

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100919AL\
 Data File : FD030936.D
 Signal(s) : FID2B.CH
 Acq On : 09 Oct 2019 11:27
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Ankita
 10/10/2019 1:41:30 PM

Integration File: autoint1.e
 Quant Time: Oct 10 01:11:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 03:19:09 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.457	2761805	19.689 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
12) S 1-chlorooctadecane (S...	12.885	2079912	19.170 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
Target Compounds			
1) T n-Nonane (C9)	3.282	2565027	21.835 ug/ml
2) T n-Decane (C10)	4.338	2578608	21.963 ug/ml
3) T A-Naphthalene (C11.7)	5.910	2801535	21.471 ug/ml
4) T n-Dodecane (C12)	6.341	2618127	22.001 ug/ml
5) T A~2-methylnaphthalene...	6.959	2827820	21.451 ug/ml
6) T n-Tetradecane (C14)	8.125	2611423	21.671 ug/ml
7) T n-Hexadecane (C16)	9.714	2604751	21.299 ug/ml
8) T n-Octadecane (C18)	11.146	2568597	20.621 ug/ml
10) T n-Eicosane (C20)	12.445	2510293	19.907 ug/ml
11) T n-Heneicosane (C21)	13.053	2472990	19.342 ug/ml
13) T n-Docosane (C22)	13.635	2446218	19.095 ug/ml
14) T n-Tetracosane (C24)	14.728	2407715	18.555 ug/ml
15) T n-Hexacosane (C26)	15.741	2353395	18.123 ug/ml
16) T n-Octacosane (C28)	16.683	2338448	18.062 ug/ml
17) T n-Tricontane (C30)	17.562	2313453	17.807 ug/ml
18) T n-Dotriacontane (C32)	18.388	2216511	17.598 ug/ml
19) T n-Tetratriacontane (C34)	19.163	2129558	17.498 ug/mlm
20) T n-Hexatriacontane (C36)	19.897	2043376	17.716 ug/mlm
21) T n-Octatriacontane (C38)	20.601	1940666	18.401 ug/ml
22) T n-Tetracontane (C40)	21.437	2087808	19.732 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100919AL\
Data File : FD030936.D
Signal(s) : FID2B.CH
Acq On : 09 Oct 2019 11:27
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

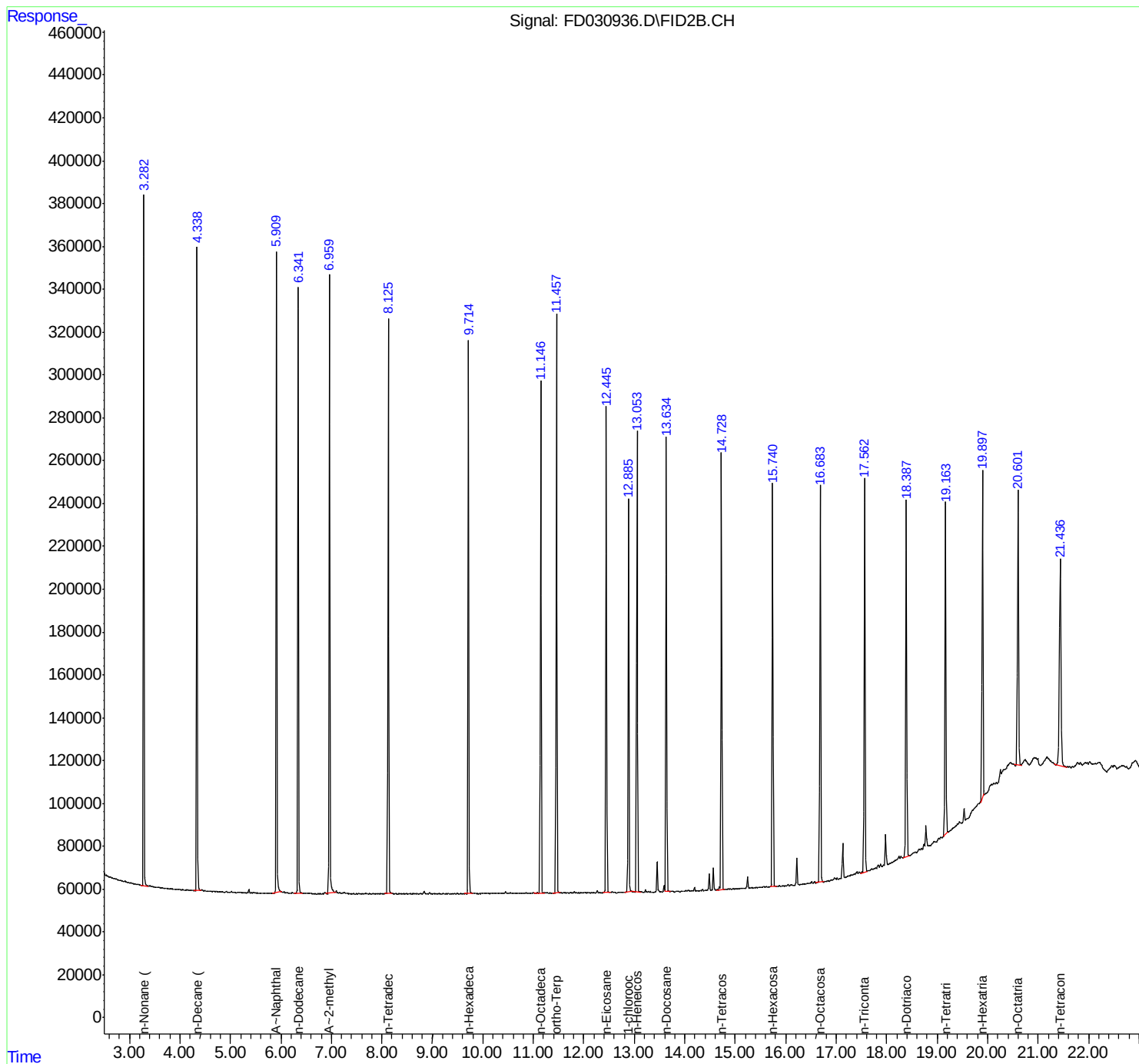
Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

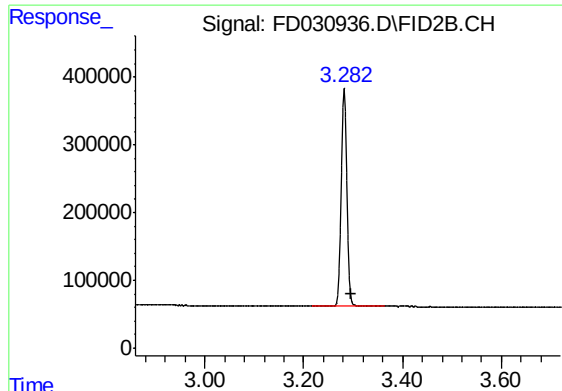
Manual Integrations
APPROVED

Ankita
10/10/2019 1:41:30 PM

Integration File: autoint1.e
Quant Time: Oct 10 01:11:36 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 092519.M
Quant Title : GC Extractables
QLast Update : Thu Sep 26 03:19:09 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





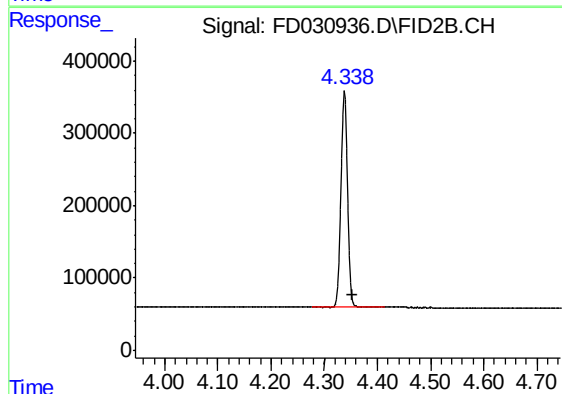
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: -0.013 min
Response: 2565027
Conc: 21.83 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

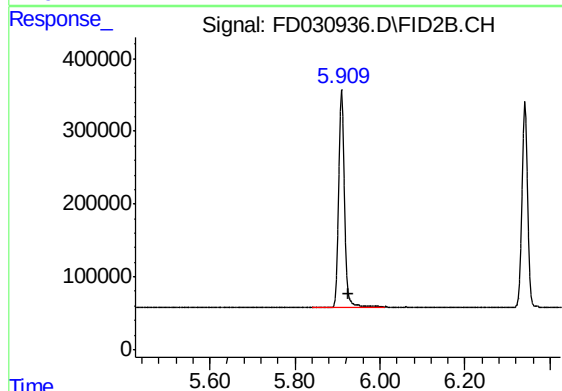
Manual Integrations
APPROVED

Ankita
10/10/2019 1:41:30 PM



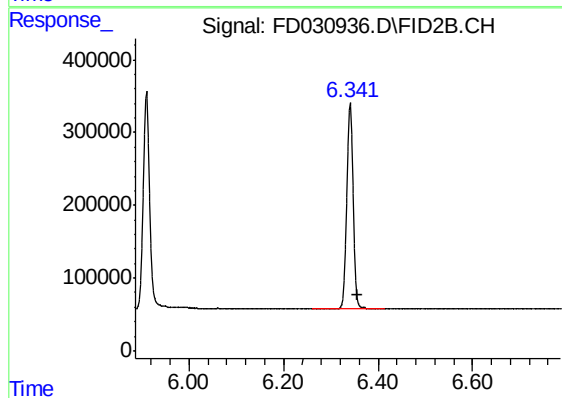
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: -0.014 min
Response: 2578608
Conc: 21.96 ug/ml



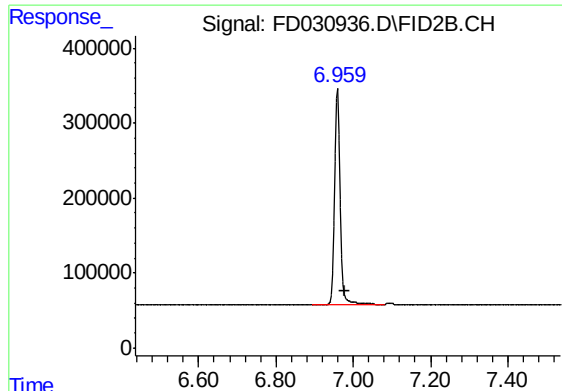
#3 A~Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: -0.015 min
Response: 2801535
Conc: 21.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.341 min
Delta R.T.: -0.017 min
Response: 2618127
Conc: 22.00 ug/ml



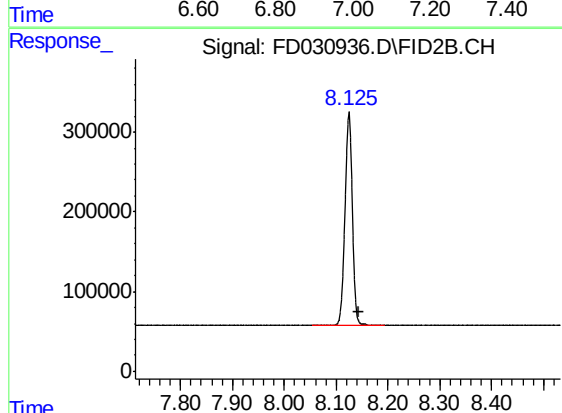
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.959 min
Delta R.T.: -0.018 min
Response: 2827820
Conc: 21.45 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

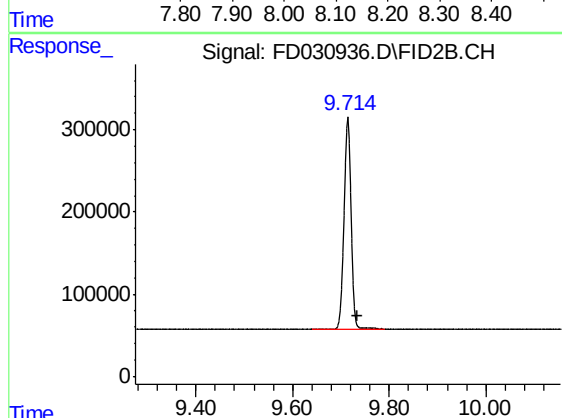
Manual Integrations
APPROVED

Ankita
10/10/2019 1:41:30 PM



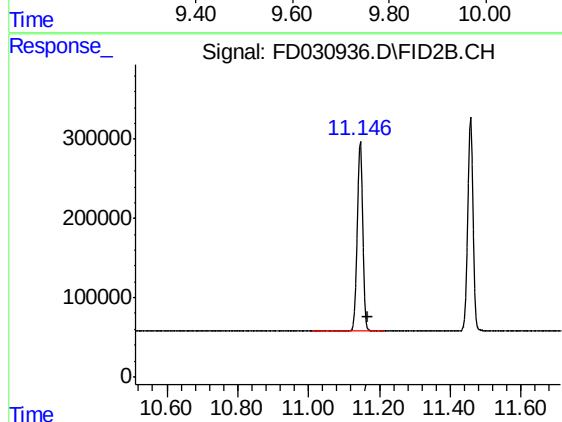
#6 n-Tetradecane (C14)

R.T.: 8.125 min
Delta R.T.: -0.018 min
Response: 2611423
Conc: 21.67 ug/ml



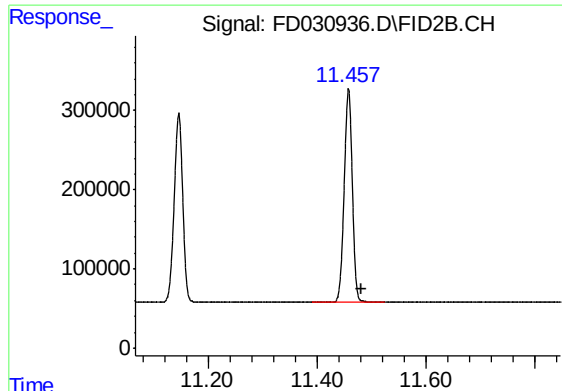
#7 n-Hexadecane (C16)

R.T.: 9.714 min
Delta R.T.: -0.020 min
Response: 2604751
Conc: 21.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.146 min
Delta R.T.: -0.023 min
Response: 2568597
Conc: 20.62 ug/ml



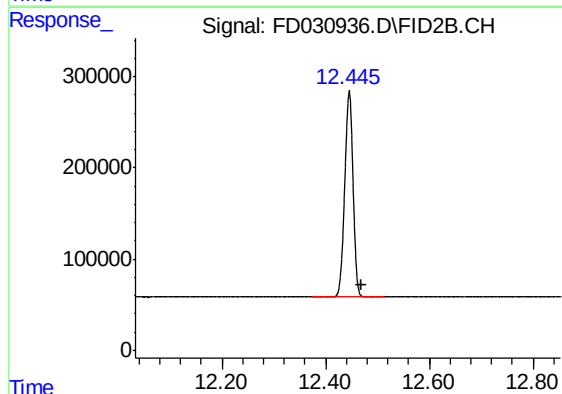
#9 ortho-Terphenyl (SURR)

R.T.: 11.457 min
Delta R.T.: -0.024 min
Response: 2761805
Conc: 19.69 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

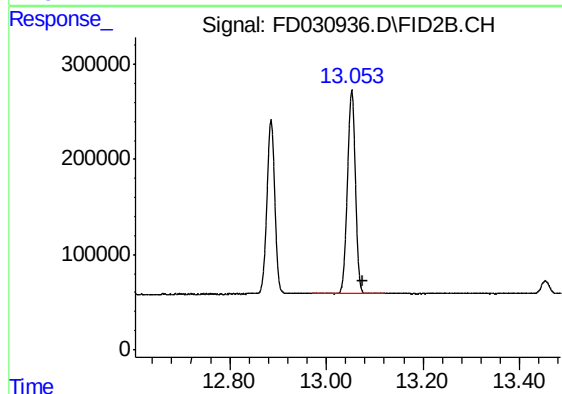
Manual Integrations
APPROVED

Ankita
10/10/2019 1:41:30 PM



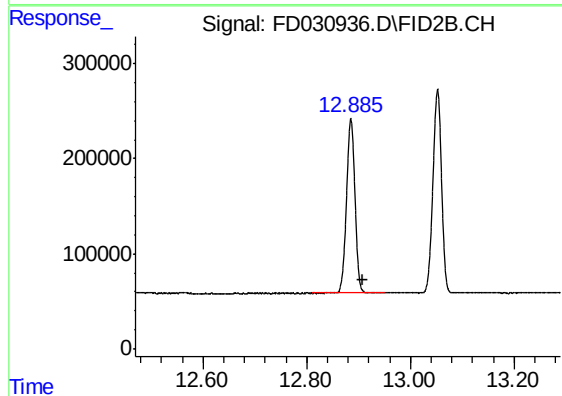
#10 n-Eicosane (C20)

R.T.: 12.445 min
Delta R.T.: -0.022 min
Response: 2510293
Conc: 19.91 ug/ml



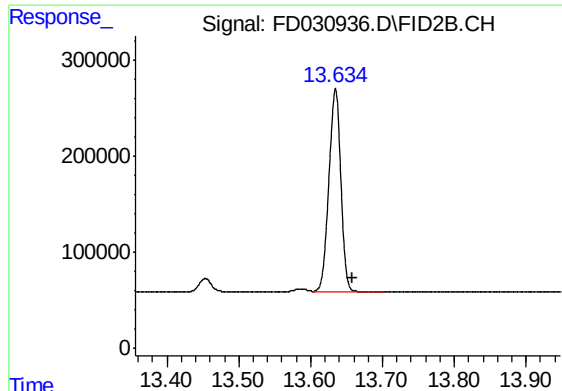
#11 n-Heneicosane (C21)

R.T.: 13.053 min
Delta R.T.: -0.023 min
Response: 2472990
Conc: 19.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.885 min
Delta R.T.: -0.022 min
Response: 2079912
Conc: 19.17 ug/ml



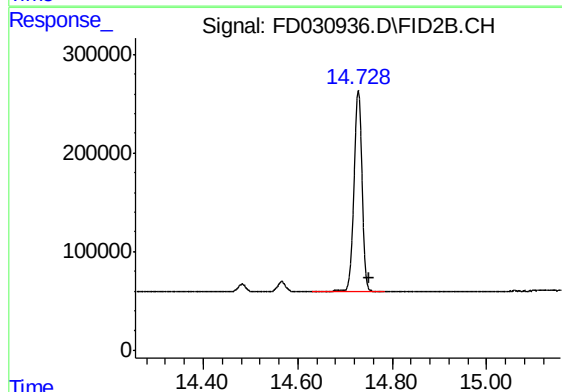
#13 n-Docosane (C22)

R.T.: 13.635 min
Delta R.T.: -0.023 min
Response: 2446218
Conc: 19.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

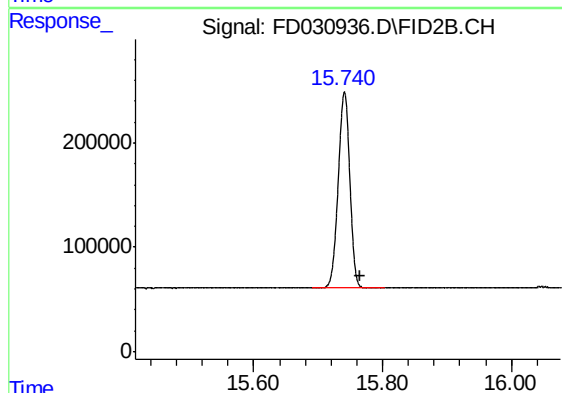
Manual Integrations
APPROVED

Ankita
10/10/2019 1:41:30 PM



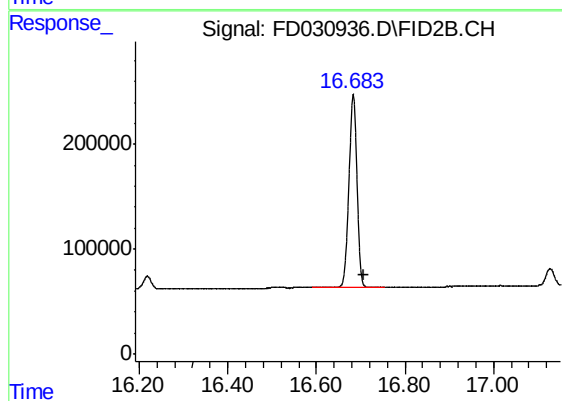
#14 n-Tetracosane (C24)

R.T.: 14.728 min
Delta R.T.: -0.024 min
Response: 2407715
Conc: 18.55 ug/ml



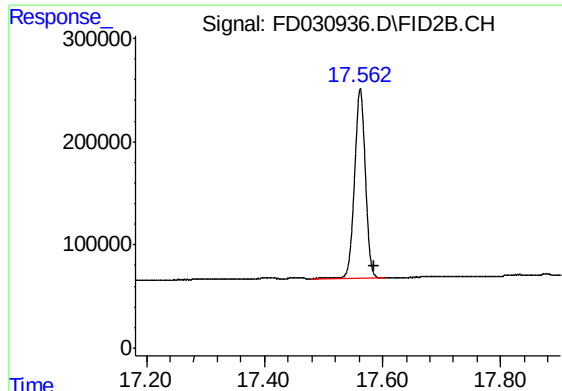
#15 n-Hexacosane (C26)

R.T.: 15.741 min
Delta R.T.: -0.024 min
Response: 2353395
Conc: 18.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.683 min
Delta R.T.: -0.024 min
Response: 2338448
Conc: 18.06 ug/ml



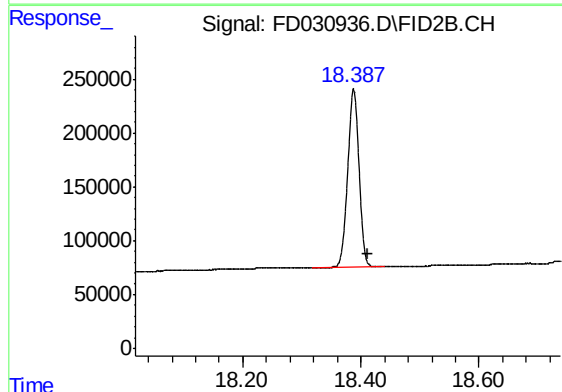
#17 n-Tricontane (C30)

R.T.: 17.562 min
Delta R.T.: -0.025 min
Response: 2313453
Conc: 17.81 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

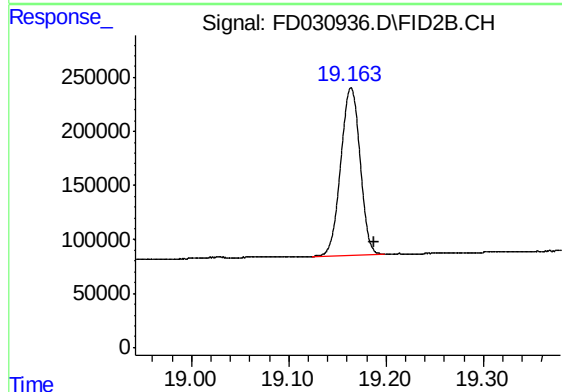
Manual Integrations
APPROVED

Ankita
10/10/2019 1:41:30 PM



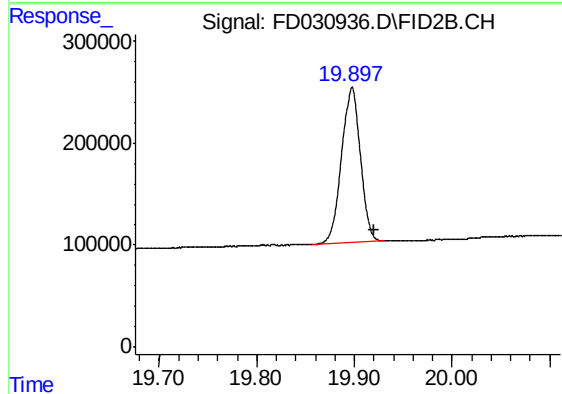
#18 n-Dotriacontane (C32)

R.T.: 18.388 min
Delta R.T.: -0.024 min
Response: 2216511
Conc: 17.60 ug/ml



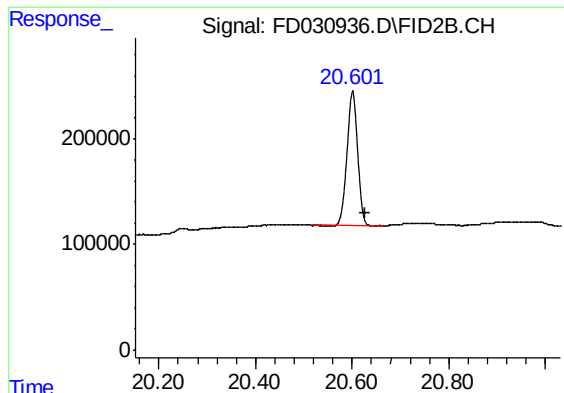
#19 n-Tetatriacontane (C34)

R.T.: 19.163 min
Delta R.T.: -0.025 min
Response: 2129558
Conc: 17.50 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.897 min
Delta R.T.: -0.023 min
Response: 2043376
Conc: 17.72 ug/ml m



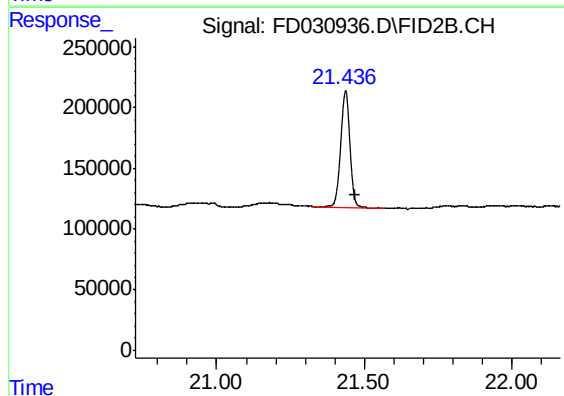
#21 n-Octatriacontane (C38)

R.T.: 20.601 min
Delta R.T.: -0.025 min
Response: 1940666
Conc: 18.40 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
10/10/2019 1:41:30 PM



#22 n-Tetracontane (C40)

R.T.: 21.437 min
Delta R.T.: -0.033 min
Response: 2087808
Conc: 19.73 ug/ml