

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032823AL\
 Data File : FE041042.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2023 10:55
 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 03/29/2023
 Supervised By :Ankita Jodhani 03/29/2023

Integration File: autoint1.e
 Quant Time: Mar 29 01:30:46 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)	11.855	3851785	20.495 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
12) S 1-chlorooctadecane (S...	13.293	2937487	20.416 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
Target Compounds			
1) T n-Nonane (C9)	3.254	3409249	19.648 ug/ml
2) T n-Decane (C10)	4.500	3513545	20.642 ug/ml
3) T A~Naphthalene (C11.7)	6.203	3887715	21.255 ug/ml
4) T n-Dodecane (C12)	6.665	3570827	20.586 ug/ml
5) T A~2-methylnaphthalene...	7.298	3647192	22.022 ug/ml
6) T n-Tetradecane (C14)	8.491	3597433	20.632 ug/ml
7) T n-Hexadecane (C16)	10.097	3657890	20.567 ug/ml
8) T n-Octadecane (C18)	11.540	3656396	20.478 ug/ml
10) T n-Eicosane (C20)	12.849	3489452	20.457 ug/ml
11) T n-Heneicosane (C21)	13.460	3446733	20.373 ug/ml
13) T n-Docosane (C22)	14.047	3380171	20.426 ug/ml
14) T n-Tetracosane (C24)	15.150	3334438	20.610 ug/ml
15) T n-Hexacosane (C26)	16.172	3237974	20.888 ug/ml
16) T n-Octacosane (C28)	17.122	3323835	21.699 ug/ml
17) T n-Tricontane (C30)	18.010	3582166	23.435 ug/ml
18) T n-Dotriacontane (C32)	18.844	3761716	24.094 ug/ml
19) T n-Tetratriacontane (C34)	19.629	3618448	23.350 ug/mlm
20) T n-Hexatriacontane (C36)	20.370	3388355	22.307 ug/ml
21) T n-Octatriacontane (C38)	21.098	3365115	21.541 ug/mlm
22) T n-Tetracontane (C40)	21.978	3483730	21.827 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032823AL\
Data File : FE041042.D
Signal(s) : FID1B.ch
Acq On : 28 Mar 2023 10:55
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

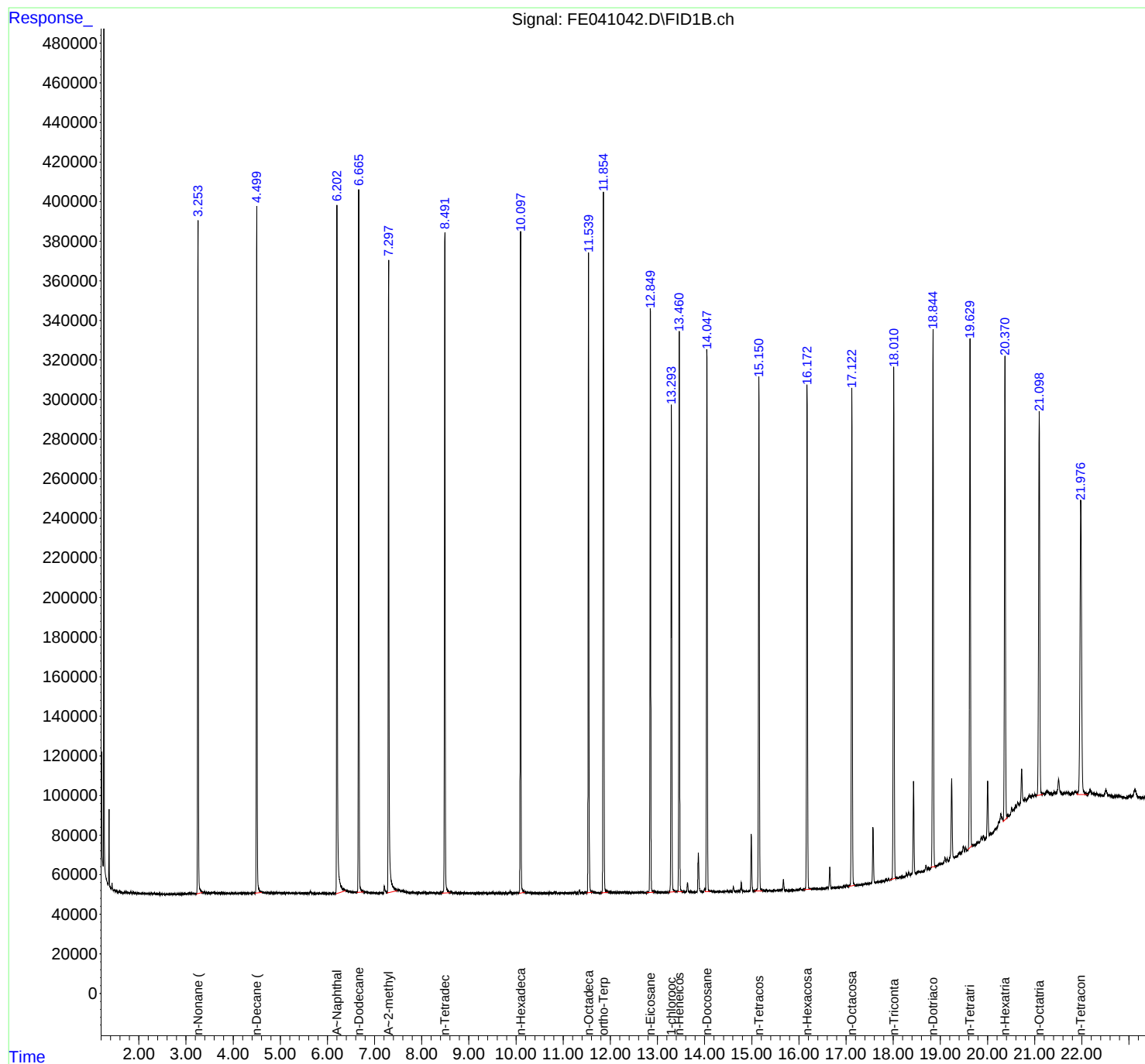
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

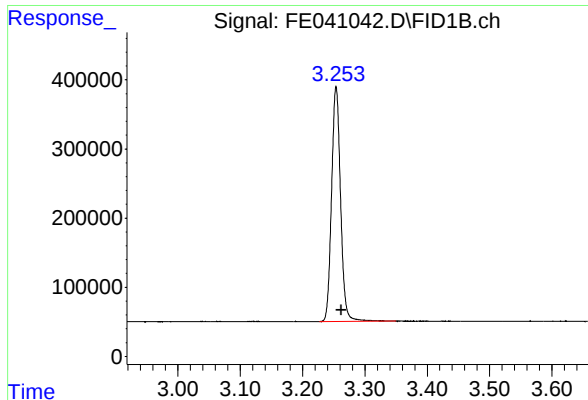
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/29/2023
Supervised By :Ankita Jodhani 03/29/2023

Integration File: autoint1.e
Quant Time: Mar 29 01:30:46 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





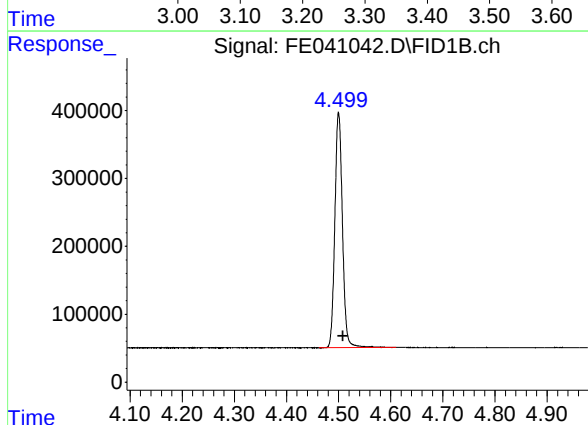
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: -0.008 min
Response: 3409249
Conc: 19.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

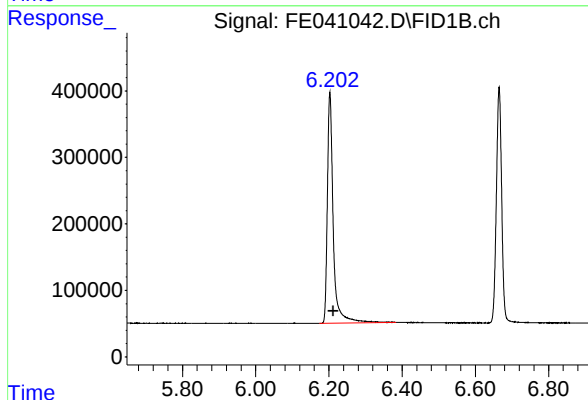
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/29/2023
Supervised By :Ankita Jodhani 03/29/2023



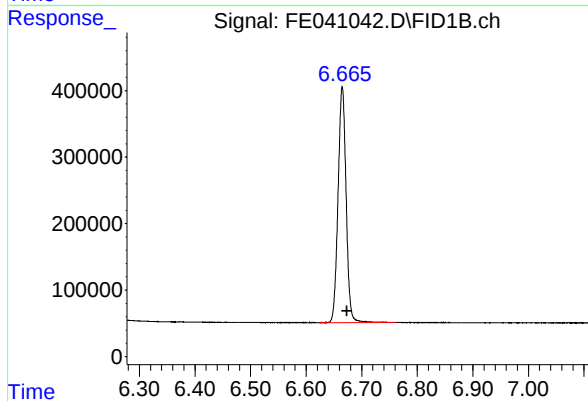
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.009 min
Response: 3513545
Conc: 20.64 ug/ml



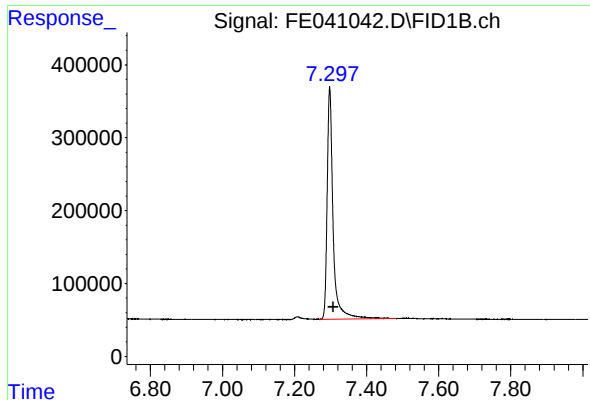
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min
Delta R.T.: -0.009 min
Response: 3887715
Conc: 21.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.665 min
Delta R.T.: -0.008 min
Response: 3570827
Conc: 20.59 ug/ml



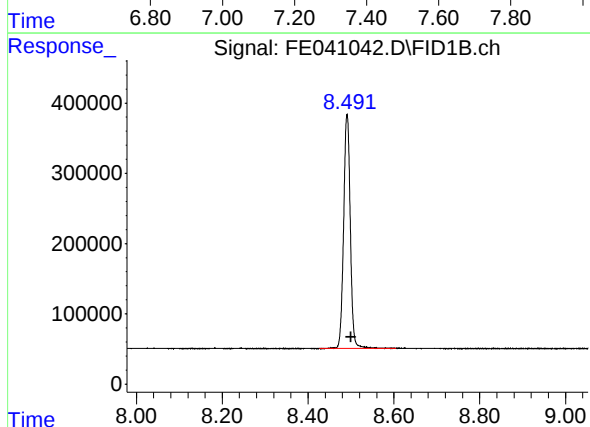
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.298 min
Delta R.T.: -0.010 min
Response: 3647192
Conc: 22.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

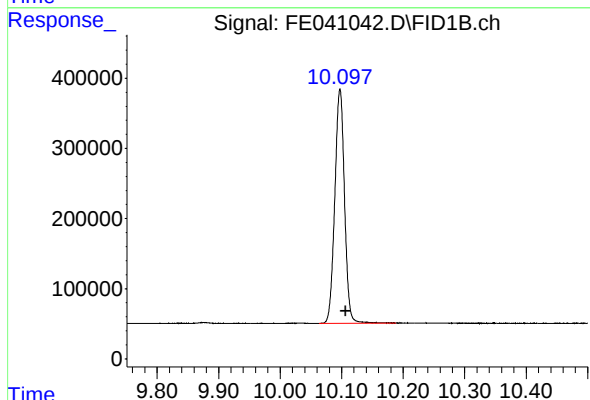
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/29/2023
Supervised By :Ankita Jodhani 03/29/2023



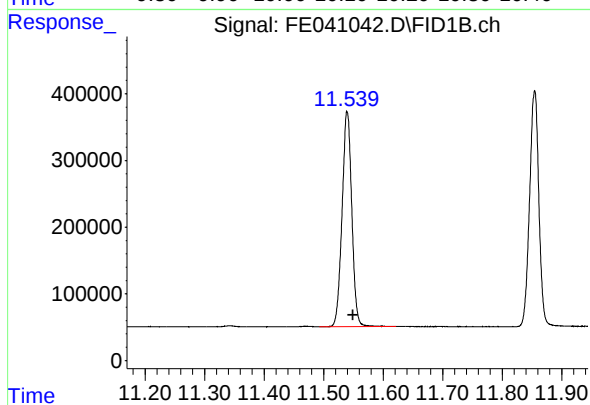
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.009 min
Response: 3597433
Conc: 20.63 ug/ml



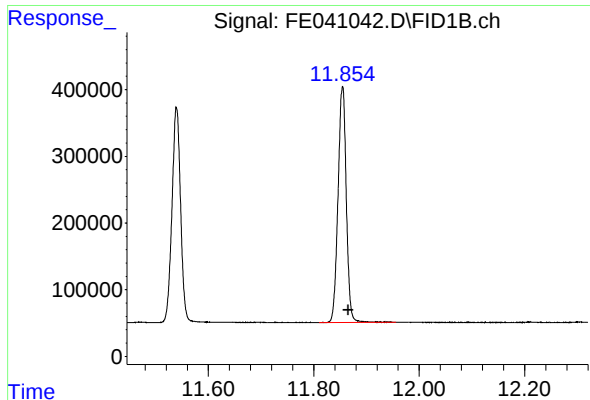
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.009 min
Response: 3657890
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.540 min
Delta R.T.: -0.010 min
Response: 3656396
Conc: 20.48 ug/ml



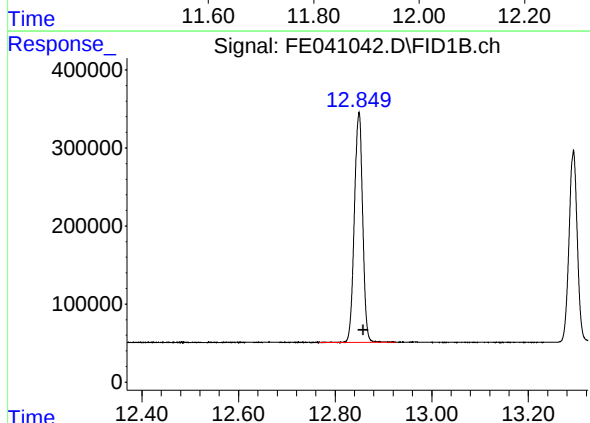
#9 ortho-Terphenyl (SURR)

R.T.: 11.855 min
Delta R.T.: -0.010 min
Response: 3851785
Conc: 20.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

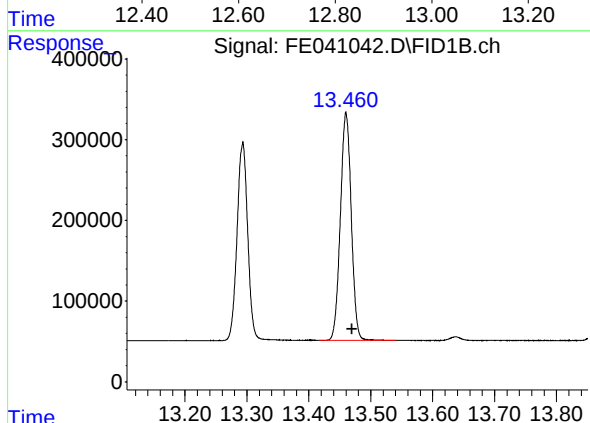
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/29/2023
Supervised By :Ankita Jodhani 03/29/2023



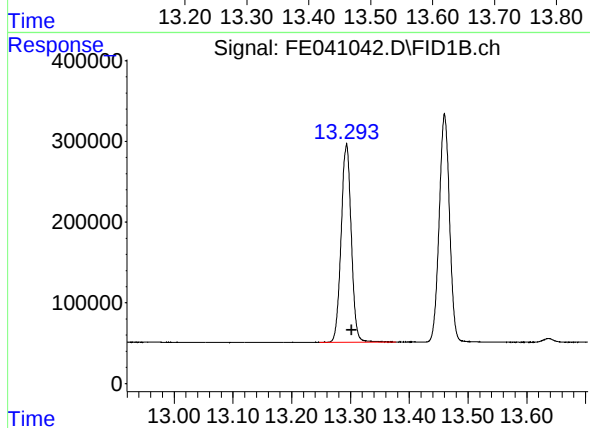
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: -0.009 min
Response: 3489452
Conc: 20.46 ug/ml



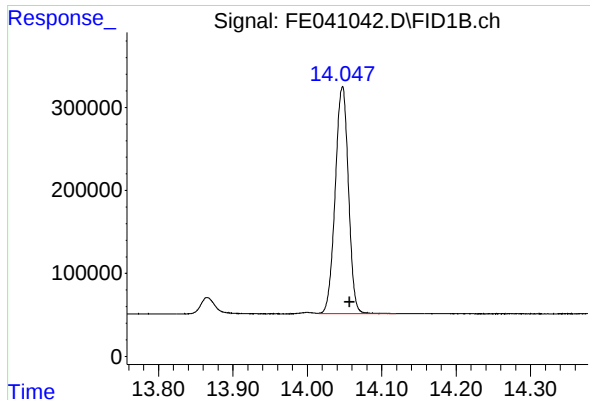
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: -0.010 min
Response: 3446733
Conc: 20.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: -0.009 min
Response: 2937487
Conc: 20.42 ug/ml



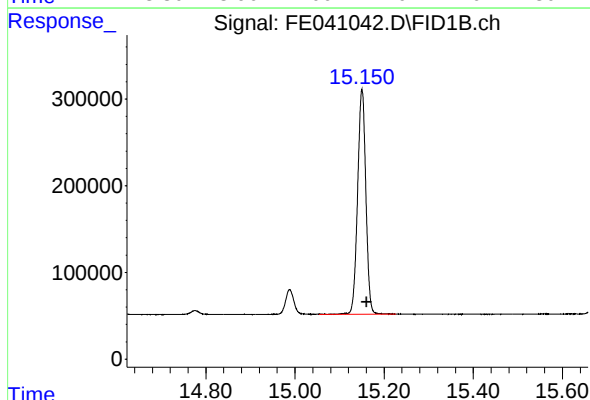
#13 n-Docosane (C22)

R.T.: 14.047 min
Delta R.T.: -0.010 min
Response: 3380171
Conc: 20.43 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

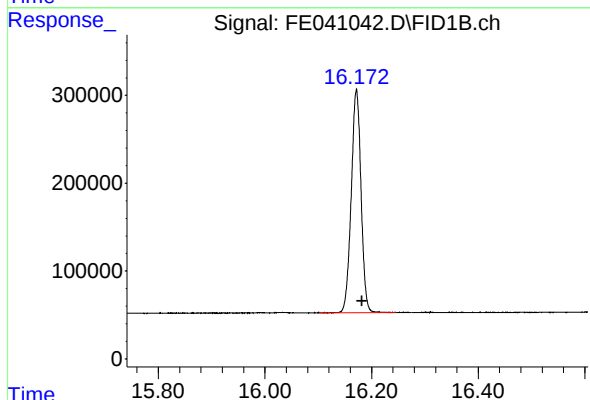
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/29/2023
Supervised By :Ankita Jodhani 03/29/2023



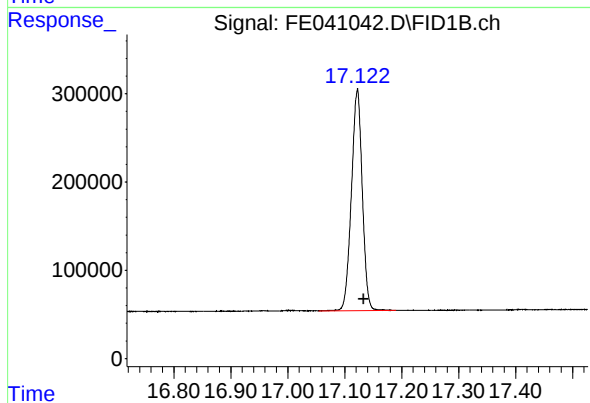
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: -0.010 min
Response: 3334438
Conc: 20.61 ug/ml



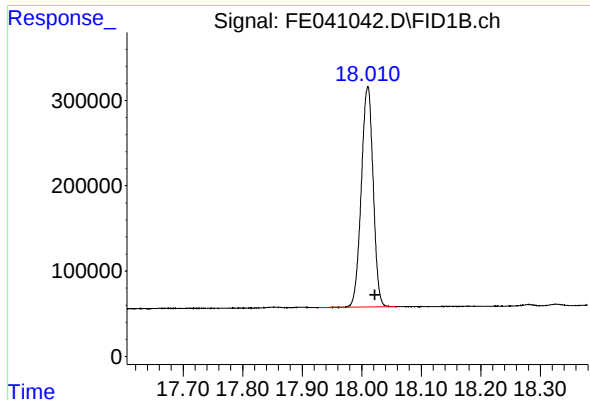
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: -0.010 min
Response: 3237974
Conc: 20.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: -0.011 min
Response: 3323835
Conc: 21.70 ug/ml



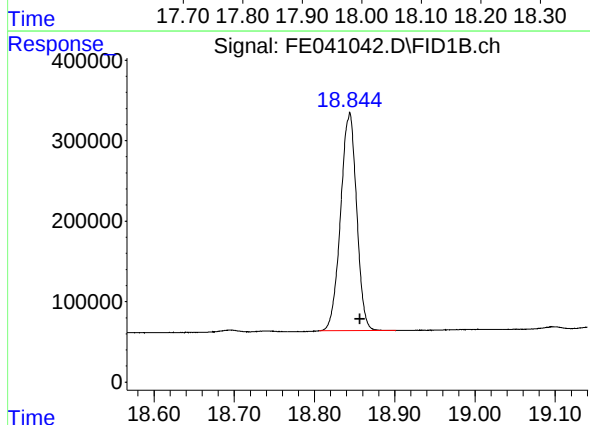
#17 n-Tricontane (C30)

R.T.: 18.010 min
Delta R.T.: -0.012 min
Response: 3582166
Conc: 23.44 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

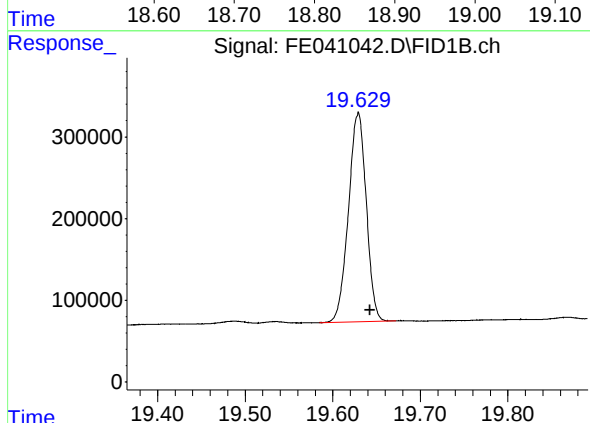
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/29/2023
Supervised By :Ankita Jodhani 03/29/2023



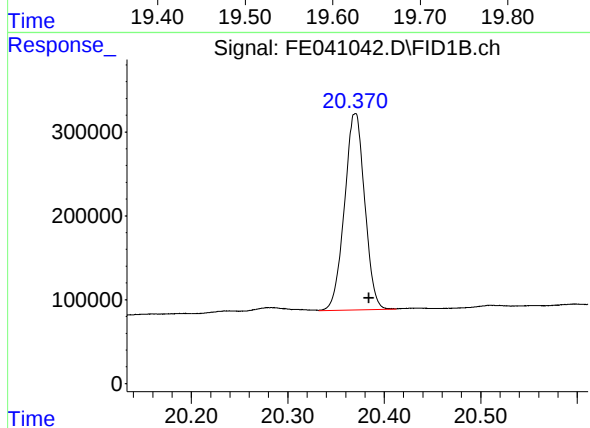
#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: -0.013 min
Response: 3761716
Conc: 24.09 ug/ml



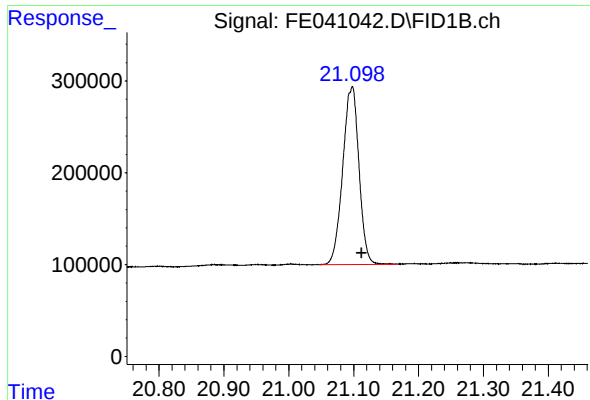
#19 n-Tetatriacontane (C34)

R.T.: 19.629 min
Delta R.T.: -0.013 min
Response: 3618448
Conc: 23.35 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: -0.014 min
Response: 3388355
Conc: 22.31 ug/ml



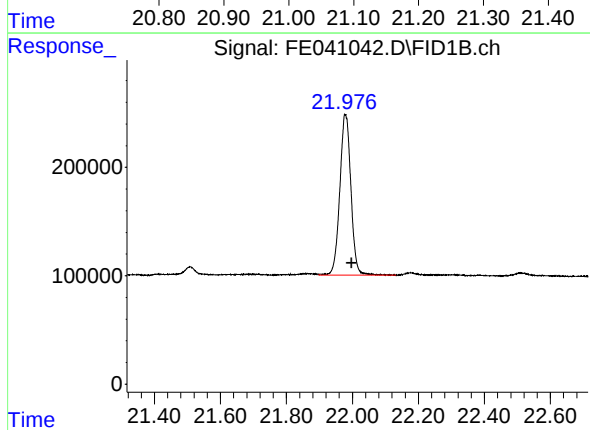
#21 n-Octatriacontane (C38)

R.T.: 21.098 min
Delta R.T.: -0.014 min
Response: 3365115
Conc: 21.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/29/2023
Supervised By :Ankita Jodhani 03/29/2023



#22 n-Tetracontane (C40)

R.T.: 21.978 min
Delta R.T.: -0.020 min
Response: 3483730
Conc: 21.83 ug/ml