

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090221AL\
 Data File : FC055495.D
 Signal(s) : FID1A.CH
 Acq On : 02 Sep 2021 19:49
 Operator : AJ\MA
 Sample : M3614-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 NB-8-083121-EPH-2MSD

Manual Integrations
 APPROVED

mohammad
 9/7/2021 8:06:52 AM

Integration File: autoint1.e
 Quant Time: Sep 03 01:06:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.657	5599954	44.826 ug/ml
Spiked Amount 50.000		Recovery =	89.65%
12) S 1-chlorooctadecane (S...	13.090	9278633	93.755 ug/ml
Spiked Amount 50.000		Recovery =	187.51%
Target Compounds			
1) T n-Nonane (C9)	3.405	4727061	43.731 ug/ml
2) T n-Decane (C10)	4.474	5421008	49.716 ug/ml
3) T A~Naphthalene (C11.7)	6.063	6453382	52.372 ug/ml
4) T n-Dodecane (C12)	6.494	5979994	54.614 ug/ml
5) T A~2-methylnaphthalene...	7.122	6512838	52.334 ug/ml
6) T n-Tetradecane (C14)	8.293	6597722	59.238 ug/ml
7) T n-Hexadecane (C16)	9.894	6957931	61.566 ug/ml
8) T n-Octadecane (C18)	11.337	7166858	61.557 ug/ml
10) T n-Eicosane (C20)	12.646	6798962	58.187 ug/ml
11) T n-Heneicosane (C21)	13.259	6795229	57.736 ug/ml
13) T n-Docosane (C22)	13.845	6548058	56.134 ug/ml
14) T n-Tetracosane (C24)	14.939	11989614	102.952 ug/ml
15) T n-Hexacosane (C26)	15.970	5848125	51.624 ug/ml
16) T n-Octacosane (C28)	16.916	5664464	51.190 ug/ml
17) T n-Tricontane (C30)	17.806	5299758	49.841 ug/ml
18) T n-Dotriacontane (C32)	18.636	5092358	50.812 ug/ml
19) T n-Tetratriacontane (C34)	19.420	4635954	49.121 ug/ml
20) T n-Hexatriacontane (C36)	20.157	4413726	50.835 ug/ml
21) T n-Octatriacontane (C38)	20.908	4145088	50.854 ug/ml
22) T n-Tetracontane (C40)	21.845	4343622	54.082 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090221AL\
Data File : FC055495.D
Signal(s) : FID1A.CH
Acq On : 02 Sep 2021 19:49
Operator : AJ\MA
Sample : M3614-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

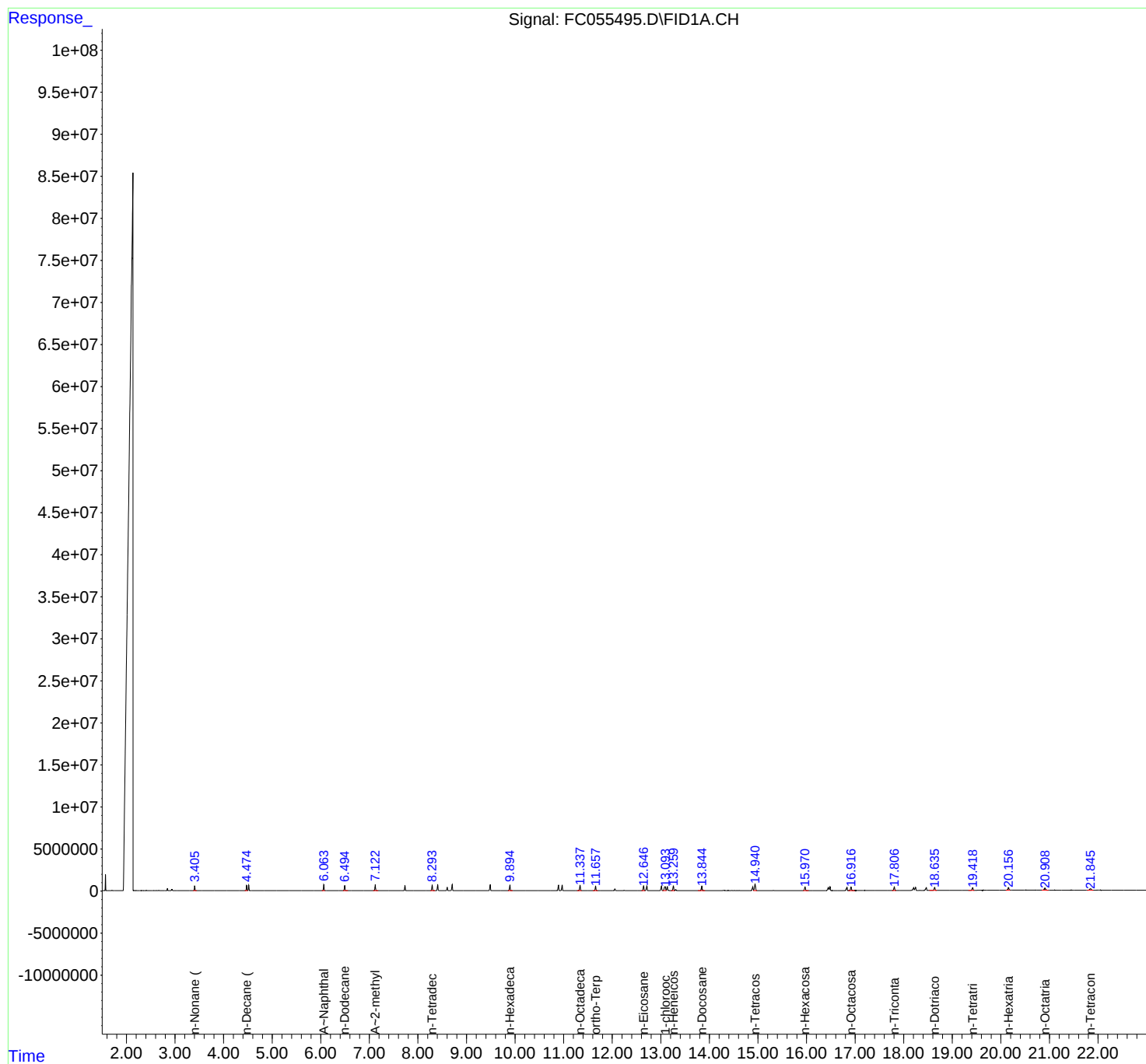
Instrument :
FID_C
ClientSampleId :
NB-8-083121-EPH-2MSD

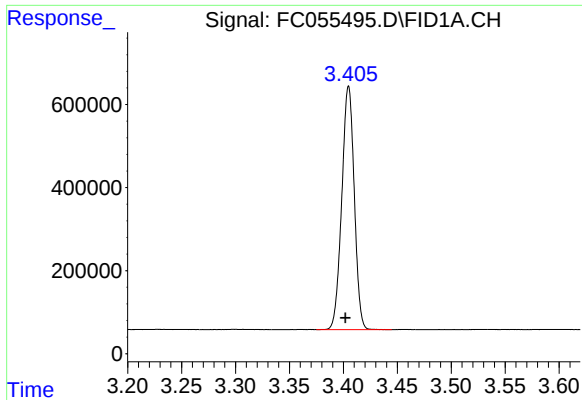
Manual Integrations
APPROVED

mohammad
9/7/2021 8:06:52 AM

Integration File: autoint1.e
Quant Time: Sep 03 01:06:36 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
Quant Title : GC Extractables
QLast Update : Tue Aug 31 01:45:39 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





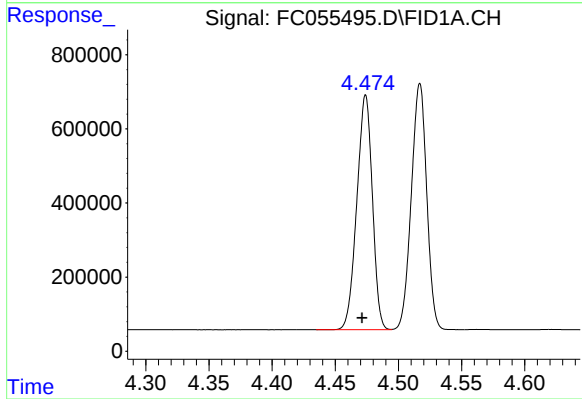
#1 n-Nonane (C9)

R.T.: 3.405 min
Delta R.T.: 0.003 min
Response: 4727061
Conc: 43.73 ug/ml

Instrument :
FID_C
ClientSampleId :
NB-8-083121-EPH-2MSD

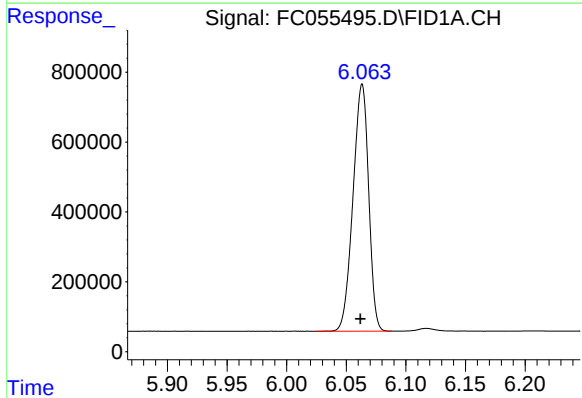
Manual Integrations
APPROVED

mohammad
9/7/2021 8:06:52 AM



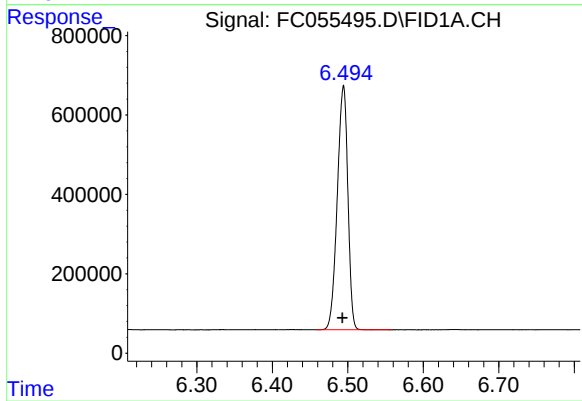
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.003 min
Response: 5421008
Conc: 49.72 ug/ml



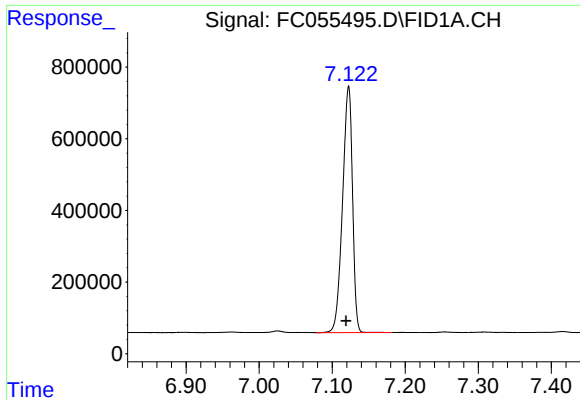
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: 0.001 min
Response: 6453382
Conc: 52.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 5979994
Conc: 54.61 ug/ml



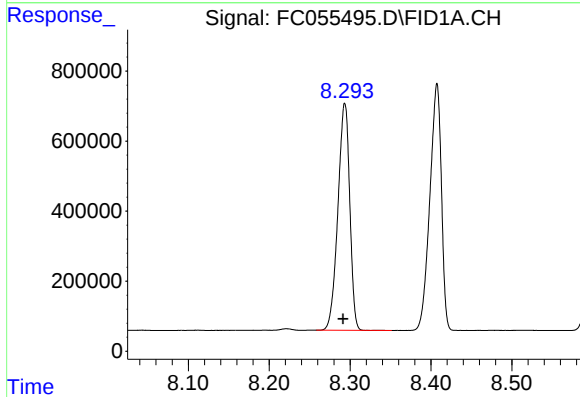
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: 0.003 min
Response: 6512838
Conc: 52.33 ug/ml

Instrument :
FID_C
ClientSampleId :
NB-8-083121-EPH-2MSD

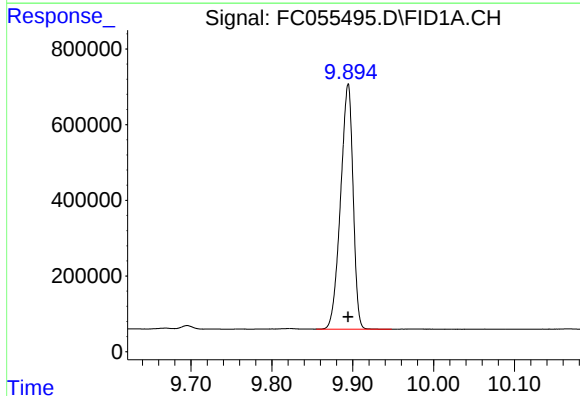
Manual Integrations
APPROVED

mohammad
9/7/2021 8:06:52 AM



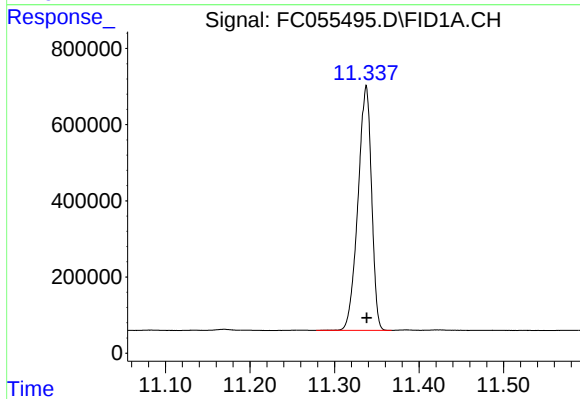
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: 0.002 min
Response: 6597722
Conc: 59.24 ug/ml



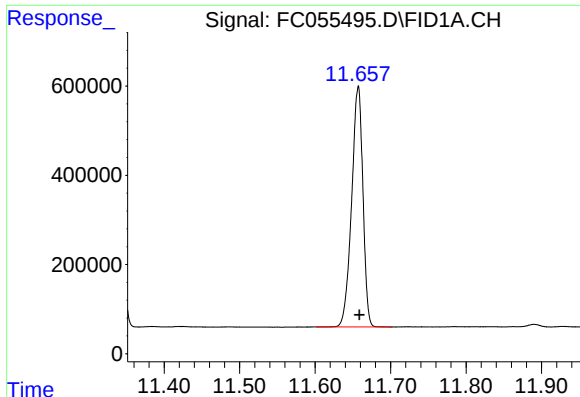
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 6957931
Conc: 61.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: -0.001 min
Response: 7166858
Conc: 61.56 ug/ml



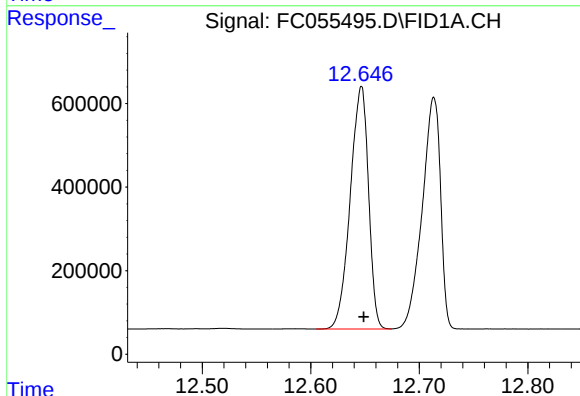
#9 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: -0.002 min
Response: 5599954
Conc: 44.83 ug/ml

Instrument :
FID_C
ClientSampleId :
NB-8-083121-EPH-2MSD

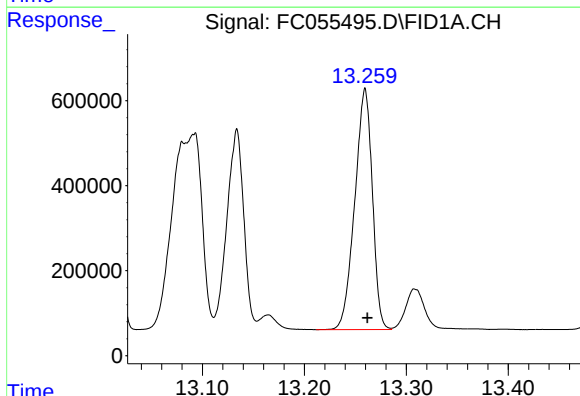
Manual Integrations
APPROVED

mohammad
9/7/2021 8:06:52 AM



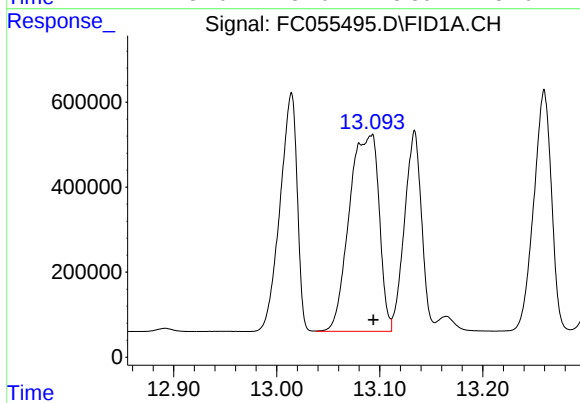
#10 n-Eicosane (C20)

R.T.: 12.646 min
Delta R.T.: -0.003 min
Response: 6798962
Conc: 58.19 ug/ml



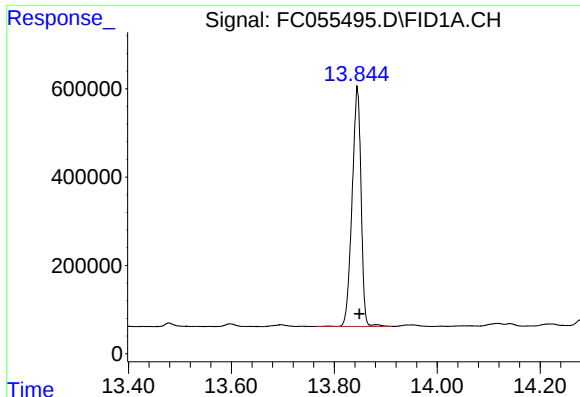
#11 n-Heneicosane (C21)

R.T.: 13.259 min
Delta R.T.: -0.003 min
Response: 6795229
Conc: 57.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.090 min
Delta R.T.: -0.004 min
Response: 9278633
Conc: 93.75 ug/ml



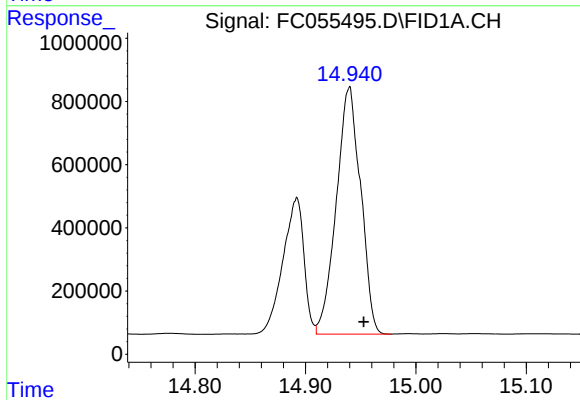
#13 n-Docosane (C22)

R.T.: 13.845 min
Delta R.T.: -0.004 min
Response: 6548058
Conc: 56.13 ug/ml

Instrument :
FID_C
ClientSampleId :
NB-8-083121-EPH-2MSD

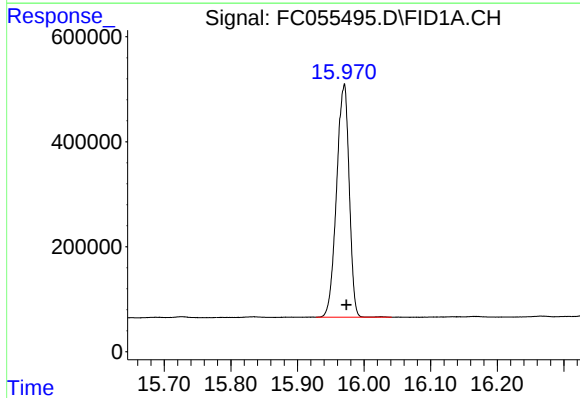
Manual Integrations
APPROVED

mohammad
9/7/2021 8:06:52 AM



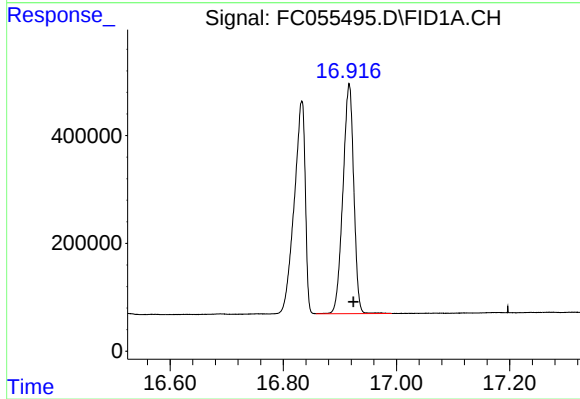
#14 n-Tetracosane (C24)

R.T.: 14.939 min
Delta R.T.: -0.013 min
Response: 11989614
Conc: 102.95 ug/ml



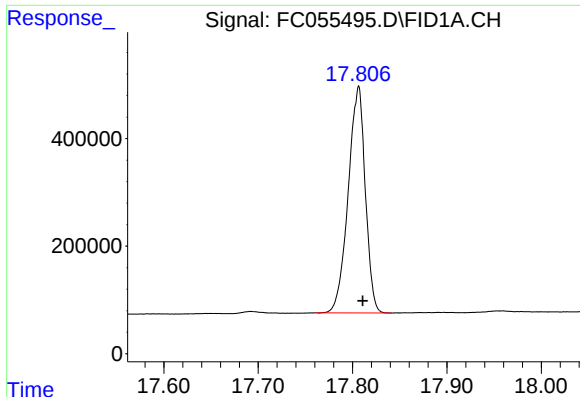
#15 n-Hexacosane (C26)

R.T.: 15.970 min
Delta R.T.: -0.004 min
Response: 5848125
Conc: 51.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.916 min
Delta R.T.: -0.007 min
Response: 5664464
Conc: 51.19 ug/ml



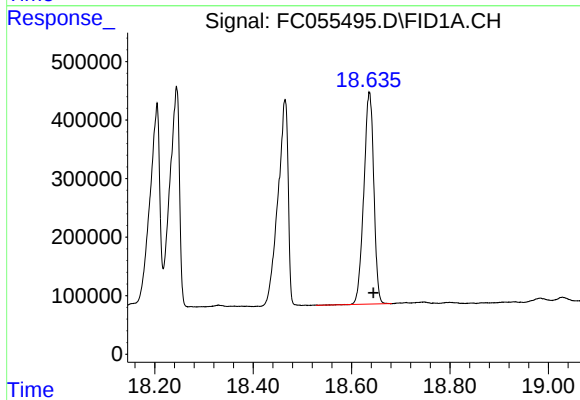
#17 n-Tricontane (C30)

R.T.: 17.806 min
Delta R.T.: -0.005 min
Response: 5299758
Conc: 49.84 ug/ml

Instrument :
FID_C
ClientSampleId :
NB-8-083121-EPH-2MSD

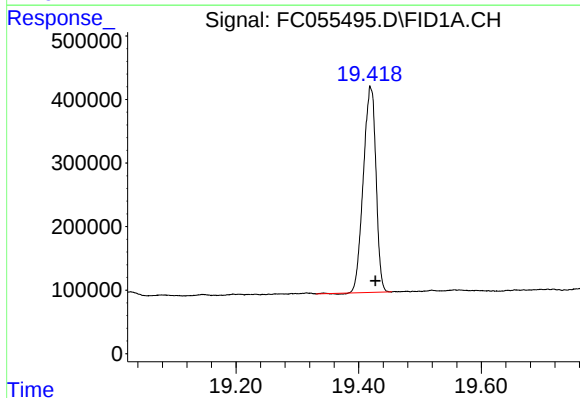
Manual Integrations
APPROVED

mohammad
9/7/2021 8:06:52 AM



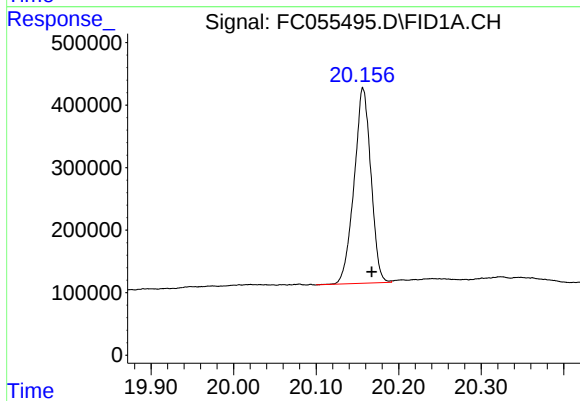
#18 n-Dotriacontane (C32)

R.T.: 18.636 min
Delta R.T.: -0.008 min
Response: 5092358
Conc: 50.81 ug/ml



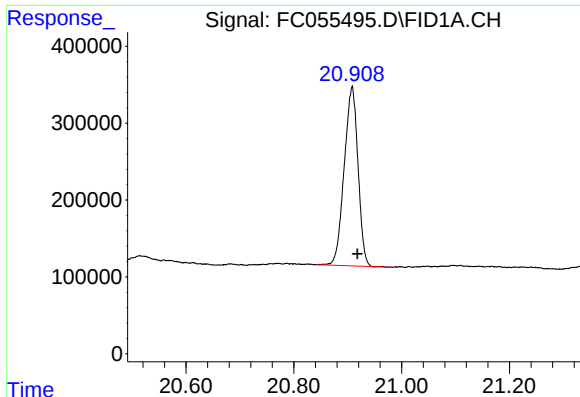
#19 n-Tetratriacontane (C34)

R.T.: 19.420 min
Delta R.T.: -0.008 min
Response: 4635954
Conc: 49.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.157 min
Delta R.T.: -0.010 min
Response: 4413726
Conc: 50.83 ug/ml



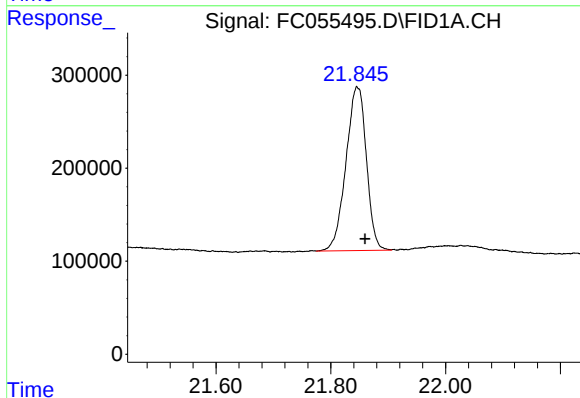
#21 n-Octatriacontane (C38)

R.T.: 20.908 min
Delta R.T.: -0.010 min
Response: 4145088
Conc: 50.85 ug/ml

Instrument :
FID_C
ClientSampleId :
NB-8-083121-EPH-2MSD

Manual Integrations
APPROVED

mohammad
9/7/2021 8:06:52 AM



#22 n-Tetracontane (C40)

R.T.: 21.845 min
Delta R.T.: -0.015 min
Response: 4343622
Conc: 54.08 ug/ml m