

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083021AL\
 Data File : FC055446.D
 Signal(s) : FID1A.CH
 Acq On : 30 Aug 2021 22:14
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

mohammad
 8/31/2021 12:52:42 PM

Integration File: autoint1.e
 Quant Time: Aug 31 01:39:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:37:03 2021
 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)	11.659	630179	5.046 ug/ml
Spiked Amount 50.000		Recovery =	10.09%
12) S 1-chlorooctadecane (S...	13.094	500678	5.064 ug/ml
Spiked Amount 50.000		Recovery =	10.13%
Target Compounds			
1) T n-Nonane (C9)	3.402	548655	5.071 ug/ml
2) T n-Decane (C10)	4.471	552200	5.068 ug/ml
3) T A~Naphthalene (C11.7)	6.062	622149	5.054 ug/ml
4) T n-Dodecane (C12)	6.493	557445	5.103 ug/ml
5) T A~2-methylnaphthalene...	7.119	631168	5.087 ug/ml
6) T n-Tetradecane (C14)	8.291	561811	5.054 ug/ml
7) T n-Hexadecane (C16)	9.894	574313	5.101 ug/ml
8) T n-Octadecane (C18)	11.338	590882	5.088 ug/ml
10) T n-Eicosane (C20)	12.649	589645	5.082 ug/ml
11) T n-Heneicosane (C21)	13.262	599825	5.115 ug/ml
13) T n-Docosane (C22)	13.849	594947	5.115 ug/ml
14) T n-Tetracosane (C24)	14.953	590113	5.070 ug/ml
15) T n-Hexacosane (C26)	15.974	572157	5.049 ug/ml
16) T n-Octacosane (C28)	16.923	565802	5.107 ug/ml
17) T n-Tricontane (C30)	17.811	545234	5.126 ug/ml
18) T n-Dotriacontane (C32)	18.644	515907	5.179 ug/ml
19) T n-Tetratriacontane (C34)	19.427	483803	5.130 ug/ml
20) T n-Hexatriacontane (C36)	20.167	448418	5.179 ug/ml
21) T n-Octatriacontane (C38)	20.918	418269	5.157 ug/mlm
22) T n-Tetracontane (C40)	21.860	420947	5.254 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083021AL\
Data File : FC055446.D
Signal(s) : FID1A.CH
Acq On : 30 Aug 2021 22:14
Operator : AJ\MA
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 6 Sample Multiplier: 1

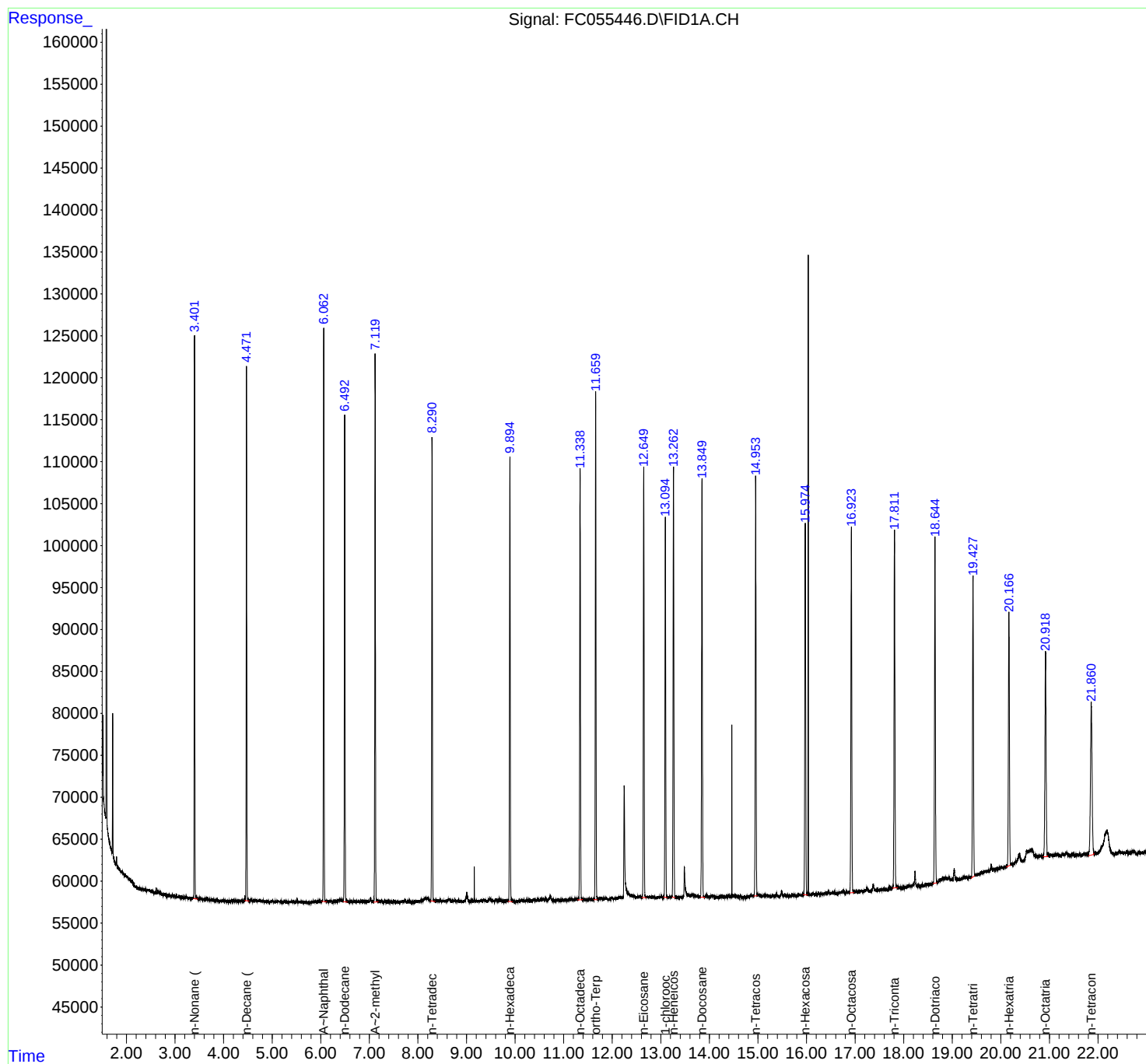
Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

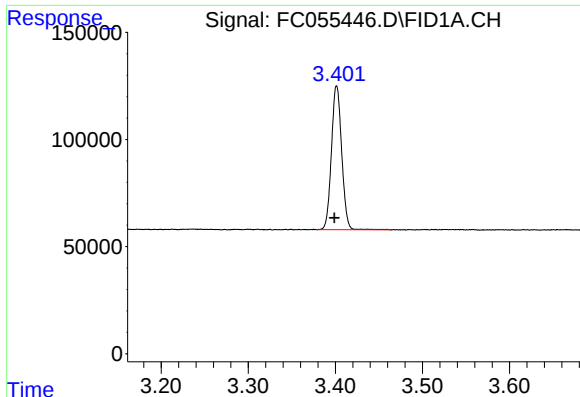
Manual Integrations
APPROVED

mohammad
8/31/2021 12:52:42 PM

Integration File: autoint1.e
Quant Time: Aug 31 01:39:52 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
Quant Title : GC Extractables
QLast Update : Tue Aug 31 01:37:03 2021
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





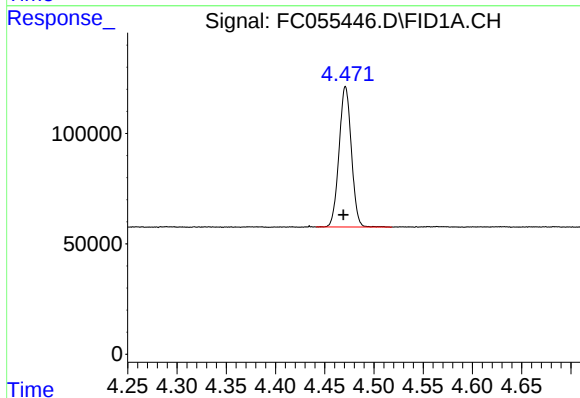
#1 n-Nonane (C9)

R.T.: 3.402 min
Delta R.T.: 0.003 min
Response: 548655
Conc: 5.07 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

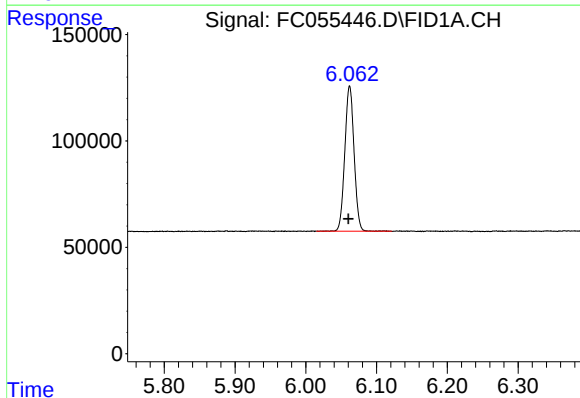
Manual Integrations
APPROVED

mohammad
8/31/2021 12:52:42 PM



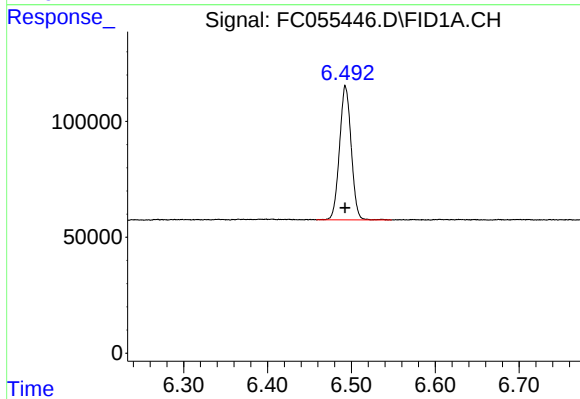
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.002 min
Response: 552200
Conc: 5.07 ug/ml



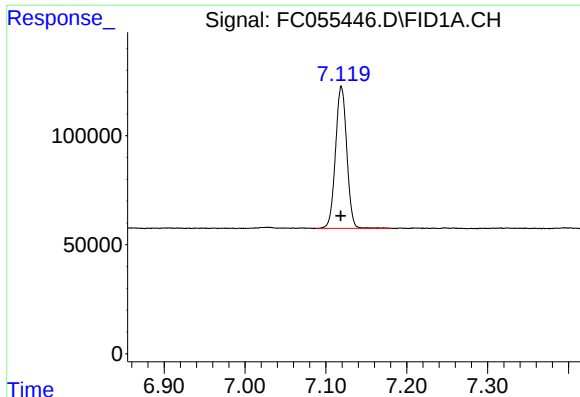
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: 0.002 min
Response: 622149
Conc: 5.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 557445
Conc: 5.10 ug/ml



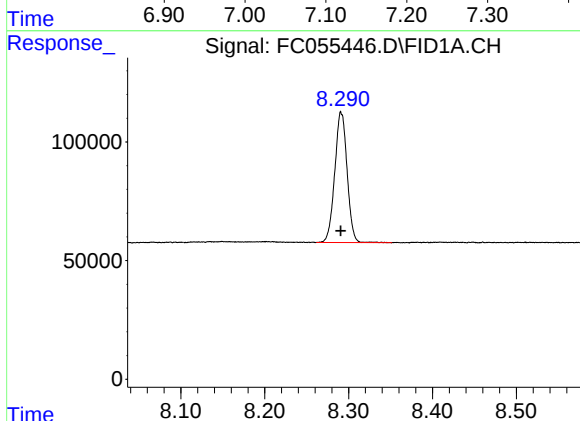
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 631168
Conc: 5.09 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

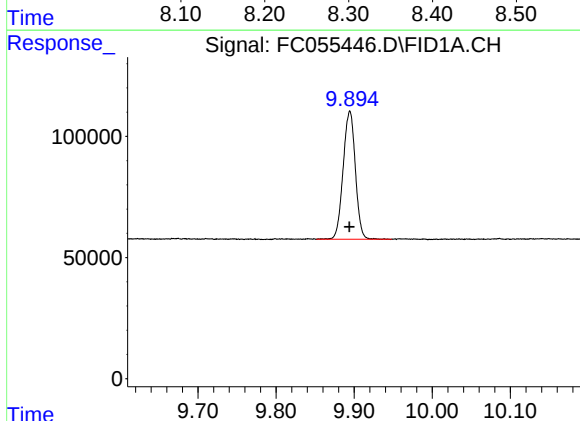
Manual Integrations
APPROVED

mohammad
8/31/2021 12:52:42 PM



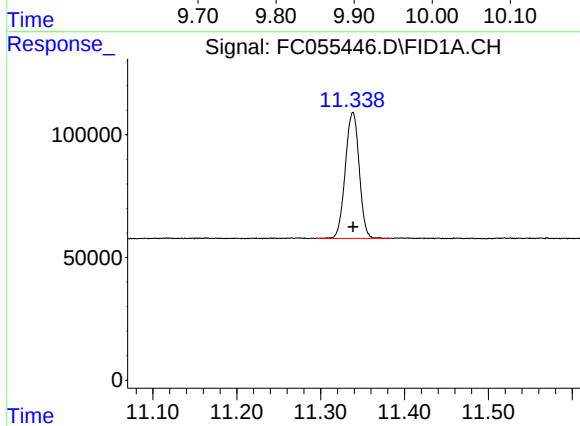
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 561811
Conc: 5.05 ug/ml



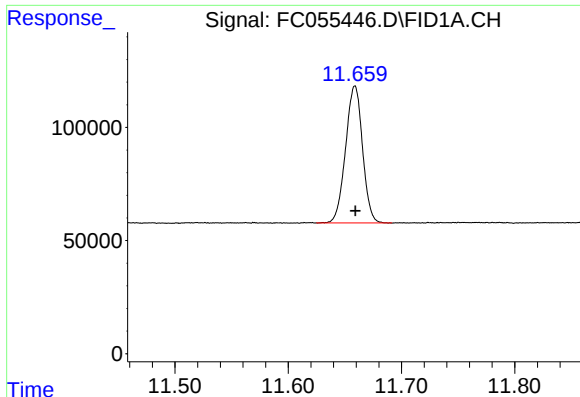
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 574313
Conc: 5.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.338 min
Delta R.T.: 0.000 min
Response: 590882
Conc: 5.09 ug/ml



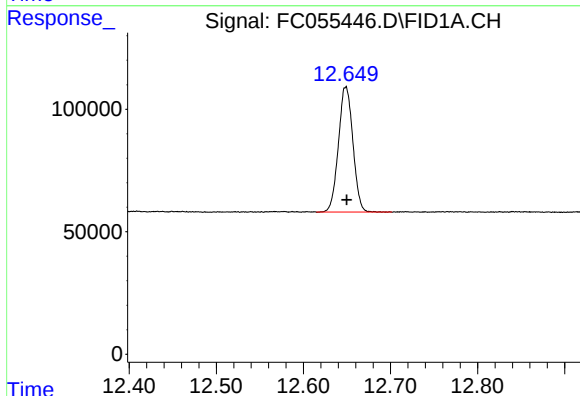
#9 ortho-Terphenyl (SURR)

R.T.: 11.659 min
Delta R.T.: 0.000 min
Response: 630179
Conc: 5.05 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

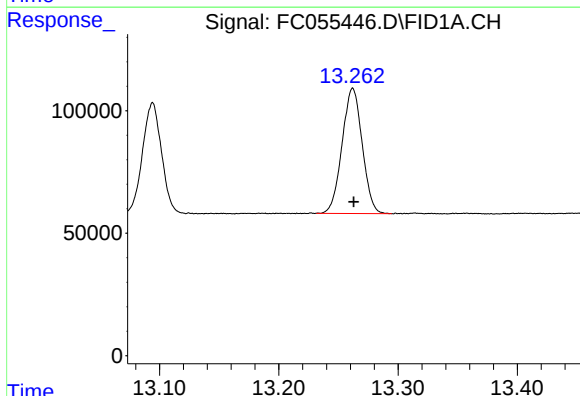
Manual Integrations
APPROVED

mohammad
8/31/2021 12:52:42 PM



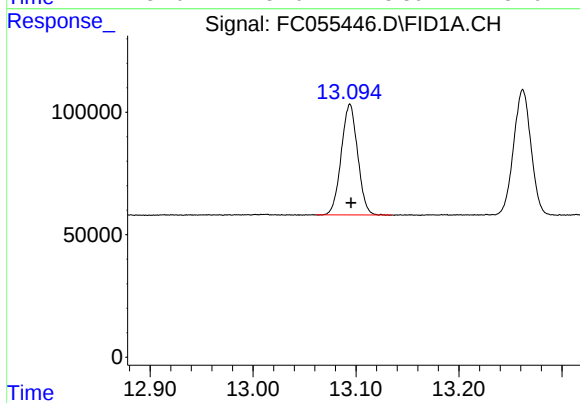
#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: -0.001 min
Response: 589645
Conc: 5.08 ug/ml



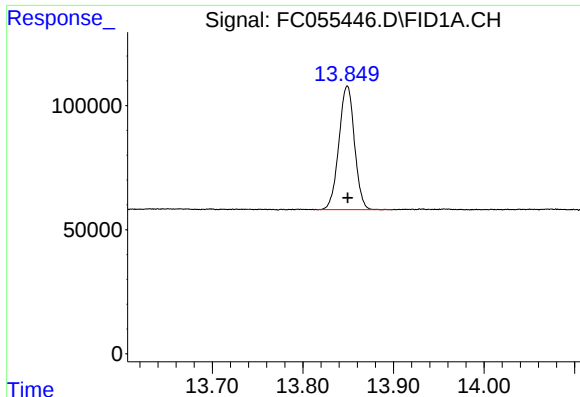
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: -0.001 min
Response: 599825
Conc: 5.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.094 min
Delta R.T.: -0.001 min
Response: 500678
Conc: 5.06 ug/ml



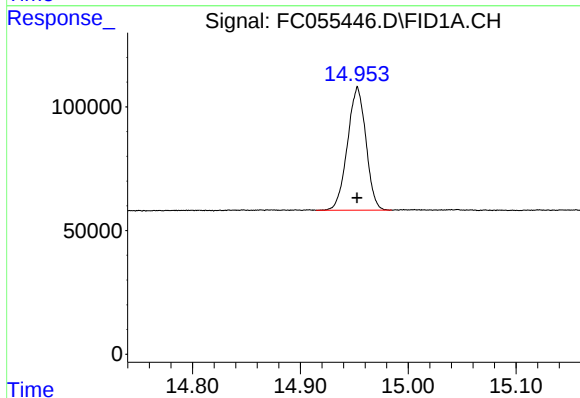
#13 n-Docosane (C22)

R.T.: 13.849 min
Delta R.T.: 0.000 min
Response: 594947
Conc: 5.11 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

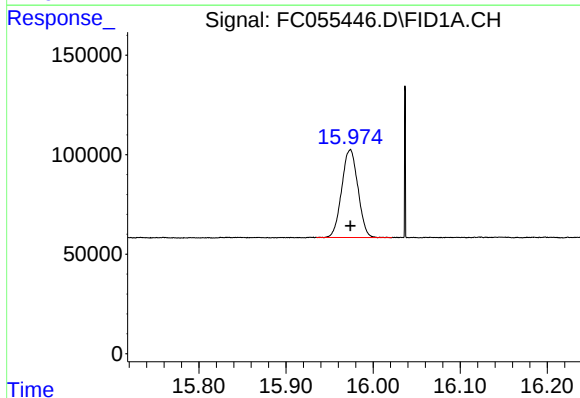
Manual Integrations
APPROVED

mohammad
8/31/2021 12:52:42 PM



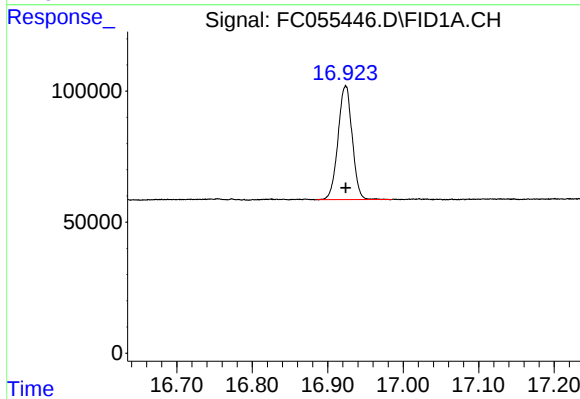
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.000 min
Response: 590113
Conc: 5.07 ug/ml



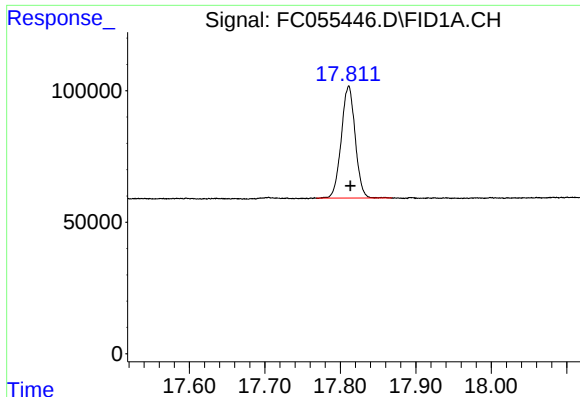
#15 n-Hexacosane (C26)

R.T.: 15.974 min
Delta R.T.: 0.000 min
Response: 572157
Conc: 5.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.923 min
Delta R.T.: 0.000 min
Response: 565802
Conc: 5.11 ug/ml



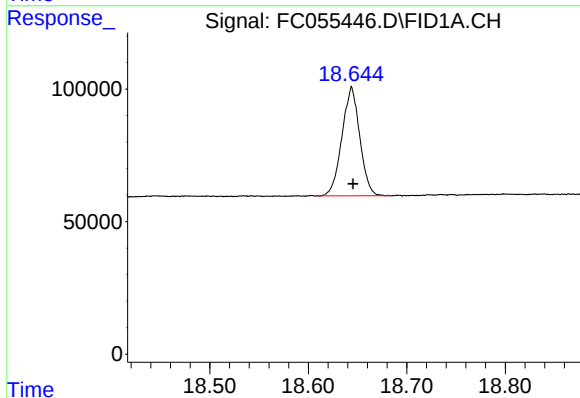
#17 n-Tricontane (C30)

R.T.: 17.811 min
Delta R.T.: -0.002 min
Response: 545234
Conc: 5.13 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

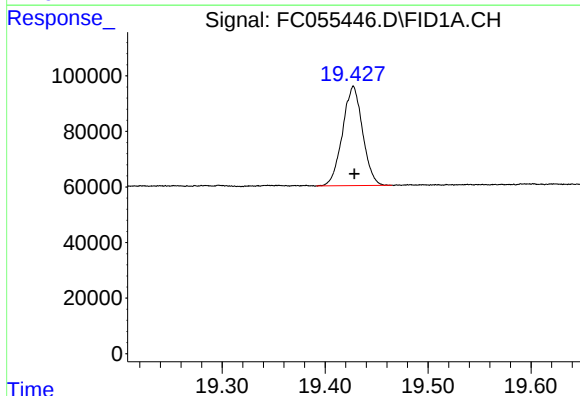
Manual Integrations
APPROVED

mohammad
8/31/2021 12:52:42 PM



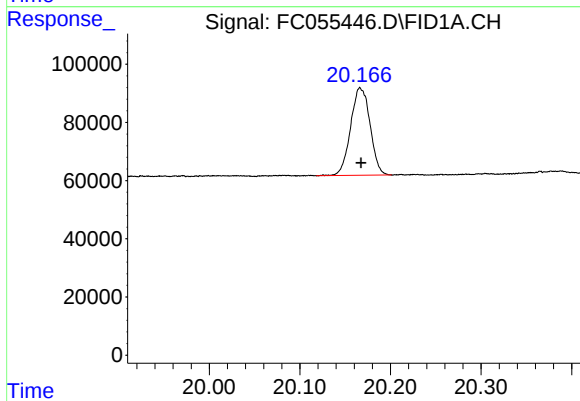
#18 n-Dotriacontane (C32)

R.T.: 18.644 min
Delta R.T.: -0.002 min
Response: 515907
Conc: 5.18 ug/ml



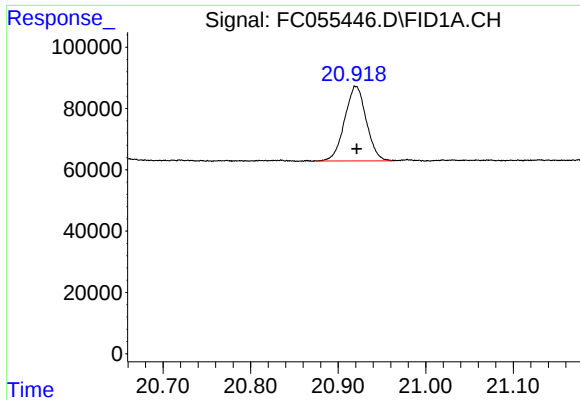
#19 n-Tetratriacontane (C34)

R.T.: 19.427 min
Delta R.T.: -0.001 min
Response: 483803
Conc: 5.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.167 min
Delta R.T.: 0.000 min
Response: 448418
Conc: 5.18 ug/ml



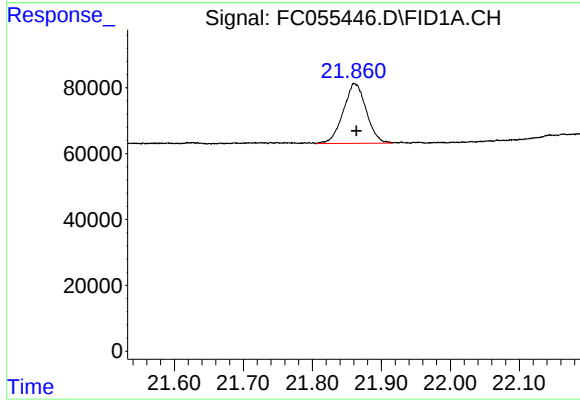
#21 n-Octatriacontane (C38)

R.T.: 20.918 min
Delta R.T.: -0.003 min
Response: 418269
Conc: 5.16 ug/ml m

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Manual Integrations
APPROVED

mohammad
8/31/2021 12:52:42 PM



#22 n-Tetracontane (C40)

R.T.: 21.860 min
Delta R.T.: -0.004 min
Response: 420947
Conc: 5.25 ug/ml m