

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090419AL\
 Data File : FD030488.D
 Signal(s) : FID2B.CH
 Acq On : 04 Sep 2019 13:10
 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
 9/5/2019 1:39:34 PM

Integration File: autoint1.e
 Quant Time: Sep 05 02:29:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 04:22:49 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)	11.503	2932037	20.158 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
12) S 1-chlorooctadecane (S...	12.931	2207128	20.209 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
Target Compounds			
1) T n-Nonane (C9)	3.320	2507033	20.085 ug/ml
2) T n-Decane (C10)	4.378	2513378	20.088 ug/ml
3) T A-Naphthalene (C11.7)	5.951	2826596	20.157 ug/ml
4) T n-Dodecane (C12)	6.383	2546866	20.131 ug/ml
5) T A~2-methylnaphthalene...	7.001	2867890	20.235 ug/ml
6) T n-Tetradecane (C14)	8.166	2558343	20.103 ug/ml
7) T n-Hexadecane (C16)	9.757	2574639	20.170 ug/ml
8) T n-Octadecane (C18)	11.190	2588918	20.195 ug/ml
10) T n-Eicosane (C20)	12.490	2575720	20.211 ug/ml
11) T n-Heneicosane (C21)	13.098	2588495	20.234 ug/ml
13) T n-Docosane (C22)	13.679	2570314	20.180 ug/ml
14) T n-Tetracosane (C24)	14.774	2559252	20.154 ug/ml
15) T n-Hexacosane (C26)	15.787	2502877	20.122 ug/ml
16) T n-Octacosane (C28)	16.730	2427561	19.910 ug/ml
17) T n-Tricontane (C30)	17.610	2360999	19.858 ug/ml
18) T n-Dotriacontane (C32)	18.435	2254165	19.659 ug/ml
19) T n-Tetratriacontane (C34)	19.212	2133605	19.653 ug/ml
20) T n-Hexatriacontane (C36)	19.945	1960061	19.095 ug/ml
21) T n-Octatriacontane (C38)	20.654	1992589	20.535 ug/ml
22) T n-Tetracontane (C40)	21.506	2020097	19.701 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090419AL\
Data File : FD030488.D
Signal(s) : FID2B.CH
Acq On : 04 Sep 2019 13:10
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

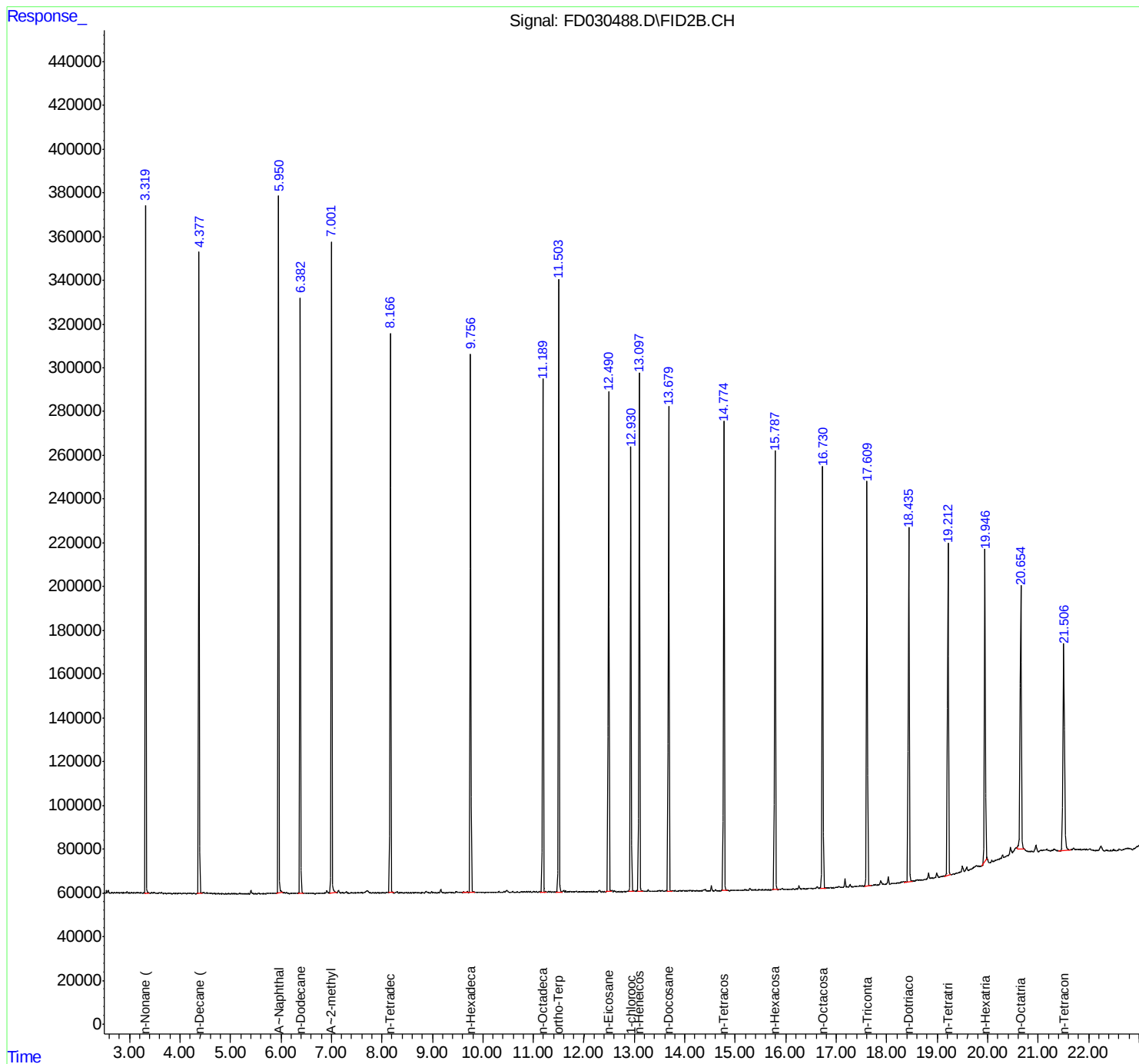
Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

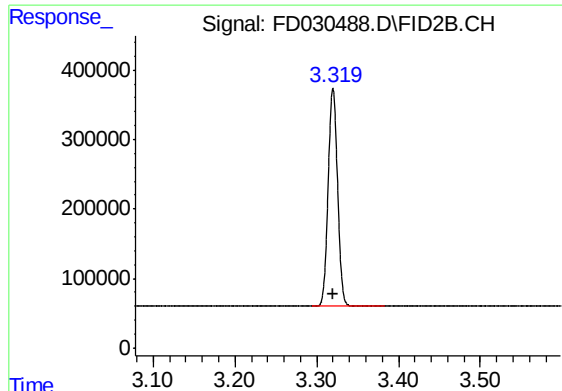
Manual Integrations
APPROVED

Ankita
9/5/2019 1:39:34 PM

Integration File: autoint1.e
Quant Time: Sep 05 02:29:15 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 090319.M
Quant Title : GC Extractables
QLast Update : Wed Sep 04 04:22:49 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





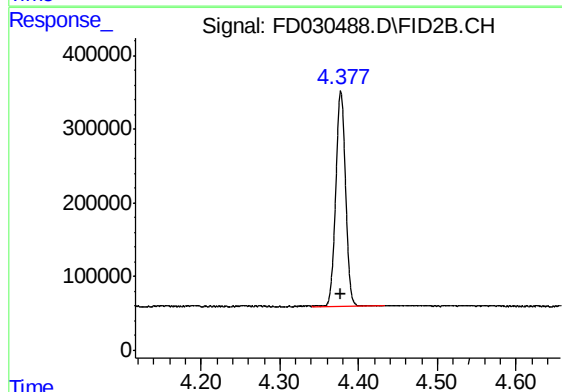
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: 0.000 min
Response: 2507033
Conc: 20.08 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

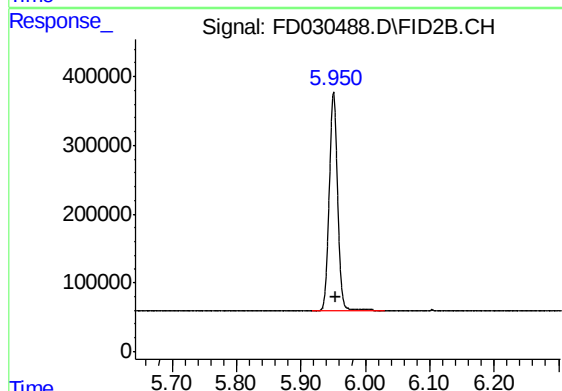
Manual Integrations
APPROVED

Ankita
9/5/2019 1:39:34 PM



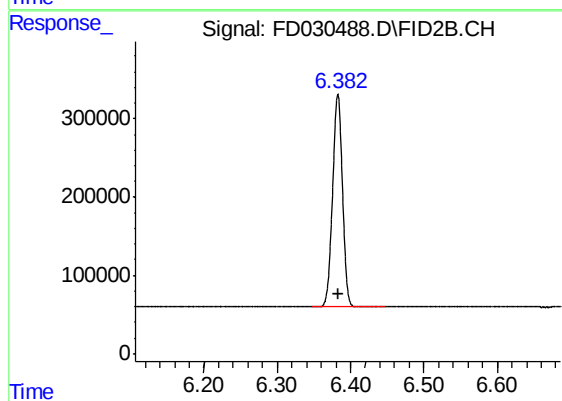
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 2513378
Conc: 20.09 ug/ml



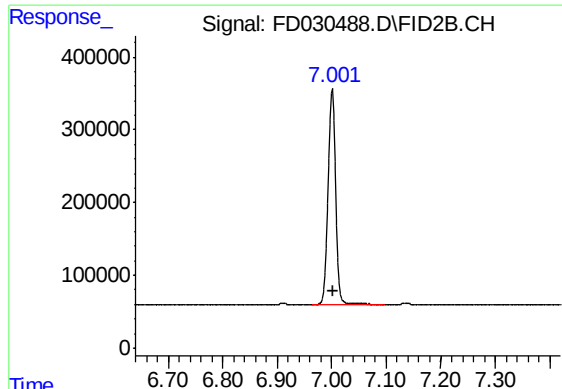
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 2826596
Conc: 20.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 2546866
Conc: 20.13 ug/ml



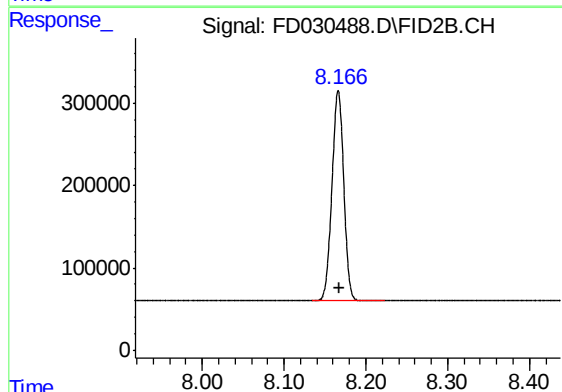
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.002 min
Response: 2867890
Conc: 20.24 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

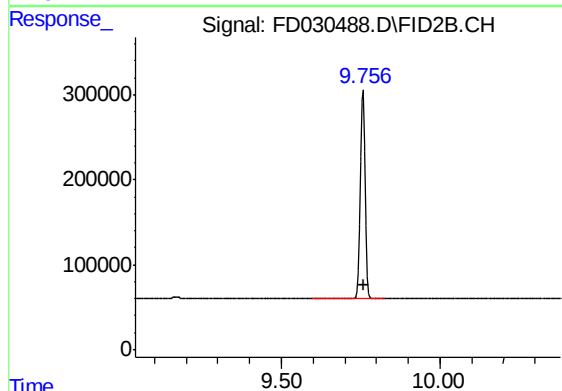
Manual Integrations
APPROVED

Ankita
9/5/2019 1:39:34 PM



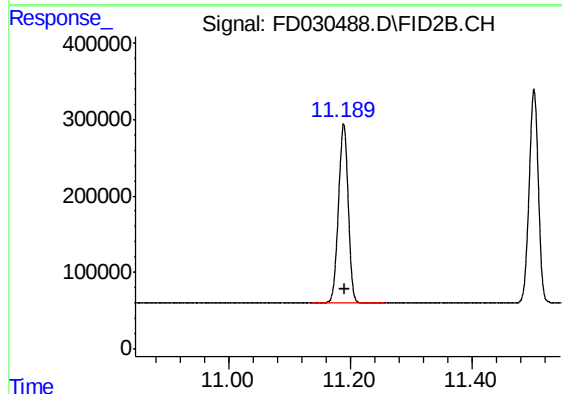
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.002 min
Response: 2558343
Conc: 20.10 ug/ml



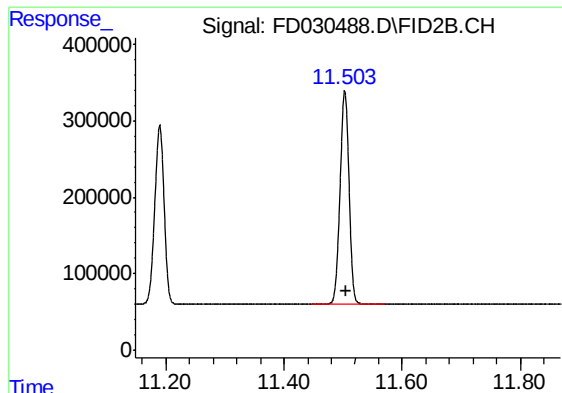
#7 n-Hexadecane (C16)

R.T.: 9.757 min
Delta R.T.: -0.002 min
Response: 2574639
Conc: 20.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.190 min
Delta R.T.: -0.002 min
Response: 2588918
Conc: 20.20 ug/ml



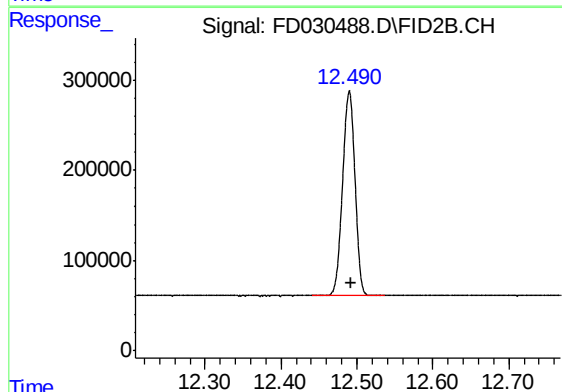
#9 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: -0.002 min
Response: 2932037
Conc: 20.16 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

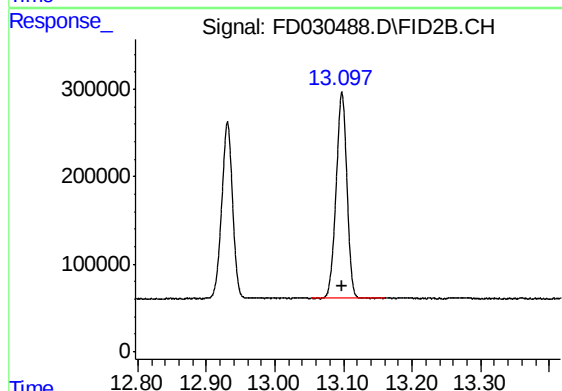
Manual Integrations
APPROVED

Ankita
9/5/2019 1:39:34 PM



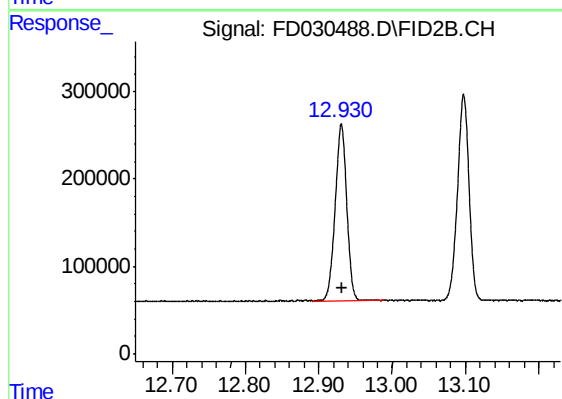
#10 n-Eicosane (C20)

R.T.: 12.490 min
Delta R.T.: -0.002 min
Response: 2575720
Conc: 20.21 ug/ml



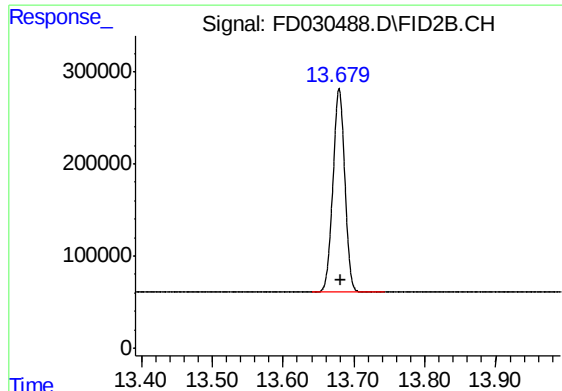
#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: -0.001 min
Response: 2588495
Conc: 20.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.931 min
Delta R.T.: -0.001 min
Response: 2207128
Conc: 20.21 ug/ml



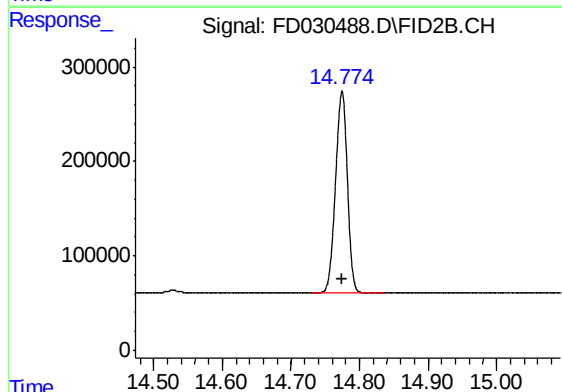
#13 n-Docosane (C22)

R.T.: 13.679 min
Delta R.T.: -0.002 min
Response: 2570314
Conc: 20.18 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

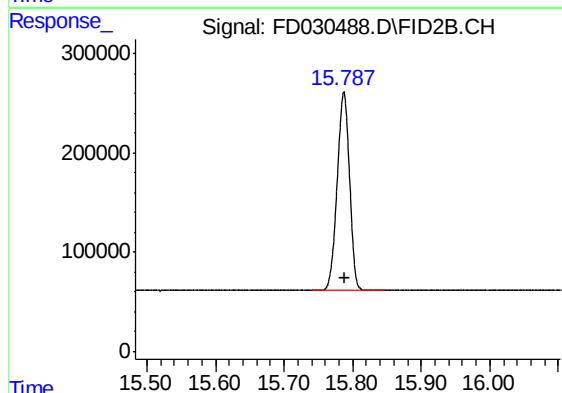
Manual Integrations
APPROVED

Ankita
9/5/2019 1:39:34 PM



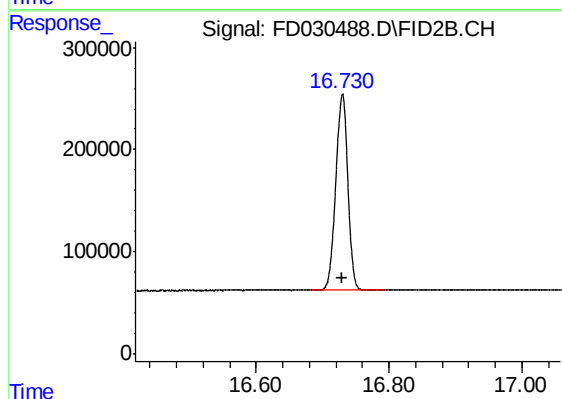
#14 n-Tetracosane (C24)

R.T.: 14.774 min
Delta R.T.: 0.000 min
Response: 2559252
Conc: 20.15 ug/ml



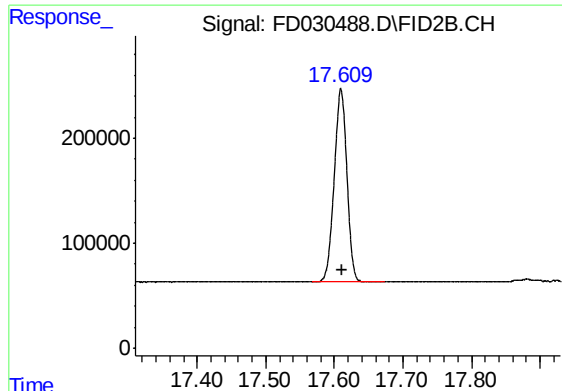
#15 n-Hexacosane (C26)

R.T.: 15.787 min
Delta R.T.: -0.001 min
Response: 2502877
Conc: 20.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.730 min
Delta R.T.: 0.000 min
Response: 2427561
Conc: 19.91 ug/ml



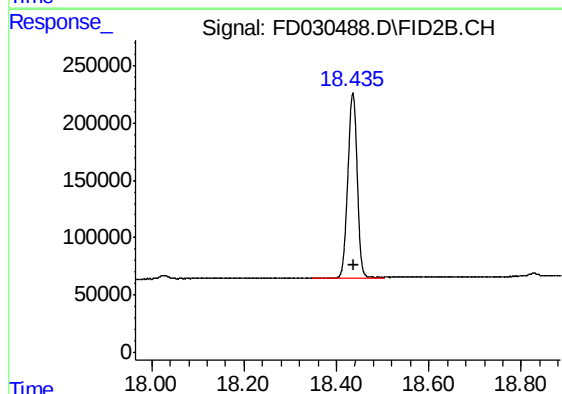
#17 n-Tricontane (C30)

R.T.: 17.610 min
Delta R.T.: -0.001 min
Response: 2360999
Conc: 19.86 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

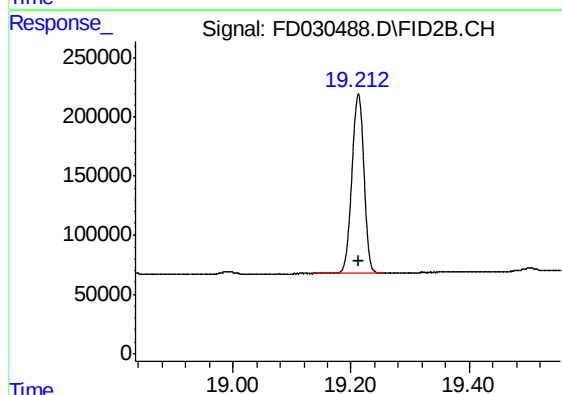
Manual Integrations
APPROVED

Ankita
9/5/2019 1:39:34 PM



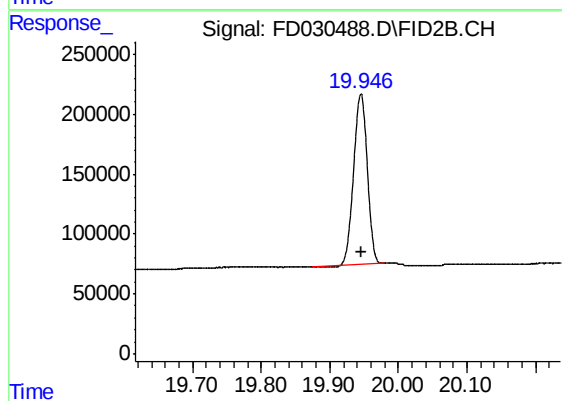
#18 n-Dotriacontane (C32)

R.T.: 18.435 min
Delta R.T.: 0.000 min
Response: 2254165
Conc: 19.66 ug/ml



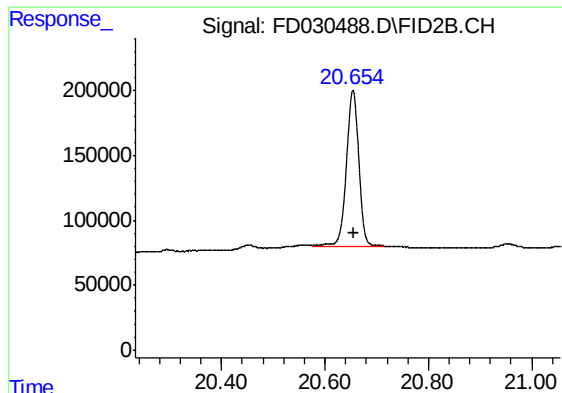
#19 n-Tetratriacontane (C34)

R.T.: 19.212 min
Delta R.T.: 0.000 min
Response: 2133605
Conc: 19.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.945 min
Delta R.T.: -0.001 min
Response: 1960061
Conc: 19.09 ug/ml



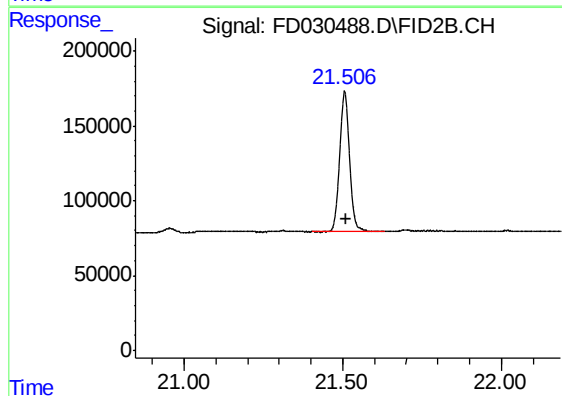
#21 n-Octatriacontane (C38)

R.T.: 20.654 min
Delta R.T.: -0.002 min
Response: 1992589
Conc: 20.54 ug/ml m

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
9/5/2019 1:39:34 PM



#22 n-Tetracontane (C40)

R.T.: 21.506 min
Delta R.T.: -0.003 min
Response: 2020097
Conc: 19.70 ug/ml