

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062724AL\
 Data File : FE048909.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2024 10:23
 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 06/28/2024
 Supervised By :Ankita Jodhani 06/28/2024

Integration File: autoint1.e
 Quant Time: Jun 28 01:25:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.938	3096522	18.519 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
12) S 1-chlorooctadecane (S...	13.373	2340521	18.201 ug/ml
Spiked Amount 50.000		Recovery =	36.40%
Target Compounds			
1) T n-Nonane (C9)	3.324	3116594	20.730 ug/ml
2) T n-Decane (C10)	4.573	3046696	19.798 ug/ml
3) T A~Naphthalene (C11.7)	6.281	3104803	19.557 ug/ml
4) T n-Dodecane (C12)	6.739	3022176	19.577 ug/ml
5) T A~2-methylnaphthalene...	7.378	2943944	19.440 ug/ml
6) T n-Tetradecane (C14)	8.568	3046691	19.879 ug/ml
7) T n-Hexadecane (C16)	10.175	3196590	20.444 ug/ml
8) T n-Octadecane (C18)	11.618	3031706	19.009 ug/ml
10) T n-Eicosane (C20)	12.928	2874781	18.543 ug/ml
11) T n-Heneicosane (C21)	13.540	2807094	18.436 ug/ml
13) T n-Docosane (C22)	14.127	2861491	18.921 ug/ml
14) T n-Tetracosane (C24)	15.229	2756311	18.341 ug/ml
15) T n-Hexacosane (C26)	16.249	2798560	18.956 ug/ml
16) T n-Octacosane (C28)	17.199	2701992	18.736 ug/ml
17) T n-Tricontane (C30)	18.087	2834718	19.376 ug/ml
18) T n-Dotriacontane (C32)	18.918	2943096	20.584 ug/ml
19) T n-Tetratriacontane (C34)	19.701	2775244	20.056 ug/mlm
20) T n-Hexatriacontane (C36)	20.440	2764938	21.274 ug/ml
21) T n-Octatriacontane (C38)	21.179	2658352	20.737 ug/ml
22) T n-Tetracontane (C40)	22.095	2825179	23.070 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062724AL\
Data File : FE048909.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2024 10:23
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 6 Sample Multiplier: 1

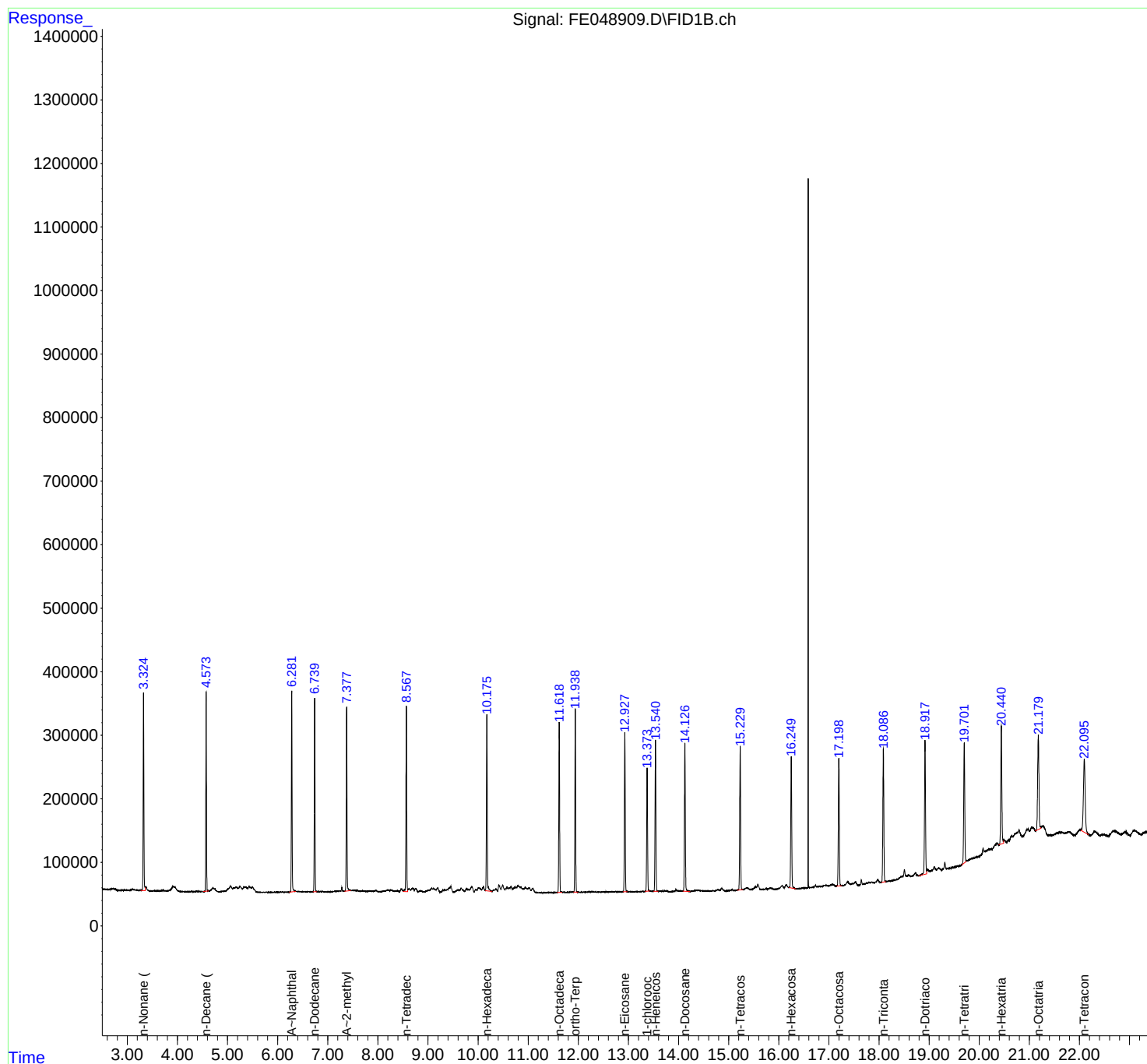
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

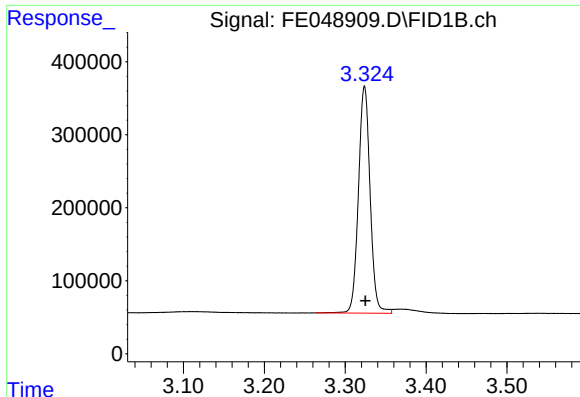
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Ankita Jodhani 06/28/2024

Integration File: autoint1.e
Quant Time: Jun 28 01:25:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
Quant Title : GC Extractables
QLast Update : Thu Jun 20 17:53:58 2024
Response via : Initial Calibration
Integrator: ChemStation

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





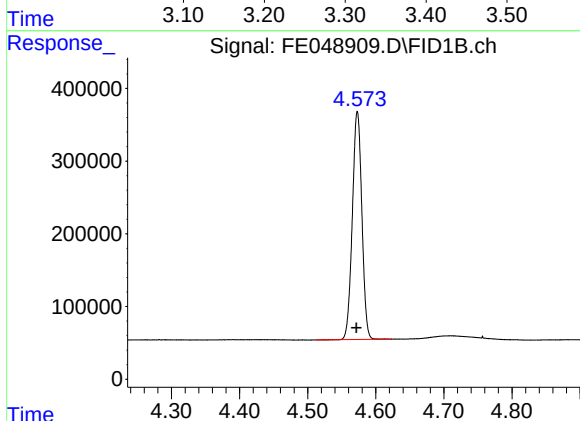
#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: -0.001 min
Response: 3116594
Conc: 20.73 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

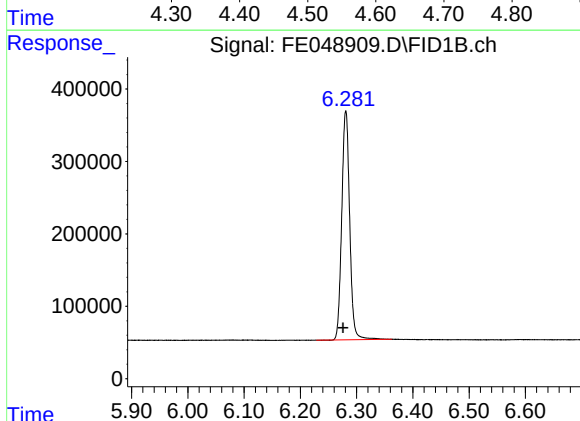
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Ankita Jodhani 06/28/2024



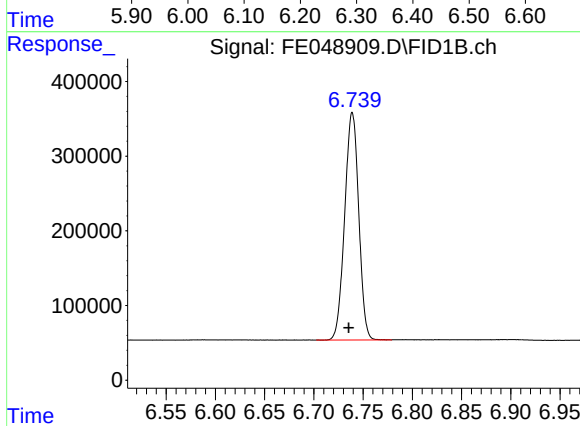
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: 0.001 min
Response: 3046696
Conc: 19.80 ug/ml



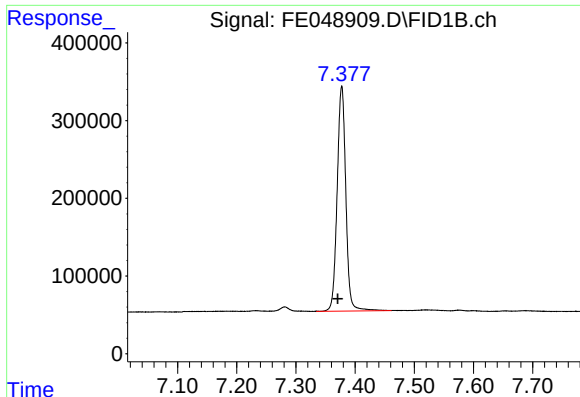
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: 0.005 min
Response: 3104803
Conc: 19.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.739 min
Delta R.T.: 0.004 min
Response: 3022176
Conc: 19.58 ug/ml



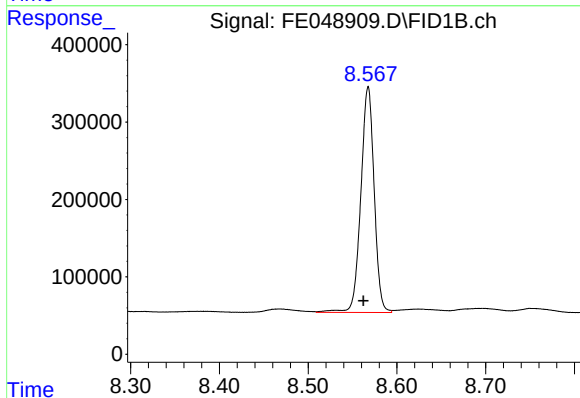
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.378 min
Delta R.T.: 0.007 min
Response: 2943944
Conc: 19.44 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

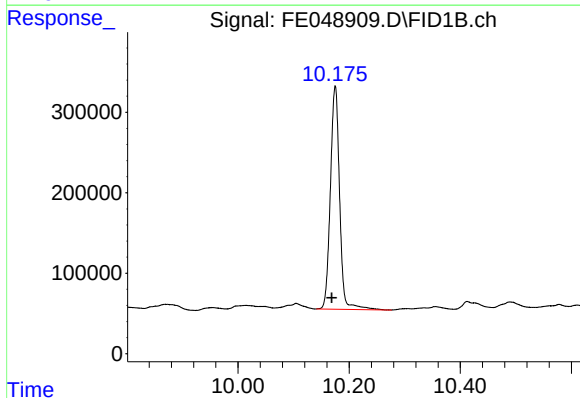
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Ankita Jodhani 06/28/2024



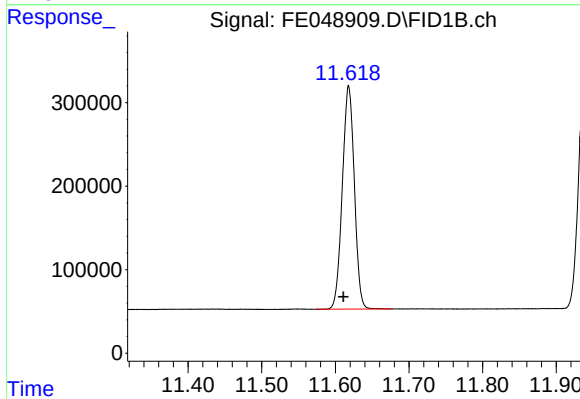
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: 0.005 min
Response: 3046691
Conc: 19.88 ug/ml



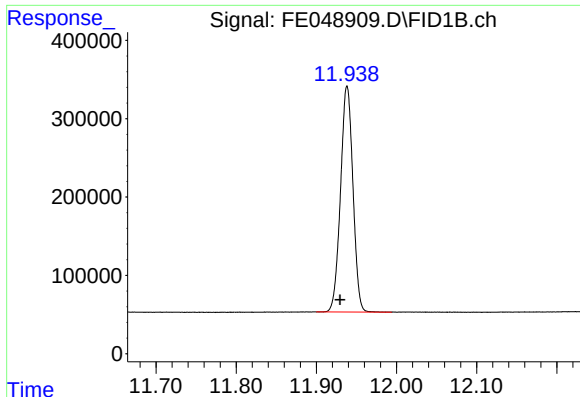
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: 0.006 min
Response: 3196590
Conc: 20.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: 0.007 min
Response: 3031706
Conc: 19.01 ug/ml



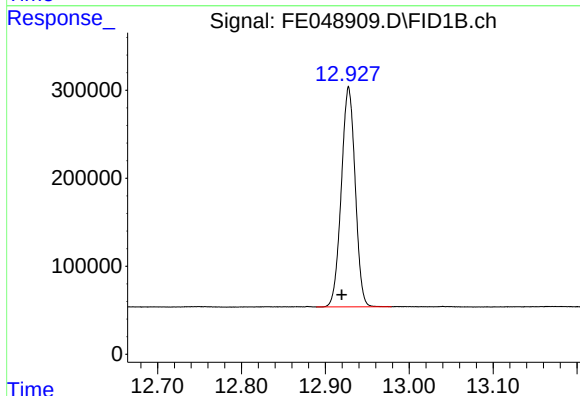
#9 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: 0.009 min
Response: 3096522
Conc: 18.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

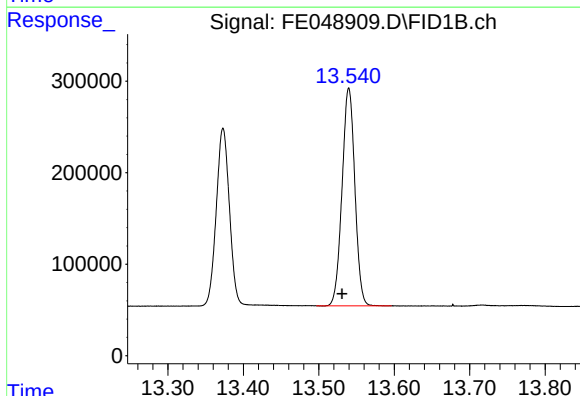
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Ankita Jodhani 06/28/2024



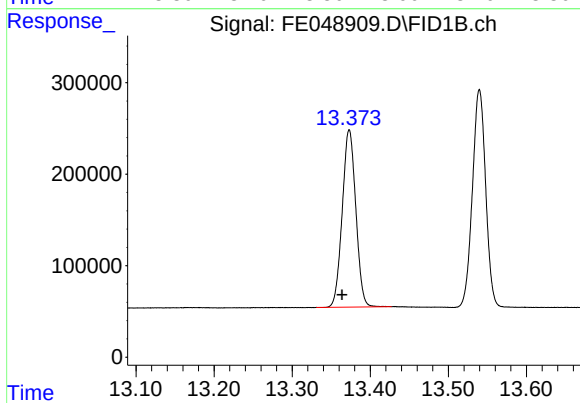
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: 0.008 min
Response: 2874781
Conc: 18.54 ug/ml



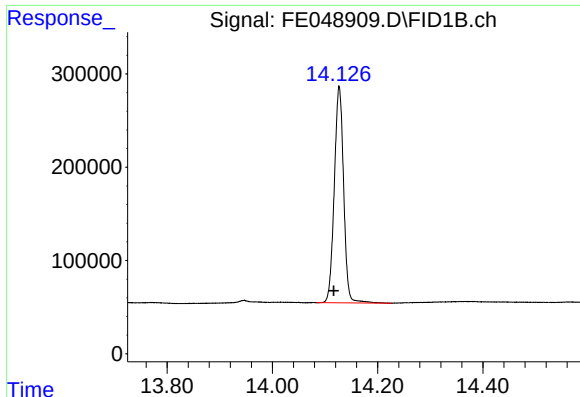
#11 n-Heneicosane (C21)

R.T.: 13.540 min
Delta R.T.: 0.009 min
Response: 2807094
Conc: 18.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: 0.009 min
Response: 2340521
Conc: 18.20 ug/ml



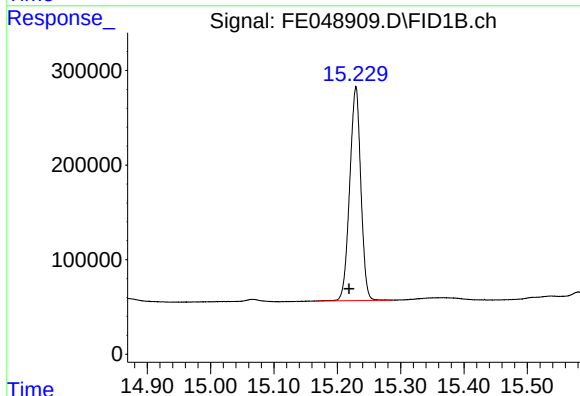
#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: 0.010 min
Response: 2861491
Conc: 18.92 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

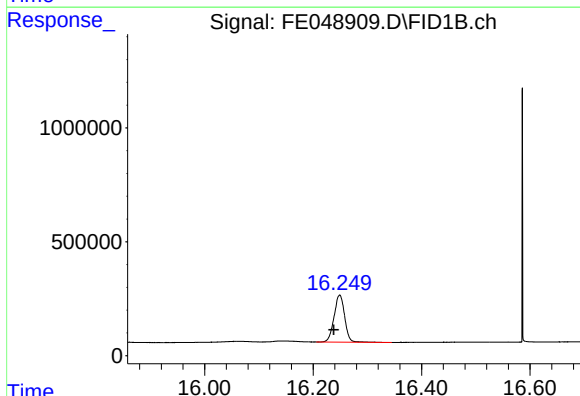
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Ankita Jodhani 06/28/2024



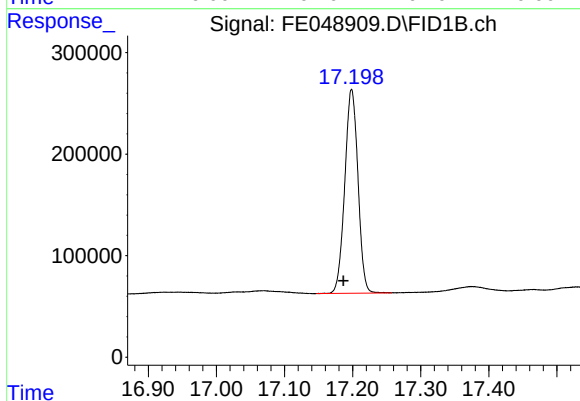
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: 0.011 min
Response: 2756311
Conc: 18.34 ug/ml



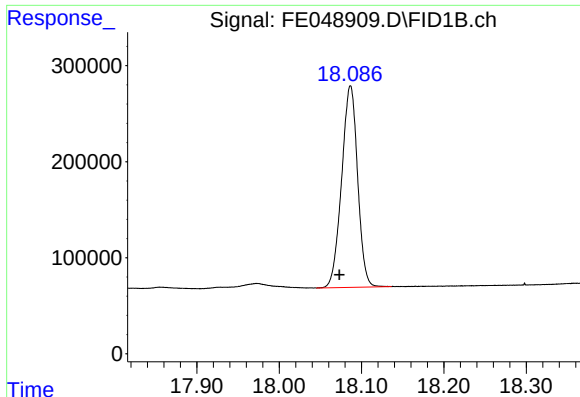
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.011 min
Response: 2798560
Conc: 18.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: 0.012 min
Response: 2701992
Conc: 18.74 ug/ml



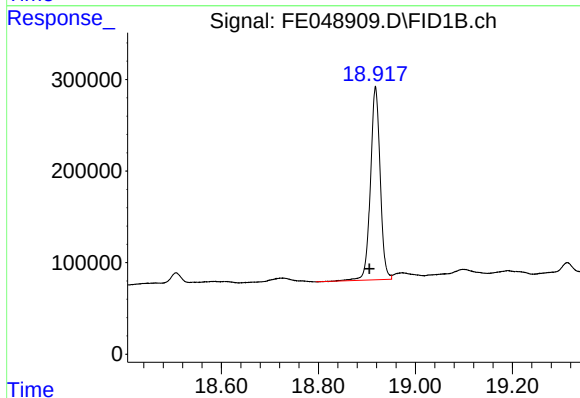
#17 n-Tricontane (C30)

R.T.: 18.087 min
Delta R.T.: 0.013 min
Response: 2834718
Conc: 19.38 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

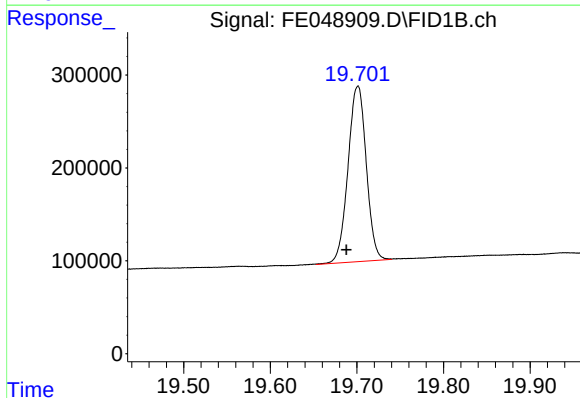
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Ankita Jodhani 06/28/2024



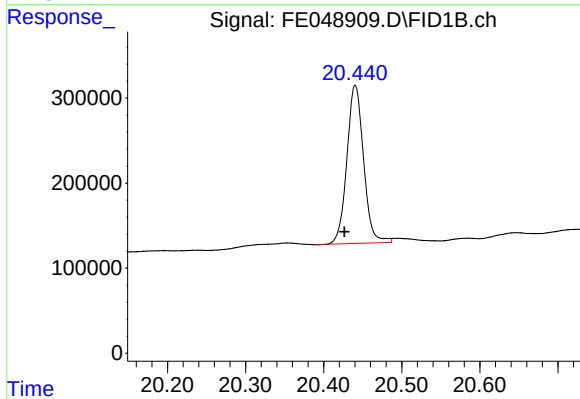
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.012 min
Response: 2943096
Conc: 20.58 ug/ml



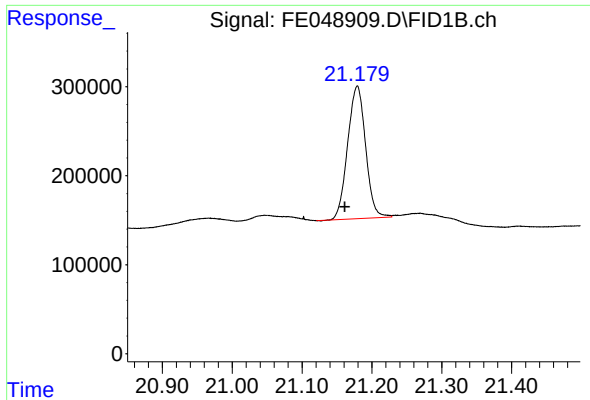
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: 0.013 min
Response: 2775244
Conc: 20.06 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: 0.014 min
Response: 2764938
Conc: 21.27 ug/ml



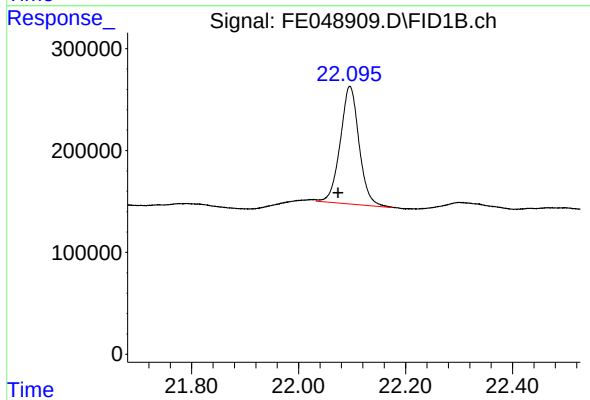
#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: 0.018 min
Response: 2658352
Conc: 20.74 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Ankita Jodhani 06/28/2024



#22 n-Tetracontane (C40)

R.T.: 22.095 min
Delta R.T.: 0.021 min
Response: 2825179
Conc: 23.07 ug/ml m