

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062521AL\
 Data File : FC054450.D
 Signal(s) : FID1A.CH
 Acq On : 25 Jun 2021 23:17
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

mohammad
 6/28/2021 12:56:35 PM

Integration File: autoint1.e
 Quant Time: Jun 26 01:55:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 01:54:25 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)	11.329	719382	5.344 ug/ml
Spiked Amount 50.000		Recovery =	10.69%
12) S 1-chlorooctadecane (S...	12.773	562143	5.277 ug/ml
Spiked Amount 50.000		Recovery =	10.55%
Target Compounds			
1) T n-Nonane (C9)	3.143	583933	5.150 ug/ml
2) T n-Decane (C10)	4.198	586292	5.128 ug/ml
3) T A~Naphthalene (C11.7)	5.767	623076	4.910 ug/ml
4) T n-Dodecane (C12)	6.205	595130	5.161 ug/ml
5) T A~2-methylnaphthalene...	6.819	607427	4.719 ug/ml
6) T n-Tetradecane (C14)	7.993	599316	5.105 ug/ml
7) T n-Hexadecane (C16)	9.588	628084	5.278 ug/ml
8) T n-Octadecane (C18)	11.026	651677	5.301 ug/ml
10) T n-Eicosane (C20)	12.332	660552	5.330 ug/ml
11) T n-Heneicosane (C21)	12.942	674412	5.332 ug/ml
13) T n-Docosane (C22)	13.527	674269	5.344 ug/ml
14) T n-Tetracosane (C24)	14.628	690445	5.348 ug/ml
15) T n-Hexacosane (C26)	15.645	695869	5.386 ug/ml
16) T n-Octacosane (C28)	16.594	710209	5.424 ug/ml
17) T n-Tricontane (C30)	17.479	744948	5.667 ug/ml
18) T n-Dotriacontane (C32)	18.311	762835	5.925 ug/ml
19) T n-Tetratriacontane (C34)	19.093	748742	5.766 ug/ml
20) T n-Hexatriacontane (C36)	19.833	685602	5.887 ug/mlm
21) T n-Octatriacontane (C38)	20.537	615817	5.688 ug/ml
22) T n-Tetracontane (C40)	21.356	604461	5.738 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062521AL\
Data File : FC054450.D
Signal(s) : FID1A.CH
Acq On : 25 Jun 2021 23:17
Operator : DD\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 10 Sample Multiplier: 1

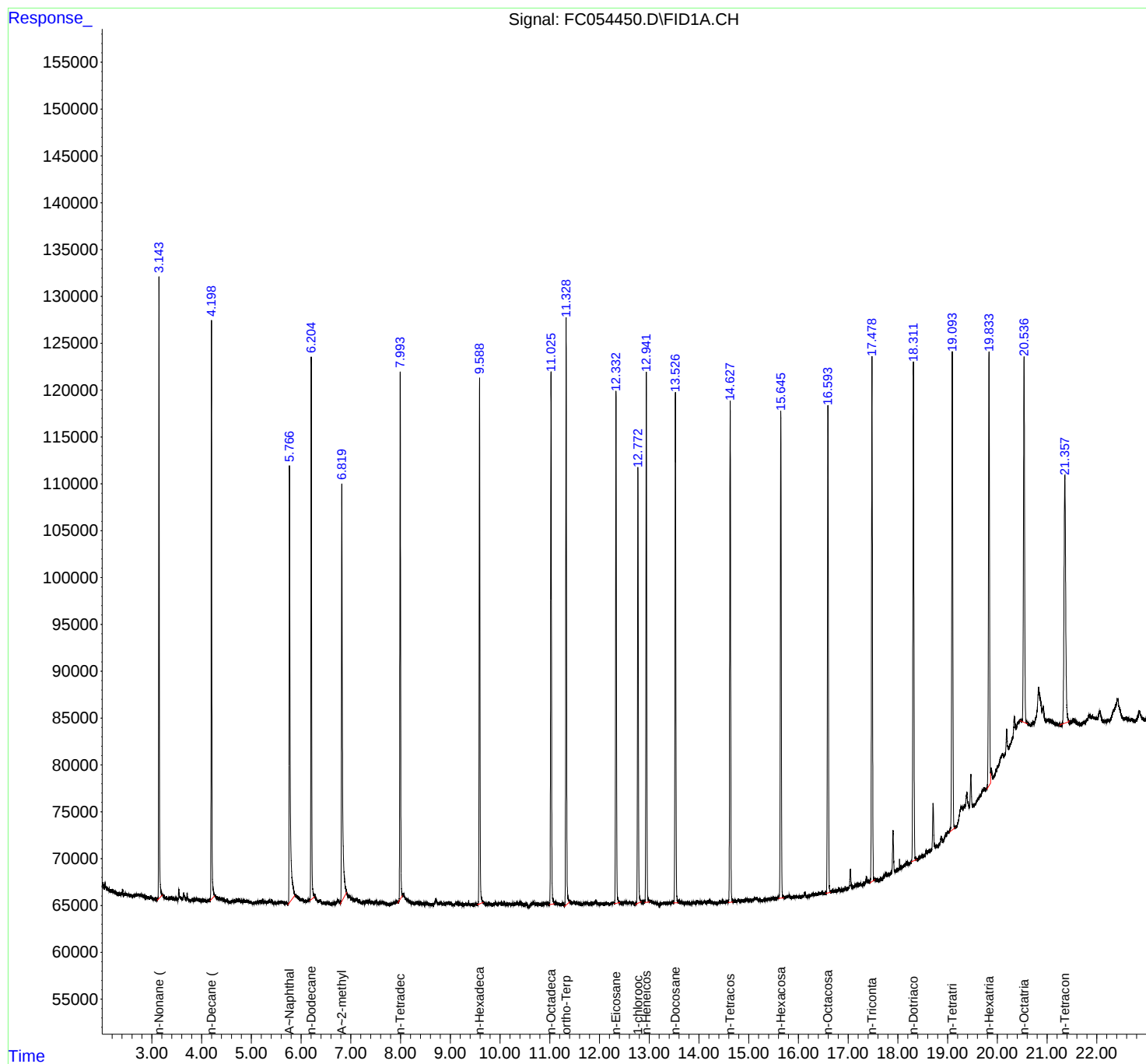
Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

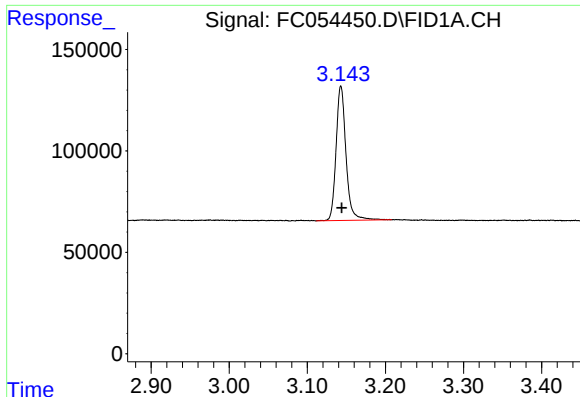
Manual Integrations
APPROVED

mohammad
6/28/2021 12:56:35 PM

Integration File: autoint1.e
Quant Time: Jun 26 01:55:43 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062521.M
Quant Title : GC Extractables
QLast Update : Sat Jun 26 01:54:25 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





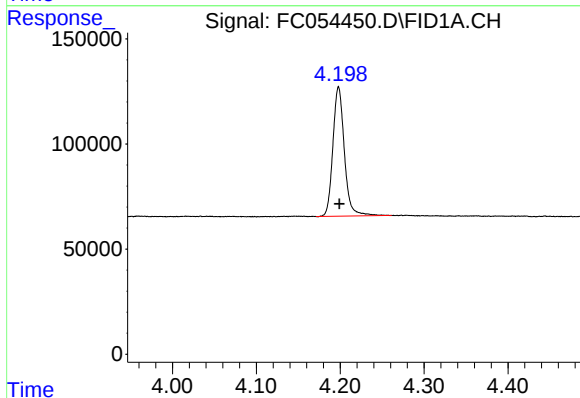
#1 n-Nonane (C9)

R.T.: 3.143 min
Delta R.T.: 0.000 min
Response: 583933
Conc: 5.15 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

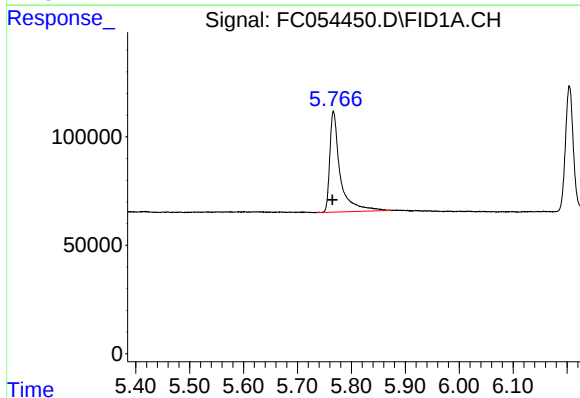
Manual Integrations
APPROVED

mohammad
6/28/2021 12:56:35 PM



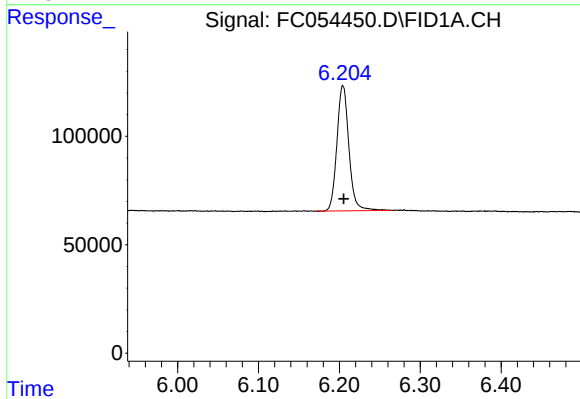
#2 n-Decane (C10)

R.T.: 4.198 min
Delta R.T.: 0.000 min
Response: 586292
Conc: 5.13 ug/ml



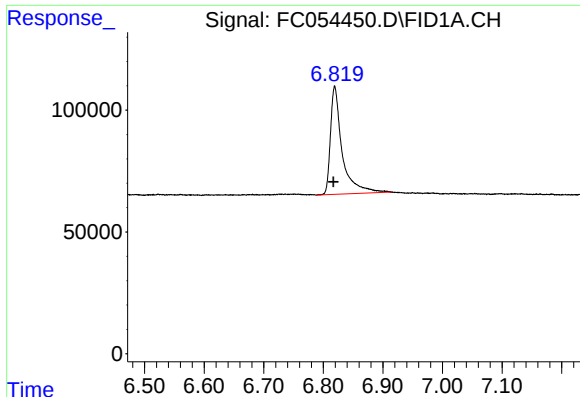
#3 A~Naphthalene (C11.7)

R.T.: 5.767 min
Delta R.T.: 0.002 min
Response: 623076
Conc: 4.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.205 min
Delta R.T.: -0.001 min
Response: 595130
Conc: 5.16 ug/ml



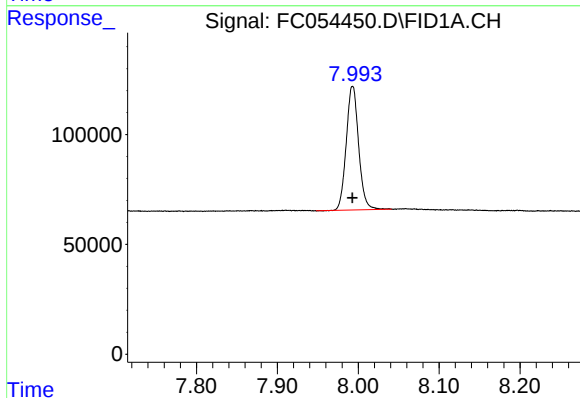
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.819 min
Delta R.T.: 0.003 min
Response: 607427
Conc: 4.72 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

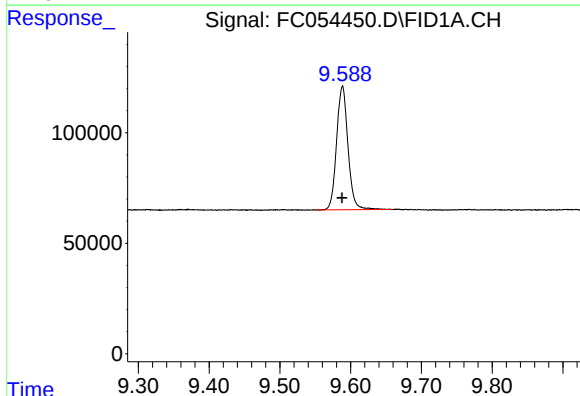
Manual Integrations
APPROVED

mohammad
6/28/2021 12:56:35 PM



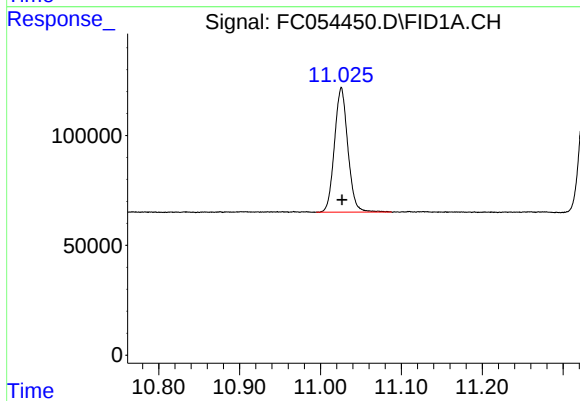
#6 n-Tetradecane (C14)

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 599316
Conc: 5.10 ug/ml



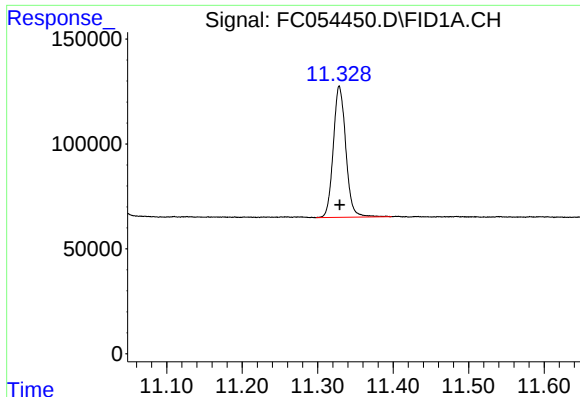
#7 n-Hexadecane (C16)

R.T.: 9.588 min
Delta R.T.: 0.000 min
Response: 628084
Conc: 5.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.026 min
Delta R.T.: -0.001 min
Response: 651677
Conc: 5.30 ug/ml



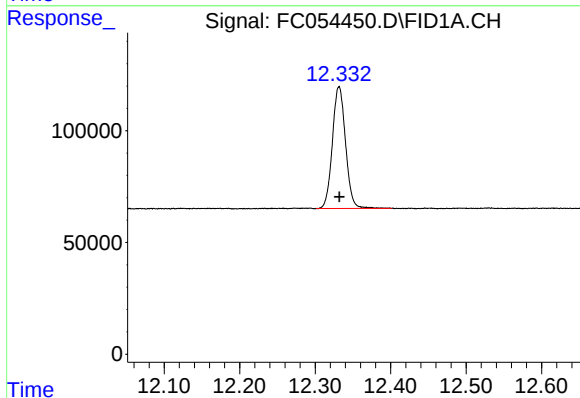
#9 ortho-Terphenyl (SURR)

R.T.: 11.329 min
Delta R.T.: 0.000 min
Response: 719382
Conc: 5.34 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

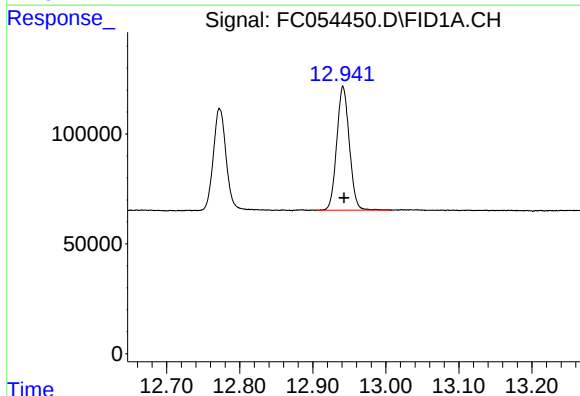
Manual Integrations
APPROVED

mohammad
6/28/2021 12:56:35 PM



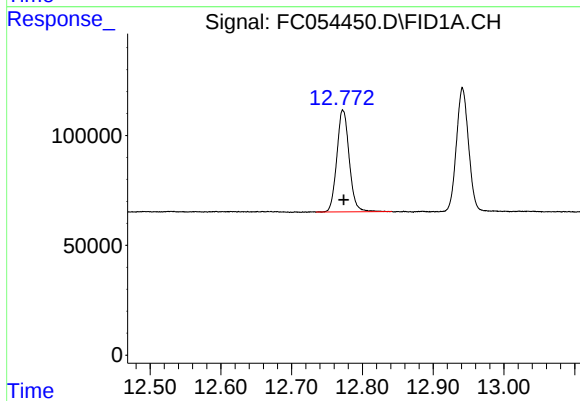
#10 n-Eicosane (C20)

R.T.: 12.332 min
Delta R.T.: 0.000 min
Response: 660552
Conc: 5.33 ug/ml



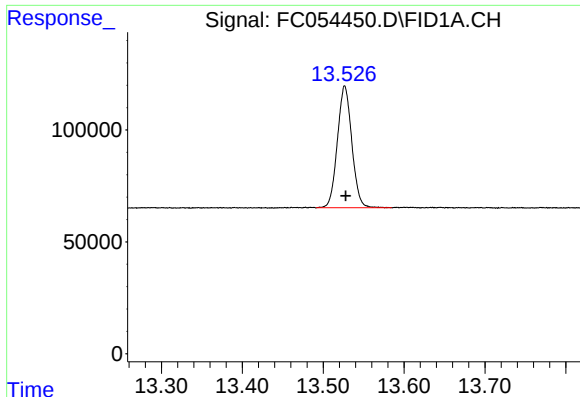
#11 n-Heneicosane (C21)

R.T.: 12.942 min
Delta R.T.: -0.001 min
Response: 674412
Conc: 5.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.773 min
Delta R.T.: 0.000 min
Response: 562143
Conc: 5.28 ug/ml



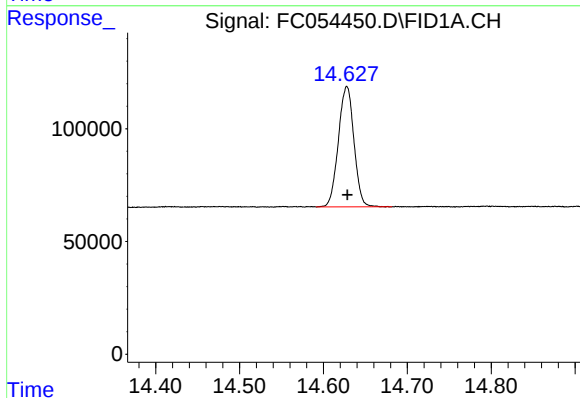
#13 n-Docosane (C22)

R.T.: 13.527 min
Delta R.T.: -0.001 min
Response: 674269
Conc: 5.34 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

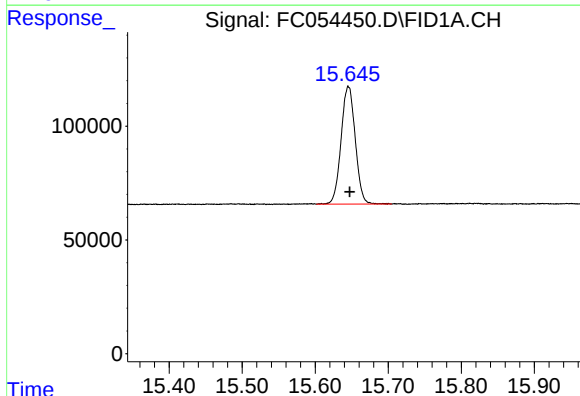
Manual Integrations
APPROVED

mohammad
6/28/2021 12:56:35 PM



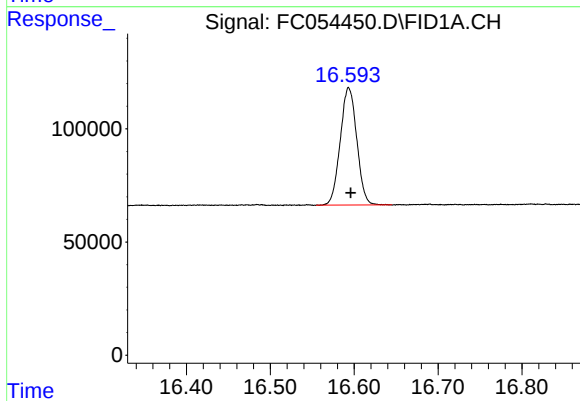
#14 n-Tetracosane (C24)

R.T.: 14.628 min
Delta R.T.: 0.000 min
Response: 690445
Conc: 5.35 ug/ml



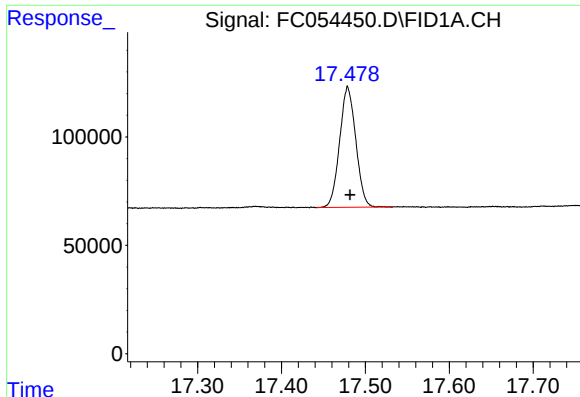
#15 n-Hexacosane (C26)

R.T.: 15.645 min
Delta R.T.: -0.002 min
Response: 695869
Conc: 5.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.594 min
Delta R.T.: -0.002 min
Response: 710209
Conc: 5.42 ug/ml



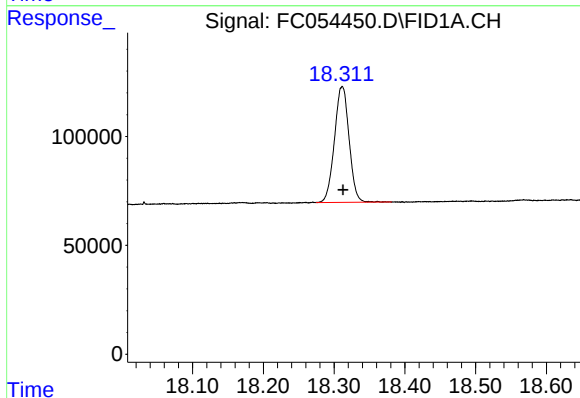
#17 n-Tricontane (C30)

R.T.: 17.479 min
Delta R.T.: -0.003 min
Response: 744948
Conc: 5.67 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

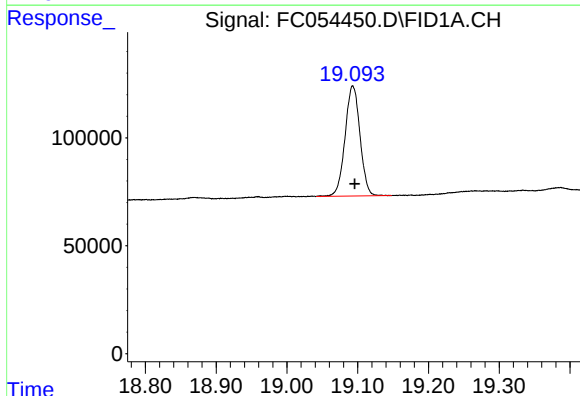
Manual Integrations
APPROVED

mohammad
6/28/2021 12:56:35 PM



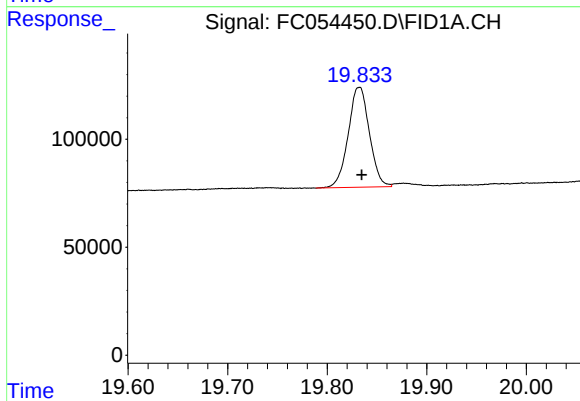
#18 n-Dotriacontane (C32)

R.T.: 18.311 min
Delta R.T.: -0.002 min
Response: 762835
Conc: 5.93 ug/ml



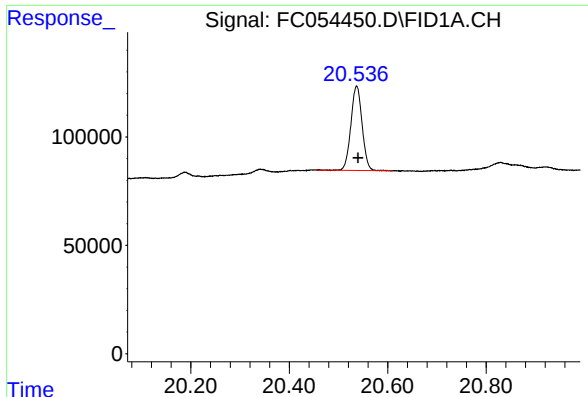
#19 n-Tetratriacontane (C34)

R.T.: 19.093 min
Delta R.T.: -0.003 min
Response: 748742
Conc: 5.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.833 min
Delta R.T.: -0.002 min
Response: 685602
Conc: 5.89 ug/ml m



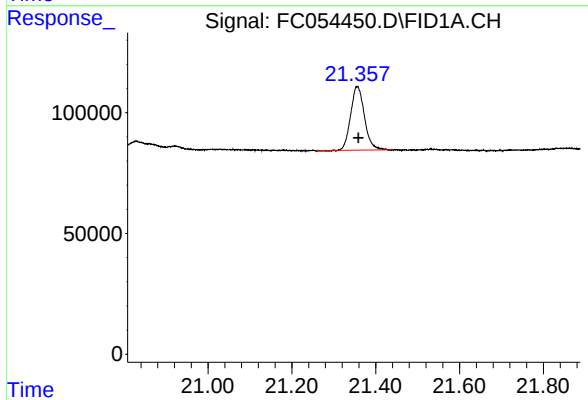
#21 n-Octatriacontane (C38)

R.T.: 20.537 min
Delta R.T.: -0.003 min
Response: 615817
Conc: 5.69 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Manual Integrations
APPROVED

mohammad
6/28/2021 12:56:35 PM



#22 n-Tetracontane (C40)

R.T.: 21.356 min
Delta R.T.: -0.003 min
Response: 604461
Conc: 5.74 ug/ml