

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112624AL\
 Data File : FE051454.D
 Signal(s) : FID1B.ch
 Acq On : 26 Nov 2024 06:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :Ankita Jodhani 11/27/2024

Integration File: autoint1.e
 Quant Time: Nov 27 00:27:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.836	3230702	21.524 ug/ml
Spiked Amount 50.000		Recovery =	43.05%
12) S 1-chlorooctadecane (S...	13.270	2459380	21.663 ug/ml
Spiked Amount 50.000		Recovery =	43.33%
Target Compounds			
1) T n-Nonane (C9)	3.226	2936879	21.225 ug/ml
2) T n-Decane (C10)	4.474	3030375	21.618 ug/ml
3) T A~Naphthalene (C11.7)	6.187	2985514	22.643 ug/mlm
4) T n-Dodecane (C12)	6.641	3039771	21.529 ug/ml
5) T A~2-methylnaphthalene...	7.283	2778737	22.213 ug/mlm
6) T n-Tetradecane (C14)	8.468	2977521	21.365 ug/ml
7) T n-Hexadecane (C16)	10.074	3030427	21.355 ug/ml
8) T n-Octadecane (C18)	11.515	3050470	21.361 ug/ml
10) T n-Eicosane (C20)	12.823	2937104	21.461 ug/ml
11) T n-Heneicosane (C21)	13.434	2876368	21.523 ug/ml
13) T n-Docosane (C22)	14.019	2845280	21.401 ug/ml
14) T n-Tetracosane (C24)	15.120	2868206	21.621 ug/ml
15) T n-Hexacosane (C26)	16.141	2838205	21.201 ug/ml
16) T n-Octacosane (C28)	17.090	2819293	20.680 ug/ml
17) T n-Tricontane (C30)	17.976	2925149	20.134 ug/ml
18) T n-Dotriacontane (C32)	18.807	2808096	18.912 ug/ml
19) T n-Tetratriacontane (C34)	19.590	2534047	18.859 ug/ml
20) T n-Hexatriacontane (C36)	20.331	2172420	18.207 ug/ml
21) T n-Octatriacontane (C38)	21.052	2104986	18.495 ug/ml
22) T n-Tetracontane (C40)	21.928	2577691	23.176 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112624AL\
Data File : FE051454.D
Signal(s) : FID1B.ch
Acq On : 26 Nov 2024 06:00
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

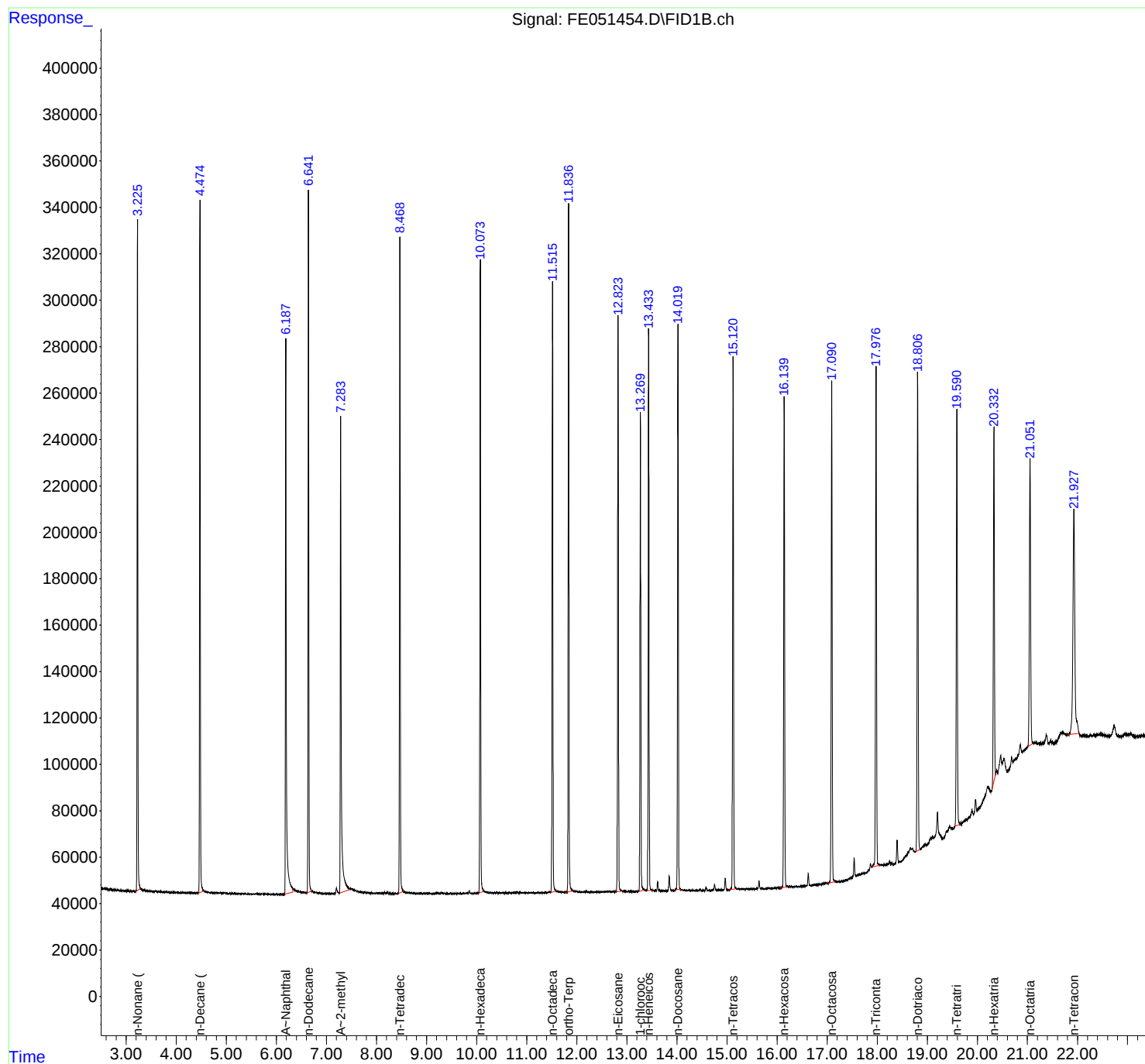
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

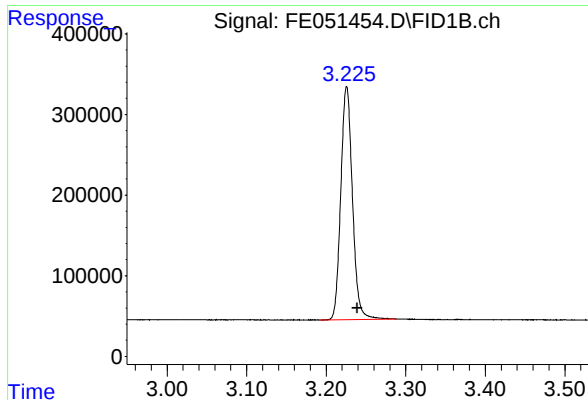
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :Ankita Jodhani 11/27/2024

Integration File: autoint1.e
Quant Time: Nov 27 00:27:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.
Quant Title : GC Extractables
QLast Update : Thu Nov 07 04:56:04 2024
Response via : Initial Calibration
Integrator: ChemStation

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





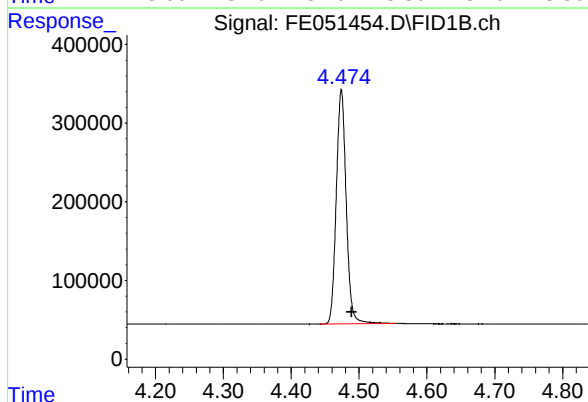
#1 n-Nonane (C9)

R.T.: 3.226 min
Delta R.T.: -0.013 min
Response: 2936879
Conc: 21.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

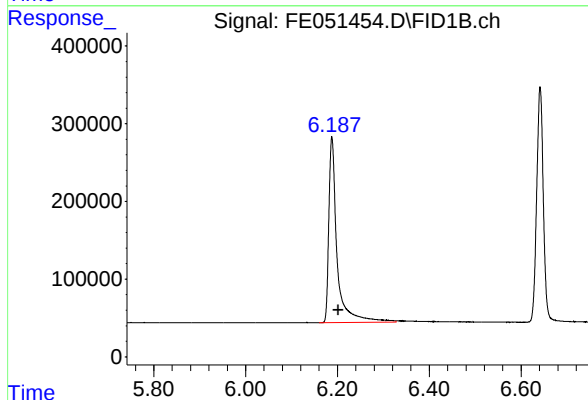
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :Ankita Jodhani 11/27/2024



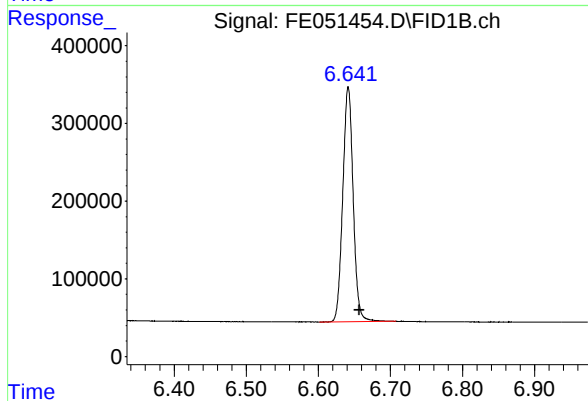
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: -0.015 min
Response: 3030375
Conc: 21.62 ug/ml



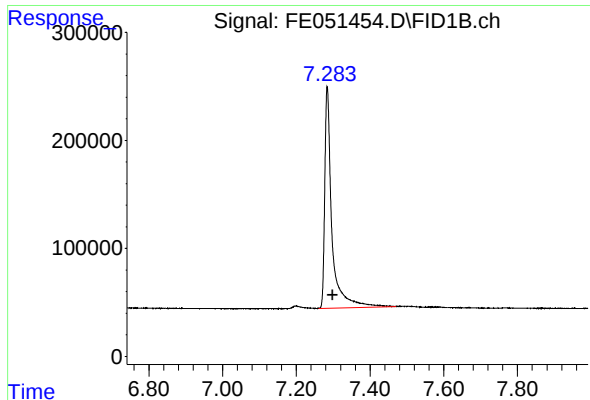
#3 A~Naphthalene (C11.7)

R.T.: 6.187 min
Delta R.T.: -0.015 min
Response: 2985514
Conc: 22.64 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.641 min
Delta R.T.: -0.016 min
Response: 3039771
Conc: 21.53 ug/ml



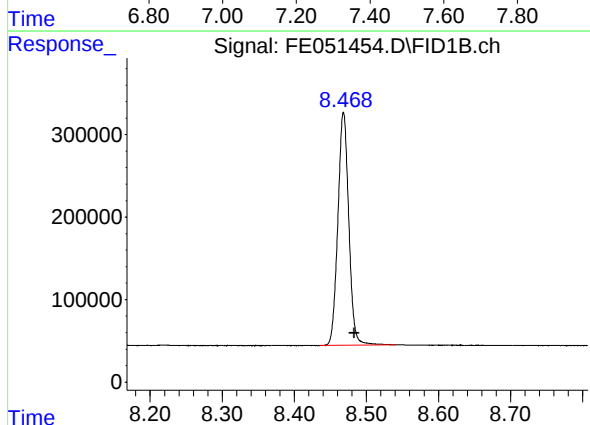
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.283 min
Delta R.T.: -0.015 min
Response: 2778737
Conc: 22.21 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

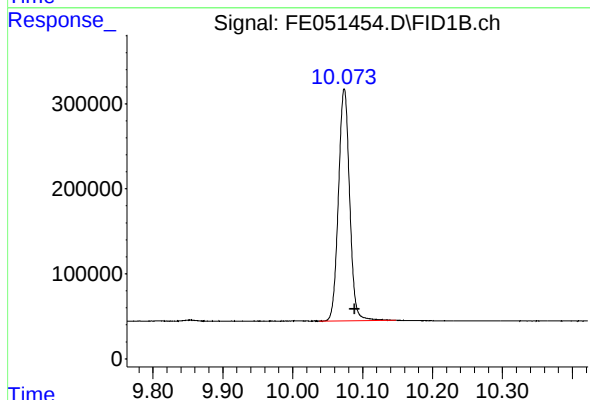
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :Ankita Jodhani 11/27/2024



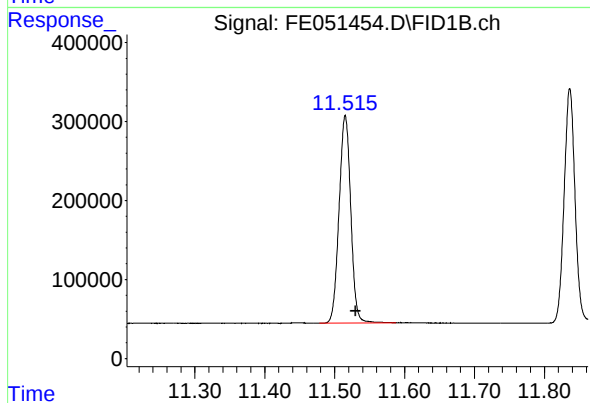
#6 n-Tetradecane (C14)

R.T.: 8.468 min
Delta R.T.: -0.015 min
Response: 2977521
Conc: 21.37 ug/ml



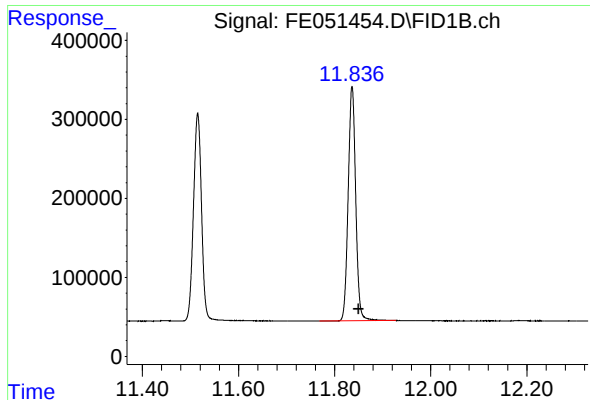
#7 n-Hexadecane (C16)

R.T.: 10.074 min
Delta R.T.: -0.015 min
Response: 3030427
Conc: 21.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.515 min
Delta R.T.: -0.015 min
Response: 3050470
Conc: 21.36 ug/ml



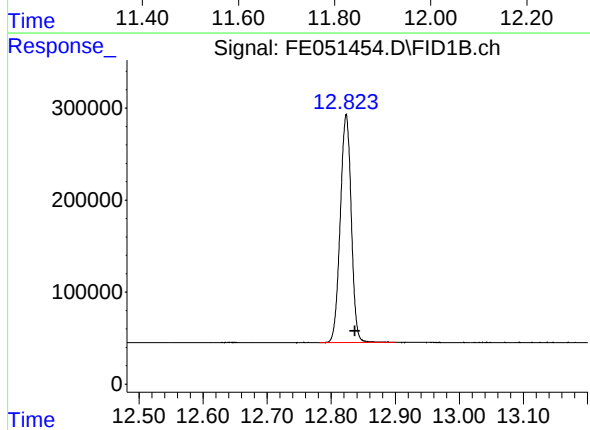
#9 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: -0.014 min
Response: 3230702
Conc: 21.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

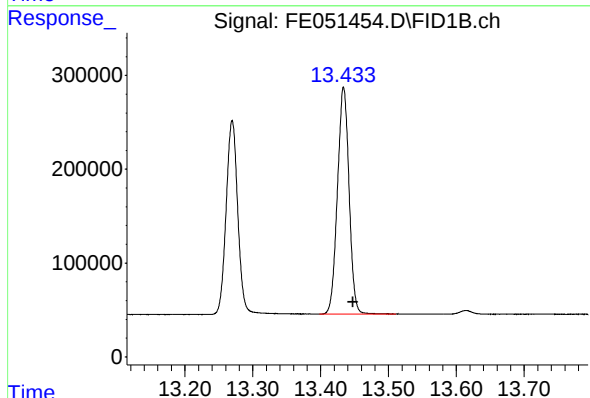
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :Ankita Jodhani 11/27/2024



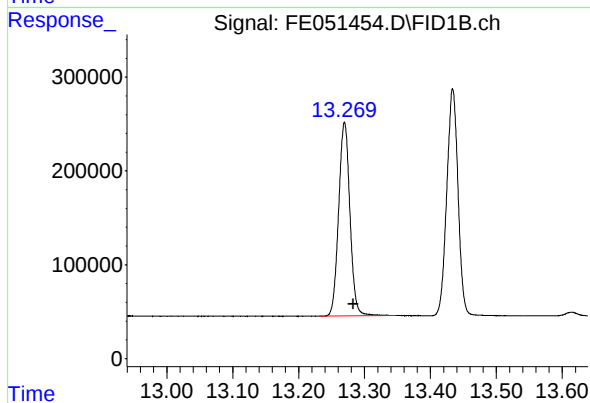
#10 n-Eicosane (C20)

R.T.: 12.823 min
Delta R.T.: -0.014 min
Response: 2937104
Conc: 21.46 ug/ml



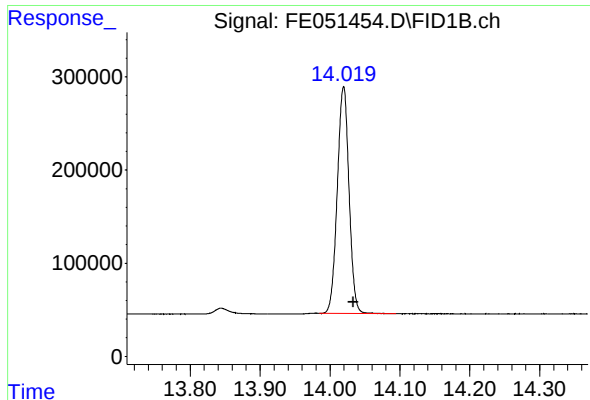
#11 n-Heneicosane (C21)

R.T.: 13.434 min
Delta R.T.: -0.014 min
Response: 2876368
Conc: 21.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.270 min
Delta R.T.: -0.013 min
Response: 2459380
Conc: 21.66 ug/ml



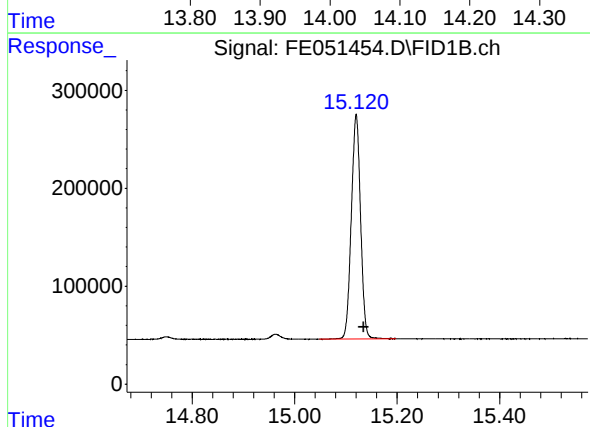
#13 n-Docosane (C22)

R.T.: 14.019 min
Delta R.T.: -0.014 min
Response: 2845280
Conc: 21.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

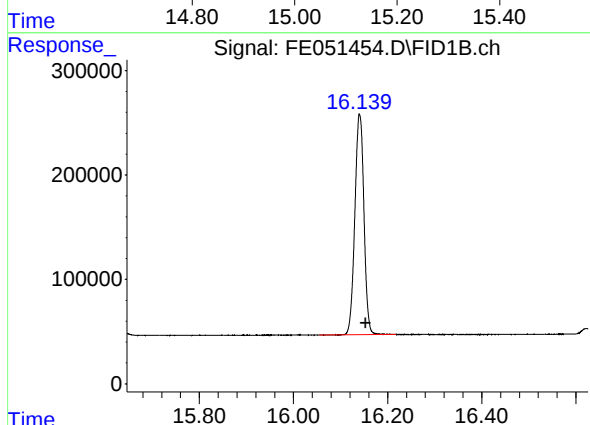
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :Ankita Jodhani 11/27/2024



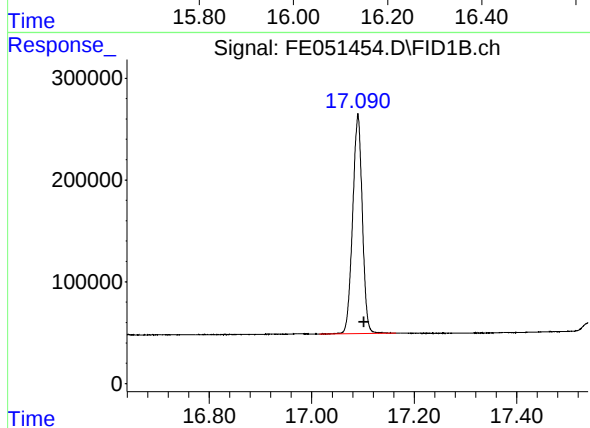
#14 n-Tetracosane (C24)

R.T.: 15.120 min
Delta R.T.: -0.014 min
Response: 2868206
Conc: 21.62 ug/ml



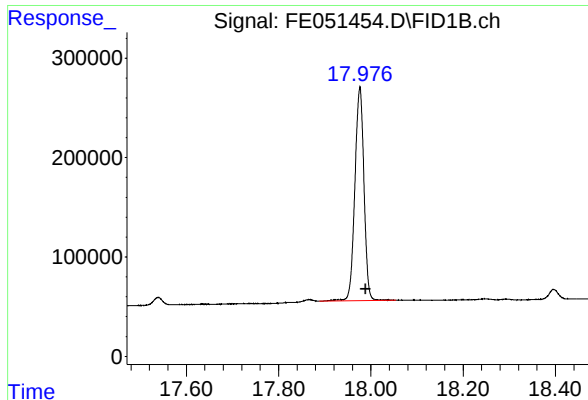
#15 n-Hexacosane (C26)

R.T.: 16.141 min
Delta R.T.: -0.013 min
Response: 2838205
Conc: 21.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.090 min
Delta R.T.: -0.012 min
Response: 2819293
Conc: 20.68 ug/ml



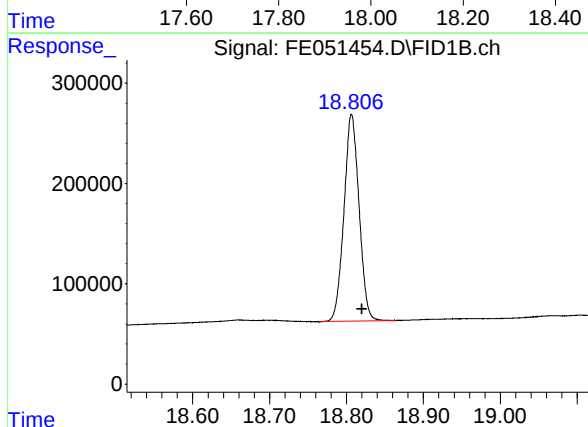
#17 n-Tricontane (C30)

R.T.: 17.976 min
Delta R.T.: -0.013 min
Response: 2925149
Conc: 20.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

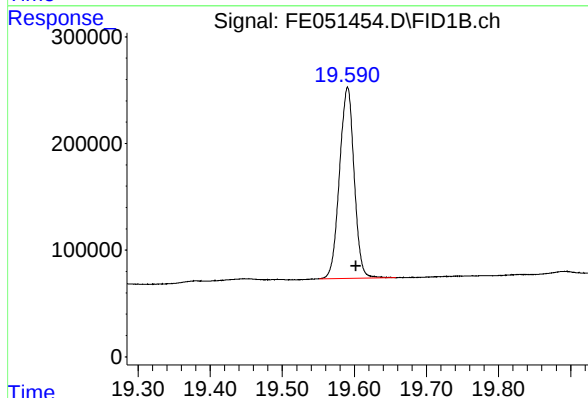
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :Ankita Jodhani 11/27/2024



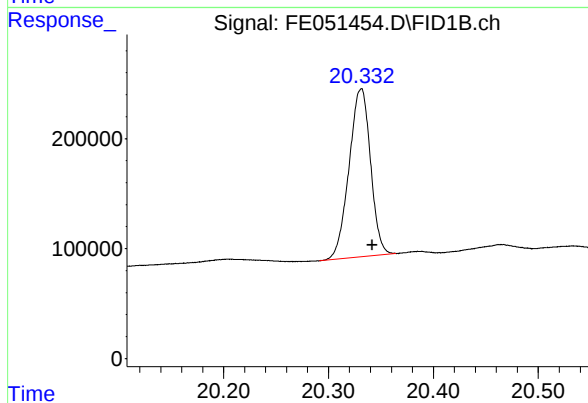
#18 n-Dotriacontane (C32)

R.T.: 18.807 min
Delta R.T.: -0.013 min
Response: 2808096
Conc: 18.91 ug/ml



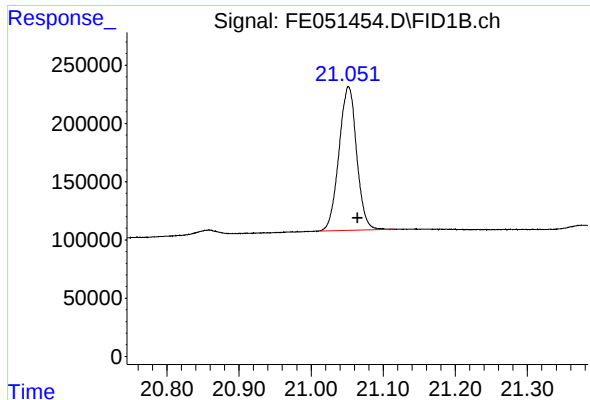
#19 n-Tetratriacontane (C34)

R.T.: 19.590 min
Delta R.T.: -0.012 min
Response: 2534047
Conc: 18.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.331 min
Delta R.T.: -0.011 min
Response: 2172420
Conc: 18.21 ug/ml



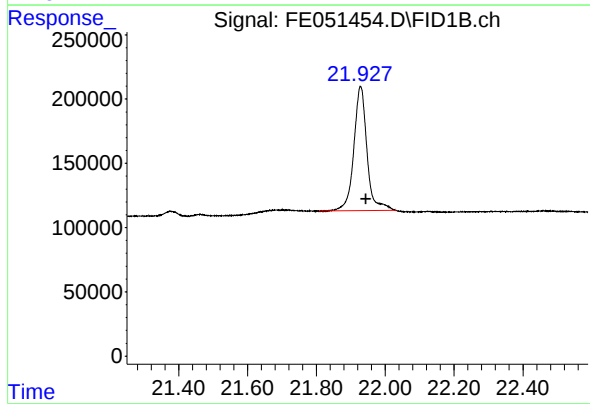
#21 n-Octatriacontane (C38)

R.T.: 21.052 min
Delta R.T.: -0.013 min
Response: 2104986
Conc: 18.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :Ankita Jodhani 11/27/2024



#22 n-Tetracontane (C40)

R.T.: 21.928 min
Delta R.T.: -0.016 min
Response: 2577691
Conc: 23.18 ug/ml