

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083121AL\
 Data File : FC055483.D
 Signal(s) : FID1A.CH
 Acq On : 01 Sep 2021 4:32
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 01 05:07:16 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)	11.661	2580049	20.653 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
12) S 1-chlorooctadecane (S...	13.096	2018347	20.394 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
Target Compounds			
1) T n-Nonane (C9)	3.398	2272068	21.019 ug/ml
2) T n-Decane (C10)	4.469	2310010	21.185 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2615080	21.223 ug/ml
4) T n-Dodecane (C12)	6.494	2335652	21.331 ug/ml
5) T A~2-methylnaphthalene...	7.120	2650282	21.297 ug/ml
6) T n-Tetradecane (C14)	8.292	2377497	21.347 ug/ml
7) T n-Hexadecane (C16)	9.896	2402741	21.260 ug/ml
8) T n-Octadecane (C18)	11.340	2452155	21.062 ug/ml
10) T n-Eicosane (C20)	12.651	2399923	20.539 ug/ml
11) T n-Heneicosane (C21)	13.265	2414368	20.514 ug/ml
13) T n-Docosane (C22)	13.851	2350580	20.150 ug/ml
14) T n-Tetracosane (C24)	14.954	2291728	19.678 ug/ml
15) T n-Hexacosane (C26)	15.975	2157766	19.047 ug/ml
16) T n-Octacosane (C28)	16.925	2052481	18.548 ug/ml
17) T n-Tricontane (C30)	17.813	1952182	18.359 ug/ml
18) T n-Dotriacontane (C32)	18.645	1859942	18.559 ug/ml
19) T n-Tetratriacontane (C34)	19.429	1801503	19.088 ug/ml
20) T n-Hexatriacontane (C36)	20.168	1709446	19.688 ug/ml
21) T n-Octatriacontane (C38)	20.920	1683039	20.648 ug/ml
22) T n-Tetracontane (C40)	21.863	1711475	21.309 ug/ml

(f)=RT Delta > 1/2 Window

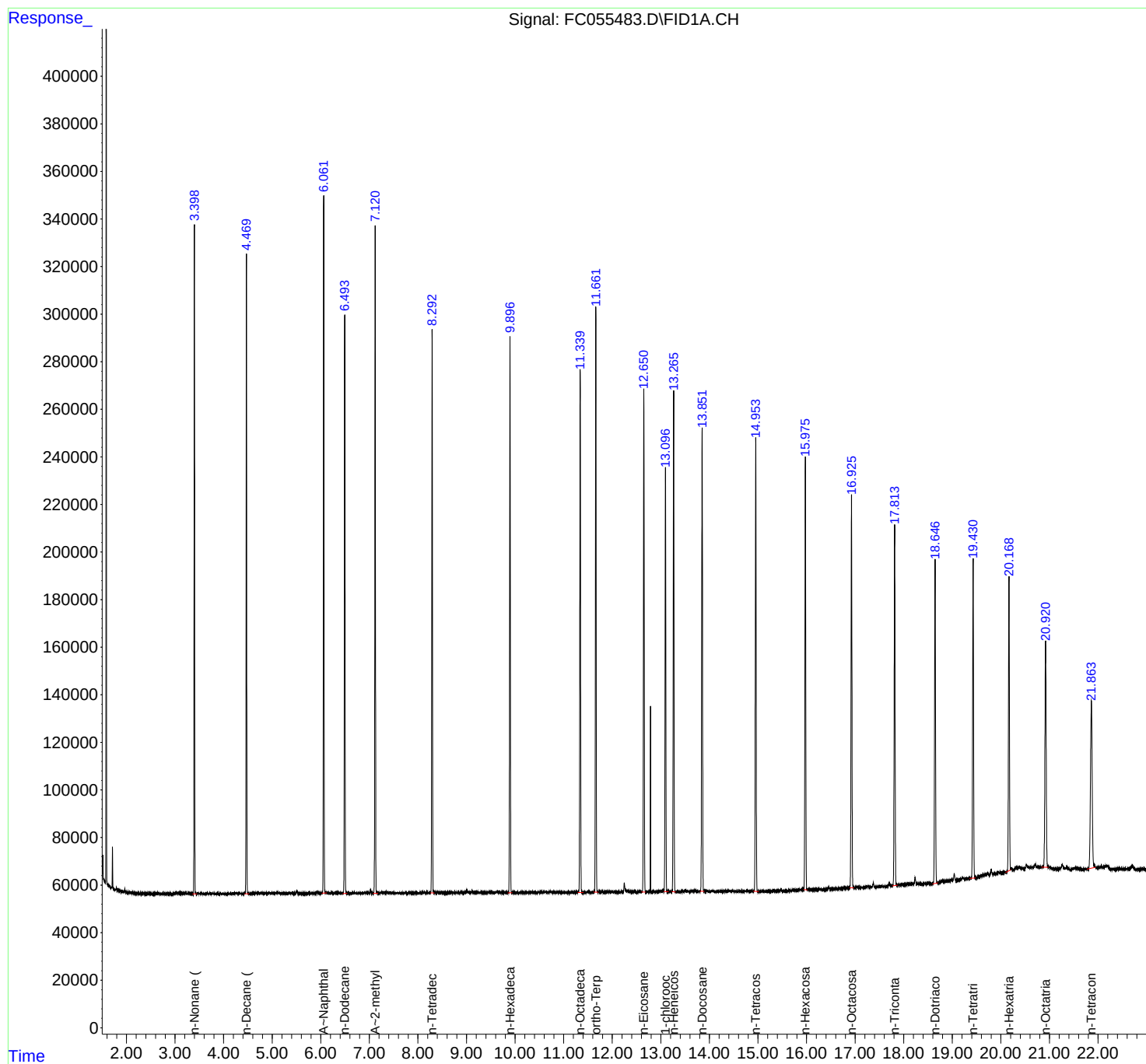
(m)=manual int.

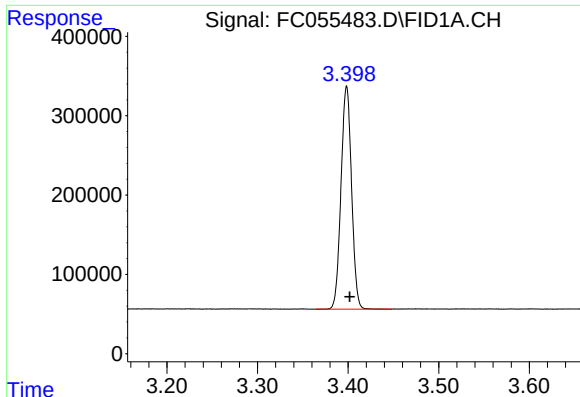
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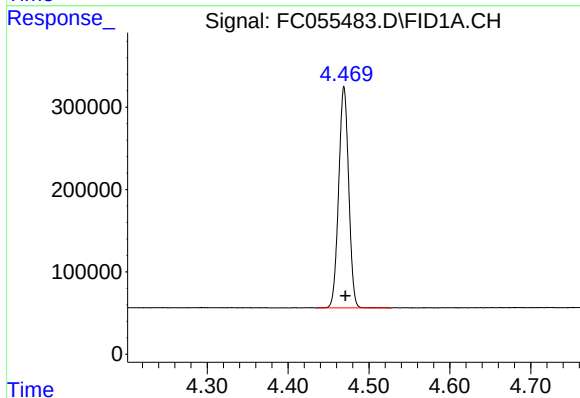




#1 n-Nonane (C9)

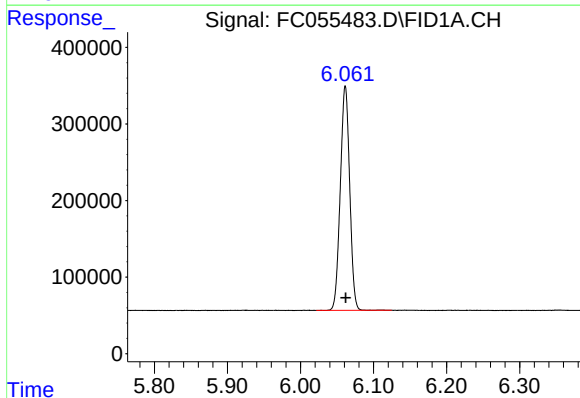
R.T.: 3.398 min
Delta R.T.: -0.004 min
Response: 2272068
Conc: 21.02 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



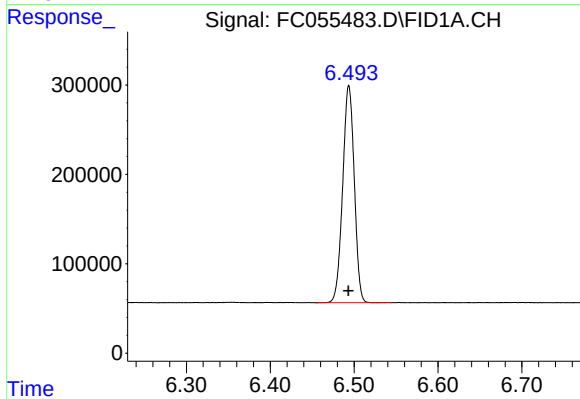
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.002 min
Response: 2310010
Conc: 21.19 ug/ml



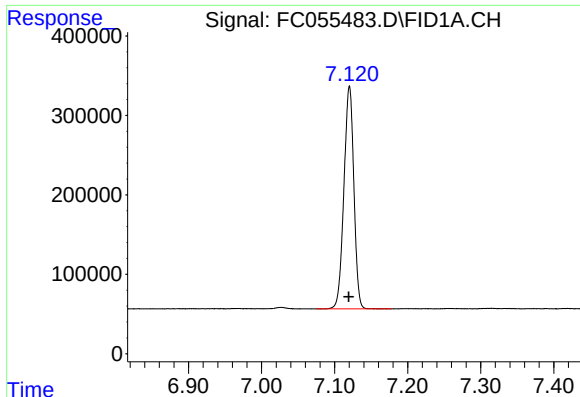
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 2615080
Conc: 21.22 ug/ml



#4 n-Dodecane (C12)

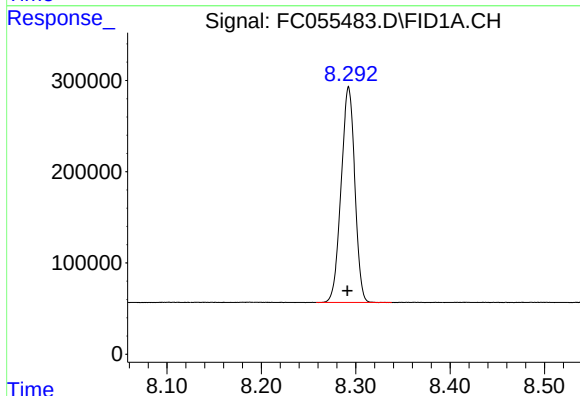
R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 2335652
Conc: 21.33 ug/ml



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

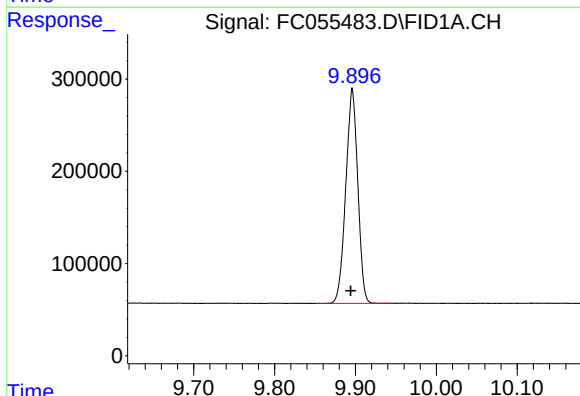
R.T.: 7.120 min
Delta R.T.: 0.001 min
Response: 2650282
Conc: 21.30 ug/ml

Instrument :
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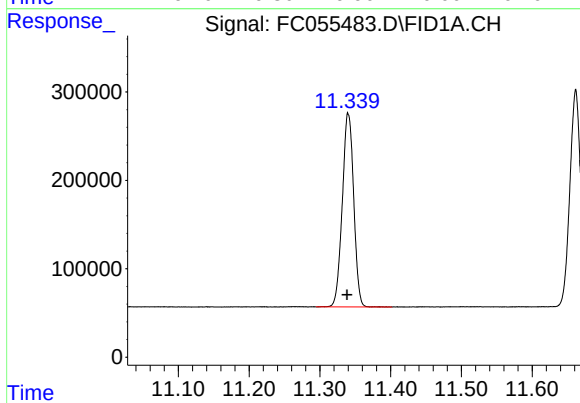
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: 0.001 min
Response: 2377497
Conc: 21.35 ug/ml



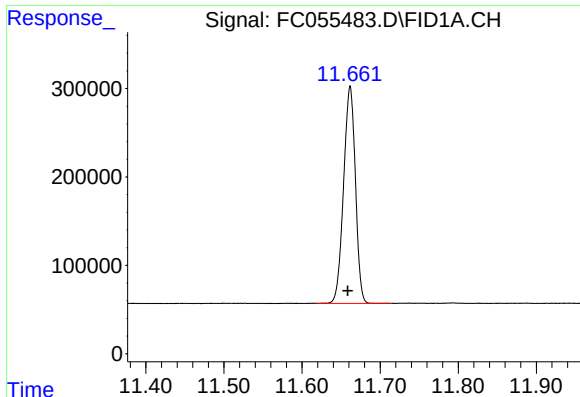
#7 n-Hexadecane (C16)

R.T.: 9.896 min
Delta R.T.: 0.002 min
Response: 2402741
Conc: 21.26 ug/ml



#8 n-Octadecane (C18)

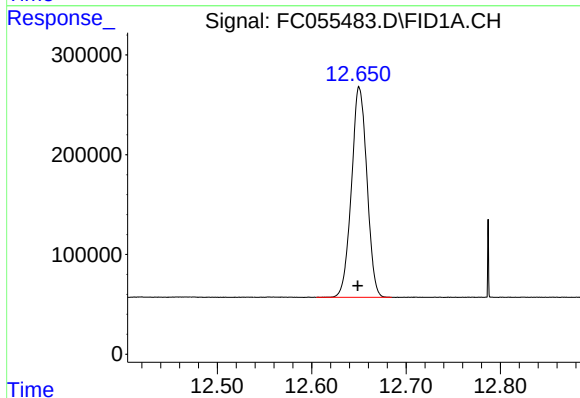
R.T.: 11.340 min
Delta R.T.: 0.002 min
Response: 2452155
Conc: 21.06 ug/ml



#9 ortho-Terphenyl (SURR)

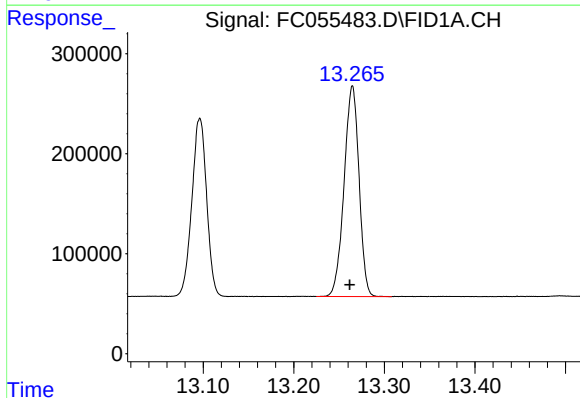
R.T.: 11.661 min
Delta R.T.: 0.003 min
Response: 2580049
Conc: 20.65 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



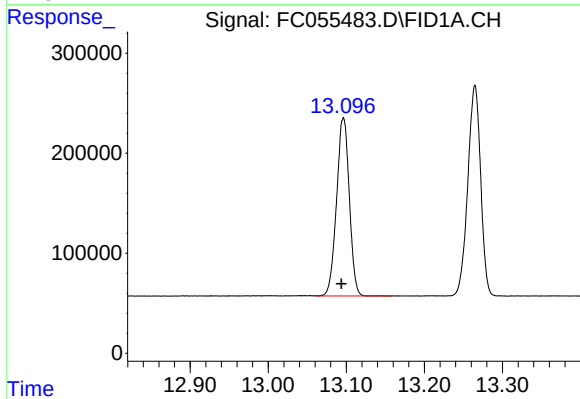
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: 0.002 min
Response: 2399923
Conc: 20.54 ug/ml



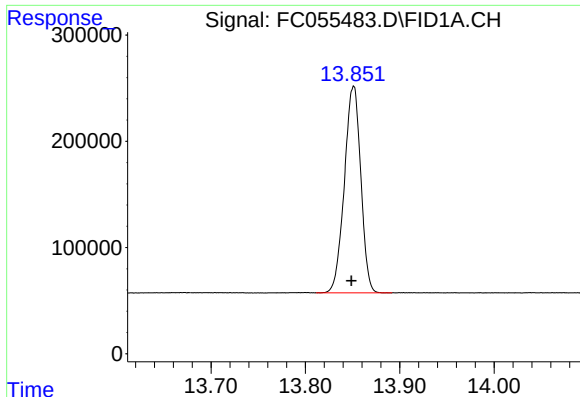
#11 n-Heneicosane (C21)

R.T.: 13.265 min
Delta R.T.: 0.003 min
Response: 2414368
Conc: 20.51 ug/ml



#12 1-chlorooctadecane (SURR)

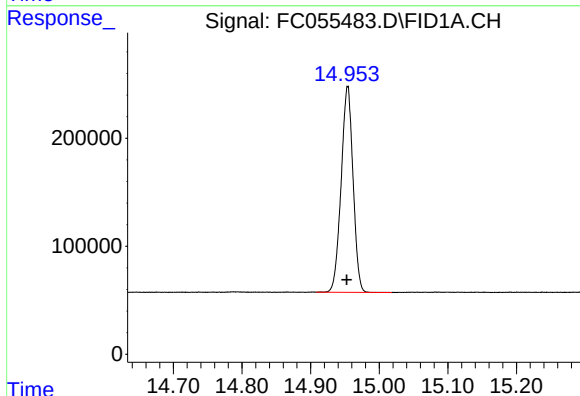
R.T.: 13.096 min
Delta R.T.: 0.002 min
Response: 2018347
Conc: 20.39 ug/ml



#13 n-Docosane (C22)

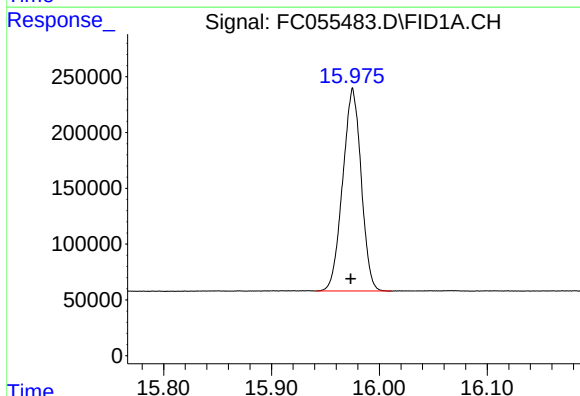
R.T.: 13.851 min
Delta R.T.: 0.002 min
Response: 2350580
Conc: 20.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



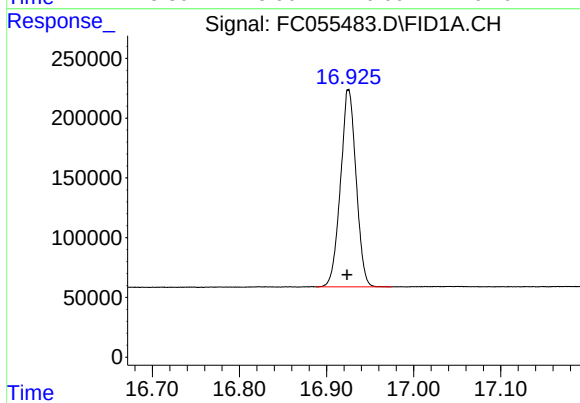
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: 0.000 min
Response: 2291728
Conc: 19.68 ug/ml



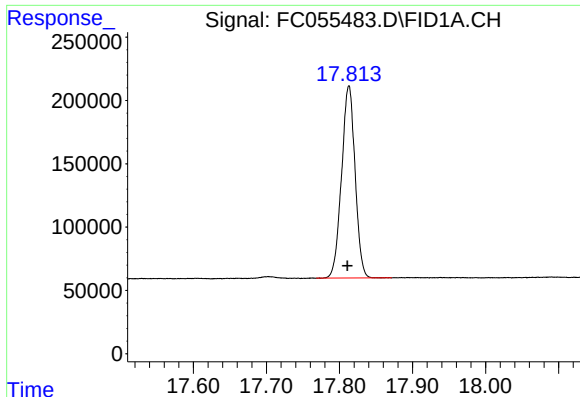
#15 n-Hexacosane (C26)

R.T.: 15.975 min
Delta R.T.: 0.002 min
Response: 2157766
Conc: 19.05 ug/ml



#16 n-Octacosane (C28)

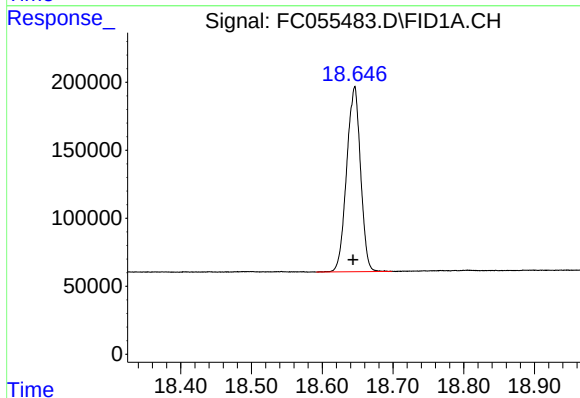
R.T.: 16.925 min
Delta R.T.: 0.002 min
Response: 2052481
Conc: 18.55 ug/ml



#17 n-Tricontane (C30)

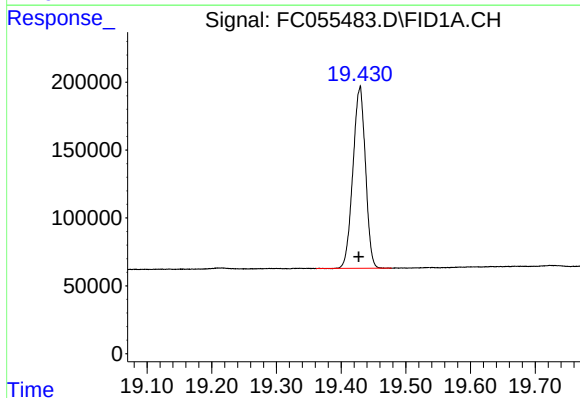
R.T.: 17.813 min
Delta R.T.: 0.002 min
Response: 1952182
Conc: 18.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



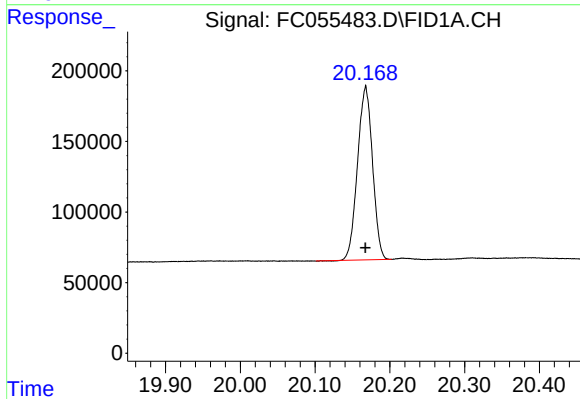
#18 n-Dotriacontane (C32)

R.T.: 18.645 min
Delta R.T.: 0.001 min
Response: 1859942
Conc: 18.56 ug/ml



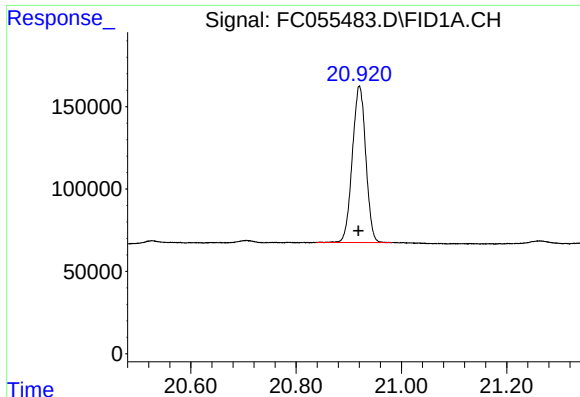
#19 n-Tetratriacontane (C34)

R.T.: 19.429 min
Delta R.T.: 0.001 min
Response: 1801503
Conc: 19.09 ug/ml



#20 n-Hexatriacontane (C36)

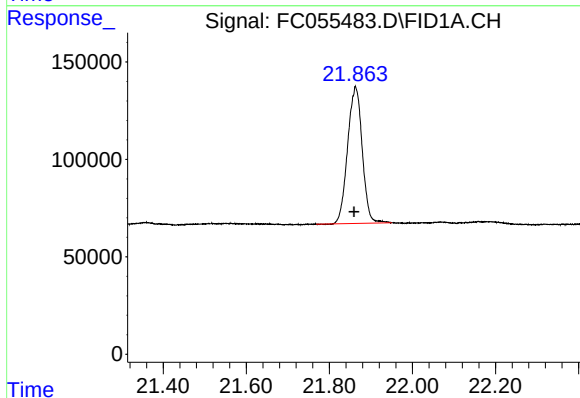
R.T.: 20.168 min
Delta R.T.: 0.000 min
Response: 1709446
Conc: 19.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.920 min
Delta R.T.: 0.002 min
Response: 1683039
Conc: 20.65 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.863 min
Delta R.T.: 0.003 min
Response: 1711475
Conc: 21.31 ug/ml