

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121224AL\
 Data File : FE051637.D
 Signal(s) : FID1B.ch
 Acq On : 12 Dec 2024 13:53
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :Ankita Jodhani 12/13/2024

Integration File: autoint1.e
 Quant Time: Dec 12 14:58:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121224.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 12 14:54:26 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)	11.993	7348931	49.881 ug/ml
Spiked Amount 50.000		Recovery =	99.76%
12) S 1-chlorooctadecane (S...	13.410	5860795	49.572 ug/ml
Spiked Amount 50.000		Recovery =	99.14%
Target Compounds			
1) T n-Nonane (C9)	3.483	5524436	50.022 ug/ml
2) T n-Decane (C10)	4.713	5673373	50.049 ug/ml
3) T A~Naphthalene (C11.7)	6.394	6411023	50.131 ug/ml
4) T n-Dodecane (C12)	6.843	5845585	50.119 ug/ml
5) T A~2-methylnaphthalene...	7.474	6326845	50.149 ug/ml
6) T n-Tetradecane (C14)	8.650	5973458	50.077 ug/ml
7) T n-Hexadecane (C16)	10.241	6394160	49.974 ug/ml
8) T n-Octadecane (C18)	11.672	6681882	49.742 ug/ml
10) T n-Eicosane (C20)	12.968	6651297	49.602 ug/ml
11) T n-Heneicosane (C21)	13.574	6653742	49.389 ug/ml
13) T n-Docosane (C22)	14.154	6702370	49.448 ug/ml
14) T n-Tetracosane (C24)	15.247	6840147	49.193 ug/ml
15) T n-Hexacosane (C26)	16.258	6830664	49.128 ug/ml
16) T n-Octacosane (C28)	17.199	6795641	49.037 ug/ml
17) T n-Tricontane (C30)	18.078	6985361	49.054 ug/ml
18) T n-Dotriacontane (C32)	18.904	6876305	49.112 ug/ml
19) T n-Tetratriacontane (C34)	19.679	6067452	49.282 ug/ml
20) T n-Hexatriacontane (C36)	20.411	5427644	49.201 ug/ml
21) T n-Octatriacontane (C38)	21.142	4842670	49.115 ug/ml
22) T n-Tetracontane (C40)	22.052	4636660	48.043 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121224AL\
Data File : FE051637.D
Signal(s) : FID1B.ch
Acq On : 12 Dec 2024 13:53
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

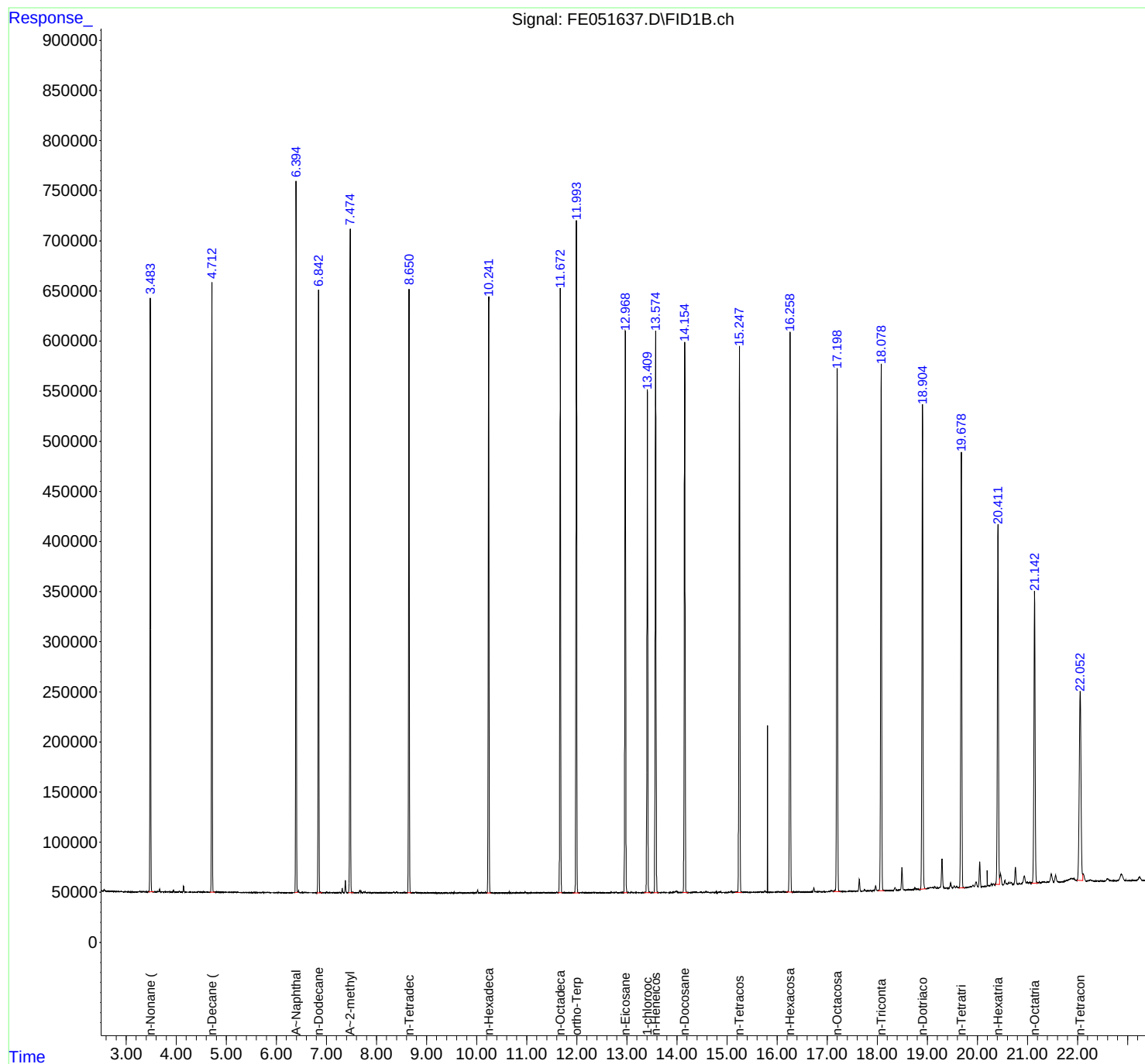
Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

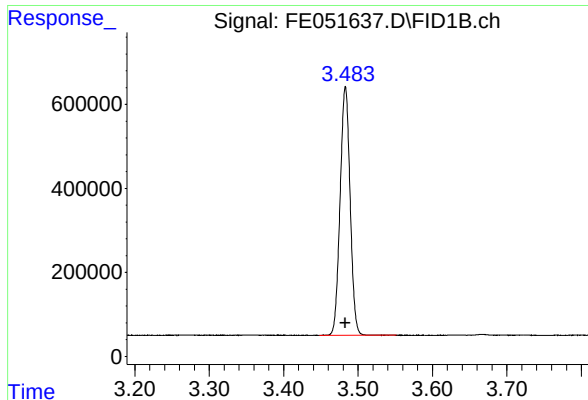
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :Ankita Jodhani 12/13/2024

Integration File: autoint1.e
Quant Time: Dec 12 14:58:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121224.
Quant Title : GC Extractables
QLast Update : Thu Dec 12 14:54:26 2024
Response via : Initial Calibration
Integrator: ChemStation

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





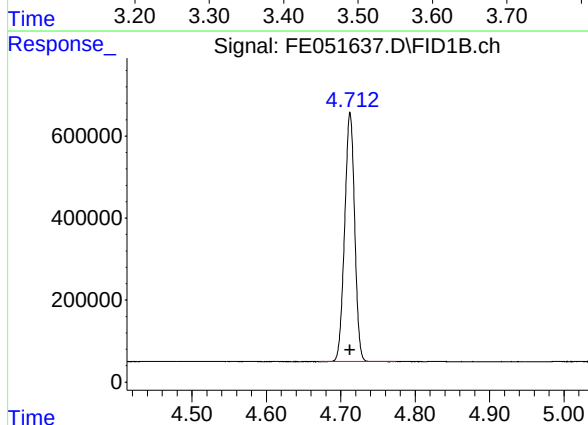
#1 n-Nonane (C9)

R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 5524436
Conc: 50.02 ug/ml

Instrument : FID_E
ClientSampleId : 50 PPM ALIPHATIC HC STD2

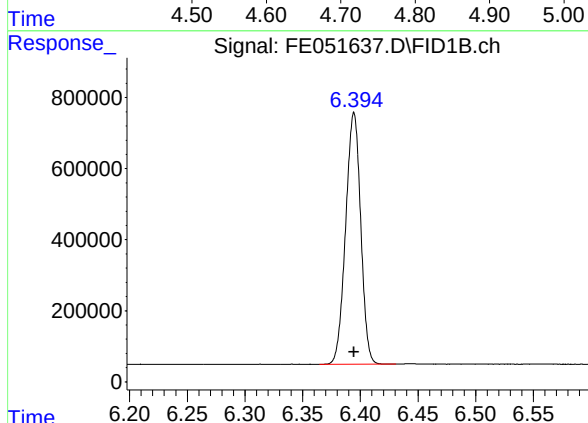
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :Ankita Jodhani 12/13/2024



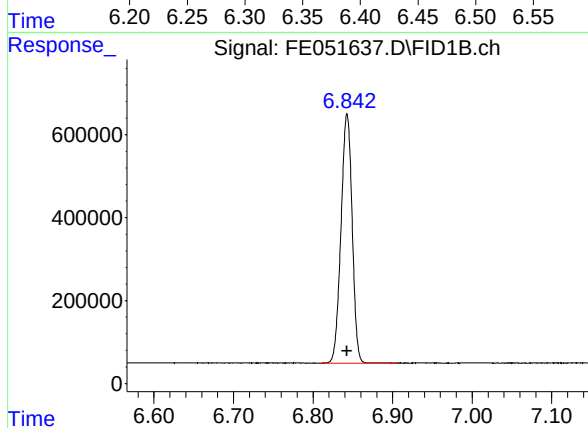
#2 n-Decane (C10)

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 5673373
Conc: 50.05 ug/ml



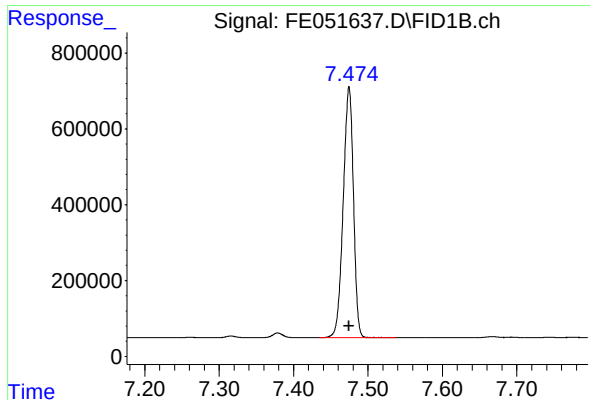
#3 A~Naphthalene (C11.7)

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 6411023
Conc: 50.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 5845585
Conc: 50.12 ug/ml



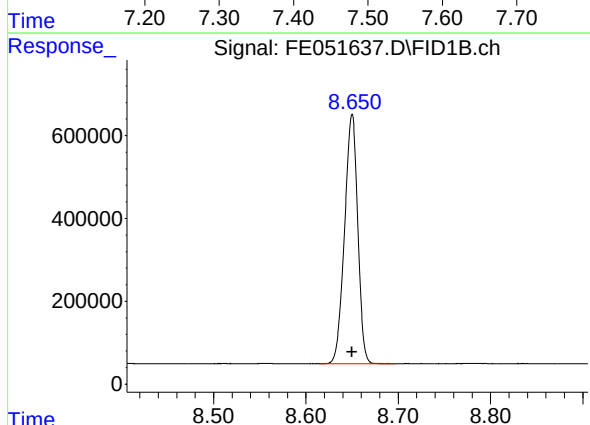
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.474 min
Delta R.T.: 0.000 min
Response: 6326845
Conc: 50.15 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

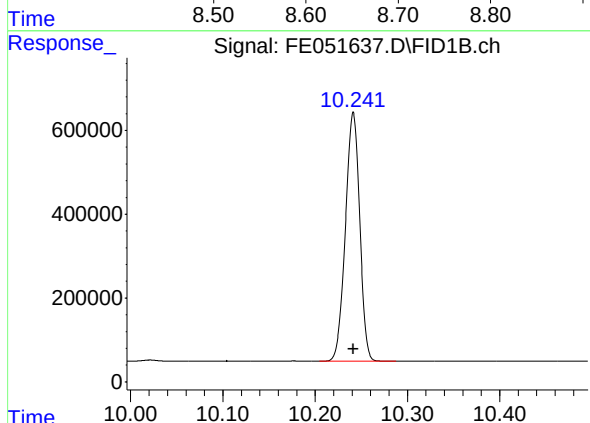
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :Ankita Jodhani 12/13/2024



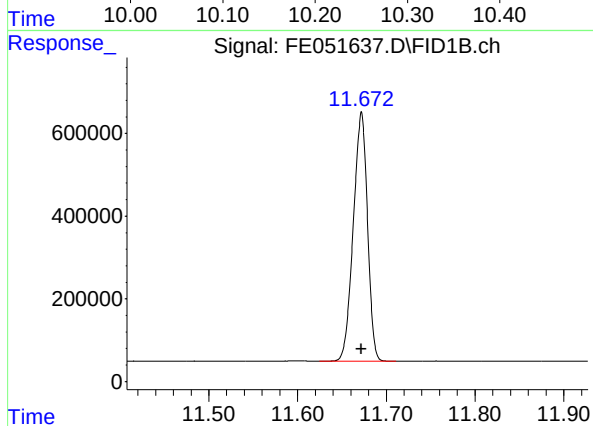
#6 n-Tetradecane (C14)

R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 5973458
Conc: 50.08 ug/ml



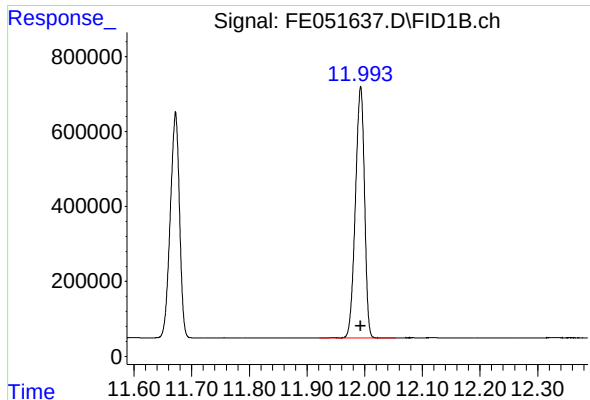
#7 n-Hexadecane (C16)

R.T.: 10.241 min
Delta R.T.: 0.000 min
Response: 6394160
Conc: 49.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.672 min
Delta R.T.: 0.000 min
Response: 6681882
Conc: 49.74 ug/ml



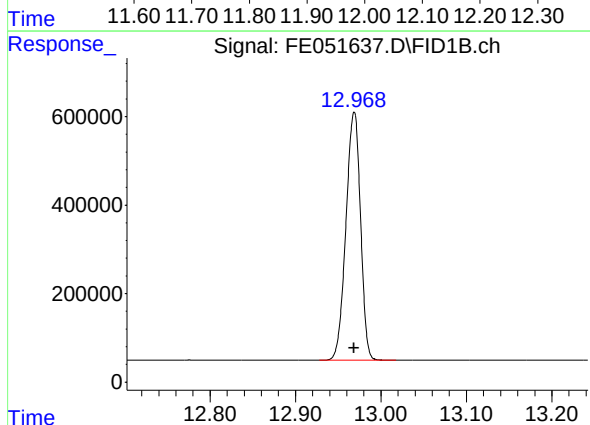
#9 ortho-Terphenyl (SURR)

R.T.: 11.993 min
Delta R.T.: 0.000 min
Response: 7348931
Conc: 49.88 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

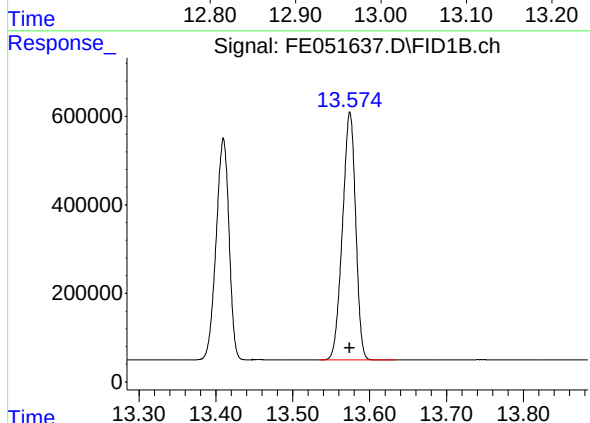
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :Ankita Jodhani 12/13/2024



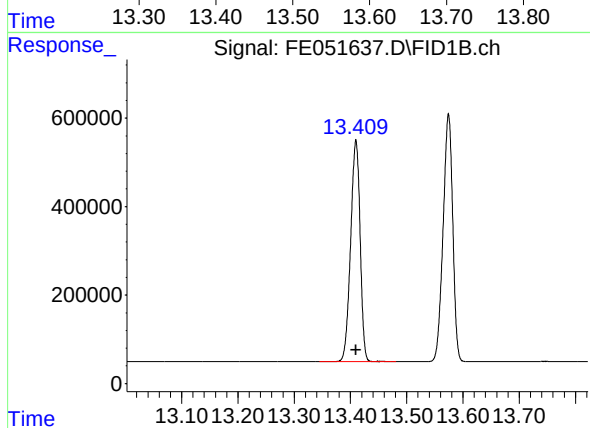
#10 n-Eicosane (C20)

R.T.: 12.968 min
Delta R.T.: 0.000 min
Response: 6651297
Conc: 49.60 ug/ml



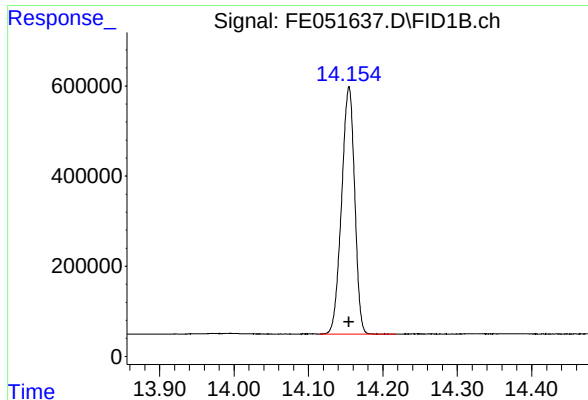
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: 0.000 min
Response: 6653742
Conc: 49.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: 0.000 min
Response: 5860795
Conc: 49.57 ug/ml



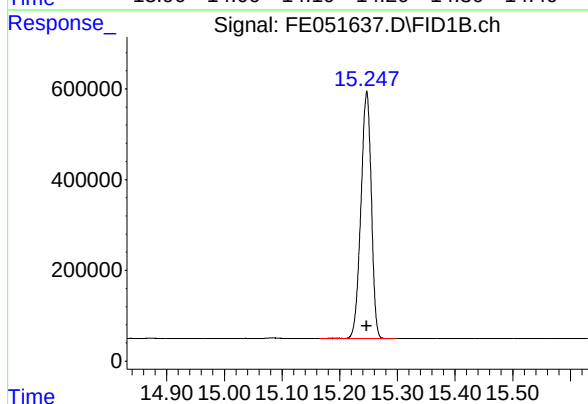
#13 n-Docosane (C22)

R.T.: 14.154 min
Delta R.T.: 0.000 min
Response: 6702370
Conc: 49.45 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2

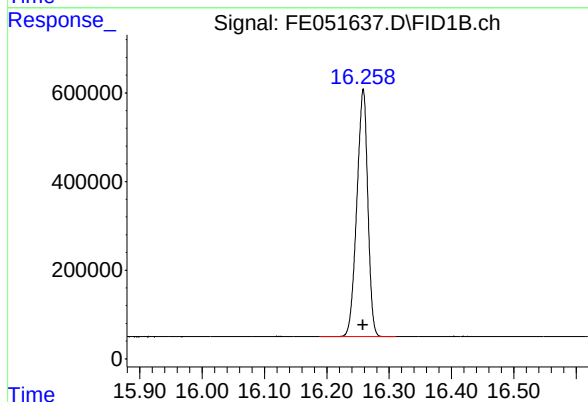
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :Ankita Jodhani 12/13/2024



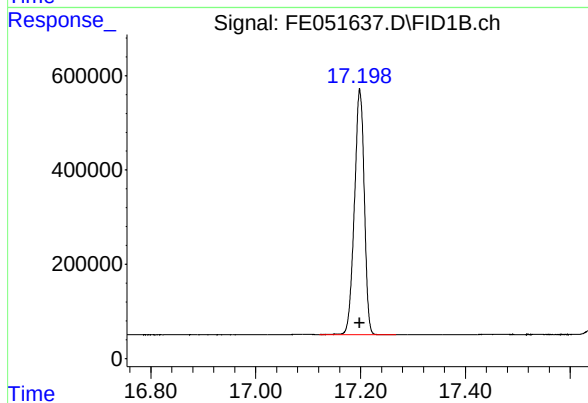
#14 n-Tetracosane (C24)

R.T.: 15.247 min
Delta R.T.: 0.000 min
Response: 6840147
Conc: 49.19 ug/ml



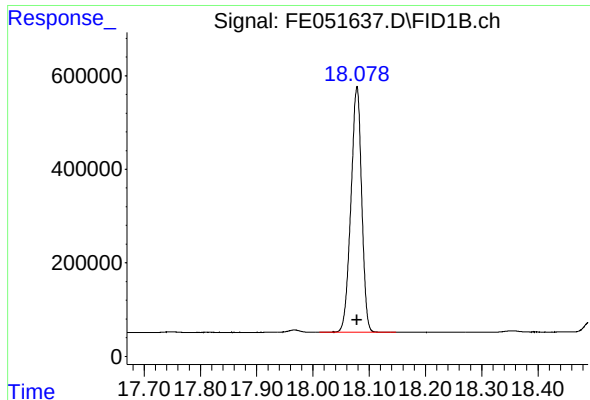
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: 0.000 min
Response: 6830664
Conc: 49.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: 0.000 min
Response: 6795641
Conc: 49.04 ug/ml



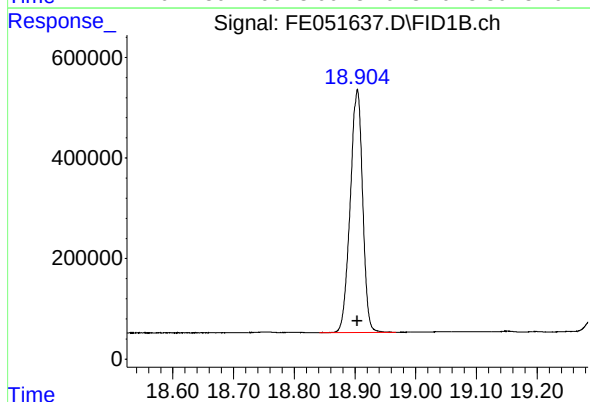
#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: 0.000 min
Response: 6985361
Conc: 49.05 ug/ml

Instrument : FID_E
ClientSampleId : 50 PPM ALIPHATIC HC STD2

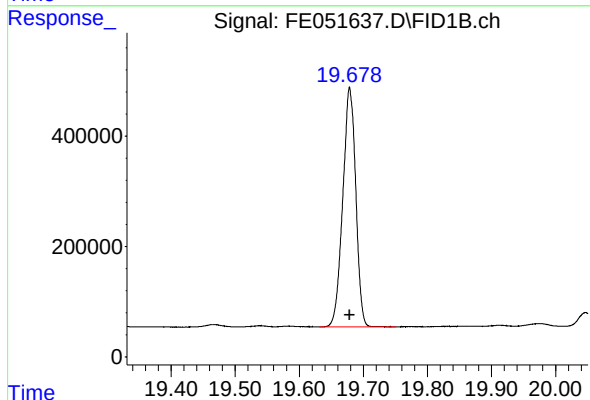
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :Ankita Jodhani 12/13/2024



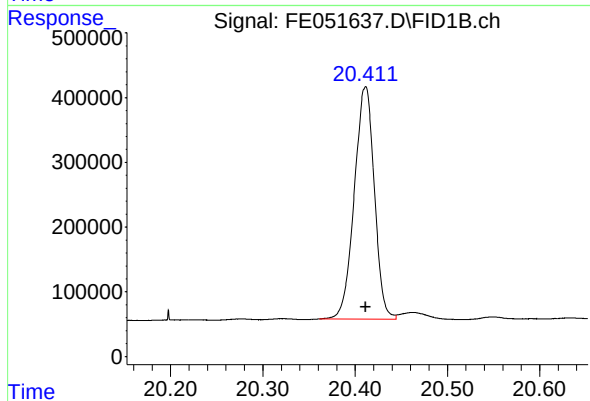
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: 0.000 min
Response: 6876305
Conc: 49.11 ug/ml



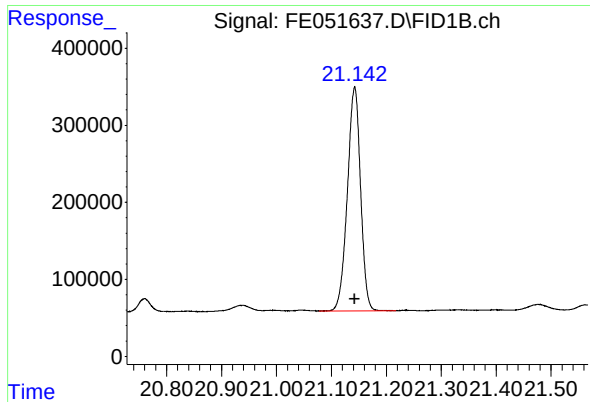
#19 n-Tetratriacontane (C34)

R.T.: 19.679 min
Delta R.T.: 0.000 min
Response: 6067452
Conc: 49.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.411 min
Delta R.T.: 0.000 min
Response: 5427644
Conc: 49.20 ug/ml



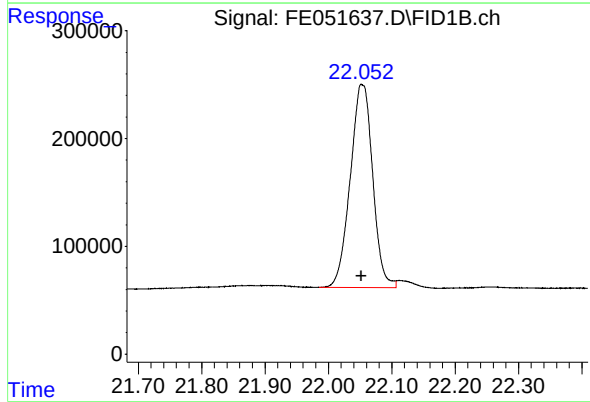
#21 n-Octatriacontane (C38)

R.T.: 21.142 min
Delta R.T.: 0.000 min
Response: 4842670
Conc: 49.12 ug/ml

Instrument : FID_E
ClientSampleId : 50 PPM ALIPHATIC HC STD2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :Ankita Jodhani 12/13/2024



#22 n-Tetracontane (C40)

R.T.: 22.052 min
Delta R.T.: 0.000 min
Response: 4636660
Conc: 48.04 ug/ml m