

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121222AL\
 Data File : FE039263.D
 Signal(s) : FID1B.ch
 Acq On : 13 Dec 2022 00:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2022
 Supervised By :Ankita Jodhani 12/13/2022

Integration File: autoint1.e
 Quant Time: Dec 13 04:44:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 2022
 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)	11.938	3638487	23.258 ug/ml
Spiked Amount 50.000		Recovery =	46.52%
12) S 1-chlorooctadecane (S...	13.372	2800182	23.192 ug/ml
Spiked Amount 50.000		Recovery =	46.38%
Target Compounds			
1) T n-Nonane (C9)	3.334	3017699	21.289 ug/ml
2) T n-Decane (C10)	4.583	2997168	21.504 ug/ml
3) T A~Naphthalene (C11.7)	6.285	3461920	21.766 ug/ml
4) T n-Dodecane (C12)	6.746	3045179	21.603 ug/ml
5) T A~2-methylnaphthalene...	7.379	3274486	21.879 ug/ml
6) T n-Tetradecane (C14)	8.571	3111780	21.788 ug/ml
7) T n-Hexadecane (C16)	10.178	3250113	22.229 ug/ml
8) T n-Octadecane (C18)	11.620	3342542	22.715 ug/ml
10) T n-Eicosane (C20)	12.929	3294028	23.203 ug/ml
11) T n-Heneicosane (C21)	13.539	3312624	23.312 ug/mlm
13) T n-Docosane (C22)	14.125	3293768	23.563 ug/ml
14) T n-Tetracosane (C24)	15.229	3263390	23.630 ug/ml
15) T n-Hexacosane (C26)	16.248	3189468	23.746 ug/ml
16) T n-Octacosane (C28)	17.198	3170436	23.874 ug/ml
17) T n-Tricontane (C30)	18.085	3177734	24.063 ug/ml
18) T n-Dotriacontane (C32)	18.918	3167189	23.748 ug/ml
19) T n-Tetratriacontane (C34)	19.702	3001311	22.682 ug/ml
20) T n-Hexatriacontane (C36)	20.442	2727004	21.227 ug/ml
21) T n-Octatriacontane (C38)	21.179	2745673	20.954 ug/ml
22) T n-Tetracontane (C40)	22.092	2572946	18.895 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121222AL\
Data File : FE039263.D
Signal(s) : FID1B.ch
Acq On : 13 Dec 2022 00:57
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

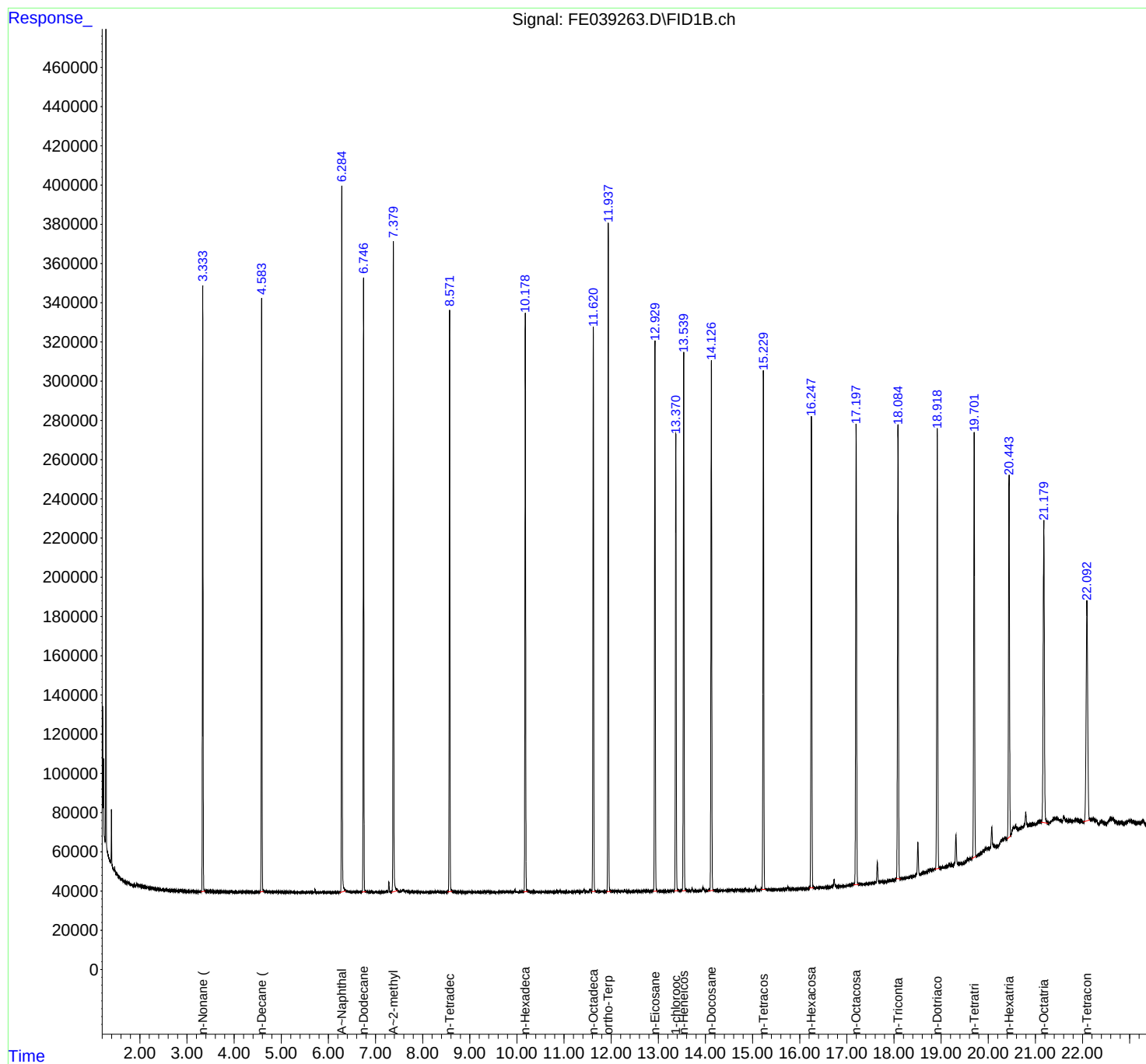
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

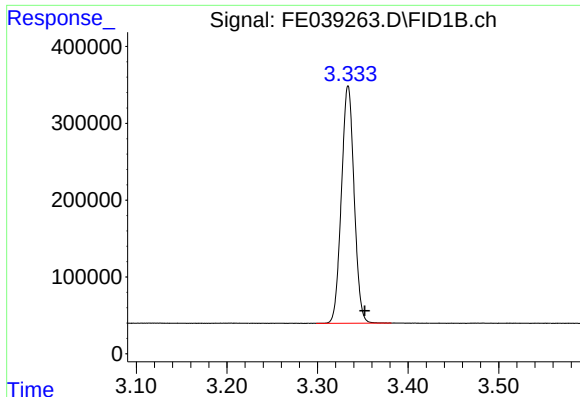
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2022
Supervised By :Ankita Jodhani 12/13/2022

Integration File: autoint1.e
Quant Time: Dec 13 04:44:24 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
Quant Title : GC Extractables
QLast Update : Sat Nov 19 05:37:37 2022
Response via : Initial Calibration
Integrator: ChemStation

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





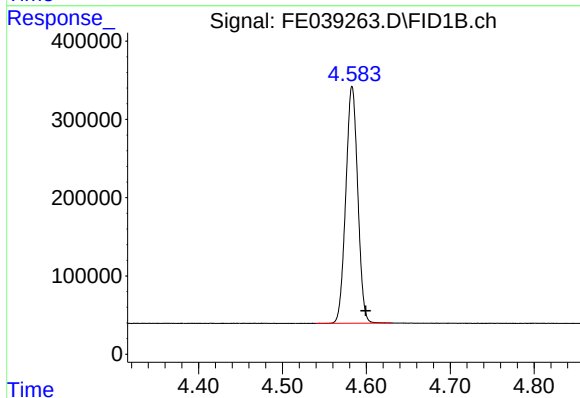
#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: -0.018 min
Response: 3017699
Conc: 21.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

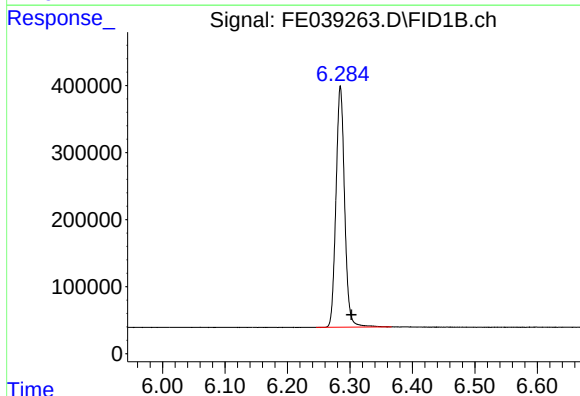
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2022
Supervised By :Ankita Jodhani 12/13/2022



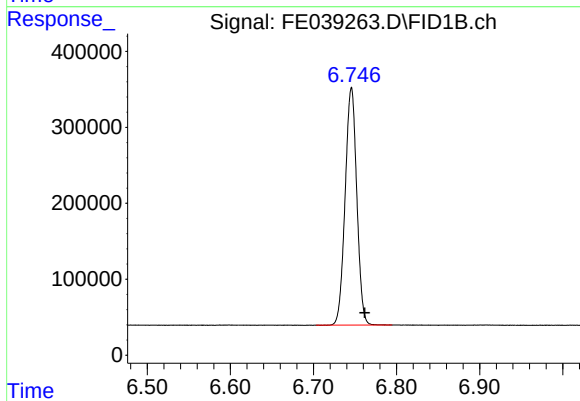
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: -0.016 min
Response: 2997168
Conc: 21.50 ug/ml



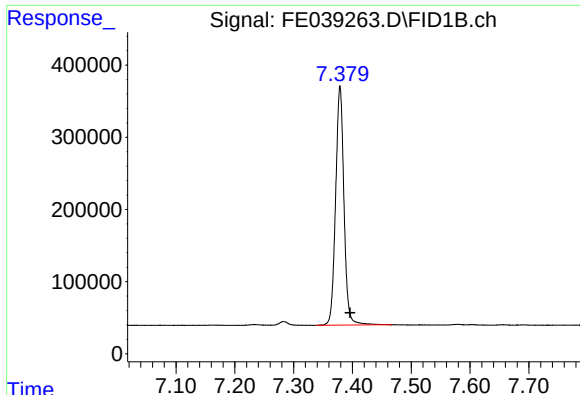
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: -0.018 min
Response: 3461920
Conc: 21.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.746 min
Delta R.T.: -0.016 min
Response: 3045179
Conc: 21.60 ug/ml



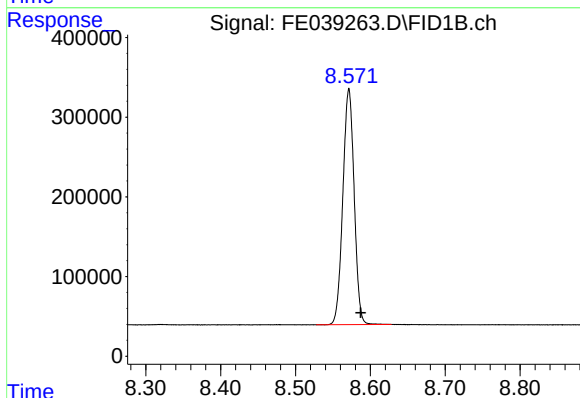
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.379 min
Delta R.T.: -0.017 min
Response: 3274486
Conc: 21.88 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

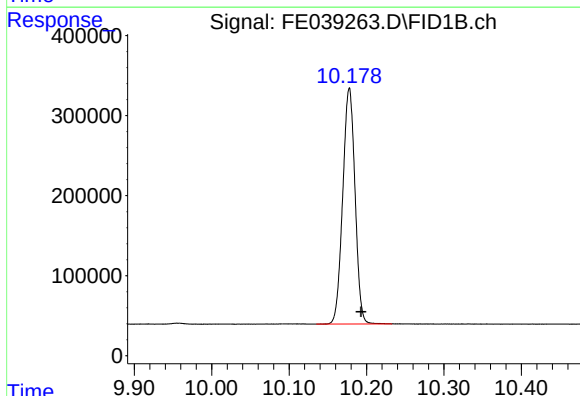
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2022
Supervised By :Ankita Jodhani 12/13/2022



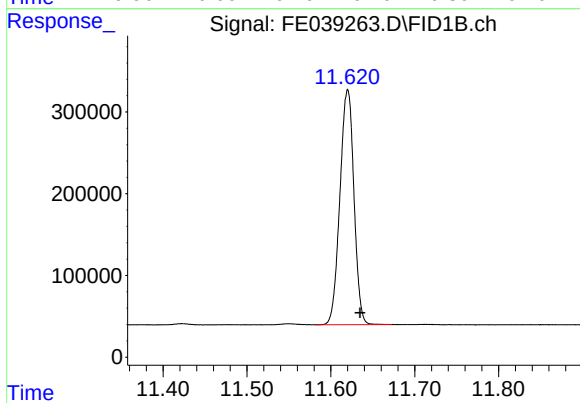
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.016 min
Response: 3111780
Conc: 21.79 ug/ml



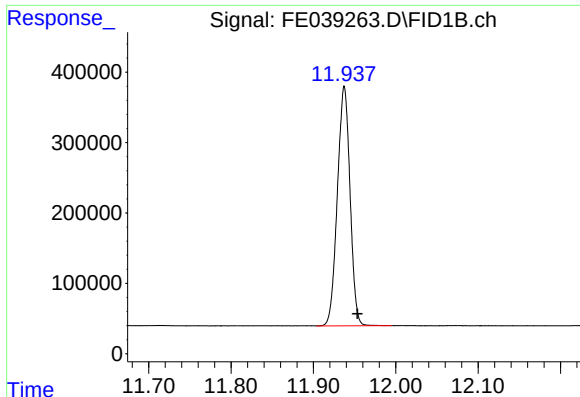
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.015 min
Response: 3250113
Conc: 22.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.620 min
Delta R.T.: -0.015 min
Response: 3342542
Conc: 22.72 ug/ml



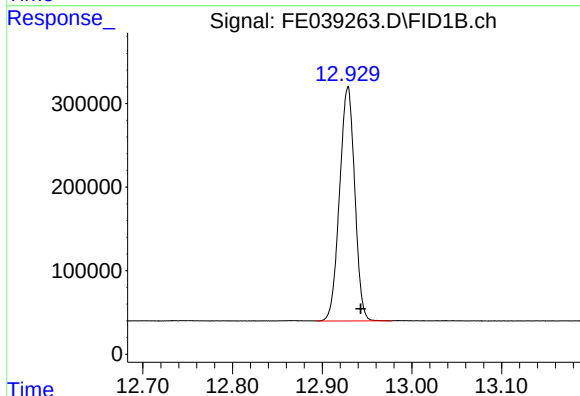
#9 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: -0.016 min
Response: 3638487
Conc: 23.26 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

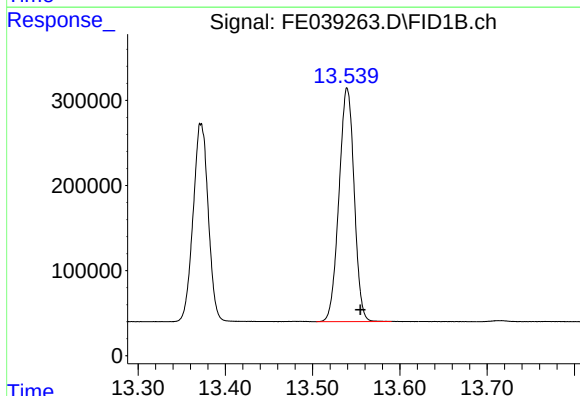
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2022
Supervised By :Ankita Jodhani 12/13/2022



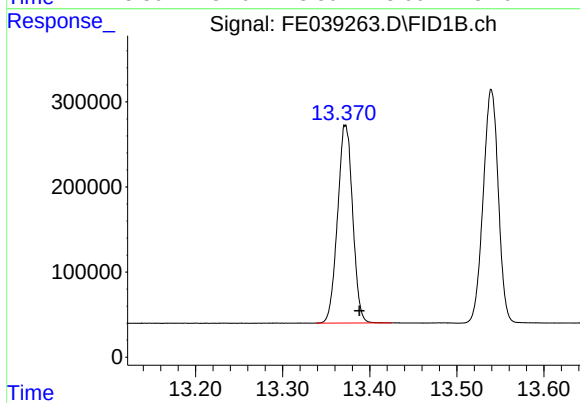
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: -0.014 min
Response: 3294028
Conc: 23.20 ug/ml



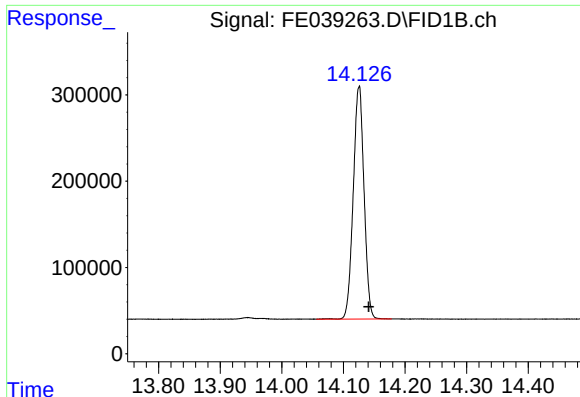
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.016 min
Response: 3312624
Conc: 23.31 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: -0.016 min
Response: 2800182
Conc: 23.19 ug/ml



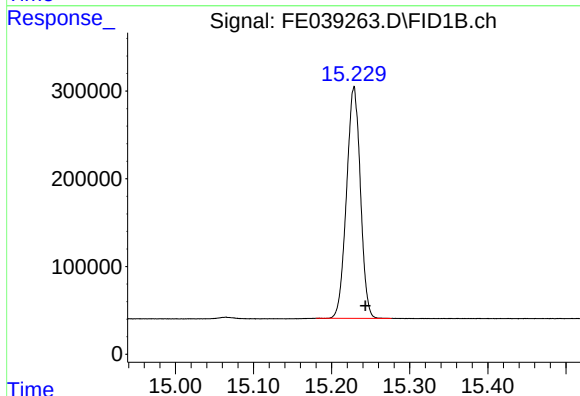
#13 n-Docosane (C22)

R.T.: 14.125 min
Delta R.T.: -0.015 min
Response: 3293768
Conc: 23.56 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

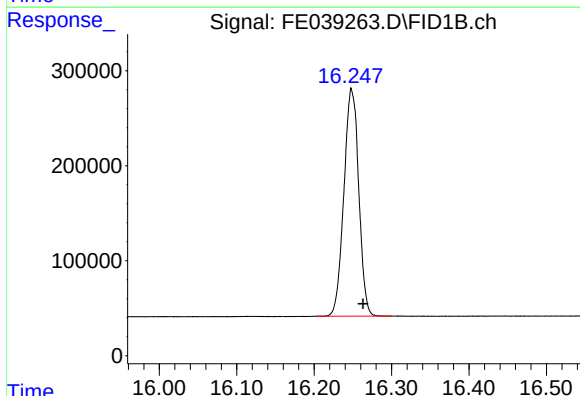
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2022
Supervised By :Ankita Jodhani 12/13/2022



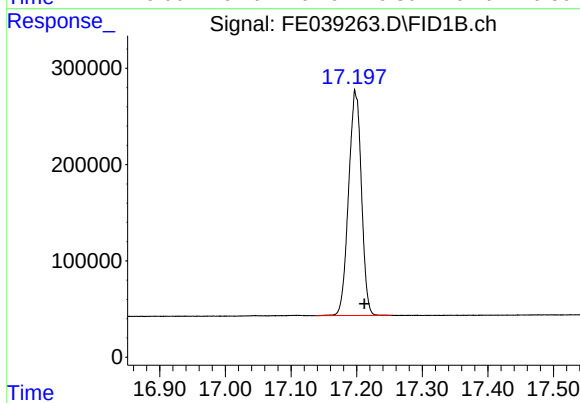
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: -0.015 min
Response: 3263390
Conc: 23.63 ug/ml



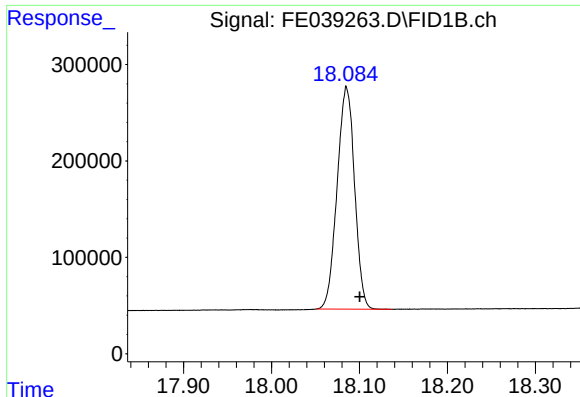
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.015 min
Response: 3189468
Conc: 23.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: -0.014 min
Response: 3170436
Conc: 23.87 ug/ml



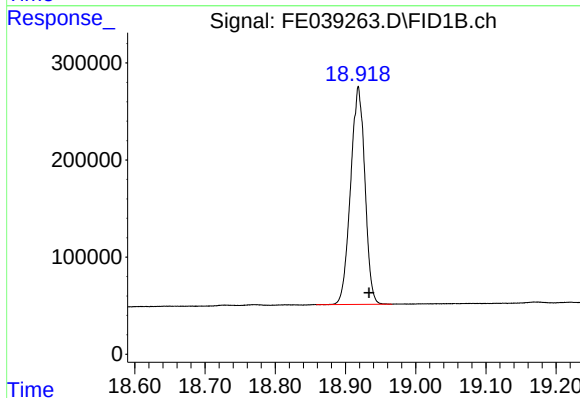
#17 n-Tricontane (C30)

R.T.: 18.085 min
Delta R.T.: -0.015 min
Response: 3177734
Conc: 24.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

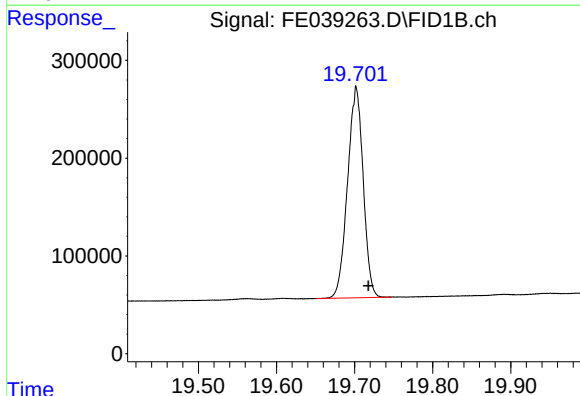
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2022
Supervised By :Ankita Jodhani 12/13/2022



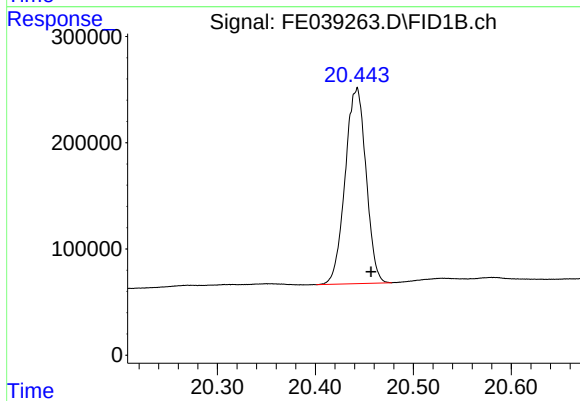
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: -0.015 min
Response: 3167189
Conc: 23.75 ug/ml



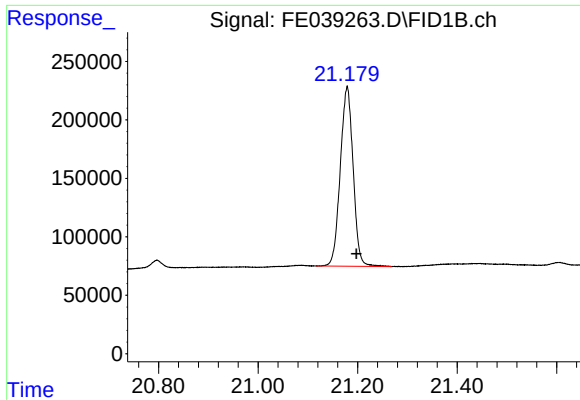
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: -0.015 min
Response: 3001311
Conc: 22.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.442 min
Delta R.T.: -0.014 min
Response: 2727004
Conc: 21.23 ug/ml



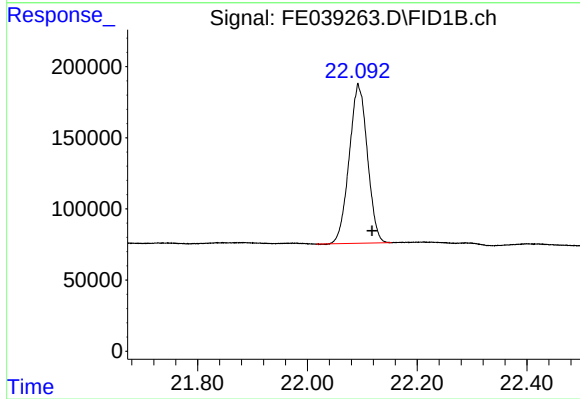
#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.018 min
Response: 2745673
Conc: 20.95 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/13/2022
Supervised By :Ankita Jodhani 12/13/2022



#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: -0.025 min
Response: 2572946
Conc: 18.90 ug/ml