

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101221AL\
 Data File : FC056139.D
 Signal(s) : FID1A.CH
 Acq On : 12 Oct 2021 21:18
 Operator : AJ\MA
 Sample : M4163-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TR-04-100821MS

Manual Integrations
 APPROVED

mohammad
 10/13/2021 1:24:39 PM

Integration File: sample.E
 Quant Time: Oct 13 05:07:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.637	3674840	30.969 ug/mlm
Spiked Amount 50.000		Recovery =	61.94%
12) S 1-chlorooctadecane (S...	13.106	114911430	1250.764 ug/ml
Spiked Amount 50.000		Recovery =	2501.53%
Target Compounds			
1) T n-Nonane (C9)	3.386	2791516	26.159 ug/ml
2) T n-Decane (C10)	4.456	3249000	30.395 ug/ml
3) T A~Naphthalene (C11.7)	6.048	3950754	32.835 ug/ml
4) T n-Dodecane (C12)	6.476	3958704	36.472 ug/ml
5) T A~2-methylnaphthalene...	7.107	4109215	33.828 ug/ml
6) T n-Tetradecane (C14)	8.274	4398740	39.759 ug/ml
7) T n-Hexadecane (C16)	9.873	4498530	40.640 ug/ml
8) T n-Octadecane (C18)	11.315	4533028	40.502 ug/ml
10) T n-Eicosane (C20)	12.624	4452373	40.763 ug/ml
11) T n-Heneicosane (C21)	13.245	4744040	43.634 ug/ml
13) T n-Docosane (C22)	13.823	4392149	41.126 ug/ml
14) T n-Tetracosane (C24)	14.924	9068467	86.723 ug/ml
15) T n-Hexacosane (C26)	15.943	4068010	40.488 ug/ml
16) T n-Octacosane (C28)	16.889	4228601	43.716 ug/ml
17) T n-Tricontane (C30)	17.775	4112336	44.321 ug/mlm
18) T n-Dotriacontane (C32)	18.604	4076268	45.849 ug/ml
19) T n-Tetratriacontane (C34)	19.385	3756302	43.431 ug/mlm
20) T n-Hexatriacontane (C36)	20.123	3808624	46.616 ug/ml
21) T n-Octatriacontane (C38)	20.865	3383839	42.464 ug/ml
22) T n-Tetracontane (C40)	21.793	3798030	47.380 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101221AL\
Data File : FC056139.D
Signal(s) : FID1A.CH
Acq On : 12 Oct 2021 21:18
Operator : AJ\MA
Sample : M4163-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

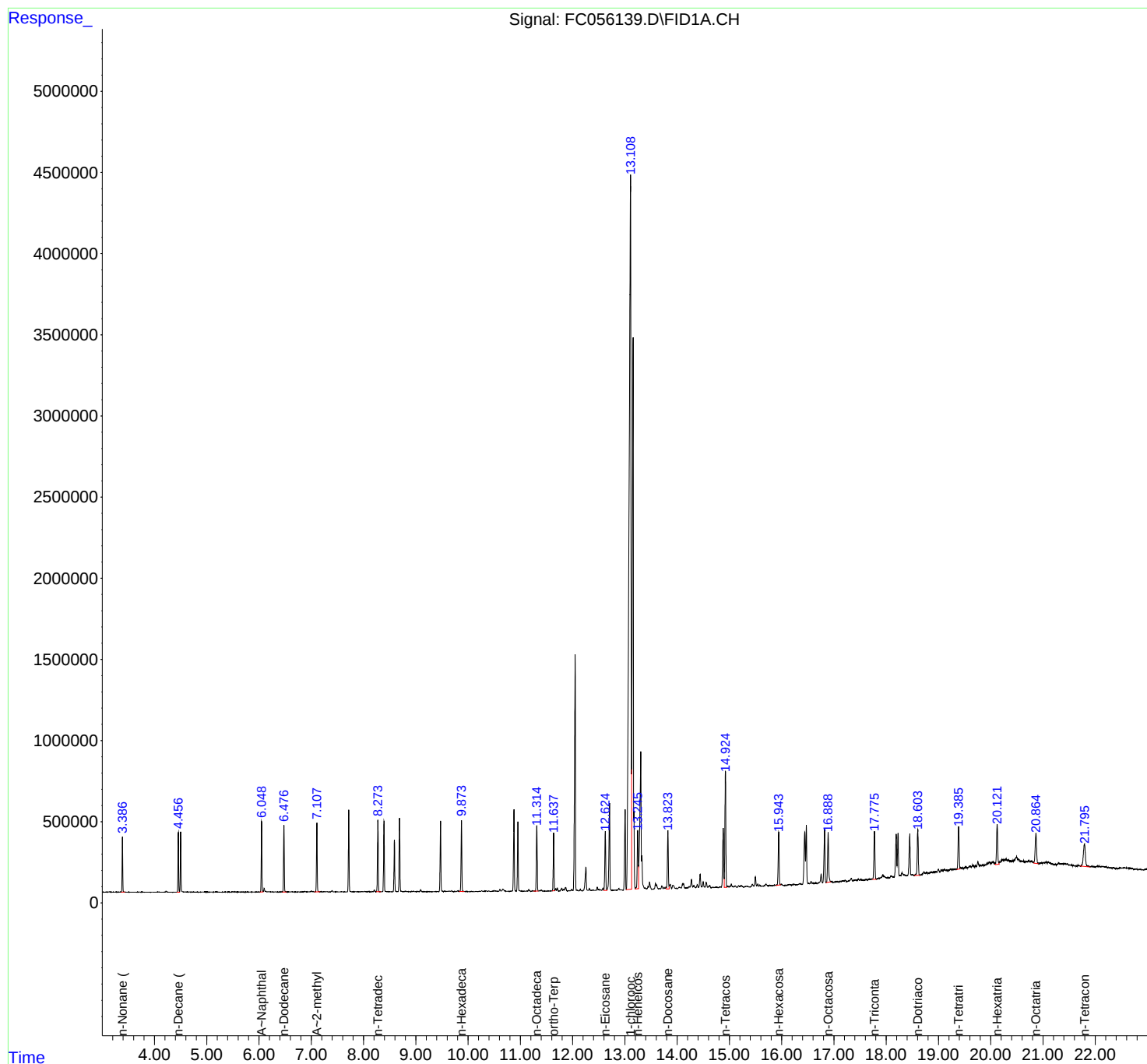
Instrument :
FID_C
ClientSampleId :
TR-04-100821MS

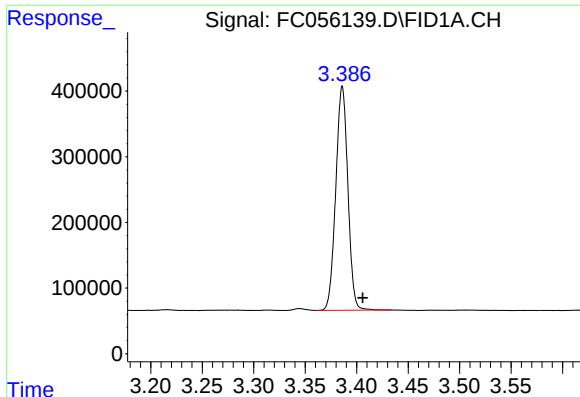
Manual Integrations
APPROVED

mohammad
10/13/2021 1:24:39 PM

Integration File: sample.E
Quant Time: Oct 13 05:07:41 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
Quant Title : GC Extractables
QLast Update : Thu Sep 30 01:25:44 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





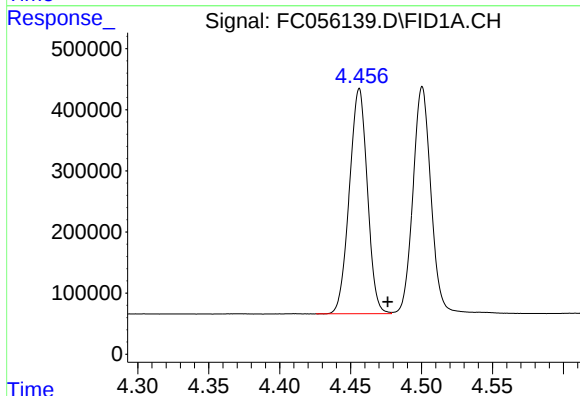
#1 n-Nonane (C9)

R.T.: 3.386 min
Delta R.T.: -0.020 min
Response: 2791516
Conc: 26.16 ug/ml

Instrument :
FID_C
ClientSampleId :
TR-04-100821MS

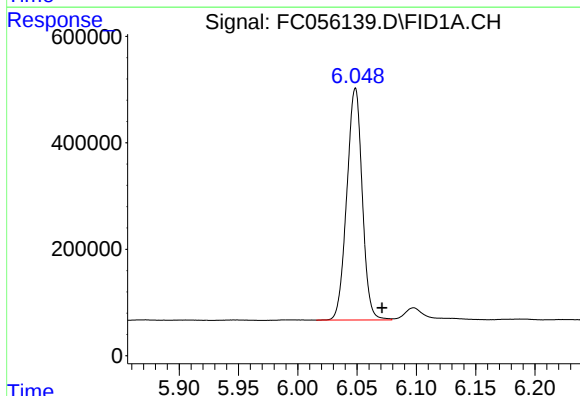
Manual Integrations
APPROVED

mohammad
10/13/2021 1:24:39 PM



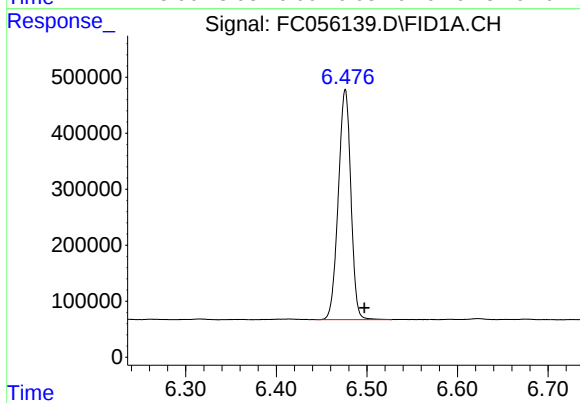
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: -0.020 min
Response: 3249000
Conc: 30.39 ug/ml



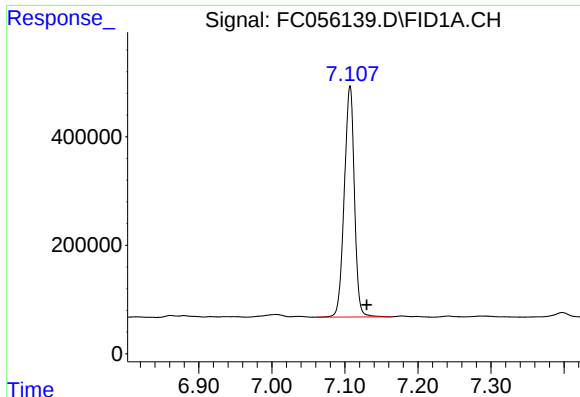
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: -0.023 min
Response: 3950754
Conc: 32.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.476 min
Delta R.T.: -0.021 min
Response: 3958704
Conc: 36.47 ug/ml



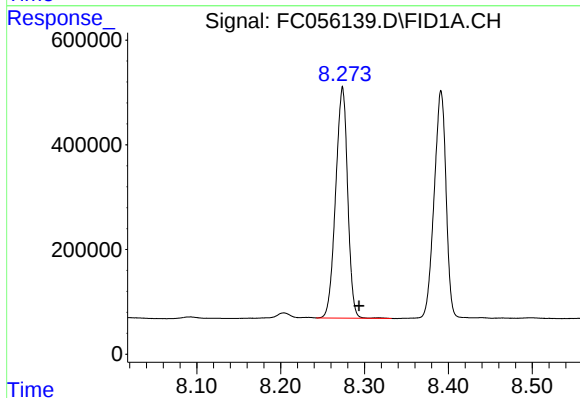
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.107 min
Delta R.T.: -0.023 min
Response: 4109215
Conc: 33.83 ug/ml

Instrument :
FID_C
ClientSampleId :
TR-04-100821MS

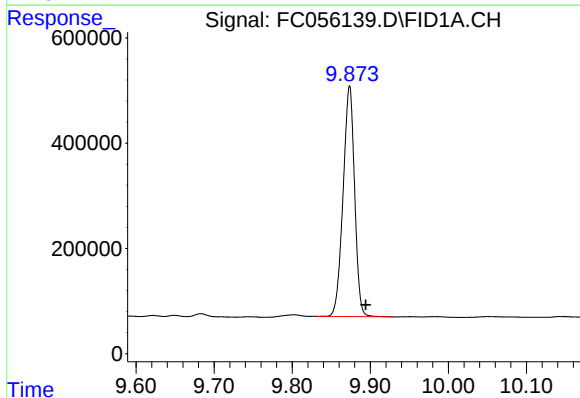
Manual Integrations
APPROVED

mohammad
10/13/2021 1:24:39 PM



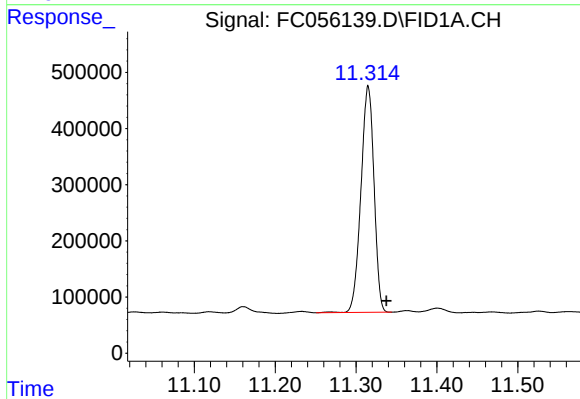
#6 n-Tetradecane (C14)

R.T.: 8.274 min
Delta R.T.: -0.020 min
Response: 4398740
Conc: 39.76 ug/ml



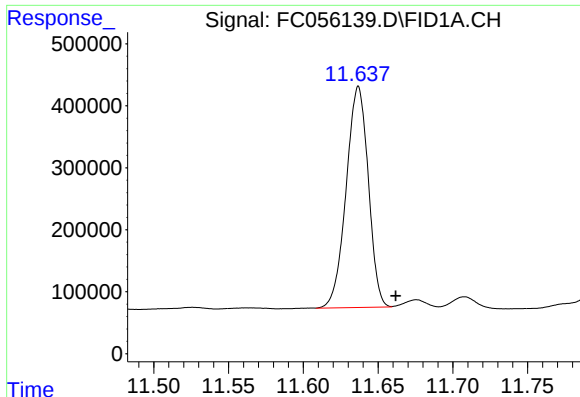
#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.021 min
Response: 4498530
Conc: 40.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.315 min
Delta R.T.: -0.023 min
Response: 4533028
Conc: 40.50 ug/ml



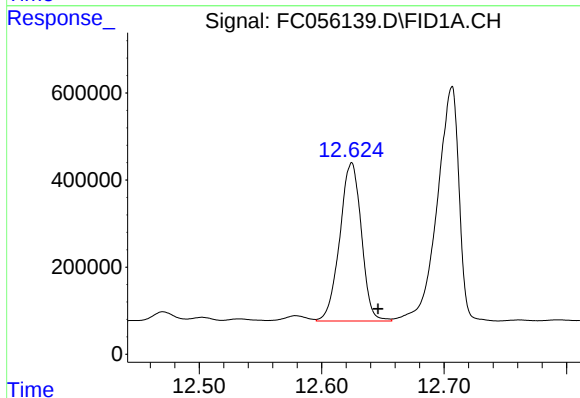
#9 ortho-Terphenyl (SURR)

R.T.: 11.637 min
Delta R.T.: -0.025 min
Response: 3674840
Conc: 30.97 ug/ml m

Instrument :
FID_C
ClientSampleId :
TR-04-100821MS

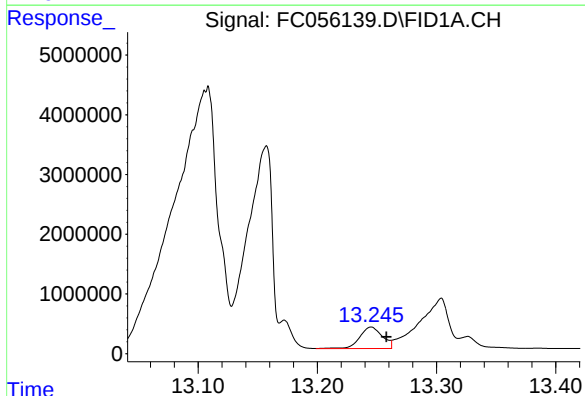
Manual Integrations
APPROVED

mohammad
10/13/2021 1:24:39 PM



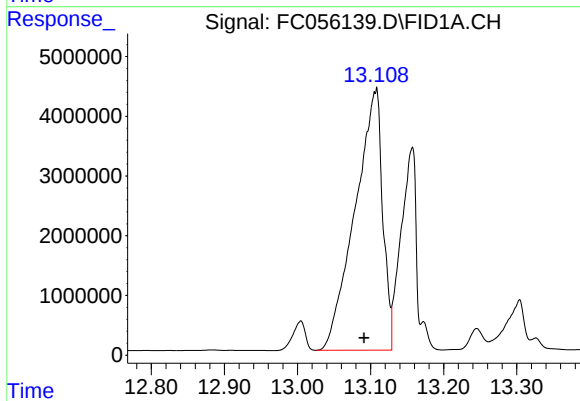
#10 n-Eicosane (C20)

R.T.: 12.624 min
Delta R.T.: -0.022 min
Response: 4452373
Conc: 40.76 ug/ml



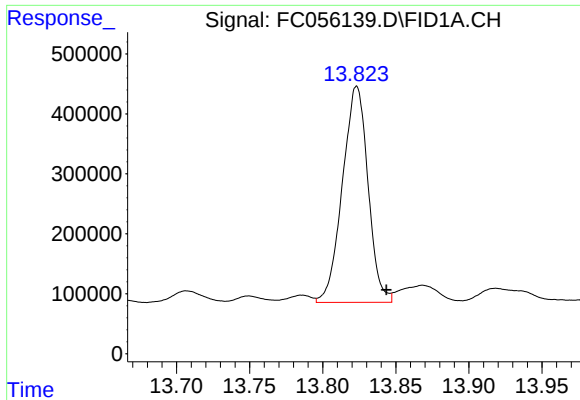
#11 n-Heneicosane (C21)

R.T.: 13.245 min
Delta R.T.: -0.013 min
Response: 4744040
Conc: 43.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.106 min
Delta R.T.: 0.015 min
Response: 114911430
Conc: 1250.76 ug/ml



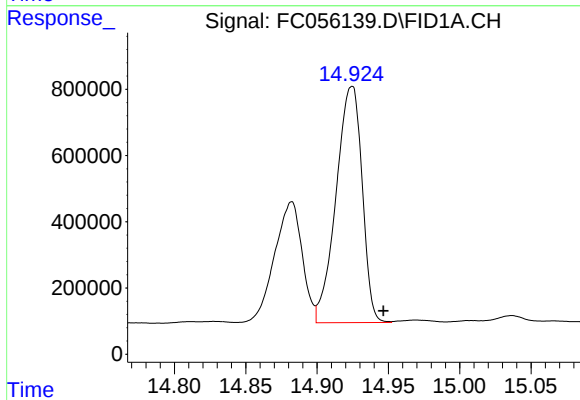
#13 n-Docosane (C22)

R.T.: 13.823 min
Delta R.T.: -0.020 min
Response: 4392149
Conc: 41.13 ug/ml

Instrument :
FID_C
ClientSampleId :
TR-04-100821MS

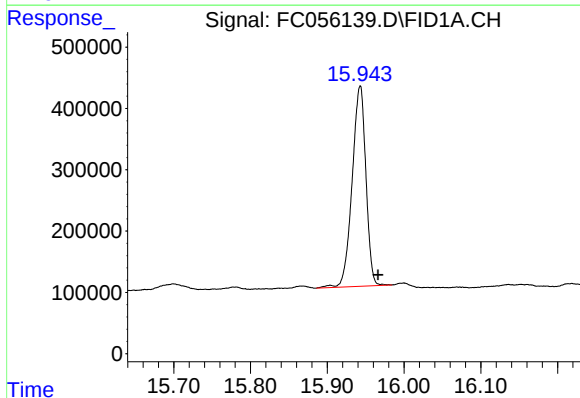
Manual Integrations
APPROVED

mohammad
10/13/2021 1:24:39 PM



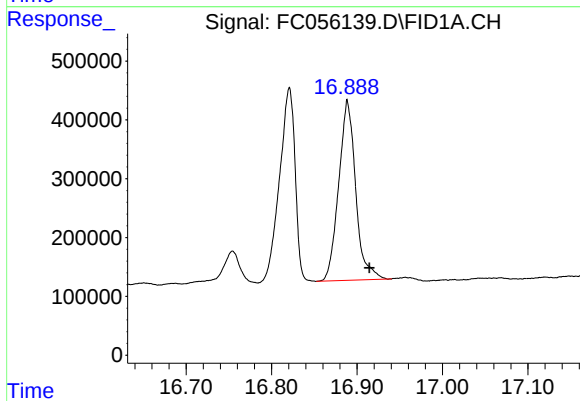
#14 n-Tetracosane (C24)

R.T.: 14.924 min
Delta R.T.: -0.023 min
Response: 9068467
Conc: 86.72 ug/ml



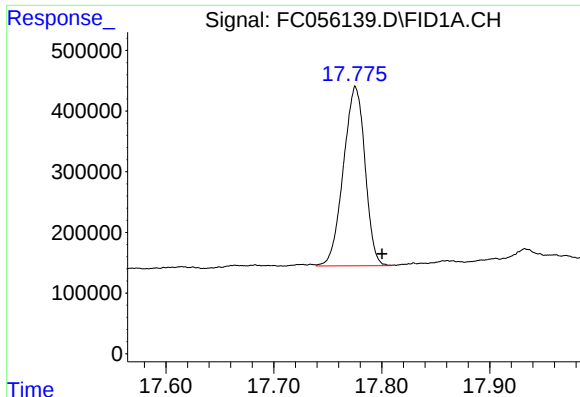
#15 n-Hexacosane (C26)

R.T.: 15.943 min
Delta R.T.: -0.024 min
Response: 4068010
Conc: 40.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.889 min
Delta R.T.: -0.025 min
Response: 4228601
Conc: 43.72 ug/ml



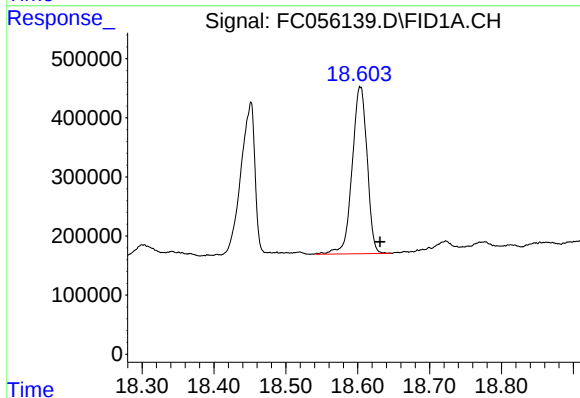
#17 n-Tricontane (C30)

R.T.: 17.775 min
Delta R.T.: -0.025 min
Response: 4112336
Conc: 44.32 ug/ml m

Instrument :
FID_C
ClientSampleId :
TR-04-100821MS

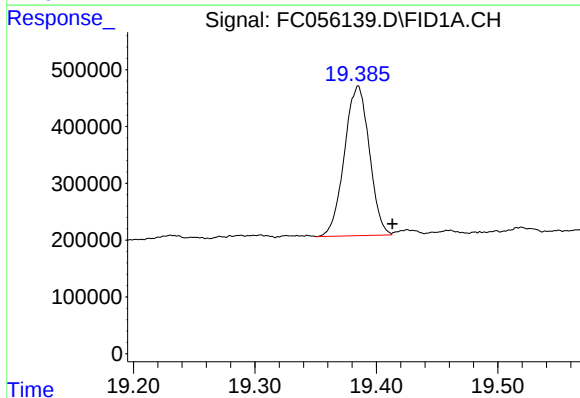
Manual Integrations
APPROVED

mohammad
10/13/2021 1:24:39 PM



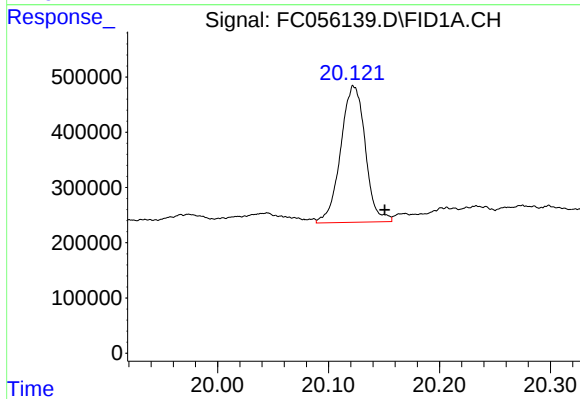
#18 n-Dotriacontane (C32)

R.T.: 18.604 min
Delta R.T.: -0.027 min
Response: 4076268
Conc: 45.85 ug/ml



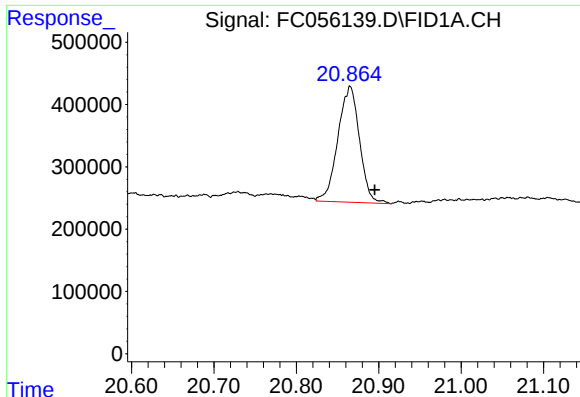
#19 n-Tetratriacontane (C34)

R.T.: 19.385 min
Delta R.T.: -0.029 min
Response: 3756302
Conc: 43.43 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.123 min
Delta R.T.: -0.028 min
Response: 3808624
Conc: 46.62 ug/ml



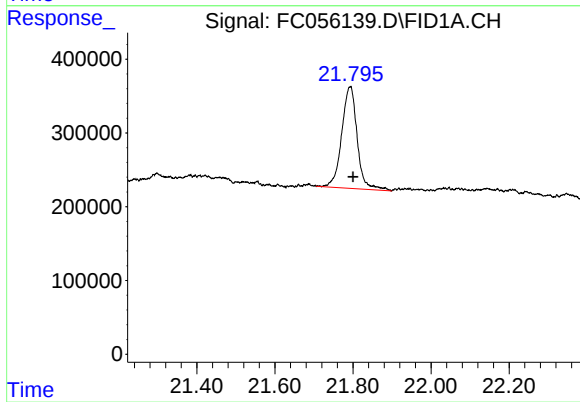
#21 n-Octatriacontane (C38)

R.T.: 20.865 min
Delta R.T.: -0.030 min
Response: 3383839
Conc: 42.46 ug/ml

Instrument :
FID_C
ClientSampleId :
TR-04-100821MS

Manual Integrations
APPROVED

mohammad
10/13/2021 1:24:39 PM



#22 n-Tetracontane (C40)

R.T.: 21.793 min
Delta R.T.: -0.007 min
Response: 3798030
Conc: 47.38 ug/ml