

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041421AL\
 Data File : FC053176.D
 Signal(s) : FID1A.CH
 Acq On : 15 Apr 2021 6:19
 Operator : DD\AJ
 Sample : M2025-06MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 121-SB-1MSD

Manual Integrations
 APPROVED

Ankita
 4/15/2021 2:08:07 PM

Integration File: autoint1.e
 Quant Time: Apr 15 07:45:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 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)	11.555	5363611	37.126 ug/ml
Spiked Amount 50.000		Recovery =	74.25%
12) S 1-chlorooctadecane (S...	12.993	4250383	36.786 ug/ml
Spiked Amount 50.000		Recovery =	73.57%
Target Compounds			
1) T n-Nonane (C9)	3.328	5362967	42.849 ug/ml
2) T n-Decane (C10)	4.385	5671551	45.051 ug/ml
3) T A~Naphthalene (C11.7)	5.963	6285298	45.121 ug/ml
4) T n-Dodecane (C12)	6.397	5907332	46.124 ug/ml
5) T A~2-methylnaphthalene...	7.020	6133168	43.388 ug/ml
6) T n-Tetradecane (C14)	8.194	5925483	46.053 ug/ml
7) T n-Hexadecane (C16)	9.795	5901100	46.154 ug/ml
8) T n-Octadecane (C18)	11.240	5913479	43.726 ug/ml
10) T n-Eicosane (C20)	12.550	5616782	40.892 ug/ml
11) T n-Heneicosane (C21)	13.162	5541042	40.327 ug/ml
13) T n-Docosane (C22)	13.749	5359346	38.881 ug/ml
14) T n-Tetracosane (C24)	14.851	3737923	27.110 ug/mlm
15) T n-Hexacosane (C26)	15.876	4797977	35.383 ug/ml
16) T n-Octacosane (C28)	16.825	4667577	35.017 ug/ml
17) T n-Tricontane (C30)	17.714	4449469	34.670 ug/ml
18) T n-Dotriacontane (C32)	18.545	4267351	35.719 ug/ml
19) T n-Tetratriacontane (C34)	19.328	4244837	38.328 ug/ml
20) T n-Hexatriacontane (C36)	20.069	4218281	41.803 ug/ml
21) T n-Octatriacontane (C38)	20.801	4067071	45.651 ug/ml
22) T n-Tetracontane (C40)	21.702	4173924	52.139 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041421AL\
Data File : FC053176.D
Signal(s) : FID1A.CH
Acq On : 15 Apr 2021 6:19
Operator : DD\AJ
Sample : M2025-06MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

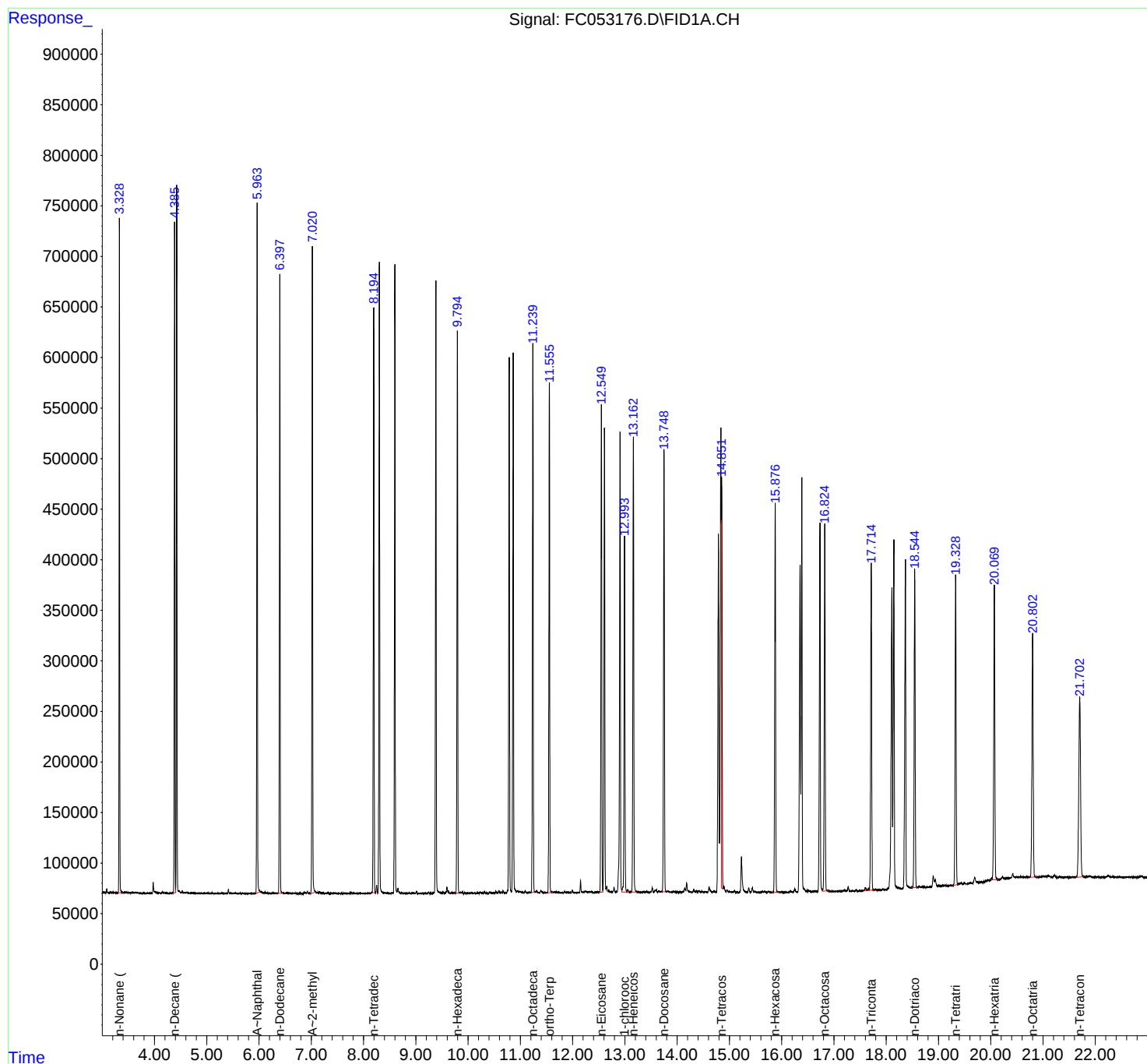
Instrument :
FID_C
ClientSampled :
121-SB-1MSD

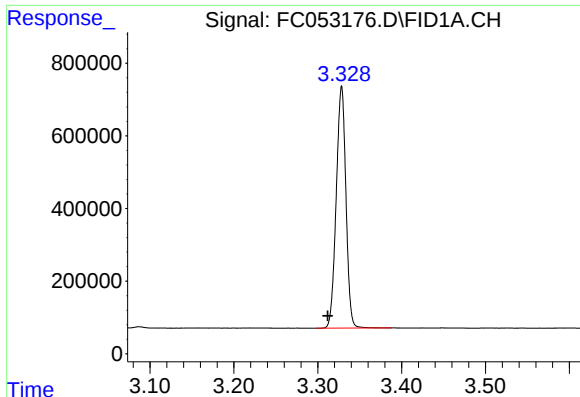
Manual Integrations
APPROVED

Ankita
4/15/2021 2:08:07 PM

Integration File: autoint1.e
Quant Time: Apr 15 07:45:54 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040821.M
Quant Title : GC Extractables
QLast Update : Fri Apr 09 09:23:51 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





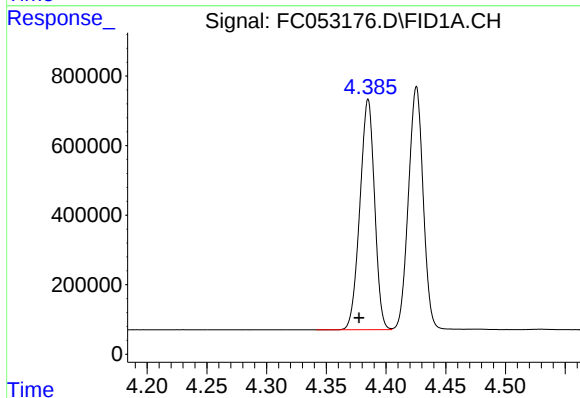
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: 0.016 min
Response: 5362967
Conc: 42.85 ug/ml

Instrument :
FID_C
ClientSampleId :
121-SB-1MSD

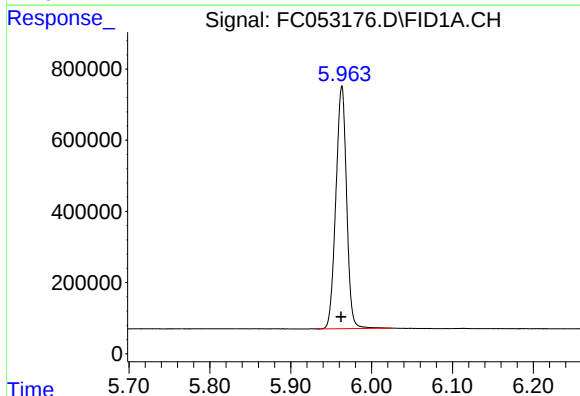
Manual Integrations
APPROVED

Ankita
4/15/2021 2:08:07 PM



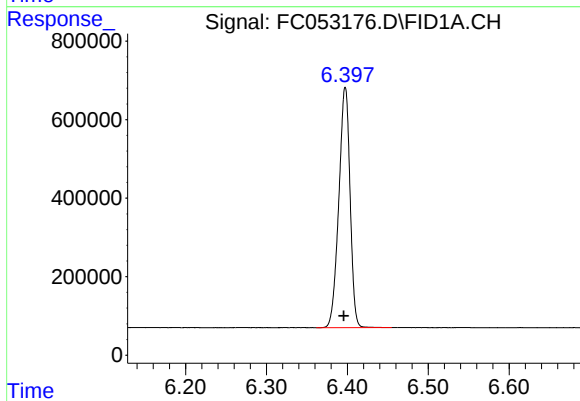
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: 0.007 min
Response: 5671551
Conc: 45.05 ug/ml



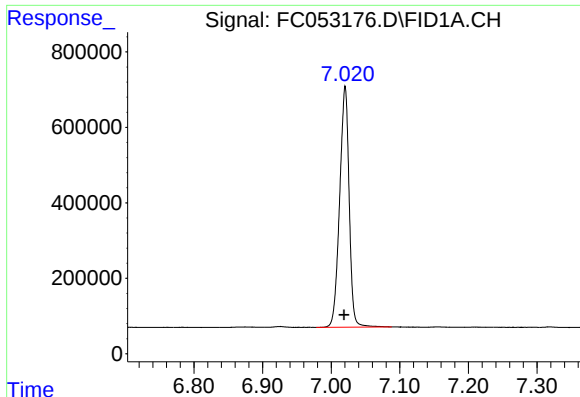
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 6285298
Conc: 45.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.397 min
Delta R.T.: 0.002 min
Response: 5907332
Conc: 46.12 ug/ml



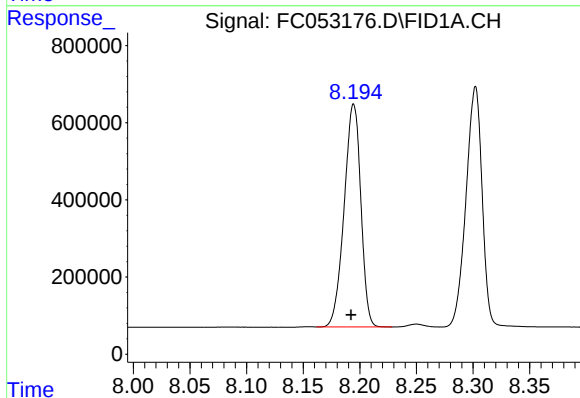
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.020 min
Delta R.T.: 0.001 min
Response: 6133168
Conc: 43.39 ug/ml

Instrument :
FID_C
ClientSampleId :
121-SB-1MSD

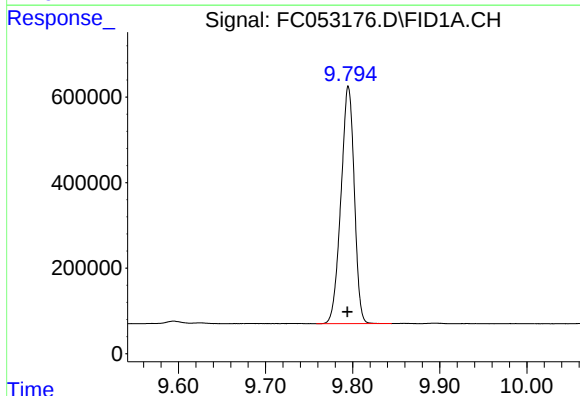
Manual Integrations
APPROVED

Ankita
4/15/2021 2:08:07 PM



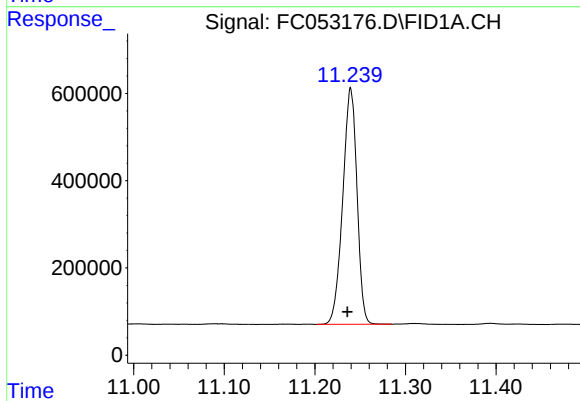
#6 n-Tetradecane (C14)

R.T.: 8.194 min
Delta R.T.: 0.002 min
Response: 5925483
Conc: 46.05 ug/ml



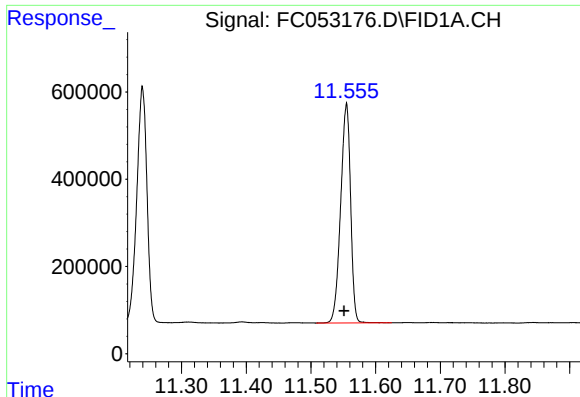
#7 n-Hexadecane (C16)

R.T.: 9.795 min
Delta R.T.: 0.000 min
Response: 5901100
Conc: 46.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.240 min
Delta R.T.: 0.004 min
Response: 5913479
Conc: 43.73 ug/ml



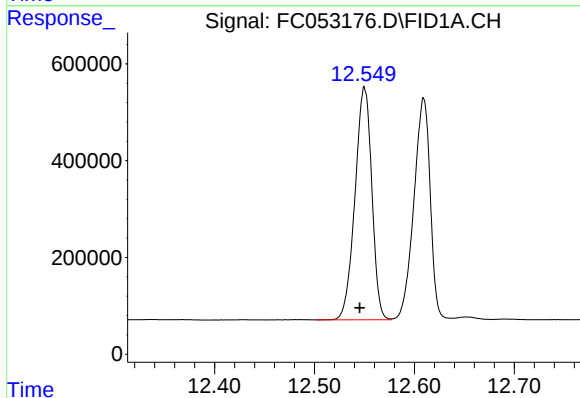
#9 ortho-Terphenyl (SURR)

R.T.: 11.555 min
Delta R.T.: 0.003 min
Response: 5363611
Conc: 37.13 ug/ml

Instrument :
FID_C
ClientSampleId :
121-SB-1MSD

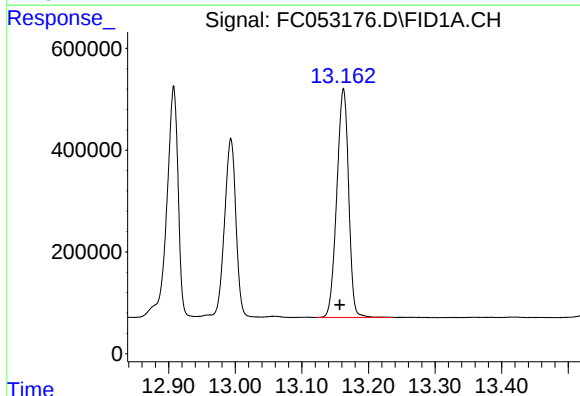
Manual Integrations
APPROVED

Ankita
4/15/2021 2:08:07 PM



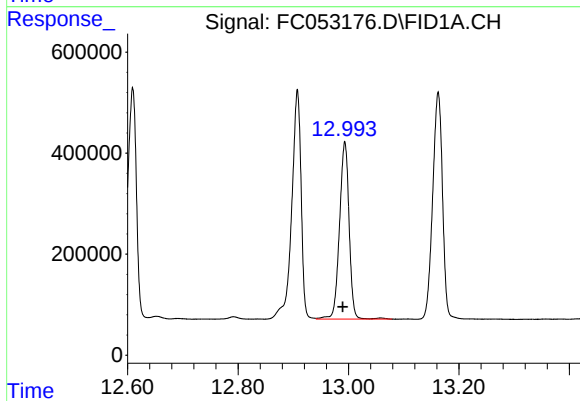
#10 n-Eicosane (C20)

R.T.: 12.550 min
Delta R.T.: 0.005 min
Response: 5616782
Conc: 40.89 ug/ml



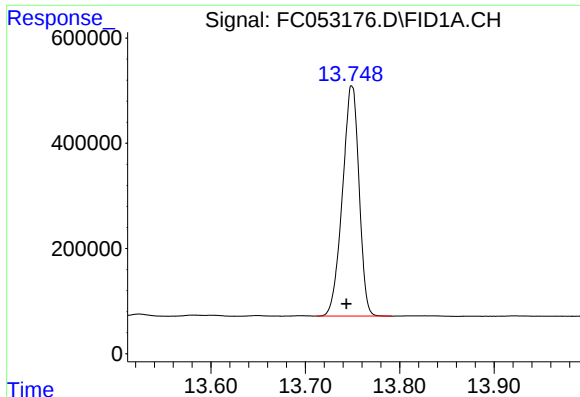
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: 0.005 min
Response: 5541042
Conc: 40.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.993 min
Delta R.T.: 0.004 min
Response: 4250383
Conc: 36.79 ug/ml



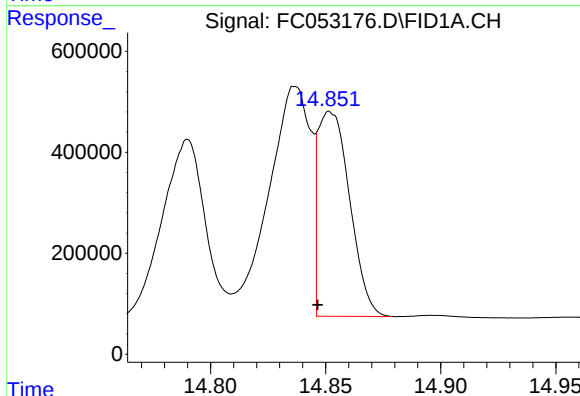
#13 n-Docosane (C22)

R.T.: 13.749 min
Delta R.T.: 0.006 min
Response: 5359346
Conc: 38.88 ug/ml

Instrument :
FID_C
ClientSampleId :
121-SB-1MSD

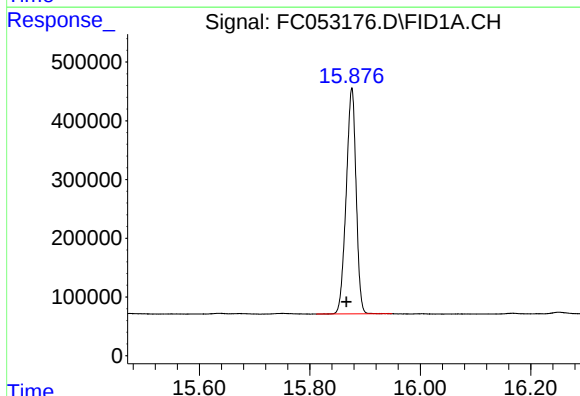
Manual Integrations
APPROVED

Ankita
4/15/2021 2:08:07 PM



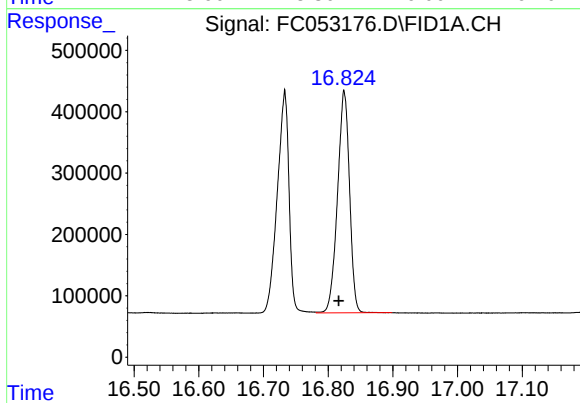
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: 0.004 min
Response: 3737923
Conc: 27.11 ug/ml m



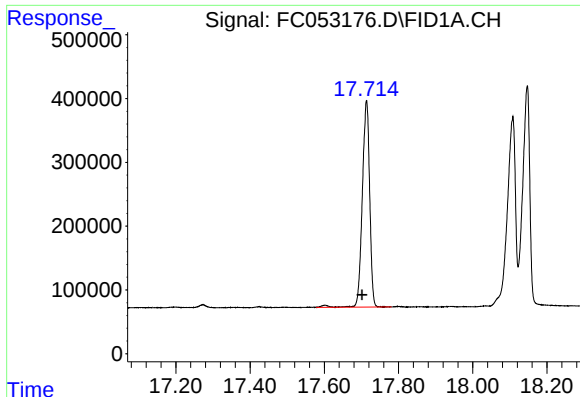
#15 n-Hexacosane (C26)

R.T.: 15.876 min
Delta R.T.: 0.010 min
Response: 4797977
Conc: 35.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.825 min
Delta R.T.: 0.009 min
Response: 4667577
Conc: 35.02 ug/ml



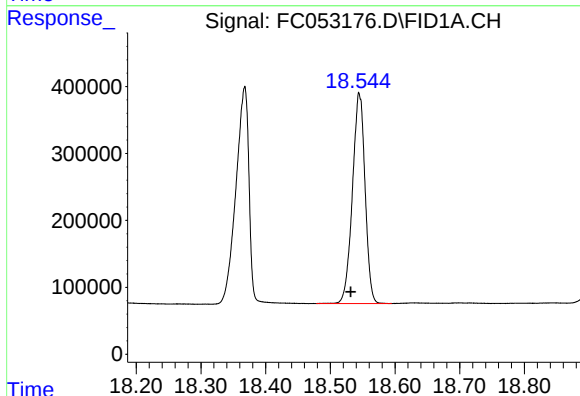
#17 n-Tricontane (C30)

R.T.: 17.714 min
Delta R.T.: 0.012 min
Response: 4449469
Conc: 34.67 ug/ml

Instrument :
FID_C
ClientSampleId :
121-SB-1MSD

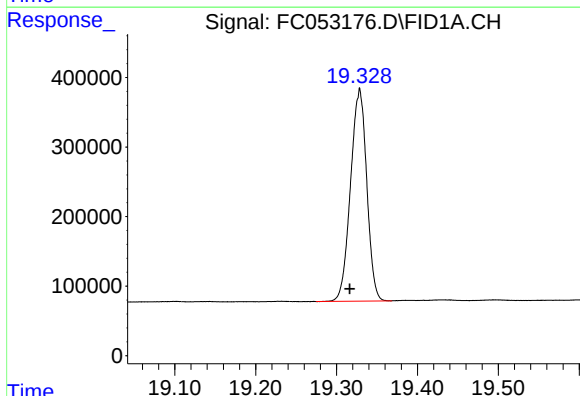
Manual Integrations
APPROVED

Ankita
4/15/2021 2:08:07 PM



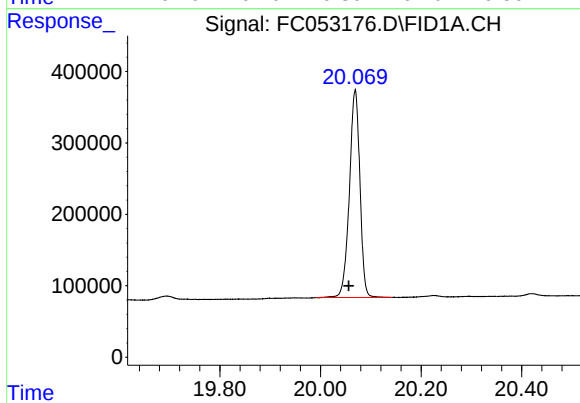
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: 0.013 min
Response: 4267351
Conc: 35.72 ug/ml



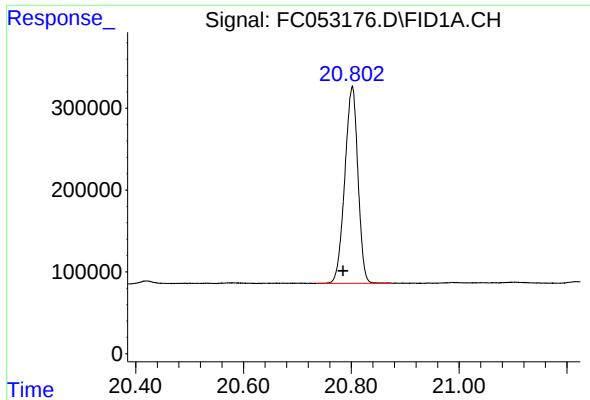
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: 0.012 min
Response: 4244837
Conc: 38.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.069 min
Delta R.T.: 0.013 min
Response: 4218281
Conc: 41.80 ug/ml



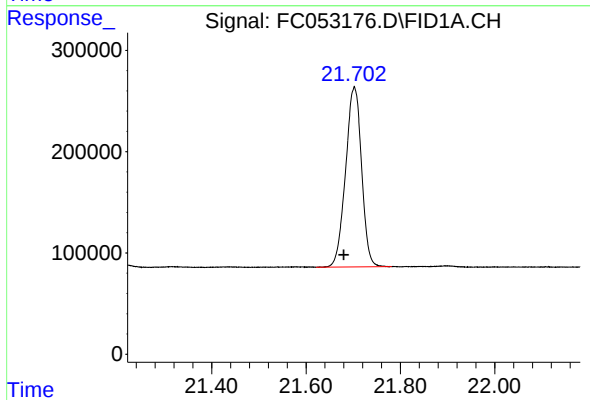
#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: 0.017 min
Response: 4067071
Conc: 45.65 ug/ml

Instrument :
FID_C
ClientSampleId :
121-SB-1MSD

Manual Integrations
APPROVED

Ankita
4/15/2021 2:08:07 PM



#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: 0.022 min
Response: 4173924
Conc: 52.14 ug/ml