

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102524AL\
 Data File : FE050832.D
 Signal(s) : FID1B.ch
 Acq On : 25 Oct 2024 11:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2024
 Supervised By :Ankita Jodhani 10/28/2024

Integration File: autoint1.e
 Quant Time: Oct 26 01:34:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.856	2977158	18.884 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
12) S 1-chlorooctadecane (S...	13.289	2273023	19.215 ug/ml
Spiked Amount 50.000		Recovery =	38.43%
Target Compounds			
1) T n-Nonane (C9)	3.247	2642863	18.705 ug/ml
2) T n-Decane (C10)	4.496	2710284	18.890 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2644095	18.491 ug/ml
4) T n-Dodecane (C12)	6.662	2728009	18.953 ug/ml
5) T A~2-methylnaphthalene...	7.303	2494722	18.831 ug/ml
6) T n-Tetradecane (C14)	8.489	2715556	18.981 ug/ml
7) T n-Hexadecane (C16)	10.094	2819087	19.155 ug/ml
8) T n-Octadecane (C18)	11.536	2853564	19.104 ug/mlm
10) T n-Eicosane (C20)	12.843	2756917	19.225 ug/mlm
11) T n-Heneicosane (C21)	13.454	2683536	19.109 ug/ml
13) T n-Docosane (C22)	14.038	2743542	19.555 ug/mlm
14) T n-Tetracosane (C24)	15.140	2866349	20.289 ug/mlm
15) T n-Hexacosane (C26)	16.161	2956722	21.012 ug/mlm
16) T n-Octacosane (C28)	17.110	3162861	21.615 ug/ml
17) T n-Tricontane (C30)	17.997	3508105	22.063 ug/ml
18) T n-Dotriacontane (C32)	18.828	3532956	21.793 ug/ml
19) T n-Tetratriacontane (C34)	19.610	3196683	21.762 ug/ml
20) T n-Hexatriacontane (C36)	20.350	2571902	20.281 ug/ml
21) T n-Octatriacontane (C38)	21.073	2271468	18.371 ug/ml
22) T n-Tetracontane (C40)	21.958	1962555	17.625 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102524AL\
Data File : FE050832.D
Signal(s) : FID1B.ch
Acq On : 25 Oct 2024 11:37
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

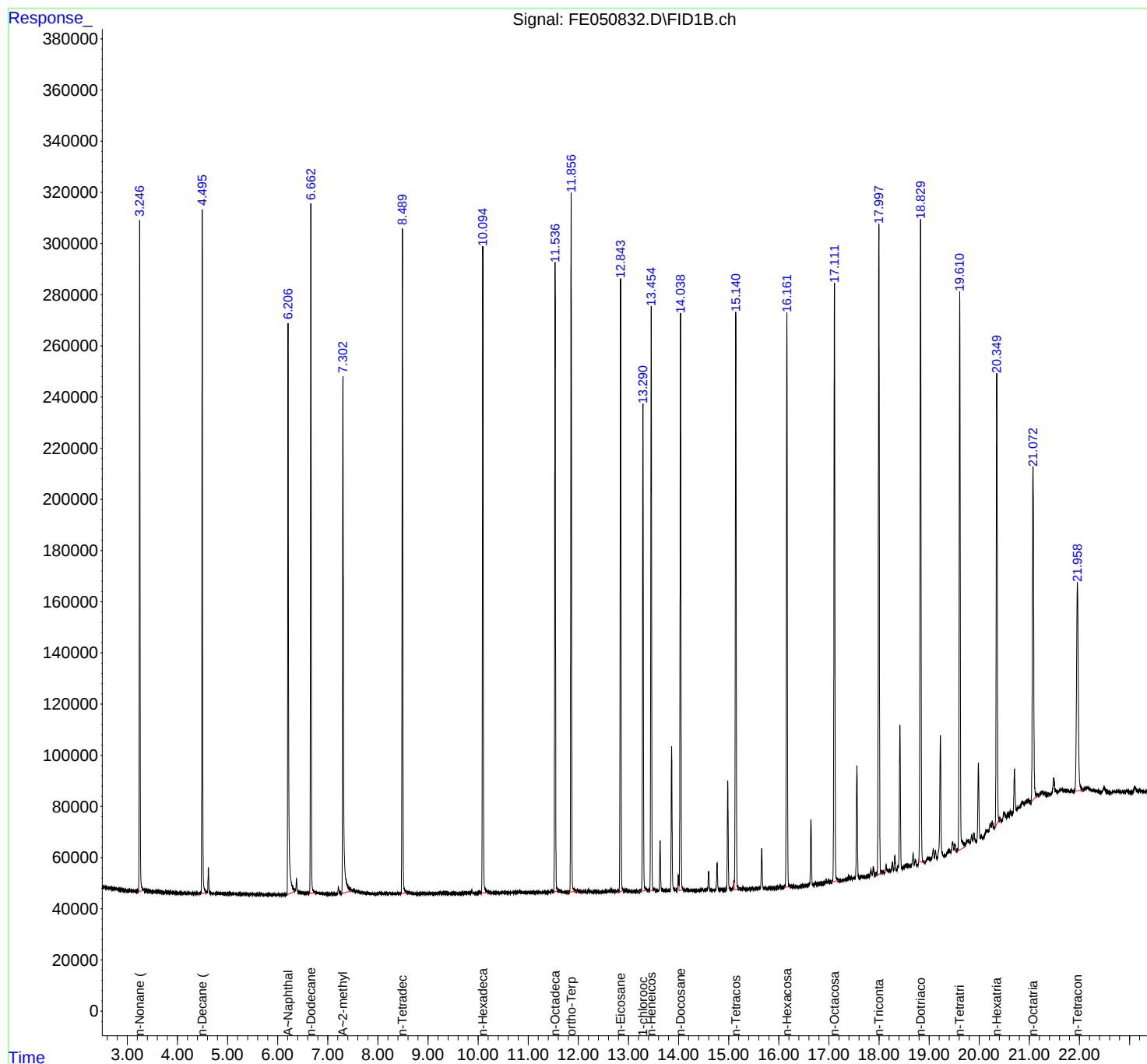
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

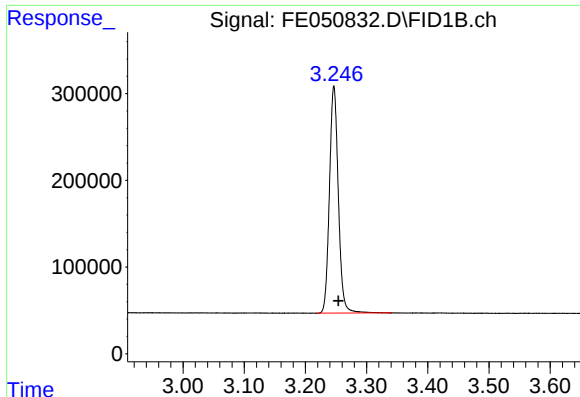
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024

Integration File: autoint1.e
Quant Time: Oct 26 01:34:55 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 07 16:32:18 2024
Response via : Initial Calibration
Integrator: ChemStation

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





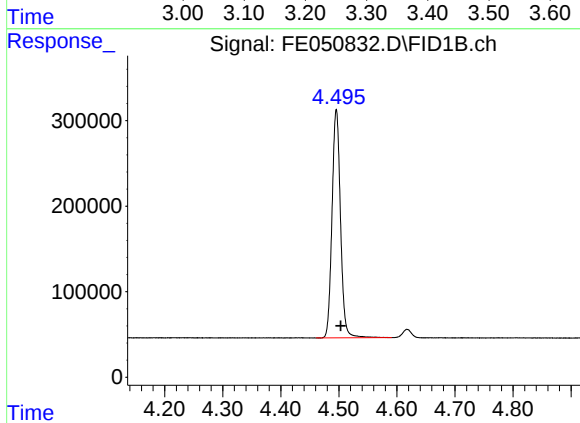
#1 n-Nonane (C9)

R.T.: 3.247 min
Delta R.T.: -0.007 min
Response: 2642863
Conc: 18.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

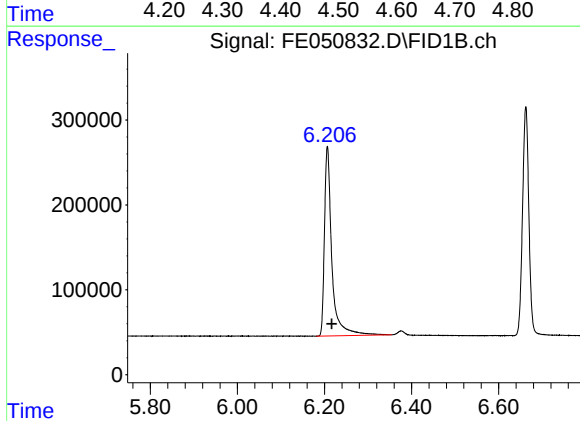
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



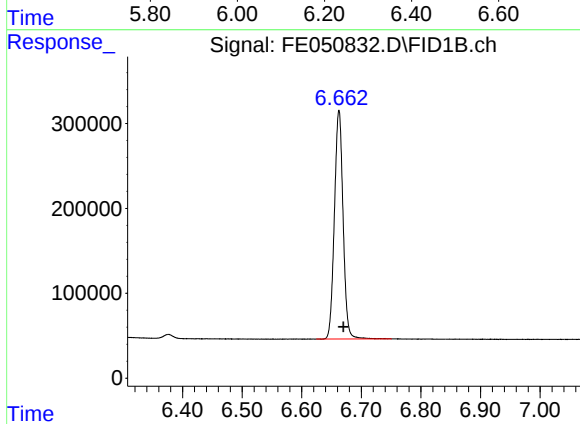
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: -0.007 min
Response: 2710284
Conc: 18.89 ug/ml



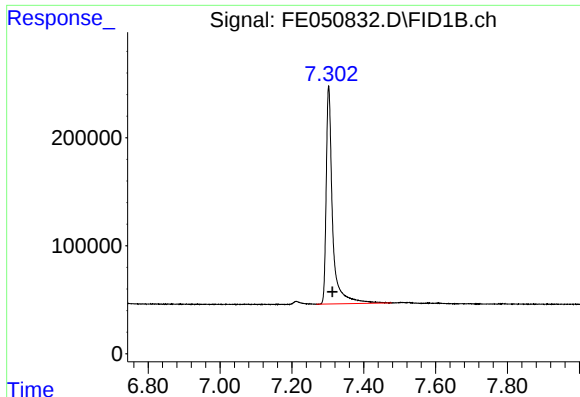
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.010 min
Response: 2644095
Conc: 18.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.662 min
Delta R.T.: -0.007 min
Response: 2728009
Conc: 18.95 ug/ml



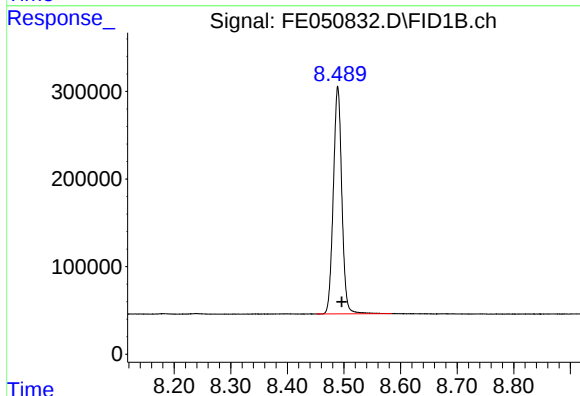
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.303 min
Delta R.T.: -0.009 min
Response: 2494722
Conc: 18.83 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

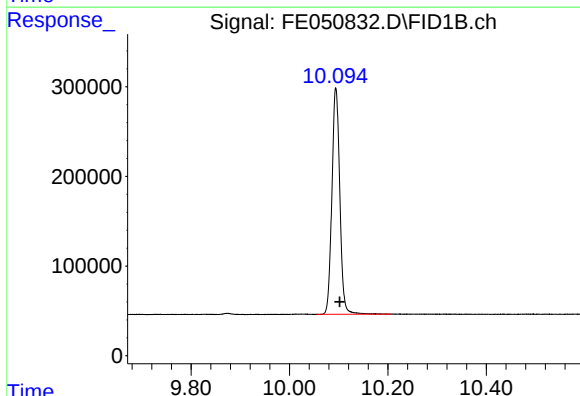
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



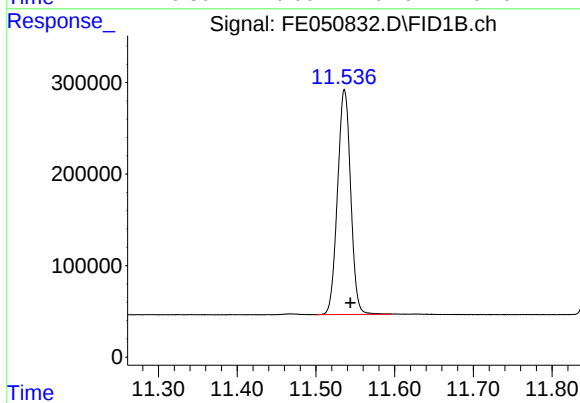
#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: -0.007 min
Response: 2715556
Conc: 18.98 ug/ml



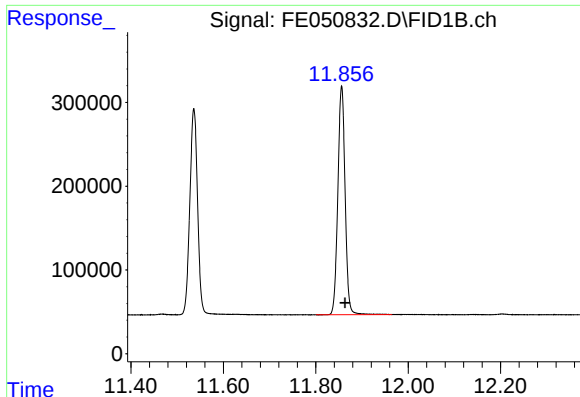
#7 n-Hexadecane (C16)

R.T.: 10.094 min
Delta R.T.: -0.008 min
Response: 2819087
Conc: 19.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.536 min
Delta R.T.: -0.008 min
Response: 2853564
Conc: 19.10 ug/ml m



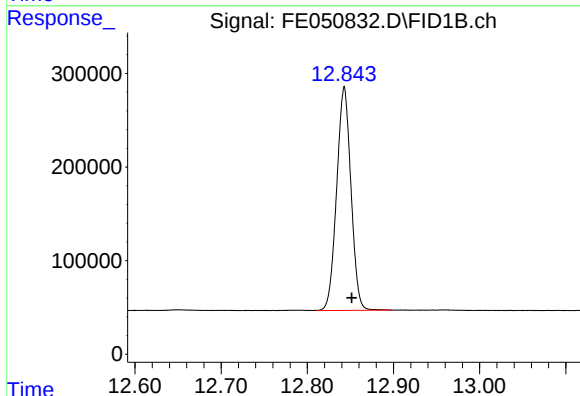
#9 ortho-Terphenyl (SURR)

R.T.: 11.856 min
Delta R.T.: -0.007 min
Response: 2977158
Conc: 18.88 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

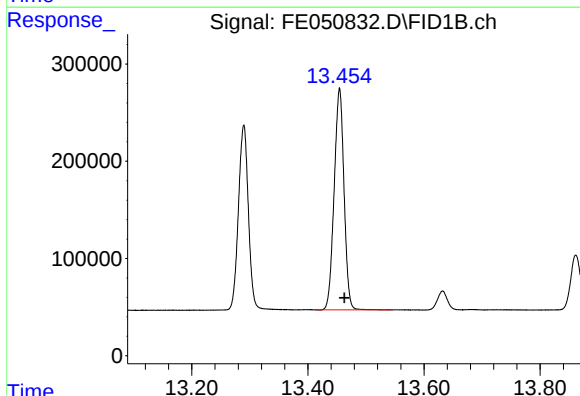
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



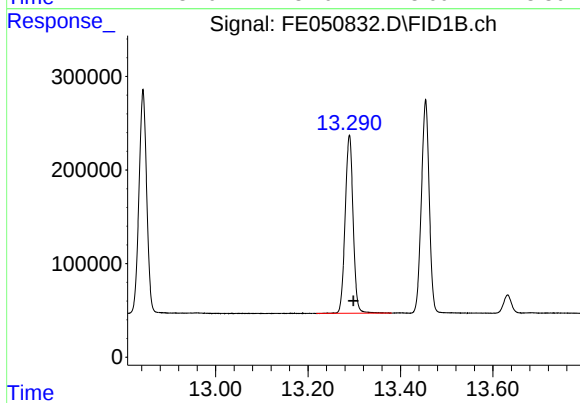
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.009 min
Response: 2756917
Conc: 19.23 ug/ml m



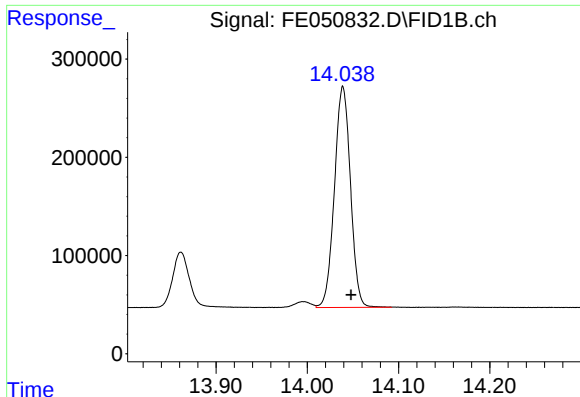
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.008 min
Response: 2683536
Conc: 19.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.289 min
Delta R.T.: -0.009 min
Response: 2273023
Conc: 19.22 ug/ml



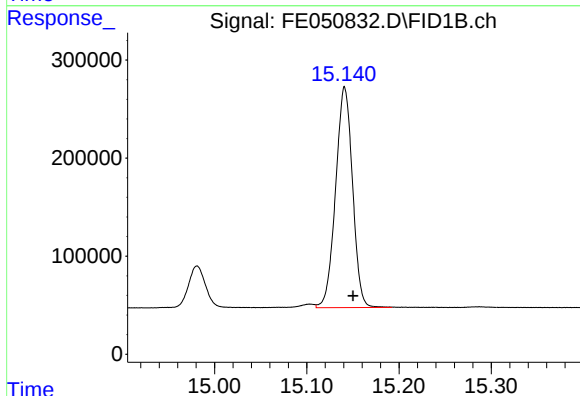
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.009 min
Response: 2743542
Conc: 19.56 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

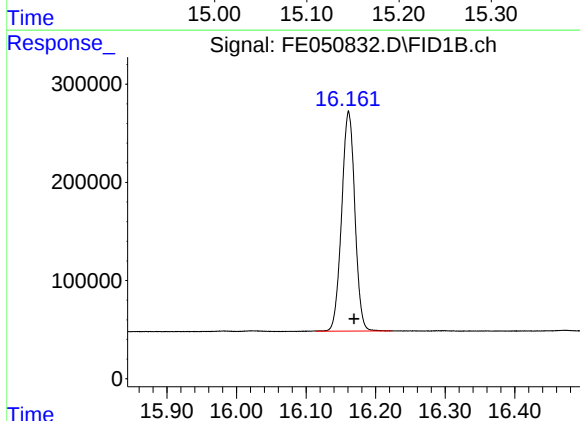
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



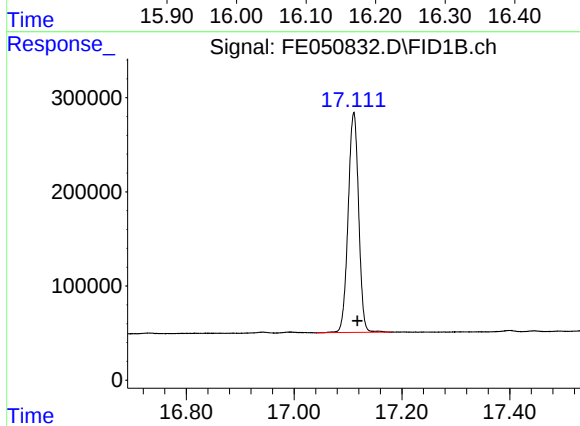
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.010 min
Response: 2866349
Conc: 20.29 ug/ml m



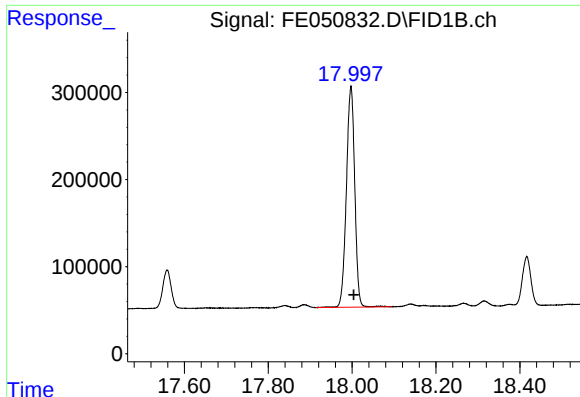
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.009 min
Response: 2956722
Conc: 21.01 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.110 min
Delta R.T.: -0.007 min
Response: 3162861
Conc: 21.61 ug/ml



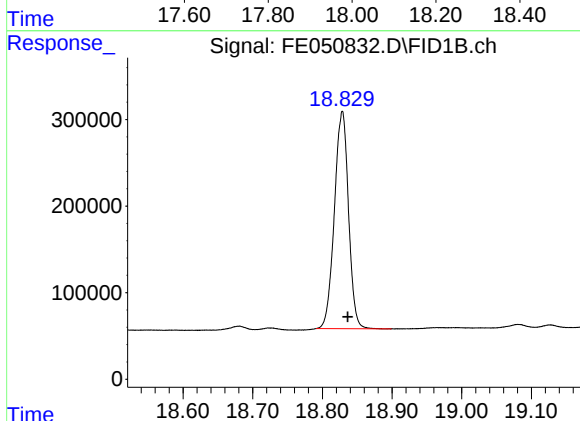
#17 n-Tricontane (C30)

R.T.: 17.997 min
Delta R.T.: -0.007 min
Response: 3508105
Conc: 22.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

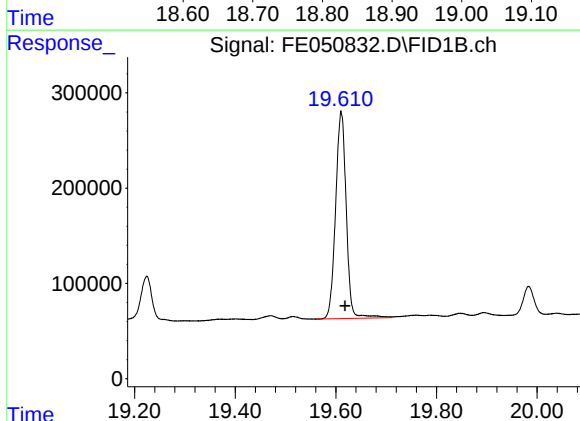
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



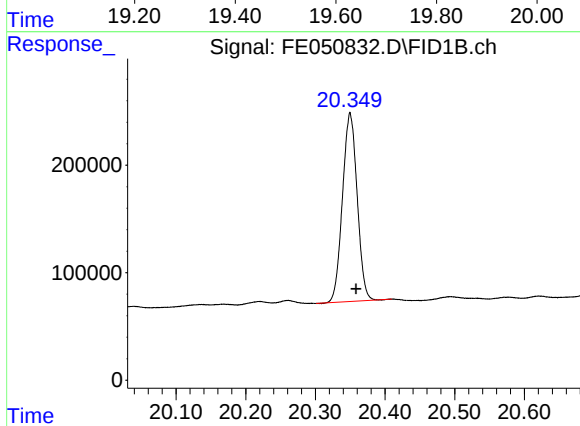
#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.009 min
Response: 3532956
Conc: 21.79 ug/ml



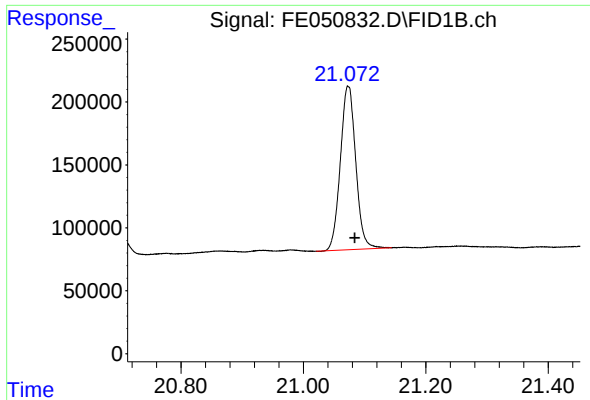
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: -0.008 min
Response: 3196683
Conc: 21.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.350 min
Delta R.T.: -0.009 min
Response: 2571902
Conc: 20.28 ug/ml



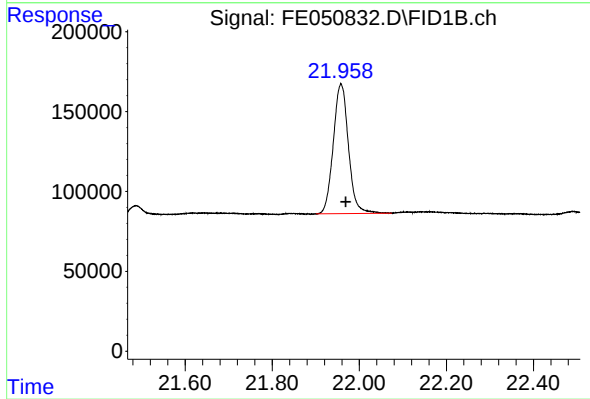
#21 n-Octatriacontane (C38)

R.T.: 21.073 min
Delta R.T.: -0.011 min
Response: 2271468
Conc: 18.37 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



#22 n-Tetracontane (C40)

R.T.: 21.958 min
Delta R.T.: -0.011 min
Response: 1962555
Conc: 17.63 ug/ml