

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080421AL\
 Data File : FC055000.D
 Signal(s) : FID1A.CH
 Acq On : 04 Aug 2021 19:45
 Operator : AJ\MA
 Sample : M3271-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-2MSD

Manual Integrations
 APPROVED

mohammad

8/5/2021 3:01:51 PM

Integration File: autoint1.e
 Quant Time: Aug 05 01:15:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.305	4654168	36.967 ug/ml
Spiked Amount 50.000		Recovery =	73.93%
12) S 1-chlorooctadecane (S...	12.746	3732355	37.660 ug/ml
Spiked Amount 50.000		Recovery =	75.32%
Target Compounds			
1) T n-Nonane (C9)	3.139	3747532	35.839 ug/ml
2) T n-Decane (C10)	4.189	4260012	40.453 ug/ml
3) T A~Naphthalene (C11.7)	5.750	4833151	44.480 ug/ml
4) T n-Dodecane (C12)	6.188	4895201	45.079 ug/ml
5) T A~2-methylnaphthalene...	6.801	5091897	46.655 ug/ml
6) T n-Tetradecane (C14)	7.975	5394096	48.318 ug/ml
7) T n-Hexadecane (C16)	9.567	5812501	50.963 ug/ml
8) T n-Octadecane (C18)	11.003	6210697	52.668 ug/ml
10) T n-Eicosane (C20)	12.307	6133558	52.243 ug/ml
11) T n-Heneicosane (C21)	12.916	6150145	52.086 ug/ml
13) T n-Docosane (C22)	13.501	6038374	51.700 ug/mlm
14) T n-Tetracosane (C24)	14.599	5970528	51.582 ug/mlm
15) T n-Hexacosane (C26)	15.618	5910423	52.738 ug/mlm
16) T n-Octacosane (C28)	16.563	5834331	53.736 ug/mlm
17) T n-Tricontane (C30)	17.450	5420800	51.918 ug/ml
18) T n-Dotriacontane (C32)	18.278	5097940	51.477 ug/ml
19) T n-Tetratriacontane (C34)	19.059	4626655	48.815 ug/ml
20) T n-Hexatriacontane (C36)	19.797	4267521	47.225 ug/ml
21) T n-Octatriacontane (C38)	20.499	4010942	46.421 ug/ml
22) T n-Tetracontane (C40)	21.307	4084258	45.862 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080421AL\
Data File : FC055000.D
Signal(s) : FID1A.CH
Acq On : 04 Aug 2021 19:45
Operator : AJ\MA
Sample : M3271-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_C
ClientSampled :
TP-2MSD

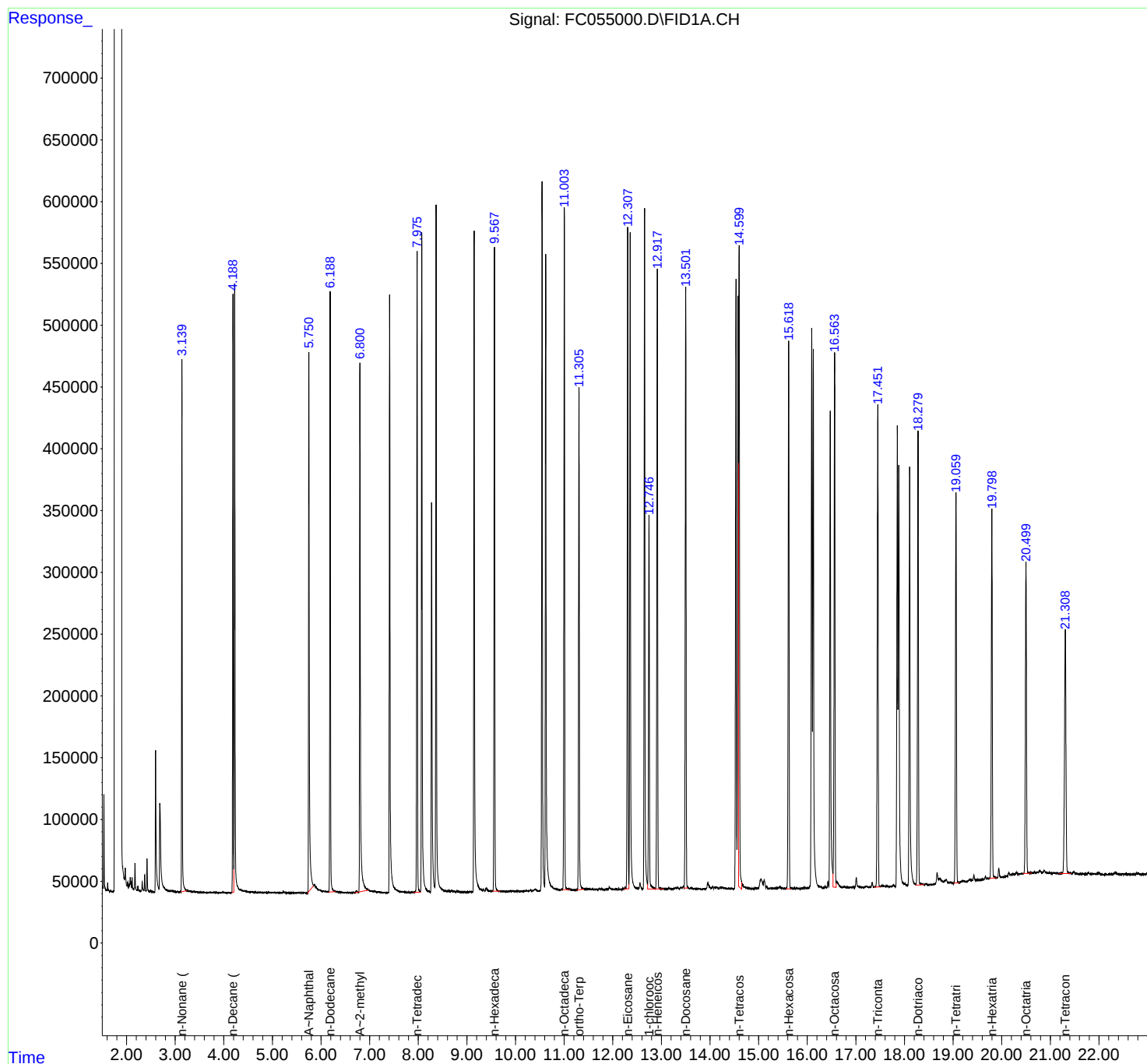
Manual Integrations
APPROVED

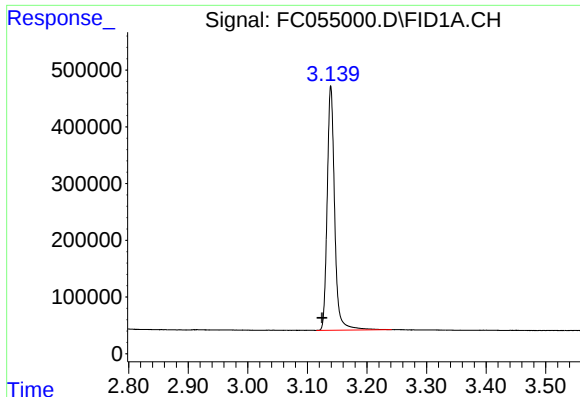
mohammad

8/5/2021 3:01:51 PM

Integration File: autoint1.e
Quant Time: Aug 05 01:15:10 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080321.M
Quant Title : GC Extractables
QLast Update : Wed Aug 04 02:08:31 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)

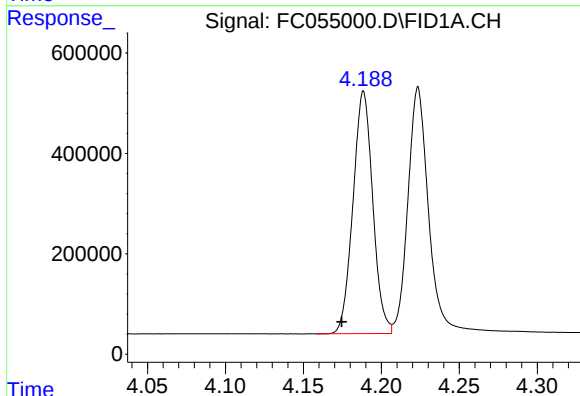
R.T.: 3.139 min
Delta R.T.: 0.014 min
Response: 3747532
Conc: 35.84 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-2MSD

Manual Integrations
APPROVED

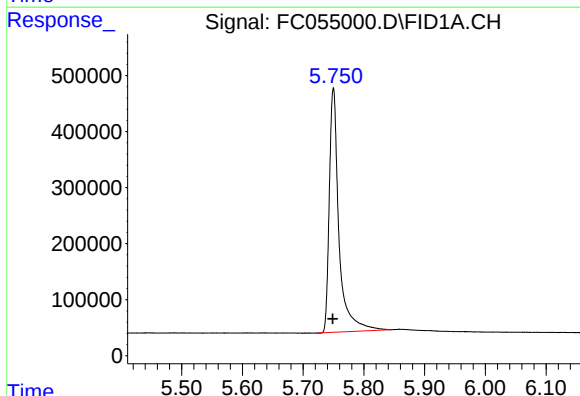
mohammad

8/5/2021 3:01:51 PM



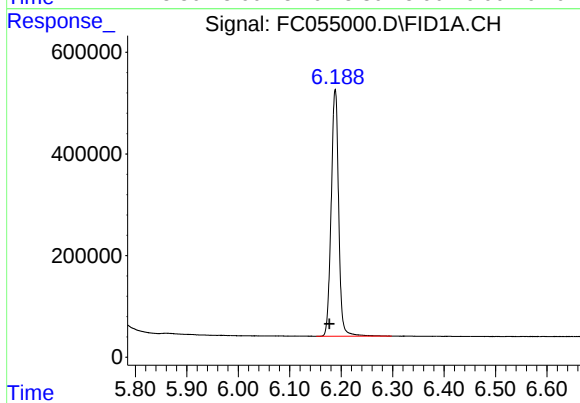
#2 n-Decane (C10)

R.T.: 4.189 min
Delta R.T.: 0.014 min
Response: 4260012
Conc: 40.45 ug/ml



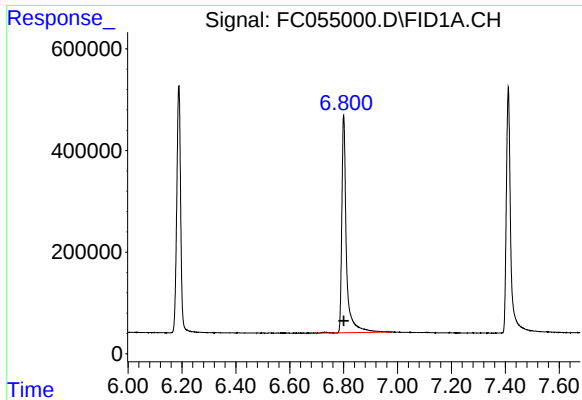
#3 A~Naphthalene (C11.7)

R.T.: 5.750 min
Delta R.T.: 0.001 min
Response: 4833151
Conc: 44.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.188 min
Delta R.T.: 0.011 min
Response: 4895201
Conc: 45.08 ug/ml



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

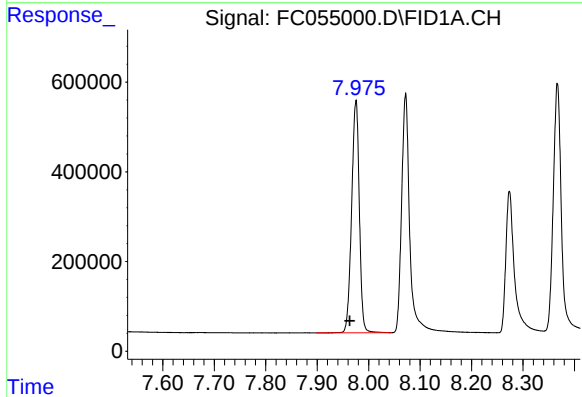
R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 5091897
Conc: 46.65 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-2MSD

Manual Integrations
APPROVED

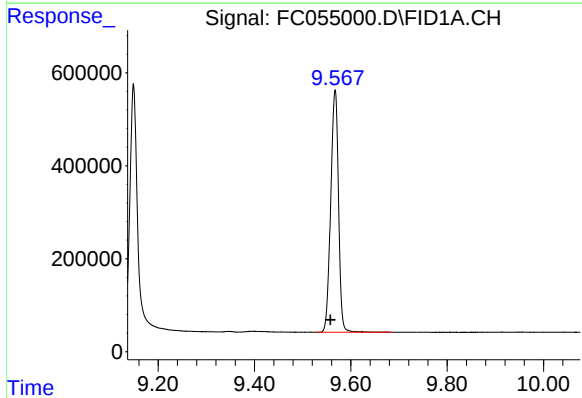
mohammad

8/5/2021 3:01:51 PM



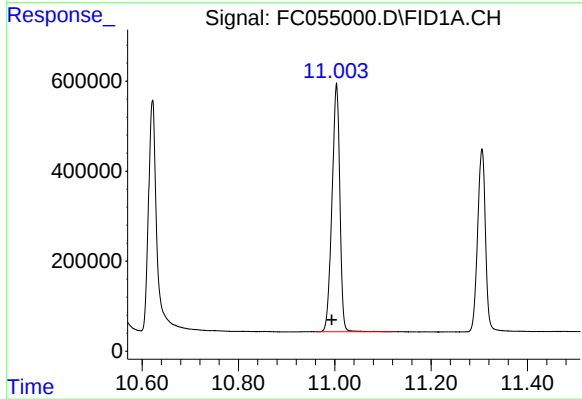
#6 n-Tetradecane (C14)

R.T.: 7.975 min
Delta R.T.: 0.011 min
Response: 5394096
Conc: 48.32 ug/ml



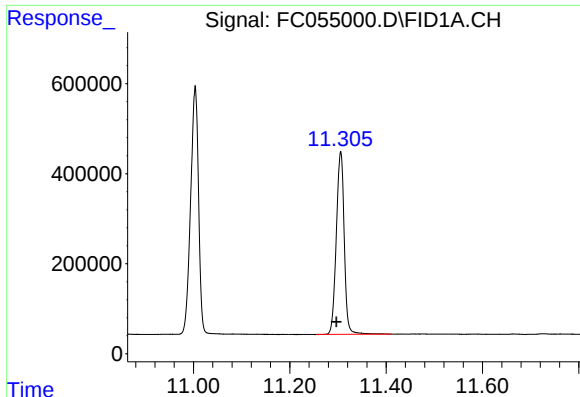
#7 n-Hexadecane (C16)

R.T.: 9.567 min
Delta R.T.: 0.009 min
Response: 5812501
Conc: 50.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.003 min
Delta R.T.: 0.009 min
Response: 6210697
Conc: 52.67 ug/ml



#9 ortho-Terphenyl (SURR)

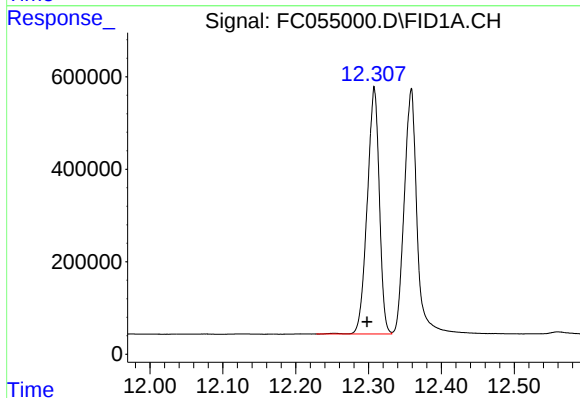
R.T.: 11.305 min
Delta R.T.: 0.009 min
Response: 4654168
Conc: 36.97 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-2MSD

Manual Integrations
APPROVED

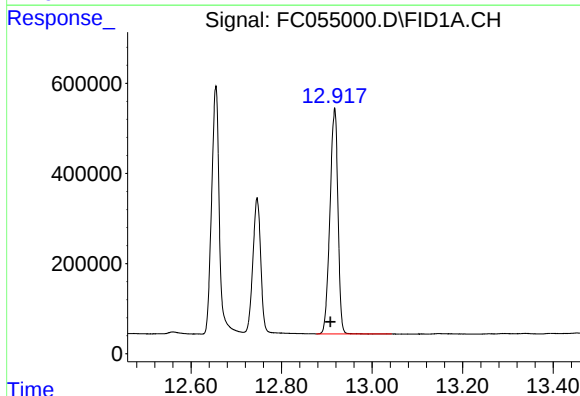
mohammad

8/5/2021 3:01:51 PM



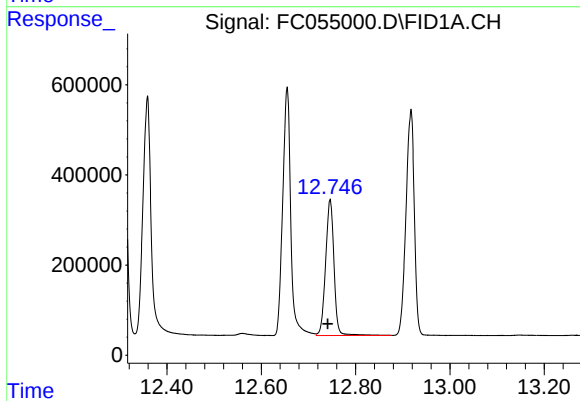
#10 n-Eicosane (C20)

R.T.: 12.307 min
Delta R.T.: 0.009 min
Response: 6133558
Conc: 52.24 ug/ml



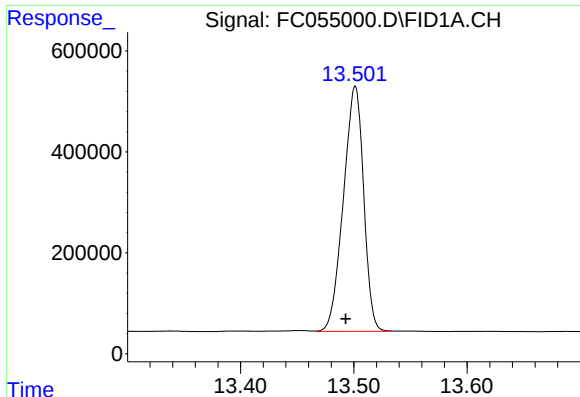
#11 n-Heneicosane (C21)

R.T.: 12.916 min
Delta R.T.: 0.008 min
Response: 6150145
Conc: 52.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.746 min
Delta R.T.: 0.005 min
Response: 3732355
Conc: 37.66 ug/ml



#13 n-Docosane (C22)

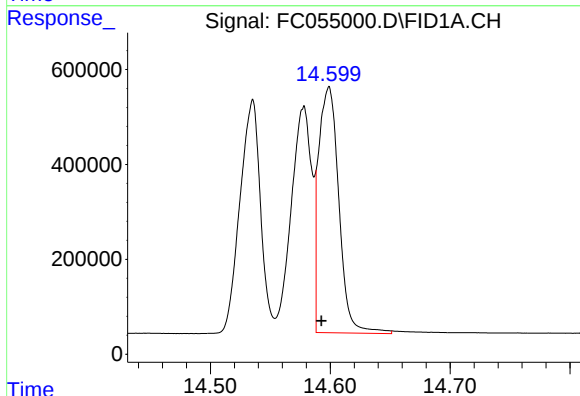
R.T.: 13.501 min
Delta R.T.: 0.008 min
Response: 6038374
Conc: 51.70 ug/ml m

Instrument :
FID_C
ClientSampleId :
TP-2MSD

Manual Integrations
APPROVED

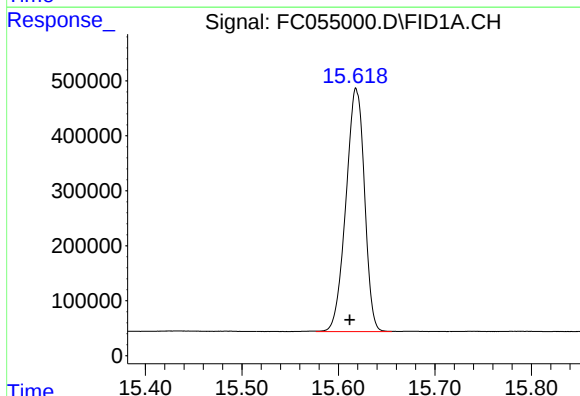
mohammad

8/5/2021 3:01:51 PM



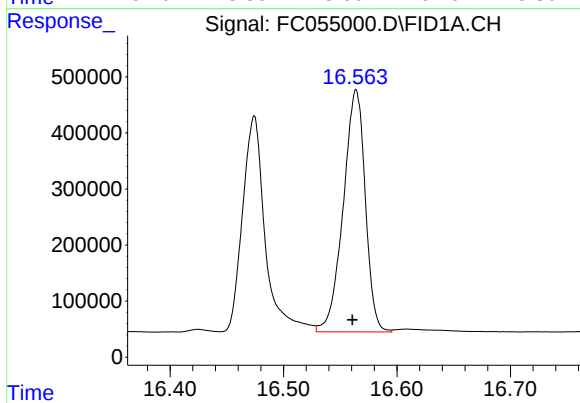
#14 n-Tetracosane (C24)

R.T.: 14.599 min
Delta R.T.: 0.006 min
Response: 5970528
Conc: 51.58 ug/ml m



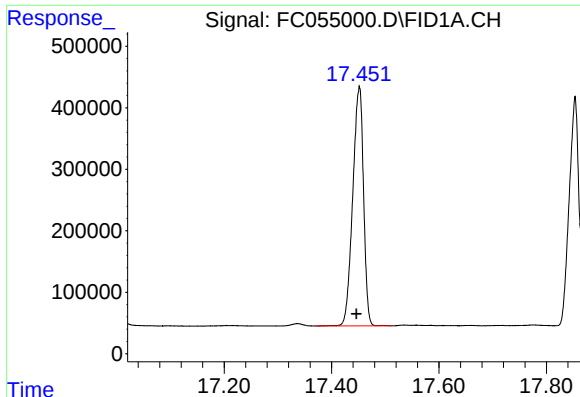
#15 n-Hexacosane (C26)

R.T.: 15.618 min
Delta R.T.: 0.006 min
Response: 5910423
Conc: 52.74 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.563 min
Delta R.T.: 0.003 min
Response: 5834331
Conc: 53.74 ug/ml m



#17 n-Tricontane (C30)

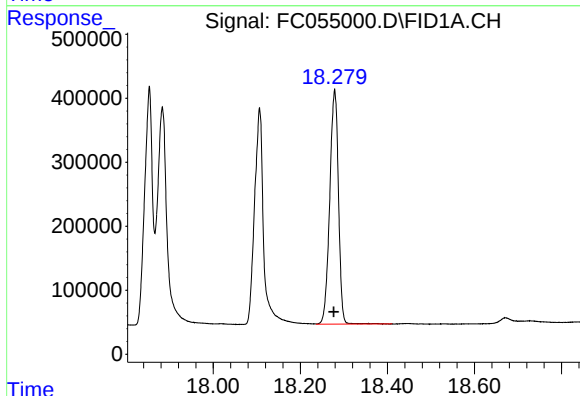
R.T.: 17.450 min
Delta R.T.: 0.004 min
Response: 5420800
Conc: 51.92 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-2MSD

Manual Integrations
APPROVED

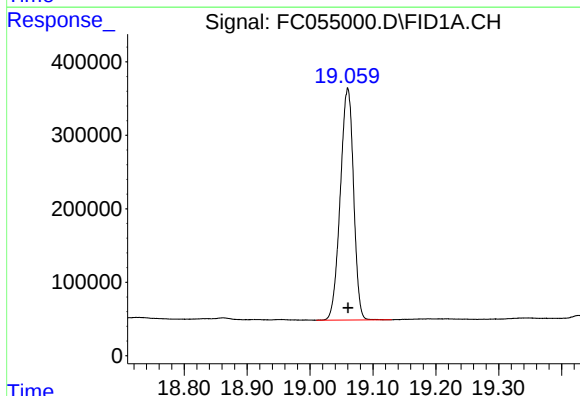
mohammad

8/5/2021 3:01:51 PM



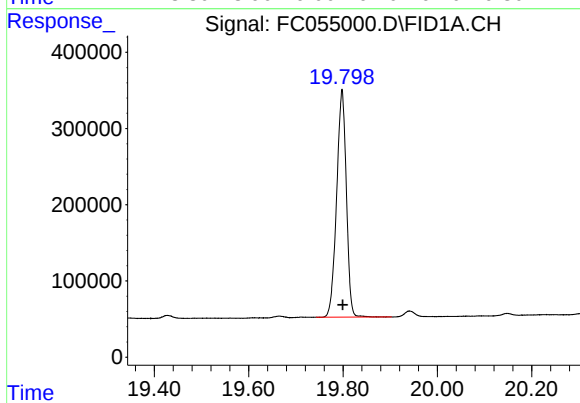
#18 n-Dotriacontane (C32)

R.T.: 18.278 min
Delta R.T.: 0.000 min
Response: 5097940
Conc: 51.48 ug/ml



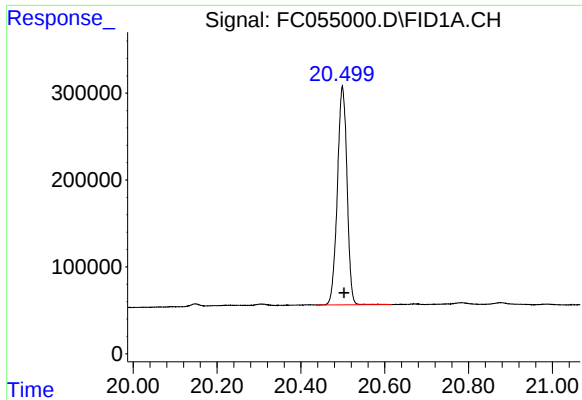
#19 n-Tetratriacontane (C34)

R.T.: 19.059 min
Delta R.T.: -0.001 min
Response: 4626655
Conc: 48.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.797 min
Delta R.T.: -0.002 min
Response: 4267521
Conc: 47.23 ug/ml



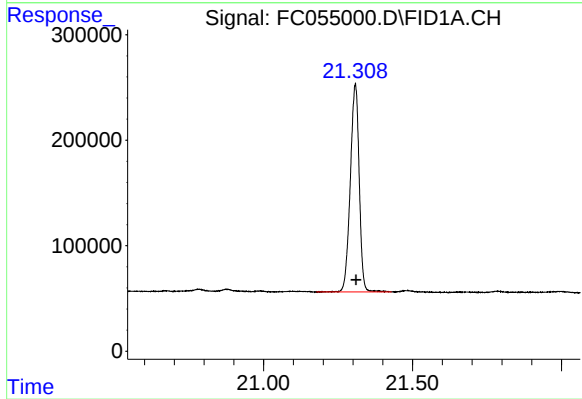
#21 n-Octatriacontane (C38)

R.T.: 20.499 min
Delta R.T.: -0.003 min
Response: 4010942
Conc: 46.42 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-2MSD

Manual Integrations
APPROVED

mohammad



#22 n-Tetracontane (C40)

R.T.: 21.307 min
Delta R.T.: -0.003 min
Response: 4084258
Conc: 45.86 ug/ml

8/5/2021 3:01:51 PM