

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041923AL\
 Data File : FE041427.D
 Signal(s) : FID1B.ch
 Acq On : 19 Apr 2023 14:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/20/2023
 Supervised By :Ankita Jodhani 04/20/2023

Integration File: autoint1.e
 Quant Time: Apr 20 01:58:21 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)	11.833	3541475	18.844 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
12) S 1-chlorooctadecane (S...	13.273	2792990	19.412 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
Target Compounds			
1) T n-Nonane (C9)	3.232	3185098	18.356 ug/ml
2) T n-Decane (C10)	4.478	3181251	18.689 ug/ml
3) T A~Naphthalene (C11.7)	6.182	3491643	19.089 ug/ml
4) T n-Dodecane (C12)	6.644	3268928	18.845 ug/ml
5) T A~2-methylnaphthalene...	7.278	3263258	19.704 ug/ml
6) T n-Tetradecane (C14)	8.470	3298443	18.917 ug/ml
7) T n-Hexadecane (C16)	10.076	3394473	19.086 ug/ml
8) T n-Octadecane (C18)	11.519	3424246	19.178 ug/ml
10) T n-Eicosane (C20)	12.828	3282648	19.245 ug/ml
11) T n-Heneicosane (C21)	13.440	3232374	19.106 ug/ml
13) T n-Docosane (C22)	14.027	3172661	19.172 ug/ml
14) T n-Tetracosane (C24)	15.131	3211648	19.851 ug/ml
15) T n-Hexacosane (C26)	16.154	2992080	19.302 ug/ml
16) T n-Octacosane (C28)	17.105	2981821	19.466 ug/ml
17) T n-Tricontane (C30)	17.994	3058702	20.010 ug/ml
18) T n-Dotriacontane (C32)	18.828	3165828	20.277 ug/ml
19) T n-Tetratriacontane (C34)	19.614	3156537	20.369 ug/ml
20) T n-Hexatriacontane (C36)	20.355	3062989	20.165 ug/mlm
21) T n-Octatriacontane (C38)	21.082	3178904	20.349 ug/ml
22) T n-Tetracontane (C40)	21.960	3246857	20.343 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041923AL\
Data File : FE041427.D
Signal(s) : FID1B.ch
Acq On : 19 Apr 2023 14:07
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

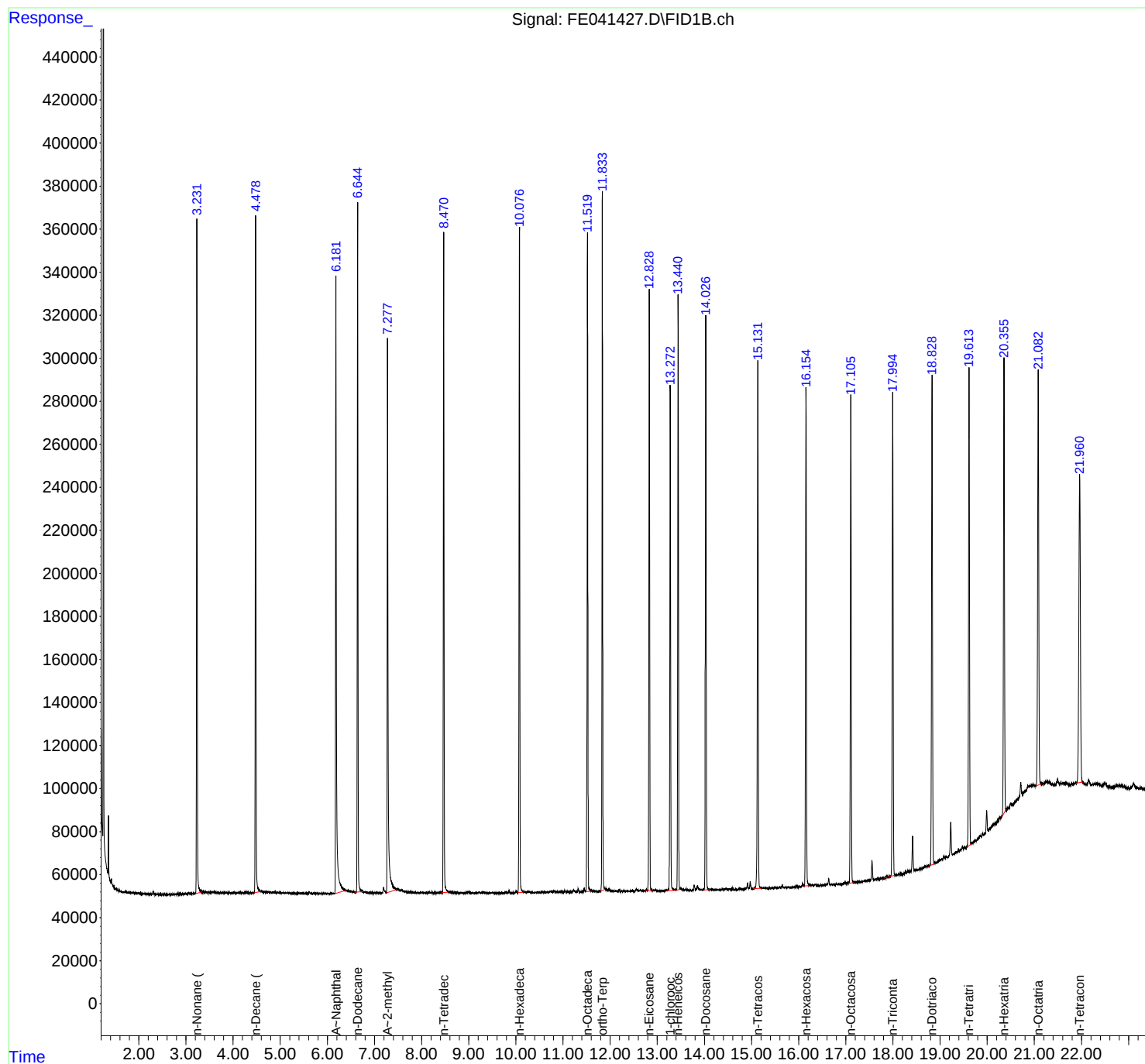
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

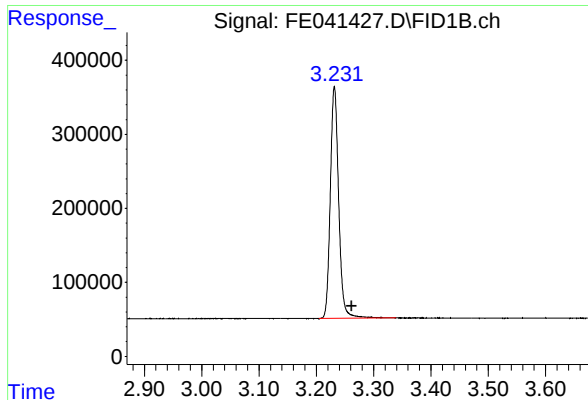
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023

Integration File: autoint1.e
Quant Time: Apr 20 01:58:21 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





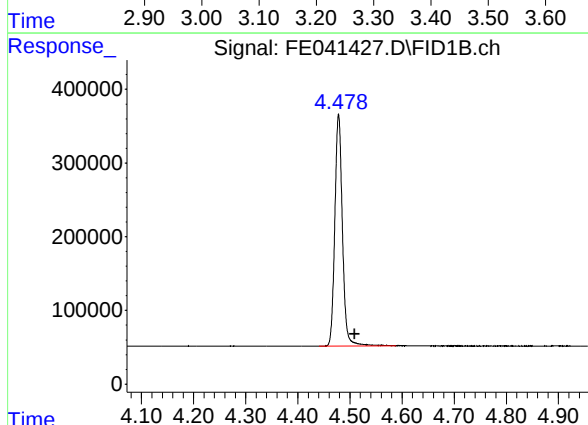
#1 n-Nonane (C9)

R.T.: 3.232 min
Delta R.T.: -0.030 min
Response: 3185098
Conc: 18.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

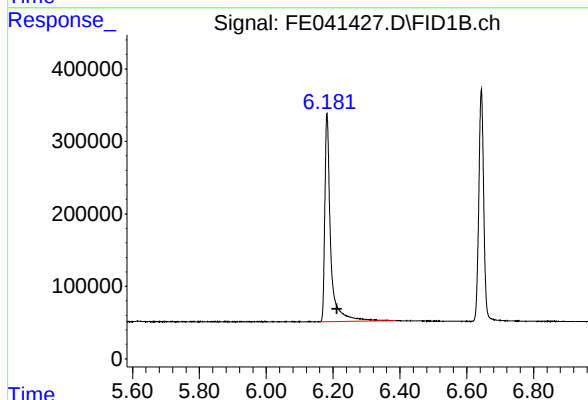
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023



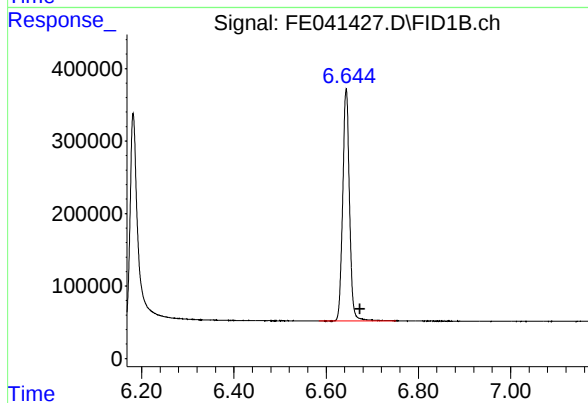
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.031 min
Response: 3181251
Conc: 18.69 ug/ml



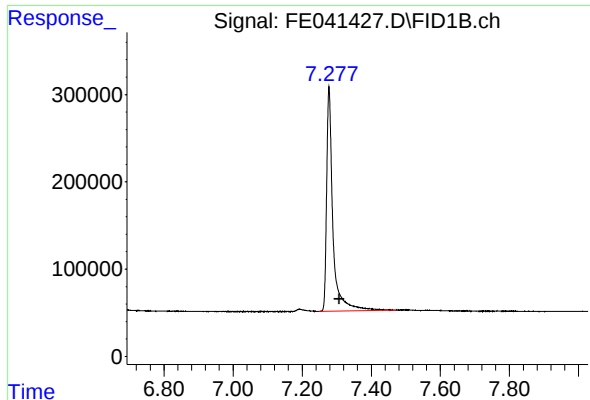
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.030 min
Response: 3491643
Conc: 19.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.644 min
Delta R.T.: -0.030 min
Response: 3268928
Conc: 18.85 ug/ml



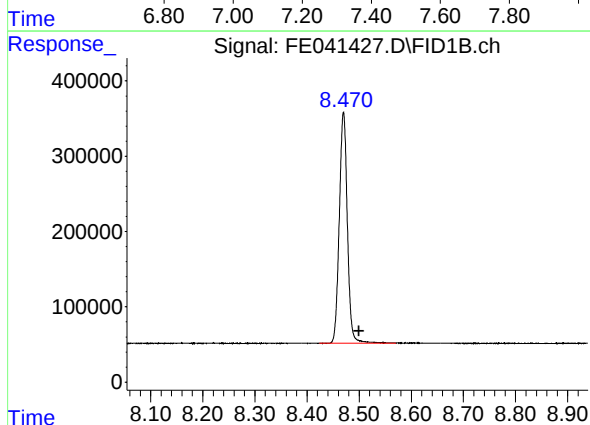
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.278 min
Delta R.T.: -0.030 min
Response: 3263258
Conc: 19.70 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

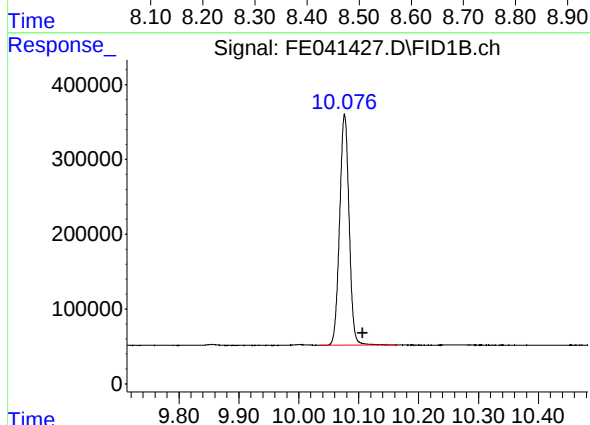
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023



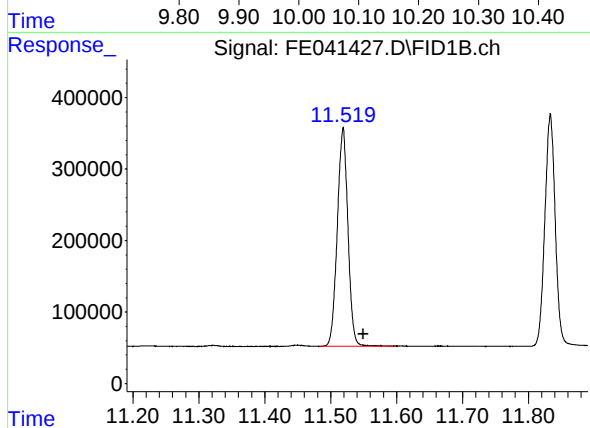
#6 n-Tetradecane (C14)

R.T.: 8.470 min
Delta R.T.: -0.030 min
Response: 3298443
Conc: 18.92 ug/ml



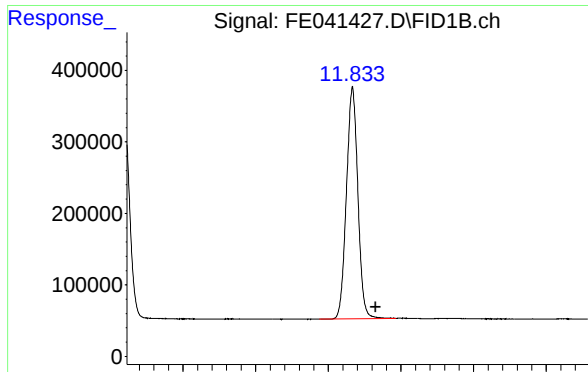
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: -0.030 min
Response: 3394473
Conc: 19.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.519 min
Delta R.T.: -0.030 min
Response: 3424246
Conc: 19.18 ug/ml



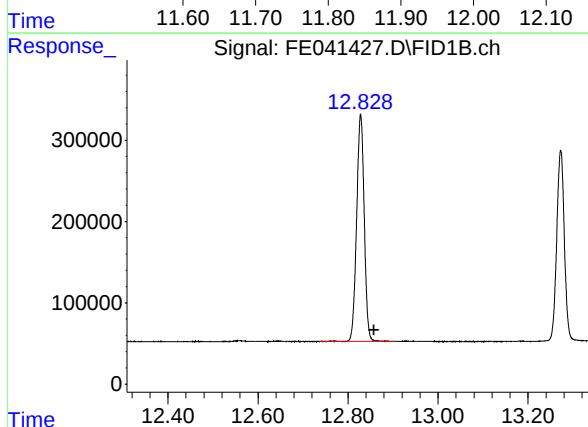
#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.032 min
Response: 3541475
Conc: 18.84 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

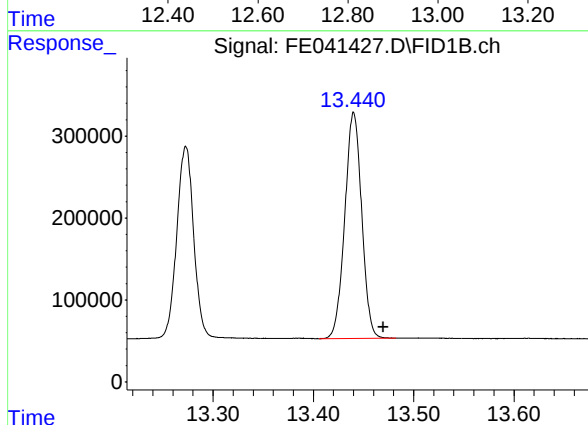
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023



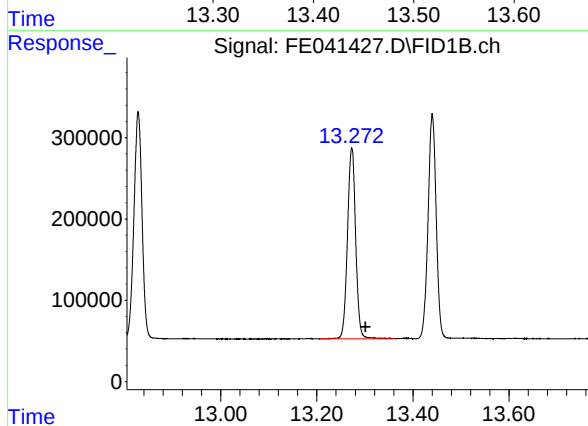
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: -0.030 min
Response: 3282648
Conc: 19.24 ug/ml



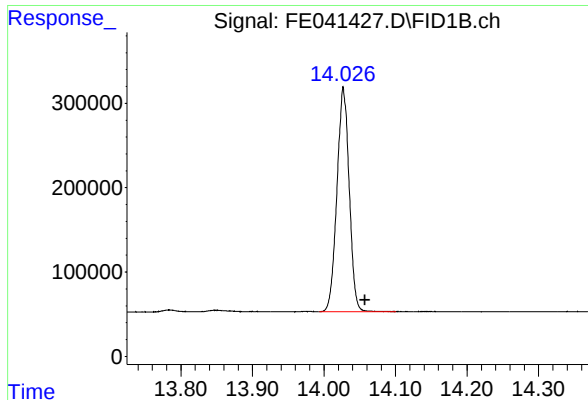
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: -0.030 min
Response: 3232374
Conc: 19.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.029 min
Response: 2792990
Conc: 19.41 ug/ml



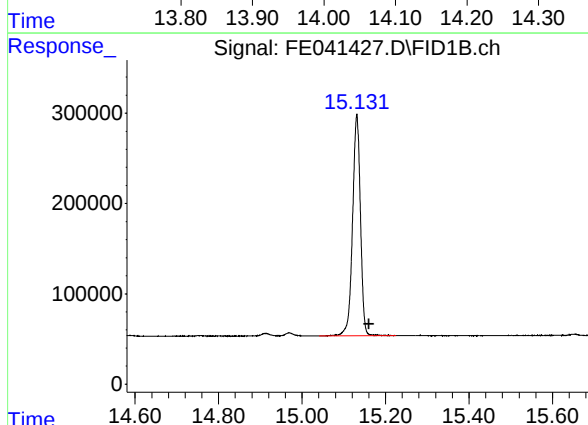
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.030 min
Response: 3172661
Conc: 19.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

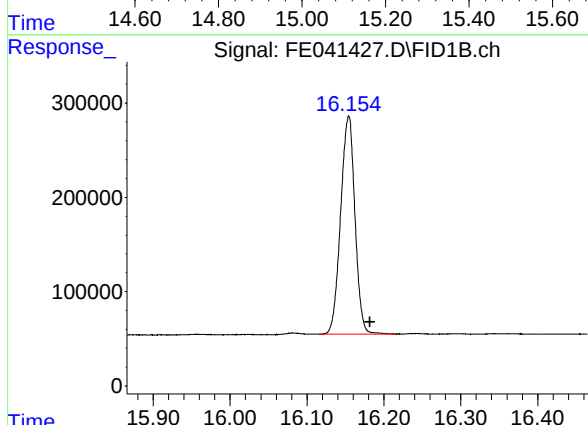
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023



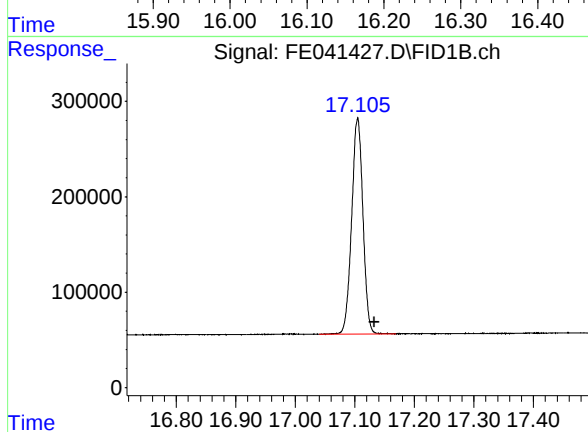
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.030 min
Response: 3211648
Conc: 19.85 ug/ml



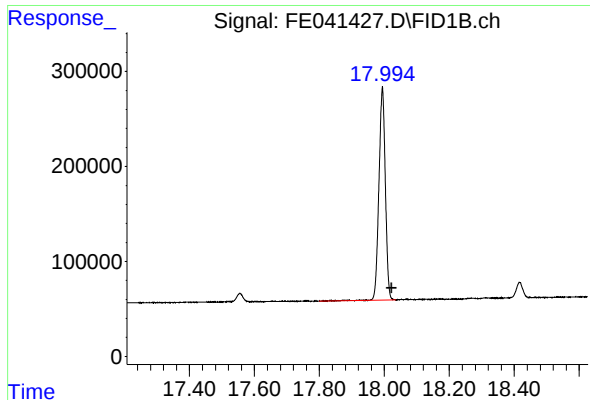
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.028 min
Response: 2992080
Conc: 19.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: -0.028 min
Response: 2981821
Conc: 19.47 ug/ml



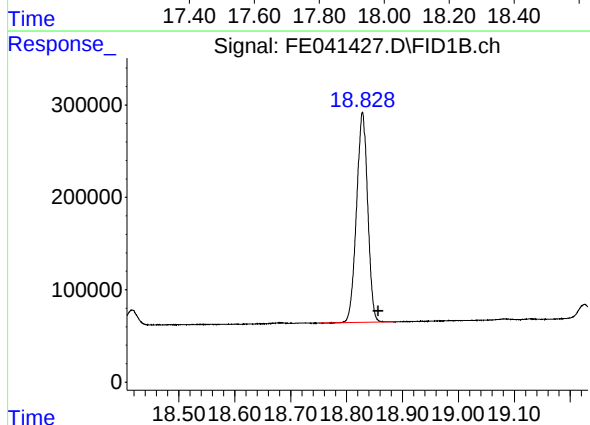
#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.028 min
Response: 3058702
Conc: 20.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

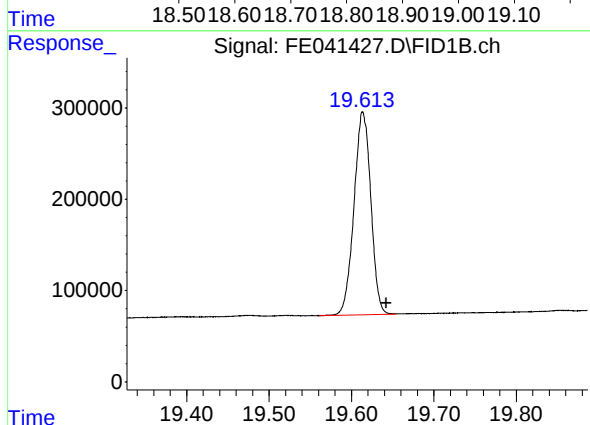
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023



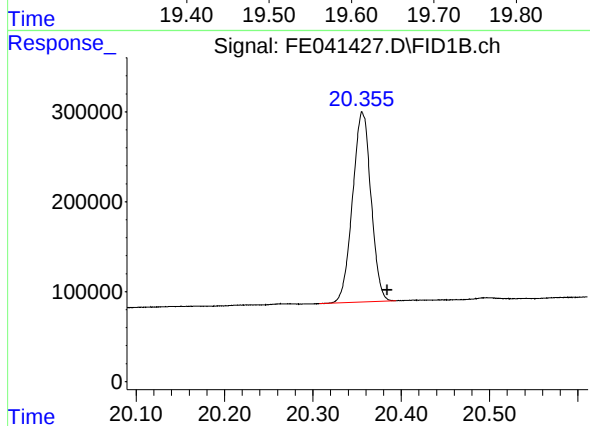
#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.028 min
Response: 3165828
Conc: 20.28 ug/ml



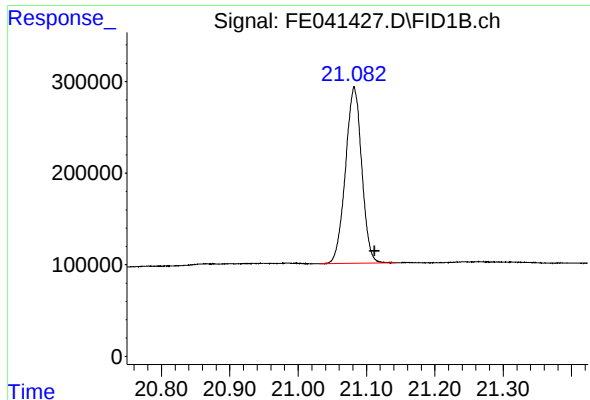
#19 n-Tetratriacontane (C34)

R.T.: 19.614 min
Delta R.T.: -0.029 min
Response: 3156537
Conc: 20.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.355 min
Delta R.T.: -0.029 min
Response: 3062989
Conc: 20.16 ug/ml m



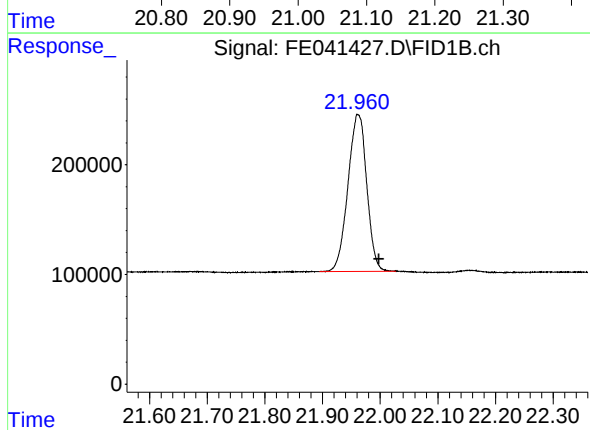
#21 n-Octatriacontane (C38)

R.T.: 21.082 min
Delta R.T.: -0.030 min
Response: 3178904
Conc: 20.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023



#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: -0.038 min
Response: 3246857
Conc: 20.34 ug/ml m