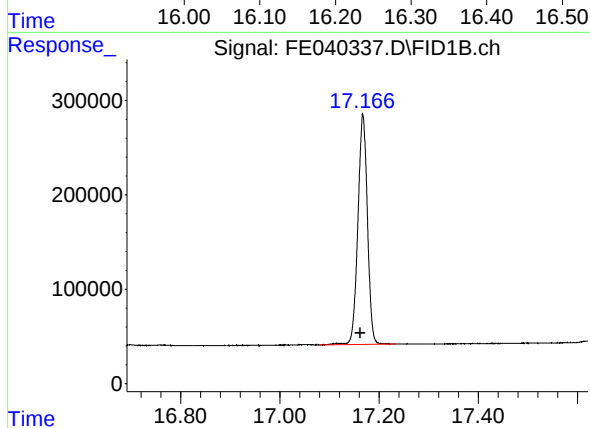
#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: 0.004 min
Response: 3441574
Conc: 22.67 ug/ml



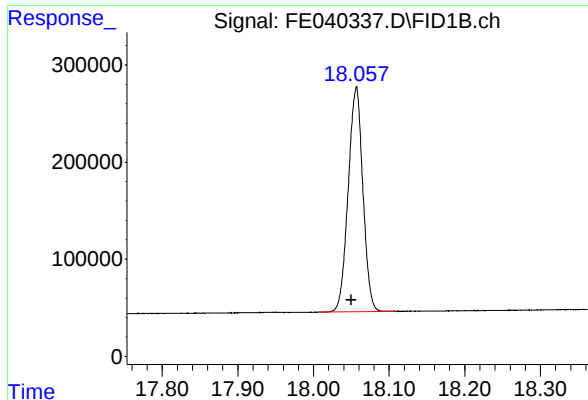
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: 0.005 min
Response: 3312239
Conc: 22.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.167 min
Delta R.T.: 0.005 min
Response: 3252196
Conc: 21.70 ug/ml



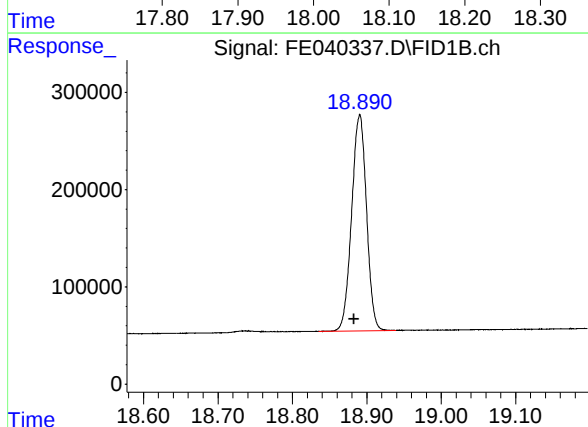
#17 n-Tricontane (C30)

R.T.: 18.057 min
Delta R.T.: 0.007 min
Response: 3118708
Conc: 21.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

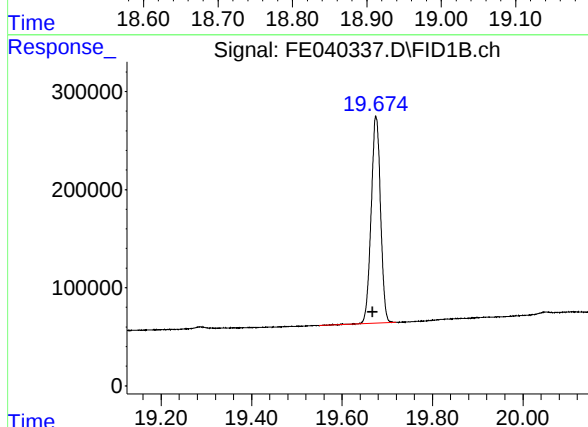
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/14/2023
Supervised By :Sohil Jodhani 02/14/2023



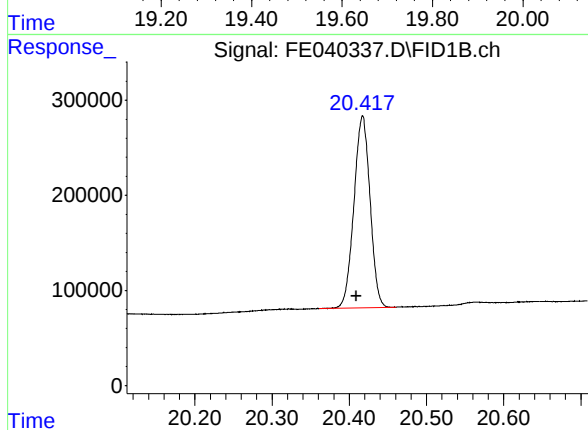
#18 n-Dotriacontane (C32)

R.T.: 18.891 min
Delta R.T.: 0.008 min
Response: 3087617
Conc: 21.08 ug/ml



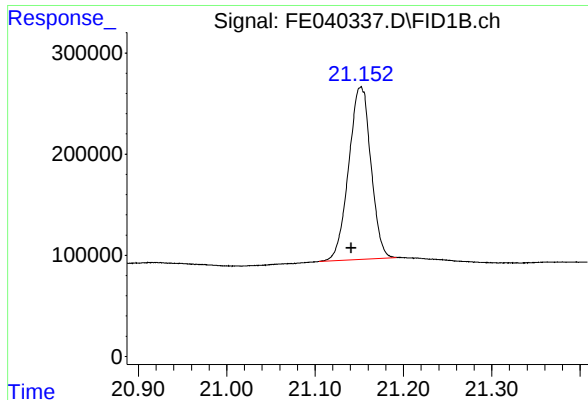
#19 n-Tetatriacontane (C34)

R.T.: 19.675 min
Delta R.T.: 0.007 min
Response: 3038621
Conc: 22.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.417 min
Delta R.T.: 0.008 min
Response: 2925334
Conc: 22.05 ug/ml



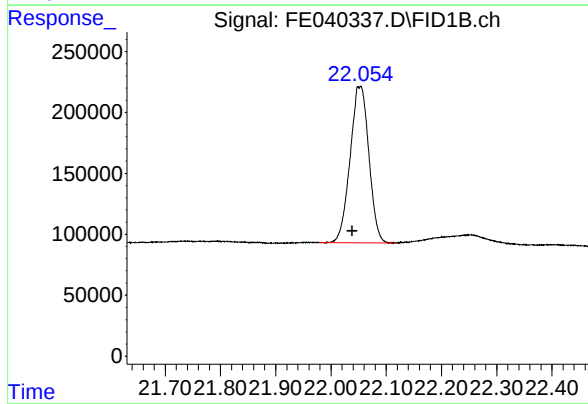
#21 n-Octatriacontane (C38)

R.T.: 21.152 min
Delta R.T.: 0.011 min
Response: 2982987
Conc: 22.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 02/14/2023
Supervised By :Sohil Jodhani 02/14/2023



#22 n-Tetracontane (C40)

R.T.: 22.054 min
Delta R.T.: 0.015 min
Response: 3039043
Conc: 22.89 ug/ml