

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080819AL\
 Data File : FD029970.D
 Signal(s) : FID2B.CH
 Acq On : 08 Aug 2019 14:43
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Manual Integrations
 APPROVED

Ankita
 8/9/2019 4:03:37 PM

Integration File: autoint1.e
 Quant Time: Aug 08 16:24:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 16:22:32 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)	11.574	6785687	53.074 ug/ml
Spiked Amount 50.000		Recovery =	106.15%
12) S 1-chlorooctadecane (S...	12.999	5641579	53.089 ug/ml
Spiked Amount 50.000		Recovery =	106.18%
Target Compounds			
1) T n-Nonane (C9)	3.370	5889636	52.875 ug/ml
2) T n-Decane (C10)	4.432	5980517	52.828 ug/ml
3) T A-Naphthalene (C11.7)	6.012	6762811	53.050 ug/ml
4) T n-Dodecane (C12)	6.441	6008671	53.097 ug/ml
5) T A~2-methylnaphthalene...	7.064	6813986	52.871 ug/ml
6) T n-Tetradecane (C14)	8.228	6092384	53.322 ug/ml
7) T n-Hexadecane (C16)	9.821	6183224	53.326 ug/ml
8) T n-Octadecane (C18)	11.256	6299085	53.108 ug/ml
10) T n-Eicosane (C20)	12.557	6404823	53.027 ug/ml
11) T n-Heneicosane (C21)	13.165	6407983	53.032 ug/ml
13) T n-Docosane (C22)	13.747	6430747	52.781 ug/ml
14) T n-Tetracosane (C24)	14.842	6454341	52.584 ug/ml
15) T n-Hexacosane (C26)	15.856	6360057	52.507 ug/ml
16) T n-Octacosane (C28)	16.798	6235344	52.223 ug/ml
17) T n-Tricontane (C30)	17.678	5933008	52.136 ug/ml
18) T n-Dotriacontane (C32)	18.503	5379854	51.823 ug/ml
19) T n-Tetratriacontane (C34)	19.278	4349963	52.254 ug/ml
20) T n-Hexatriacontane (C36)	20.010	3668433	52.989 ug/mlm
21) T n-Octatriacontane (C38)	20.727	3271363	52.516 ug/ml
22) T n-Tetracontane (C40)	21.603	3358584	51.695 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080819AL\
Data File : FD029970.D
Signal(s) : FID2B.CH
Acq On : 08 Aug 2019 14:43
Operator : DD\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 53 Sample Multiplier: 1

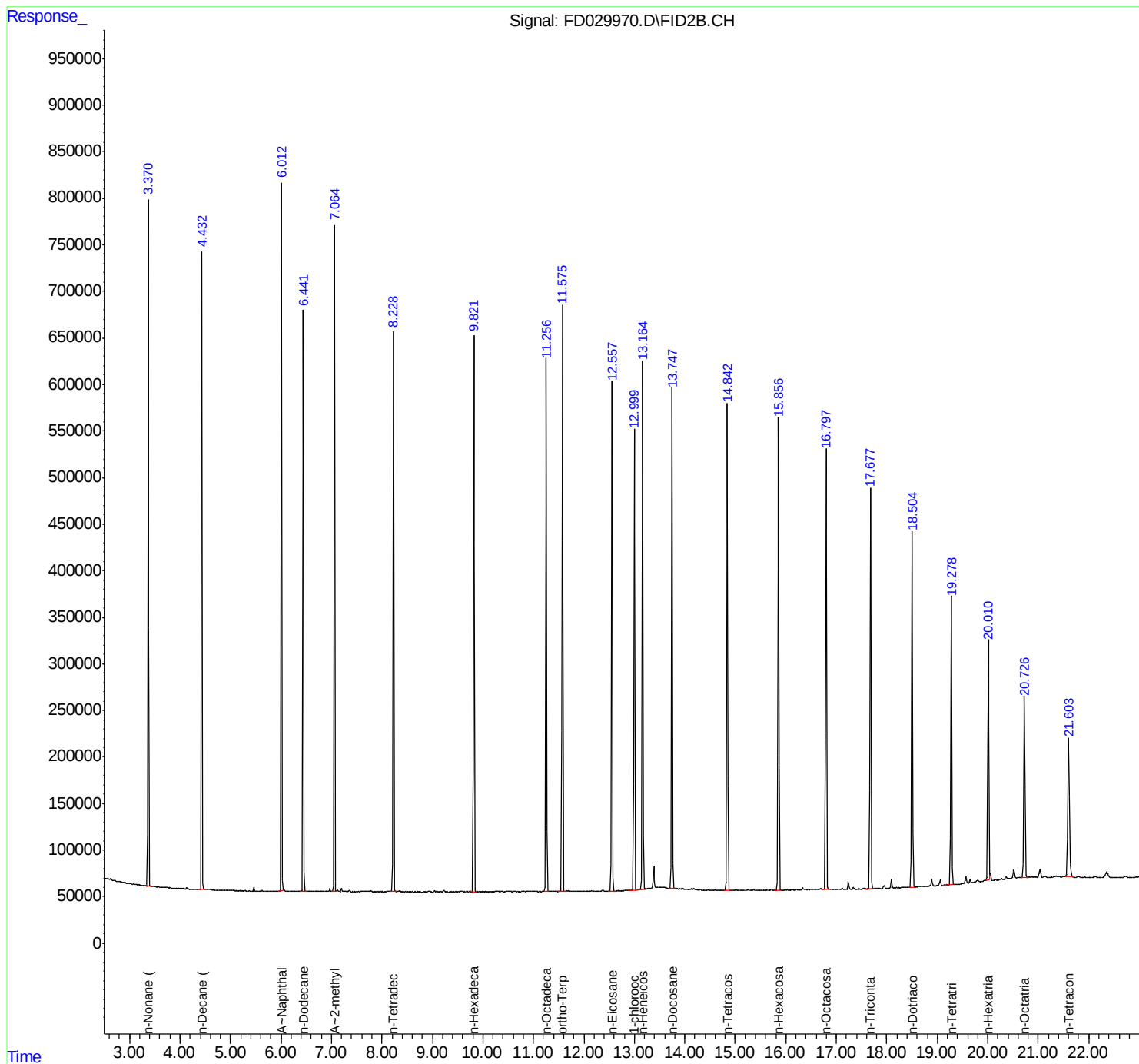
Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2

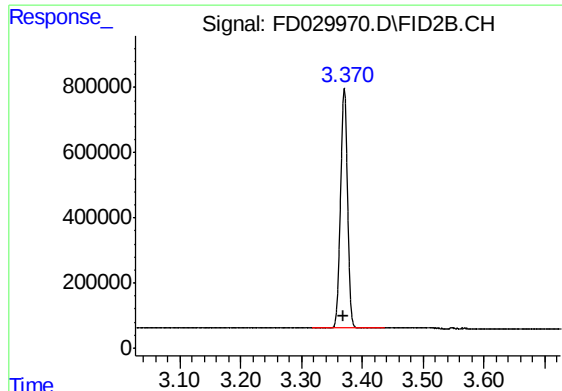
Manual Integrations
APPROVED

Ankita
8/9/2019 4:03:37 PM

Integration File: autoint1.e
Quant Time: Aug 08 16:24:33 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 080819.M
Quant Title : GC Extractables
QLast Update : Thu Aug 08 16:22:32 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





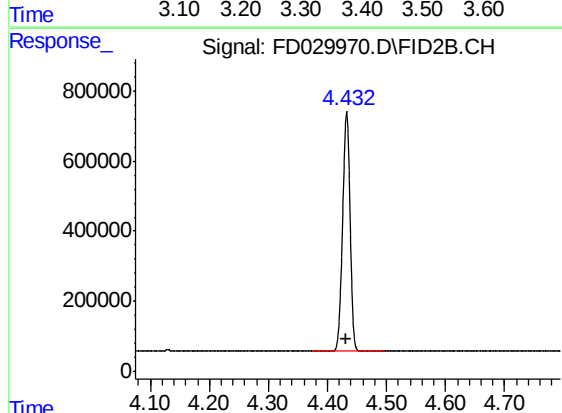
#1 n-Nonane (C9)

R.T.: 3.370 min
Delta R.T.: 0.001 min
Response: 5889636
Conc: 52.87 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2

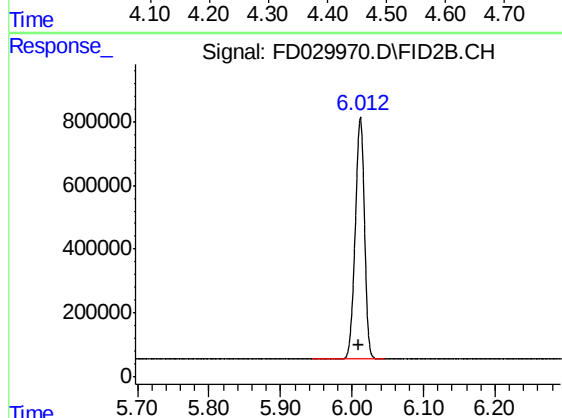
Manual Integrations
APPROVED

Ankita
8/9/2019 4:03:37 PM



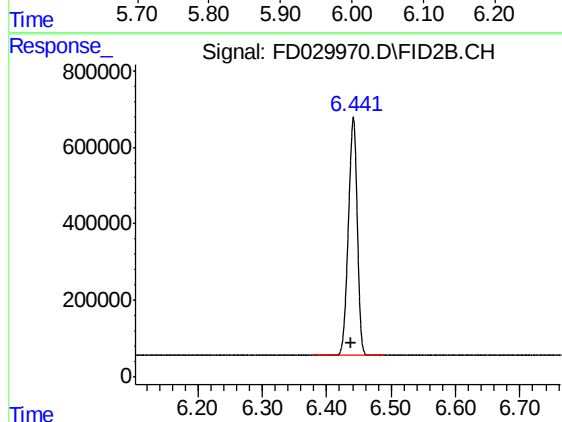
#2 n-Decane (C10)

R.T.: 4.432 min
Delta R.T.: 0.002 min
Response: 5980517
Conc: 52.83 ug/ml



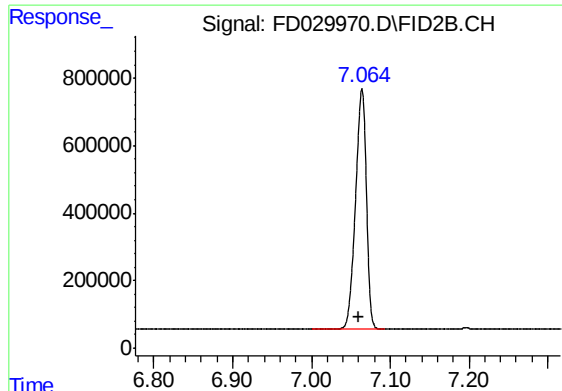
#3 A~Naphthalene (C11.7)

R.T.: 6.012 min
Delta R.T.: 0.002 min
Response: 6762811
Conc: 53.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.441 min
Delta R.T.: 0.003 min
Response: 6008671
Conc: 53.10 ug/ml



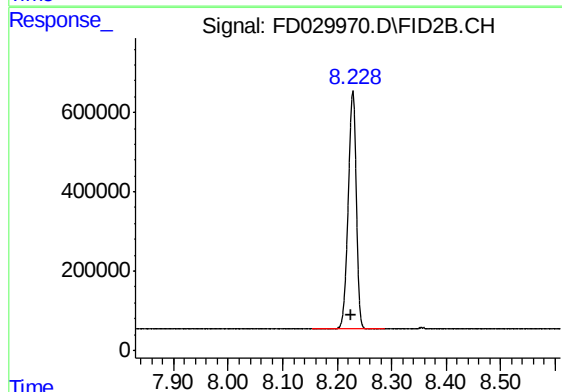
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.064 min
Delta R.T.: 0.004 min
Response: 6813986
Conc: 52.87 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2

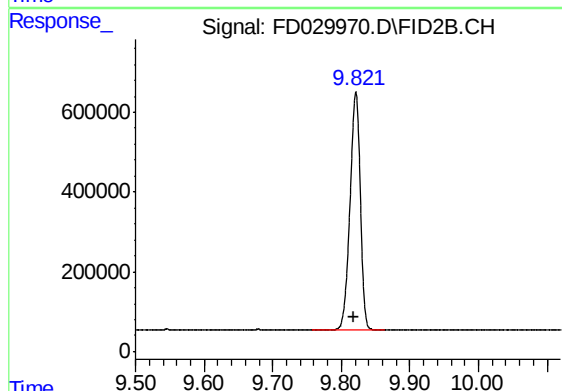
Manual Integrations
APPROVED

Ankita
8/9/2019 4:03:37 PM



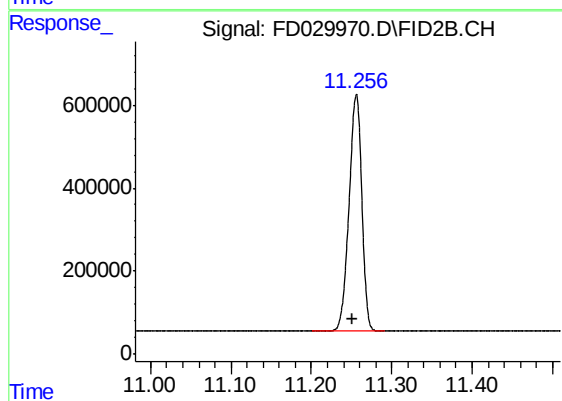
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: 0.003 min
Response: 6092384
Conc: 53.32 ug/ml



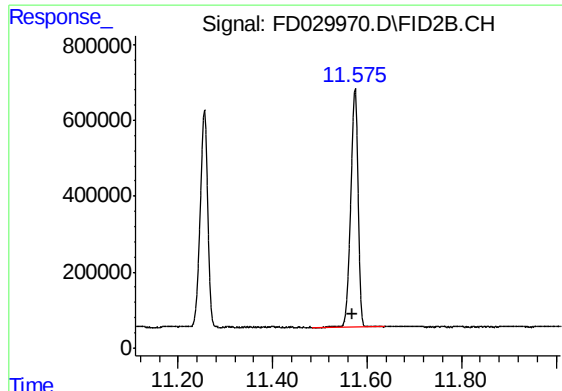
#7 n-Hexadecane (C16)

R.T.: 9.821 min
Delta R.T.: 0.003 min
Response: 6183224
Conc: 53.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.256 min
Delta R.T.: 0.004 min
Response: 6299085
Conc: 53.11 ug/ml



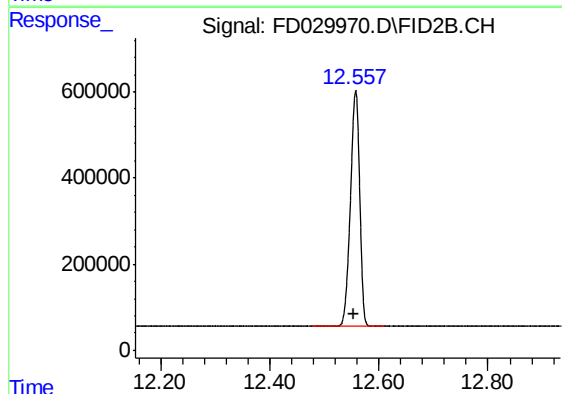
#9 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: 0.005 min
Response: 6785687
Conc: 53.07 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2

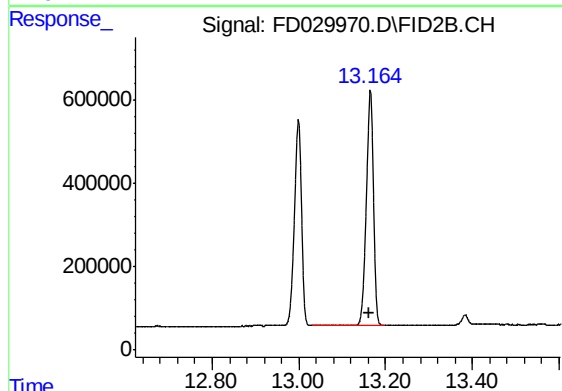
Manual Integrations
APPROVED

Ankita
8/9/2019 4:03:37 PM



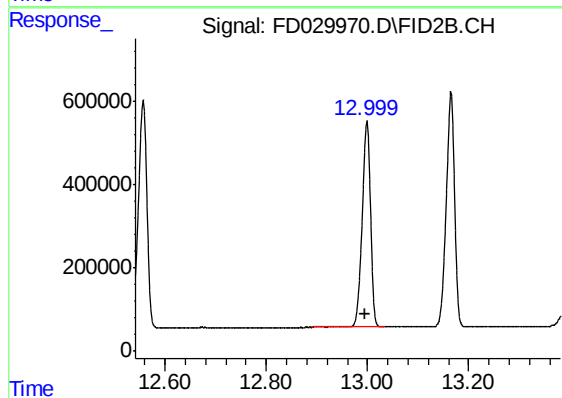
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: 0.004 min
Response: 6404823
Conc: 53.03 ug/ml



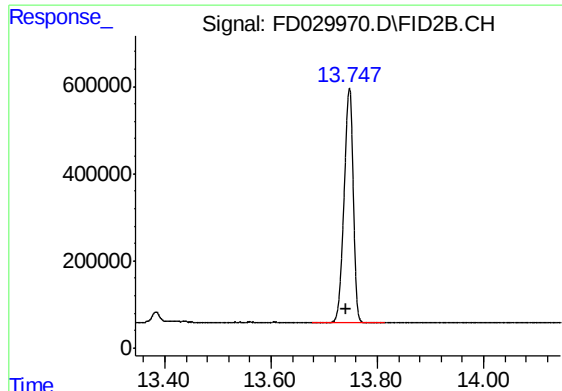
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: 0.004 min
Response: 6407983
Conc: 53.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.999 min
Delta R.T.: 0.004 min
Response: 5641579
Conc: 53.09 ug/ml



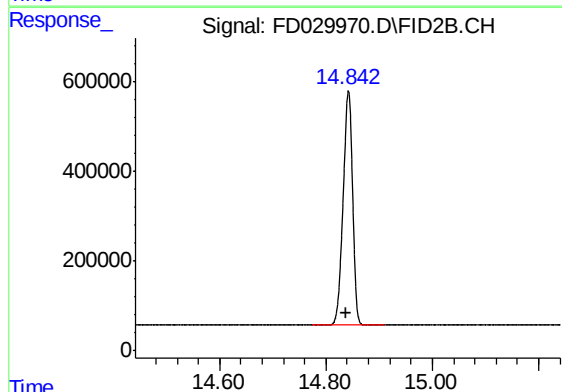
#13 n-Docosane (C22)

R.T.: 13.747 min
Delta R.T.: 0.005 min
Response: 6430747
Conc: 52.78 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2

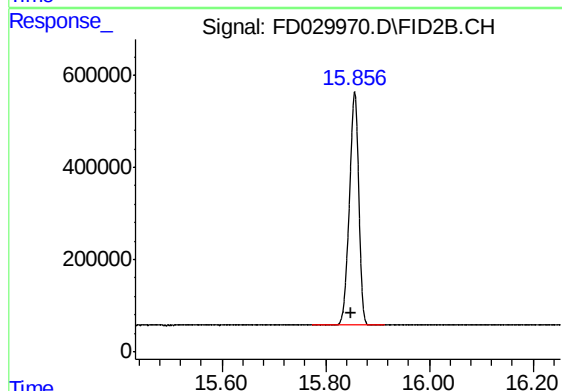
Manual Integrations
APPROVED

Ankita
8/9/2019 4:03:37 PM



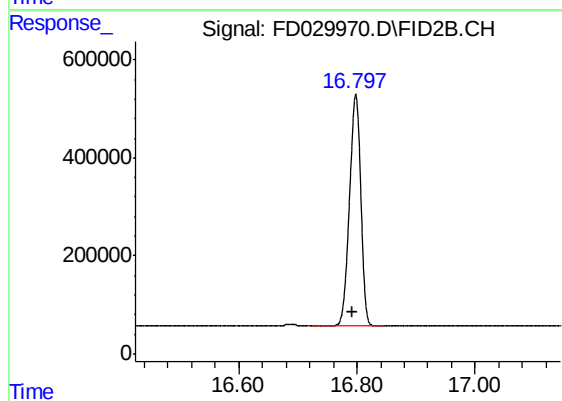
#14 n-Tetracosane (C24)

R.T.: 14.842 min
Delta R.T.: 0.005 min
Response: 6454341
Conc: 52.58 ug/ml



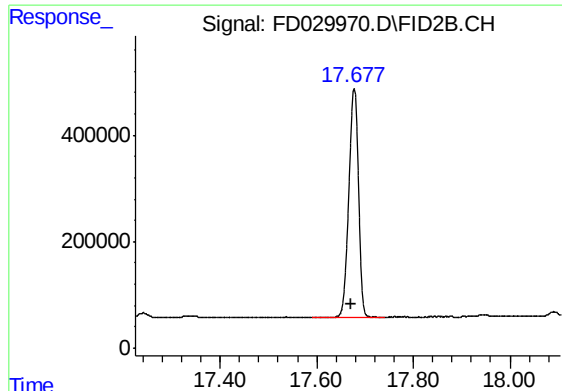
#15 n-Hexacosane (C26)

R.T.: 15.856 min
Delta R.T.: 0.006 min
Response: 6360057
Conc: 52.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: 0.005 min
Response: 6235344
Conc: 52.22 ug/ml



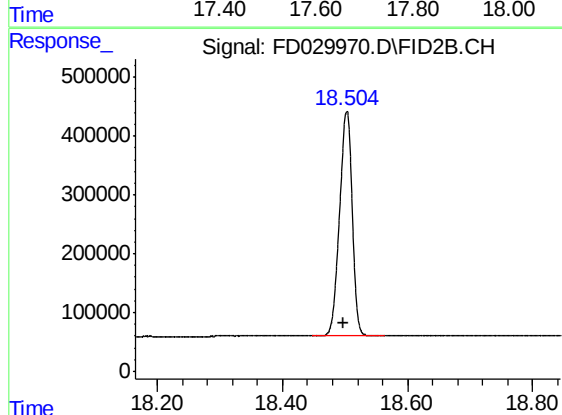
#17 n-Tricontane (C30)

R.T.: 17.678 min
Delta R.T.: 0.006 min
Response: 5933008
Conc: 52.14 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2

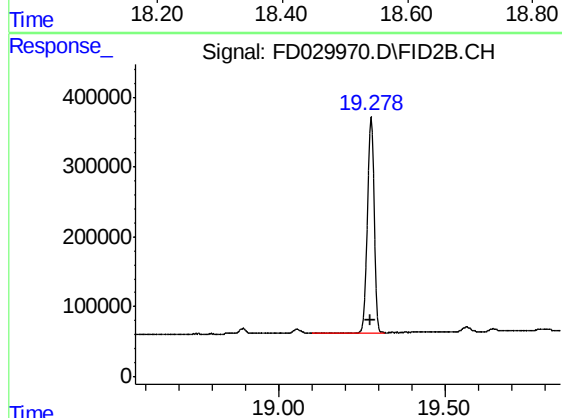
Manual Integrations
APPROVED

Ankita
8/9/2019 4:03:37 PM



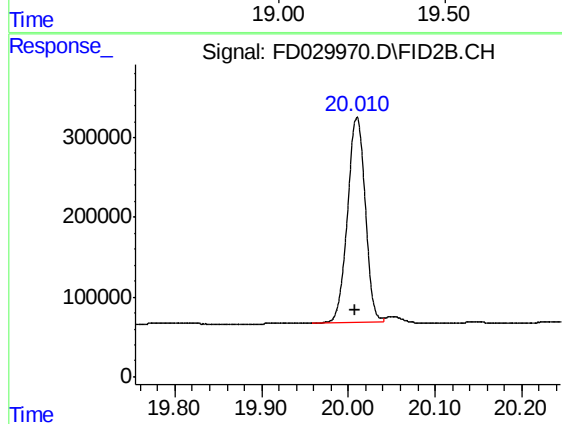
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: 0.005 min
Response: 5379854
Conc: 51.82 ug/ml



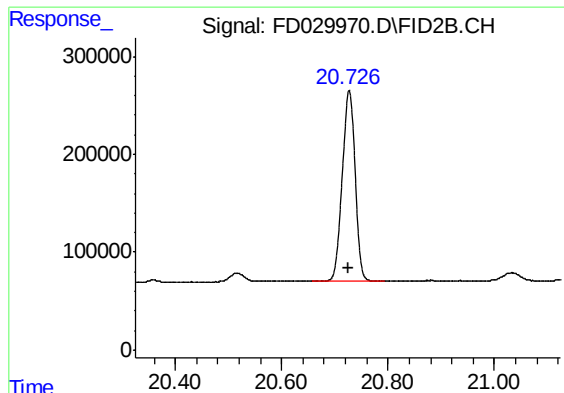
#19 n-Tetatriacontane (C34)

R.T.: 19.278 min
Delta R.T.: 0.003 min
Response: 4349963
Conc: 52.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.010 min
Delta R.T.: 0.003 min
Response: 3668433
Conc: 52.99 ug/ml m



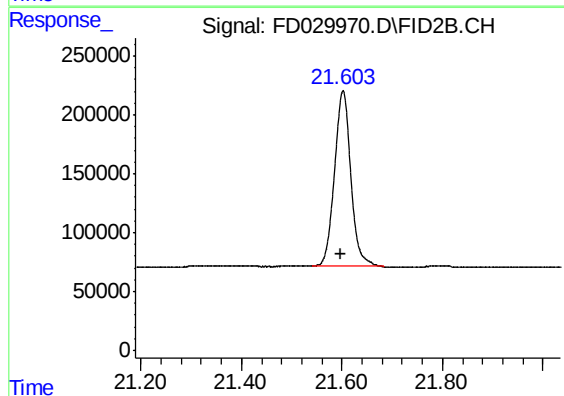
#21 n-Octatriacontane (C38)

R.T.: 20.727 min
Delta R.T.: 0.002 min
Response: 3271363
Conc: 52.52 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Manual Integrations
APPROVED

Ankita
8/9/2019 4:03:37 PM



#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: 0.004 min
Response: 3358584
Conc: 51.69 ug/ml m