

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071024AL\
 Data File : FE049034.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2024 08:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :Ankita Jodhani 07/11/2024

Integration File: autoint1.e
 Quant Time: Jul 11 04:11:12 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)	11.923	2820828	16.870 ug/ml
Spiked Amount 50.000		Recovery =	33.74%
12) S 1-chlorooctadecane (S...	13.358	2149063	16.713 ug/ml
Spiked Amount 50.000		Recovery =	33.43%
Target Compounds			
1) T n-Nonane (C9)	3.313	2706711	18.004 ug/ml
2) T n-Decane (C10)	4.561	2822973	18.344 ug/ml
3) T A~Naphthalene (C11.7)	6.268	2844638	17.919 ug/ml
4) T n-Dodecane (C12)	6.727	2815603	18.239 ug/ml
5) T A~2-methylnaphthalene...	7.364	2716668	17.939 ug/ml
6) T n-Tetradecane (C14)	8.555	2752163	17.957 ug/ml
7) T n-Hexadecane (C16)	10.162	2792094	17.857 ug/ml
8) T n-Octadecane (C18)	11.604	2781372	17.440 ug/ml
10) T n-Eicosane (C20)	12.913	2645134	17.061 ug/ml
11) T n-Heneicosane (C21)	13.525	2593011	17.030 ug/ml
13) T n-Docosane (C22)	14.111	2571729	17.005 ug/ml
14) T n-Tetracosane (C24)	15.214	2592720	17.253 ug/mlm
15) T n-Hexacosane (C26)	16.233	2567062	17.388 ug/ml
16) T n-Octacosane (C28)	17.183	2562086	17.766 ug/ml
17) T n-Tricontane (C30)	18.070	2702839	18.475 ug/ml
18) T n-Dotriacontane (C32)	18.901	2707179	18.934 ug/ml
19) T n-Tetratriacontane (C34)	19.685	2654212	19.182 ug/ml
20) T n-Hexatriacontane (C36)	20.424	2583476	19.878 ug/ml
21) T n-Octatriacontane (C38)	21.158	2626406	20.488 ug/ml
22) T n-Tetracontane (C40)	22.068	2737977	22.358 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071024AL\
Data File : FE049034.D
Signal(s) : FID1B.ch
Acq On : 10 Jul 2024 08:44
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 100 Sample Multiplier: 1

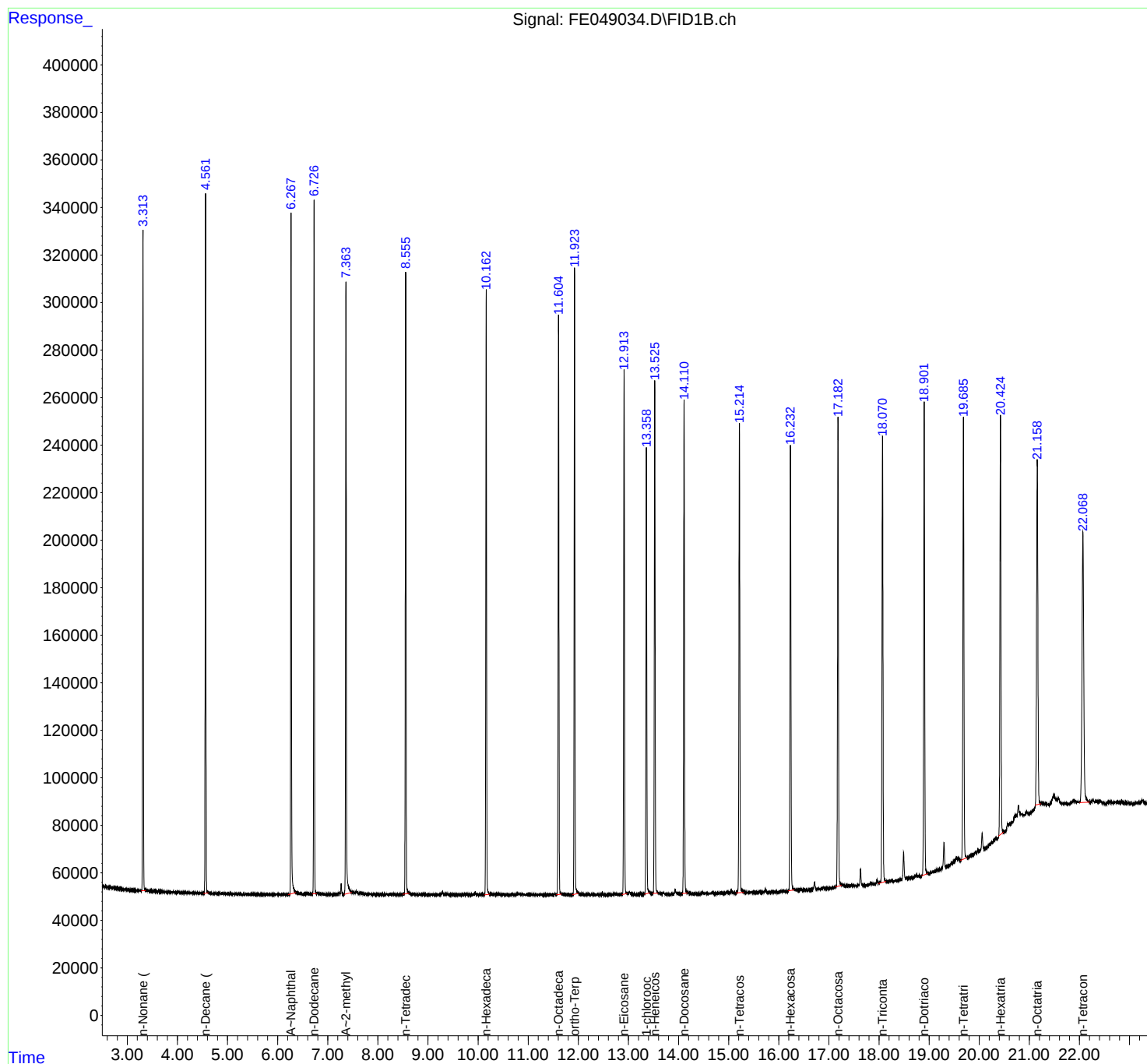
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

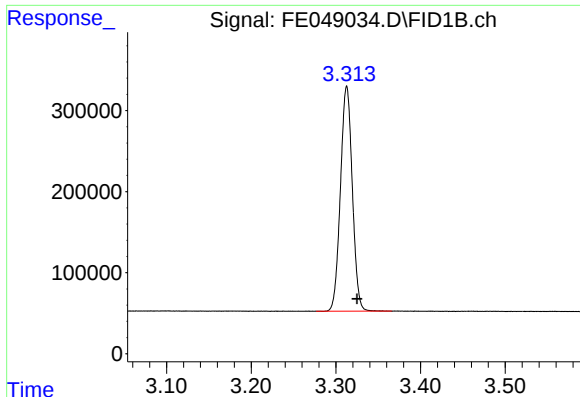
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :Ankita Jodhani 07/11/2024

Integration File: autoint1.e
Quant Time: Jul 11 04:11:12 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





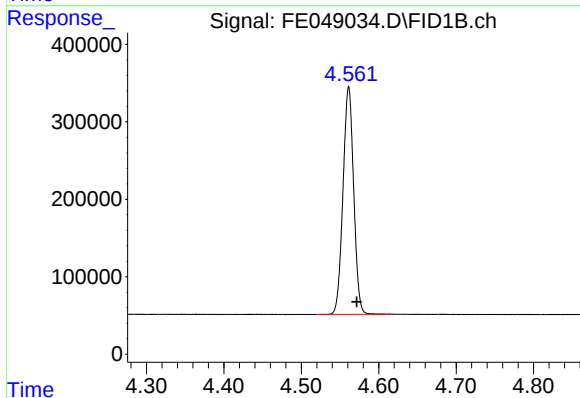
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.012 min
Response: 2706711
Conc: 18.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

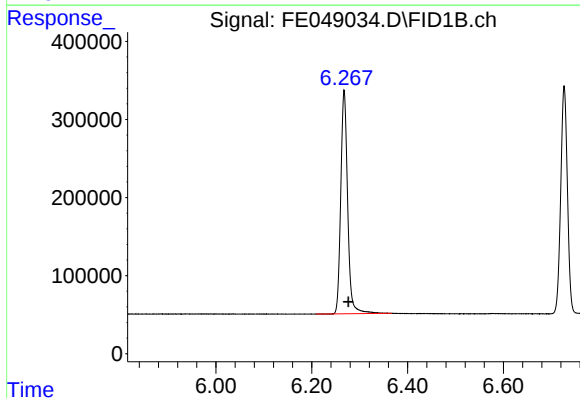
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :Ankita Jodhani 07/11/2024



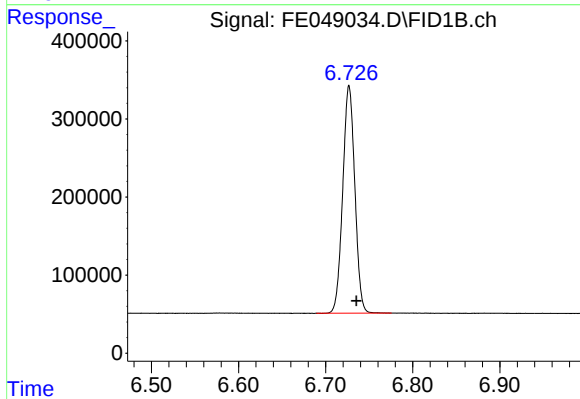
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: -0.010 min
Response: 2822973
Conc: 18.34 ug/ml



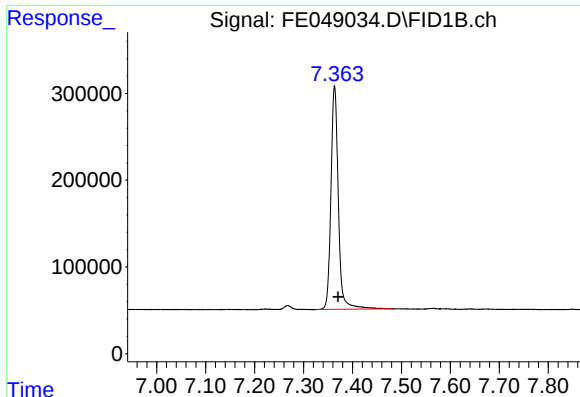
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: -0.009 min
Response: 2844638
Conc: 17.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.727 min
Delta R.T.: -0.008 min
Response: 2815603
Conc: 18.24 ug/ml



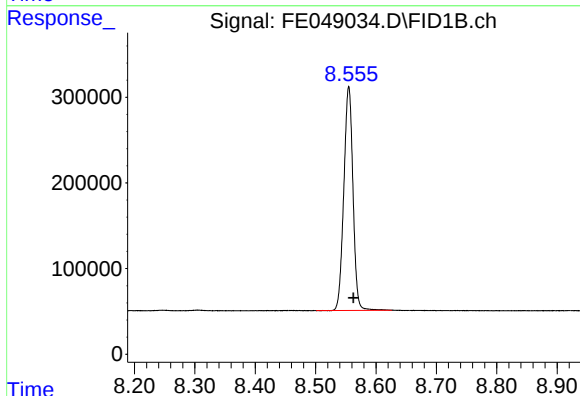
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: -0.007 min
Response: 2716668
Conc: 17.94 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

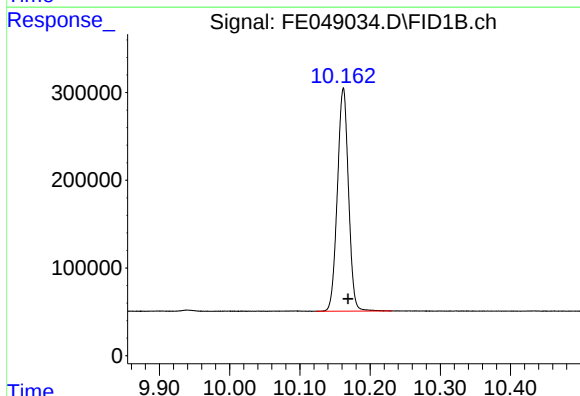
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :Ankita Jodhani 07/11/2024



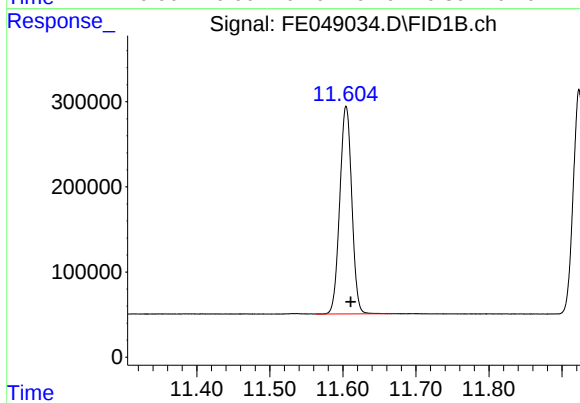
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: -0.007 min
Response: 2752163
Conc: 17.96 ug/ml



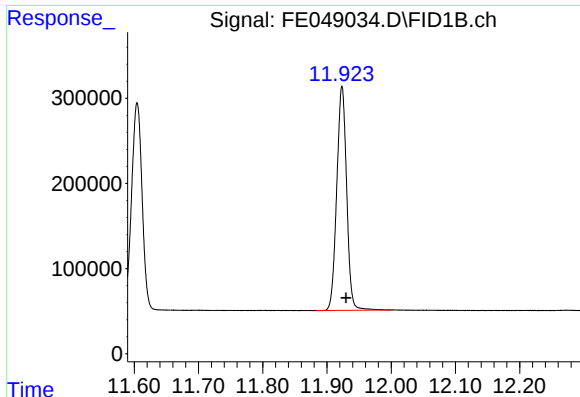
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.007 min
Response: 2792094
Conc: 17.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.604 min
Delta R.T.: -0.007 min
Response: 2781372
Conc: 17.44 ug/ml



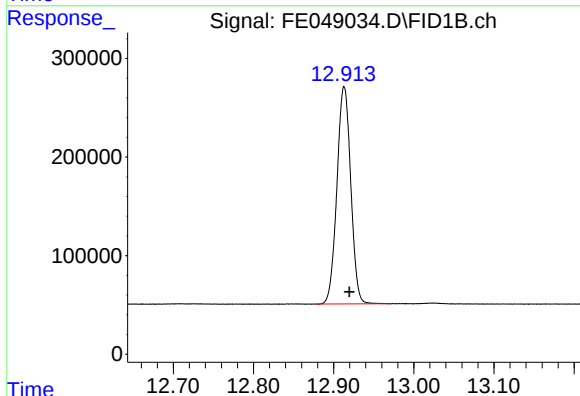
#9 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: -0.006 min
Response: 2820828
Conc: 16.87 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

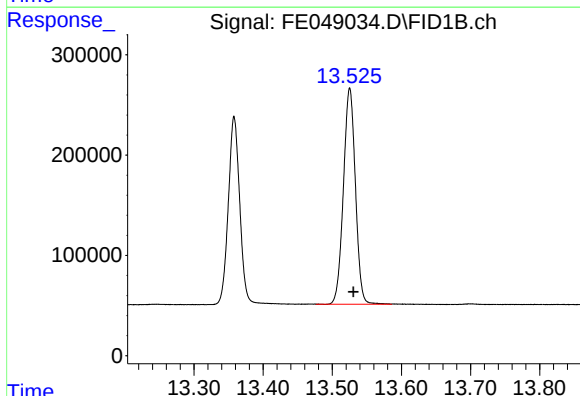
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :Ankita Jodhani 07/11/2024



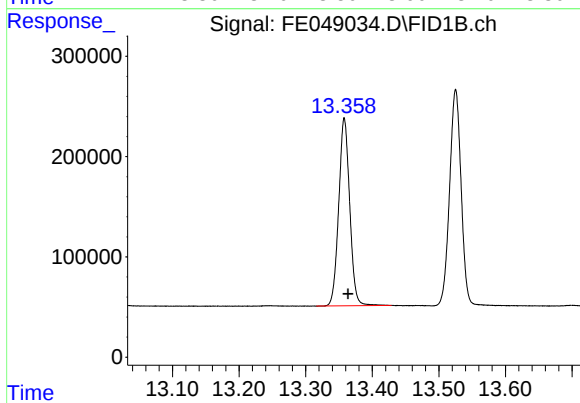
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: -0.006 min
Response: 2645134
Conc: 17.06 ug/ml



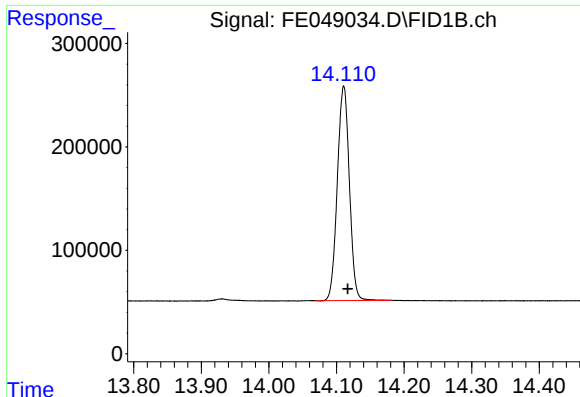
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: -0.006 min
Response: 2593011
Conc: 17.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: -0.006 min
Response: 2149063
Conc: 16.71 ug/ml



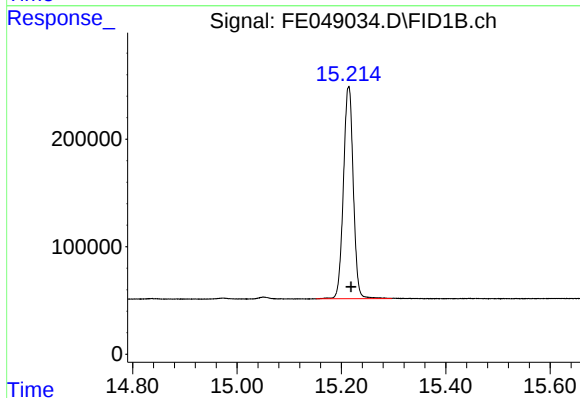
#13 n-Docosane (C22)

R.T.: 14.111 min
Delta R.T.: -0.006 min
Response: 2571729
Conc: 17.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

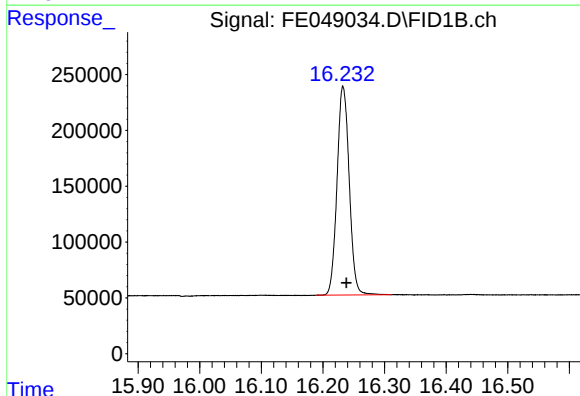
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :Ankita Jodhani 07/11/2024



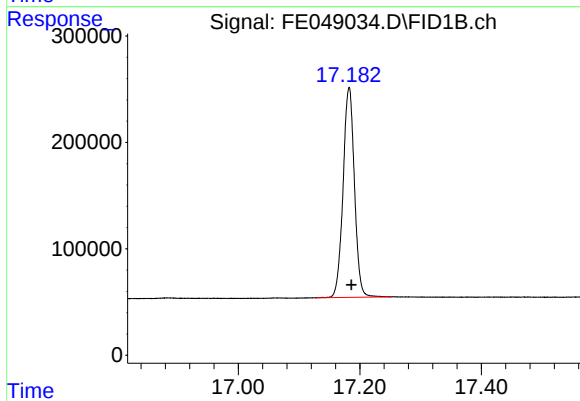
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: -0.004 min
Response: 2592720
Conc: 17.25 ug/ml m



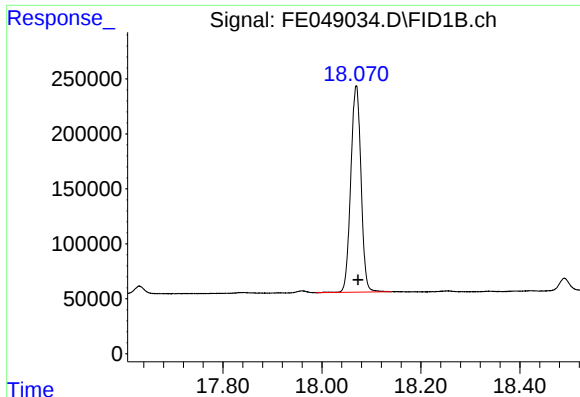
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: -0.006 min
Response: 2567062
Conc: 17.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.183 min
Delta R.T.: -0.004 min
Response: 2562086
Conc: 17.77 ug/ml



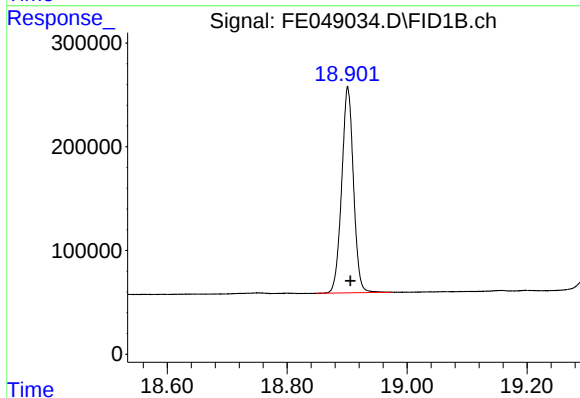
#17 n-Tricontane (C30)

R.T.: 18.070 min
Delta R.T.: -0.004 min
Response: 2702839
Conc: 18.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

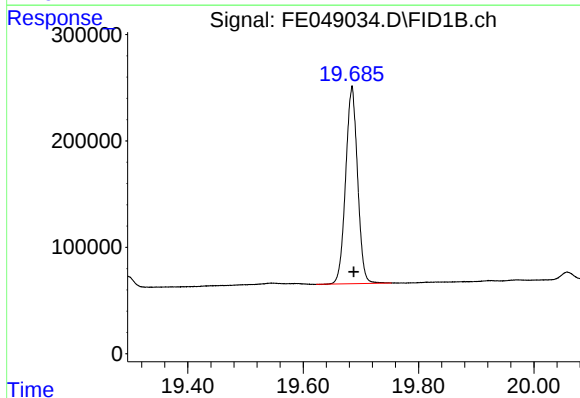
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :Ankita Jodhani 07/11/2024



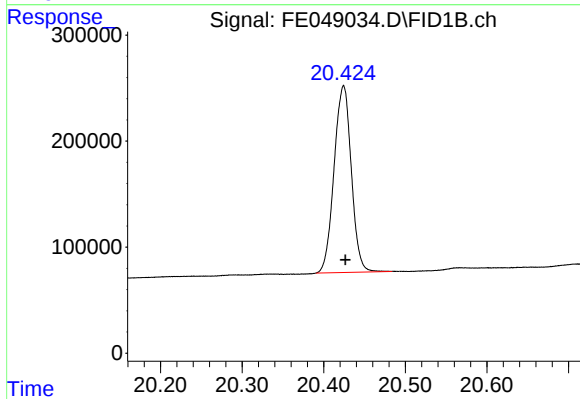
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: -0.004 min
Response: 2707179
Conc: 18.93 ug/ml



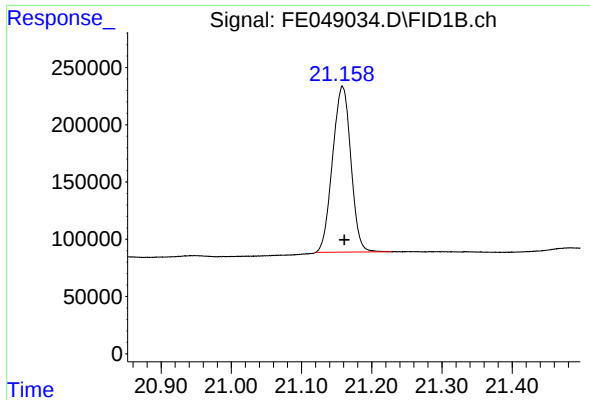
#19 n-Tetratriacontane (C34)

R.T.: 19.685 min
Delta R.T.: -0.003 min
Response: 2654212
Conc: 19.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.424 min
Delta R.T.: -0.002 min
Response: 2583476
Conc: 19.88 ug/ml



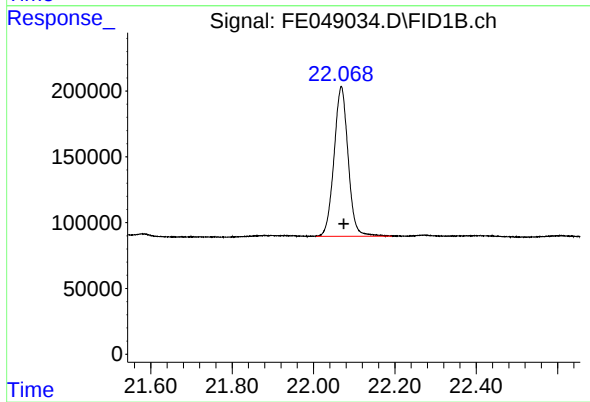
#21 n-Octatriacontane (C38)

R.T.: 21.158 min
Delta R.T.: -0.003 min
Response: 2626406
Conc: 20.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :Ankita Jodhani 07/11/2024



#22 n-Tetracontane (C40)

R.T.: 22.068 min
Delta R.T.: -0.006 min
Response: 2737977
Conc: 22.36 ug/ml m