

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040823AL\
 Data File : FE041263.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2023 16:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 01:37:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 2023
 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)	11.837	3883543	20.664 ug/ml
Spiked Amount 50.000		Recovery =	41.33%
12) S 1-chlorooctadecane (S...	13.275	2984081	20.740 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
Target Compounds			
1) T n-Nonane (C9)	3.239	3408512	19.644 ug/ml
2) T n-Decane (C10)	4.485	3432514	20.165 ug/ml
3) T A~Naphthalene (C11.7)	6.187	3761396	20.564 ug/ml
4) T n-Dodecane (C12)	6.648	3521383	20.301 ug/ml
5) T A~2-methylnaphthalene...	7.282	3507172	21.177 ug/ml
6) T n-Tetradecane (C14)	8.475	3563673	20.438 ug/ml
7) T n-Hexadecane (C16)	10.081	3663424	20.598 ug/ml
8) T n-Octadecane (C18)	11.522	3712244	20.791 ug/ml
10) T n-Eicosane (C20)	12.830	3581792	20.998 ug/ml
11) T n-Heneicosane (C21)	13.443	3549995	20.983 ug/ml
13) T n-Docosane (C22)	14.028	3529003	21.325 ug/ml
14) T n-Tetracosane (C24)	15.132	3548264	21.932 ug/ml
15) T n-Hexacosane (C26)	16.154	3459359	22.316 ug/ml
16) T n-Octacosane (C28)	17.105	3526553	23.022 ug/ml
17) T n-Tricontane (C30)	17.994	3666582	23.987 ug/ml
18) T n-Dotriacontane (C32)	18.828	3729979	23.890 ug/mlm
19) T n-Tetratriacontane (C34)	19.612	3641278	23.497 ug/mlm
20) T n-Hexatriacontane (C36)	20.352	3457896	22.765 ug/mlm
21) T n-Octatriacontane (C38)	21.077	3506158	22.444 ug/mlm
22) T n-Tetracontane (C40)	21.953	3521407	22.063 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040823AL\
Data File : FE041263.D
Signal(s) : FID1B.ch
Acq On : 08 Apr 2023 16:25
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

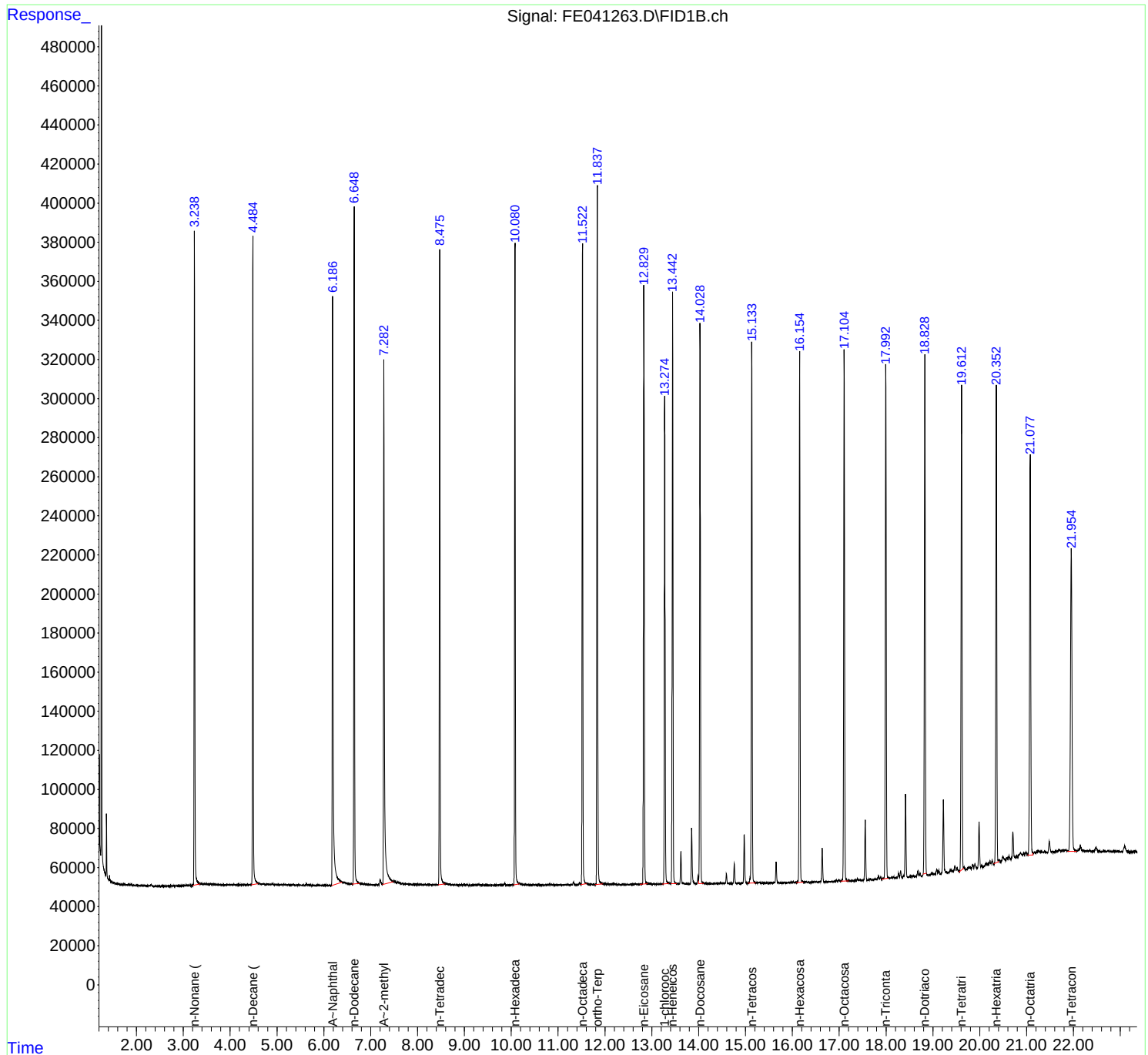
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

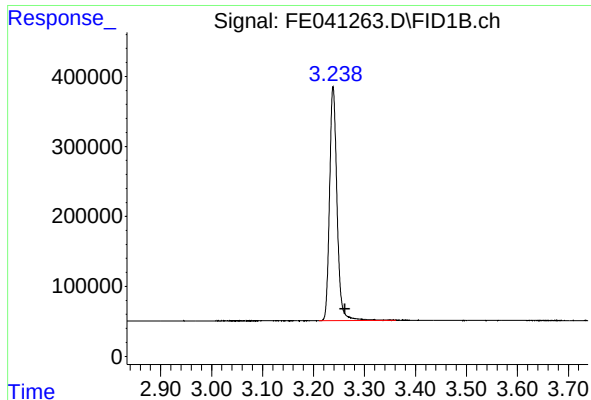
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
Quant Time: Apr 10 01:37:53 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.
Quant Title : GC Extractables
QLast Update : Sat Mar 25 06:32:15 2023
Response via : Initial Calibration
Integrator: ChemStation

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





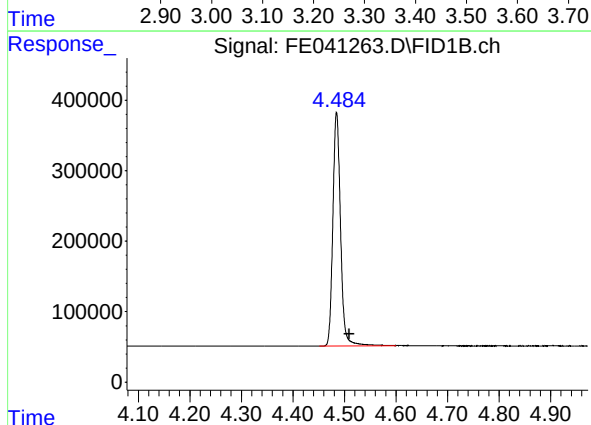
#1 n-Nonane (C9)

R.T.: 3.239 min
Delta R.T.: -0.023 min
Response: 3408512
Conc: 19.64 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

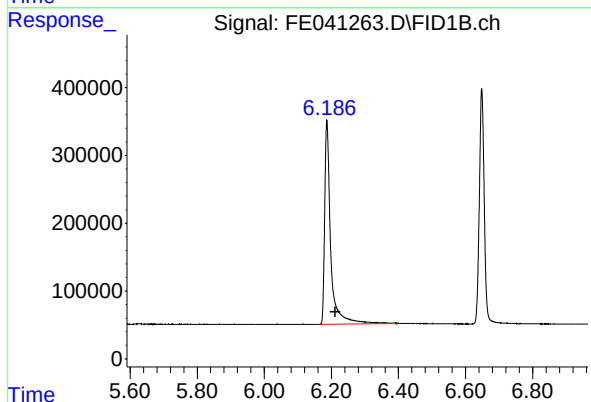
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



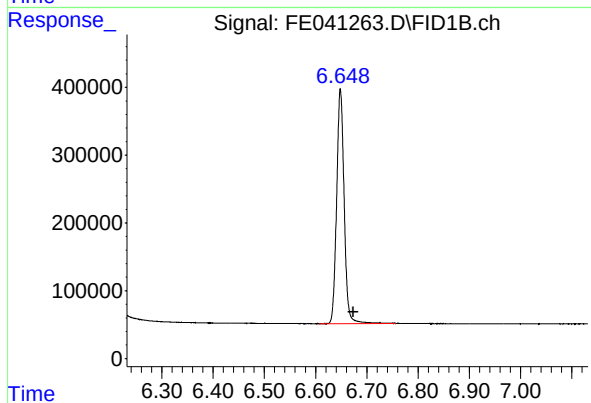
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.024 min
Response: 3432514
Conc: 20.17 ug/ml



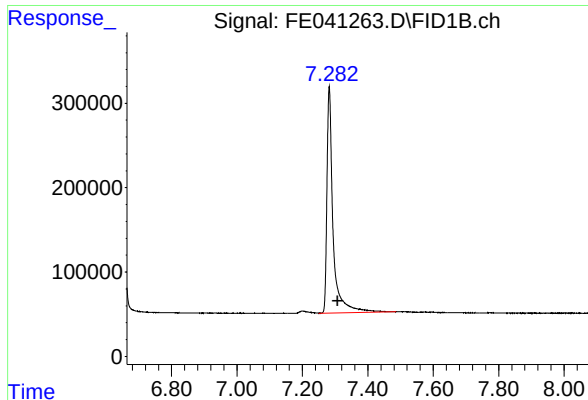
#3 A~Naphthalene (C11.7)

R.T.: 6.187 min
Delta R.T.: -0.025 min
Response: 3761396
Conc: 20.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.648 min
Delta R.T.: -0.025 min
Response: 3521383
Conc: 20.30 ug/ml



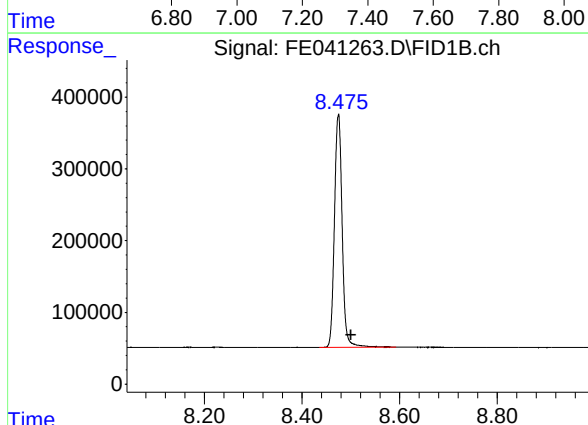
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.282 min
Delta R.T.: -0.025 min
Response: 3507172
Conc: 21.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

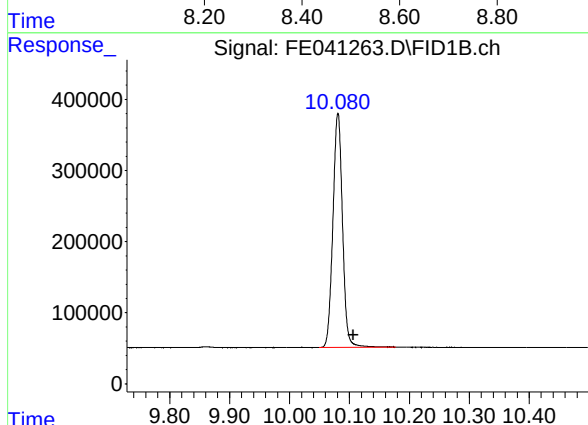
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



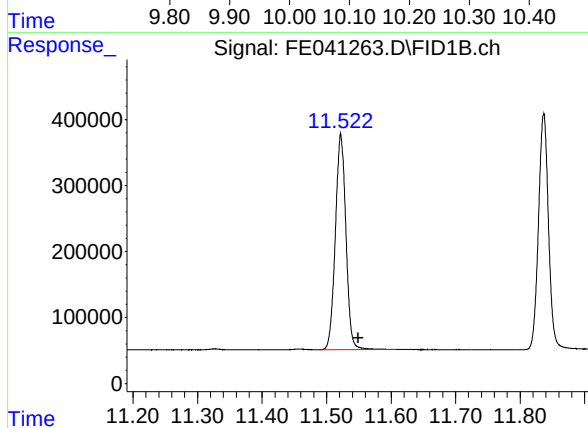
#6 n-Tetradecane (C14)

R.T.: 8.475 min
Delta R.T.: -0.026 min
Response: 3563673
Conc: 20.44 ug/ml



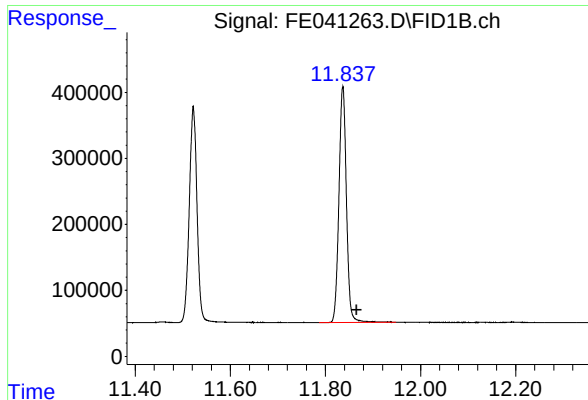
#7 n-Hexadecane (C16)

R.T.: 10.081 min
Delta R.T.: -0.026 min
Response: 3663424
Conc: 20.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.522 min
Delta R.T.: -0.027 min
Response: 3712244
Conc: 20.79 ug/ml



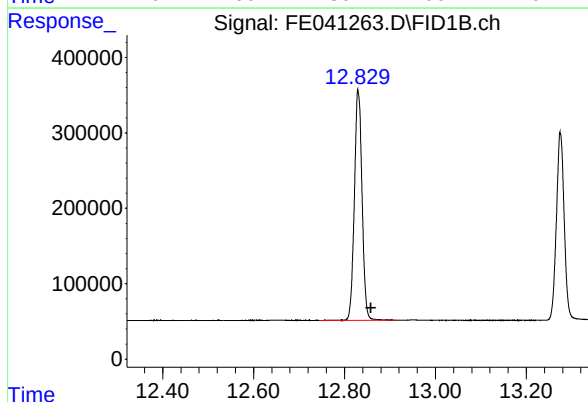
#9 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: -0.028 min
Response: 3883543
Conc: 20.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

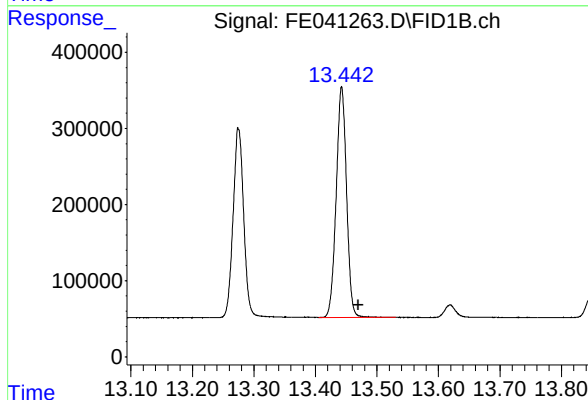
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



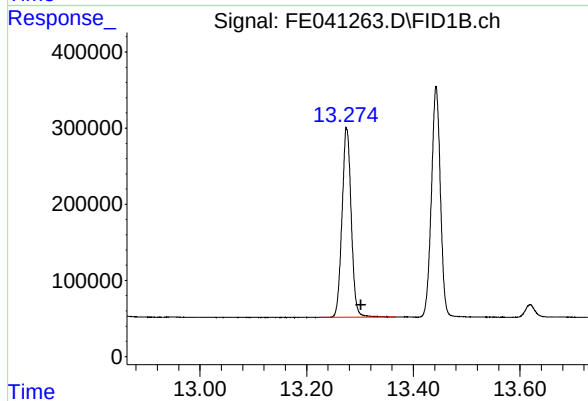
#10 n-Eicosane (C20)

R.T.: 12.830 min
Delta R.T.: -0.028 min
Response: 3581792
Conc: 21.00 ug/ml



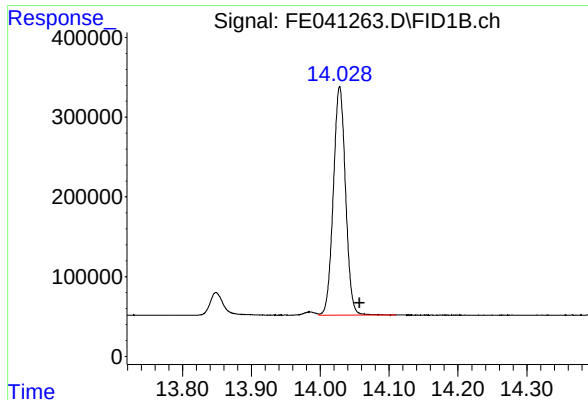
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.027 min
Response: 3549995
Conc: 20.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.275 min
Delta R.T.: -0.027 min
Response: 2984081
Conc: 20.74 ug/ml



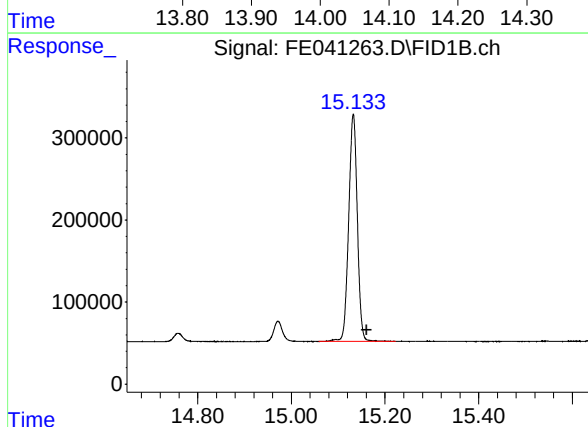
#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.029 min
Response: 3529003
Conc: 21.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

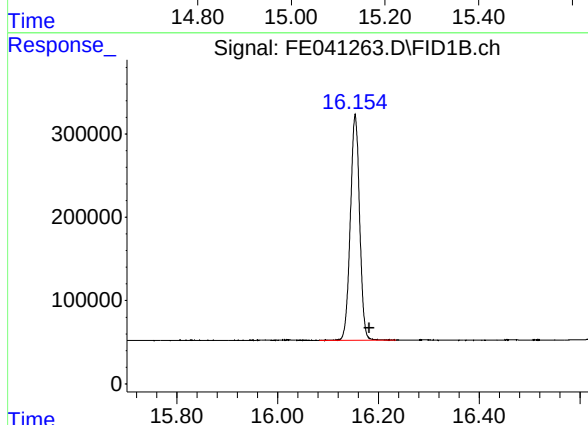
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



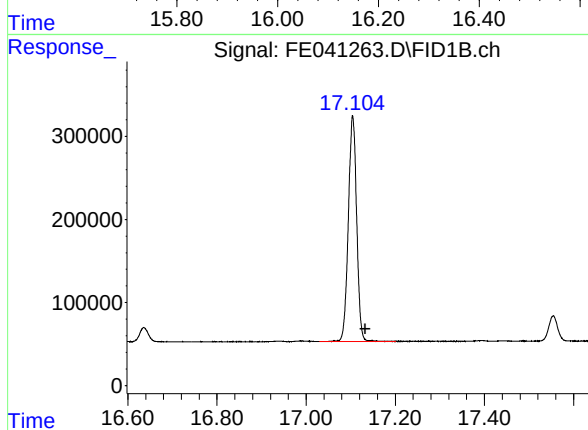
#14 n-Tetracosane (C24)

R.T.: 15.132 min
Delta R.T.: -0.028 min
Response: 3548264
Conc: 21.93 ug/ml



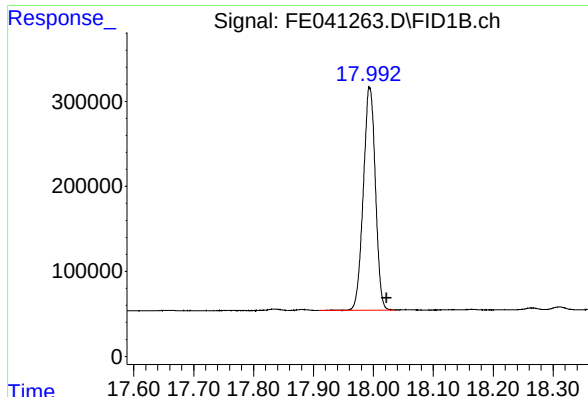
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.028 min
Response: 3459359
Conc: 22.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: -0.029 min
Response: 3526553
Conc: 23.02 ug/ml



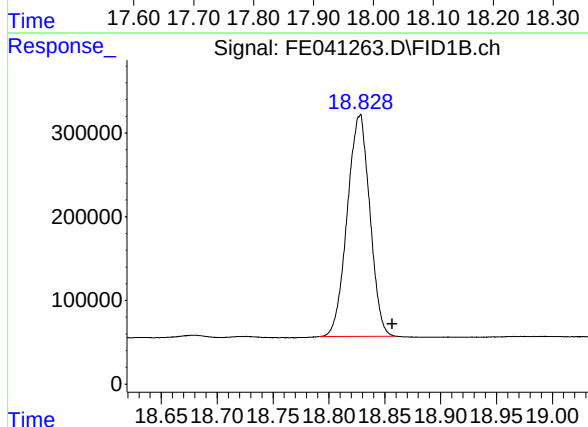
#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.029 min
Response: 3666582
Conc: 23.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

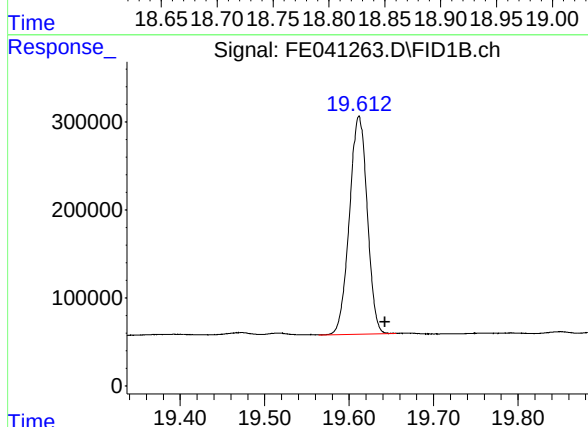
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



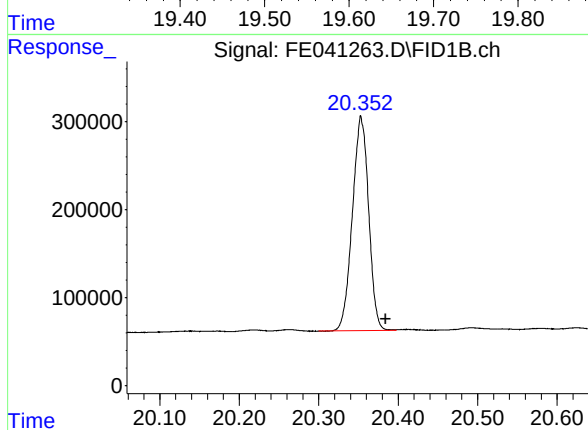
#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.028 min
Response: 3729979
Conc: 23.89 ug/ml m



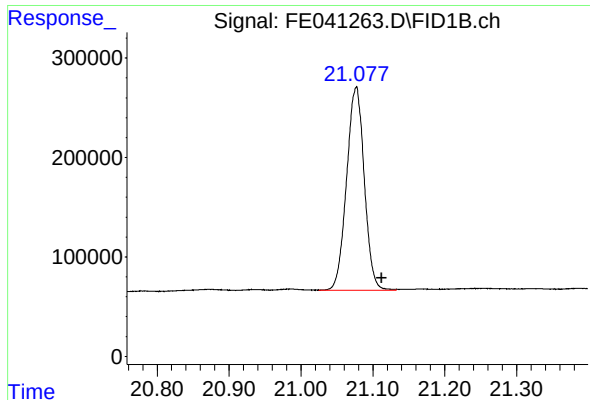
#19 n-Tetratriacontane (C34)

R.T.: 19.612 min
Delta R.T.: -0.031 min
Response: 3641278
Conc: 23.50 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.352 min
Delta R.T.: -0.032 min
Response: 3457896
Conc: 22.76 ug/ml m



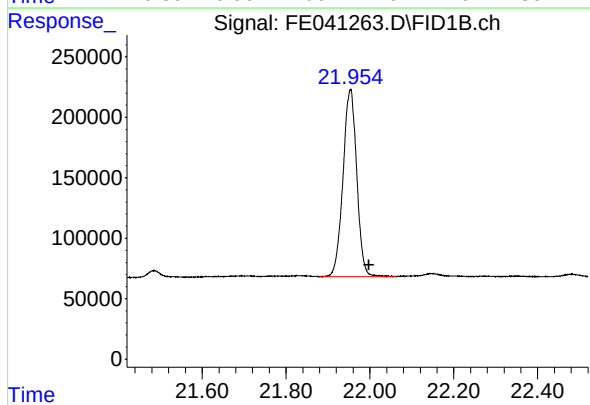
#21 n-Octatriacontane (C38)

R.T.: 21.077 min
Delta R.T.: -0.035 min
Response: 3506158
Conc: 22.44 ug/ml

Instrument : FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



#22 n-Tetracontane (C40)

R.T.: 21.953 min
Delta R.T.: -0.045 min
Response: 3521407
Conc: 22.06 ug/ml