

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083021AL\
 Data File : FC055449.D
 Signal(s) : FID1A.CH
 Acq On : 31 Aug 2021 00:19
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 31 01:47:34 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	2494456	19.967 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
12) S 1-chlorooctadecane (S...	13.096	1968897	19.894 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
Target Compounds			
1) T n-Nonane (C9)	3.402	2171223	20.086 ug/ml
2) T n-Decane (C10)	4.471	2192099	20.104 ug/ml
3) T A~Naphthalene (C11.7)	6.062	2470418	20.049 ug/ml
4) T n-Dodecane (C12)	6.494	2196235	20.058 ug/ml
5) T A~2-methylnaphthalene...	7.120	2503193	20.115 ug/ml
6) T n-Tetradecane (C14)	8.293	2229023	20.013 ug/ml
7) T n-Hexadecane (C16)	9.896	2254936	19.953 ug/ml
8) T n-Octadecane (C18)	11.341	2324315	19.964 ug/ml
10) T n-Eicosane (C20)	12.651	2317470	19.833 ug/ml
11) T n-Heneicosane (C21)	13.264	2338745	19.871 ug/ml
13) T n-Docosane (C22)	13.850	2319777	19.886 ug/ml
14) T n-Tetracosane (C24)	14.954	2325130	19.965 ug/ml
15) T n-Hexacosane (C26)	15.976	2274086	20.074 ug/ml
16) T n-Octacosane (C28)	16.926	2229545	20.149 ug/ml
17) T n-Tricontane (C30)	17.815	2152989	20.248 ug/ml
18) T n-Dotriacontane (C32)	18.647	2036606	20.321 ug/ml
19) T n-Tetratriacontane (C34)	19.431	1942230	20.579 ug/ml
20) T n-Hexatriacontane (C36)	20.169	1786846	20.580 ug/ml
21) T n-Octatriacontane (C38)	20.923	1658701	20.350 ug/ml
22) T n-Tetracontane (C40)	21.865	1632788	20.330 ug/ml

(f)=RT Delta > 1/2 Window

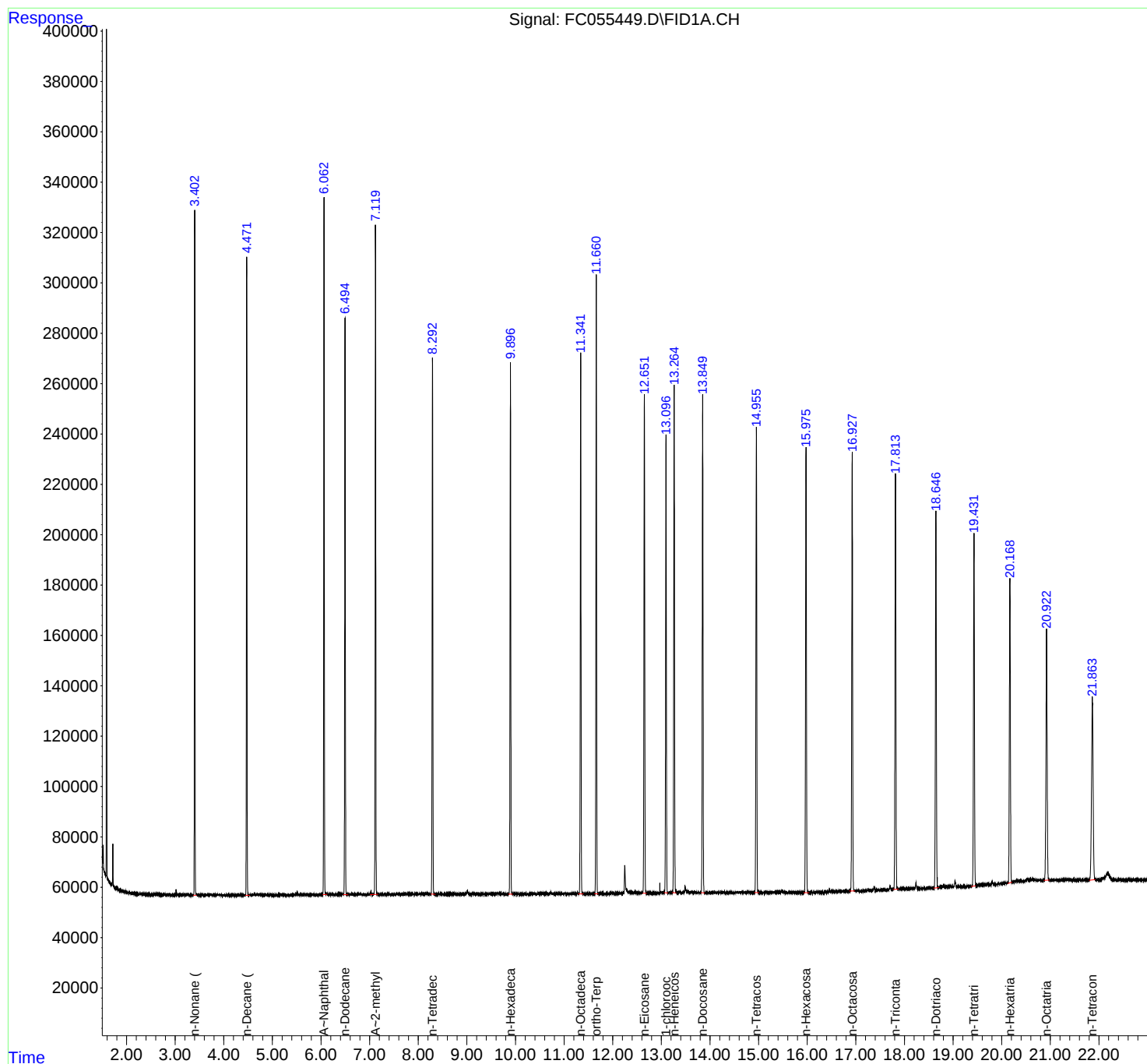
(m)=manual int.

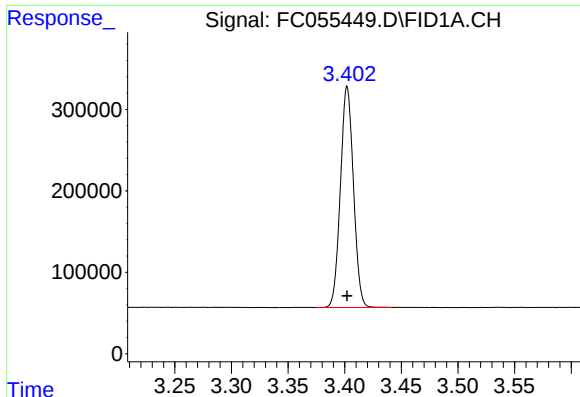
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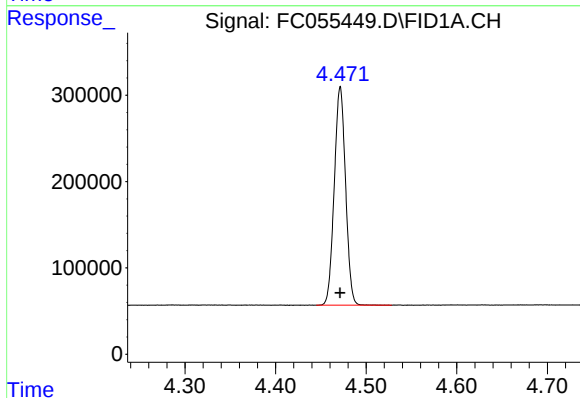




#1 n-Nonane (C9)

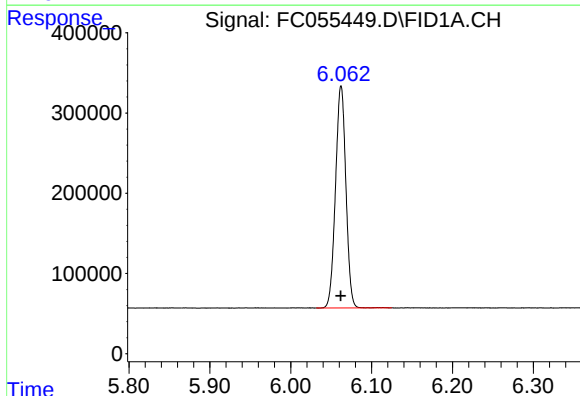
R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 2171223
Conc: 20.09 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



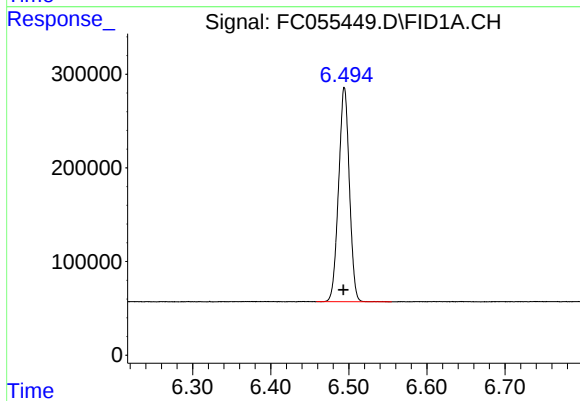
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 2192099
Conc: 20.10 ug/ml



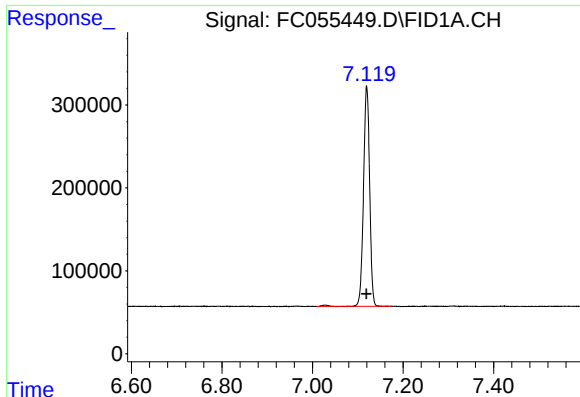
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 2470418
Conc: 20.05 ug/ml



#4 n-Dodecane (C12)

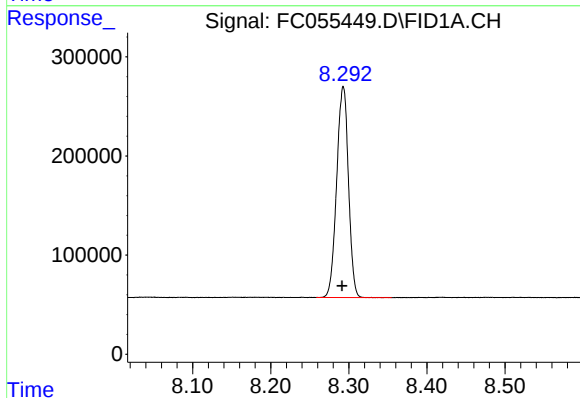
R.T.: 6.494 min
Delta R.T.: 0.001 min
Response: 2196235
Conc: 20.06 ug/ml



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

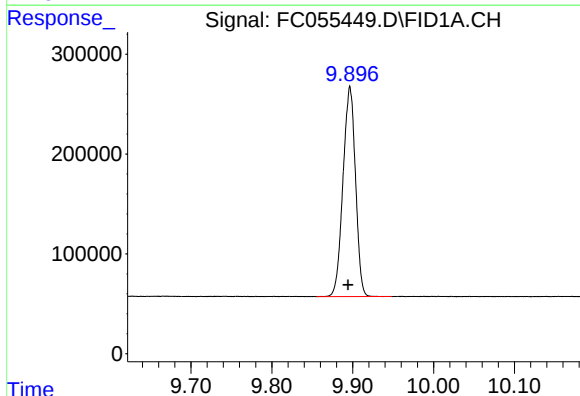
R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 2503193
Conc: 20.11 ug/ml

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20 PPM ALIPHATIC HC STD



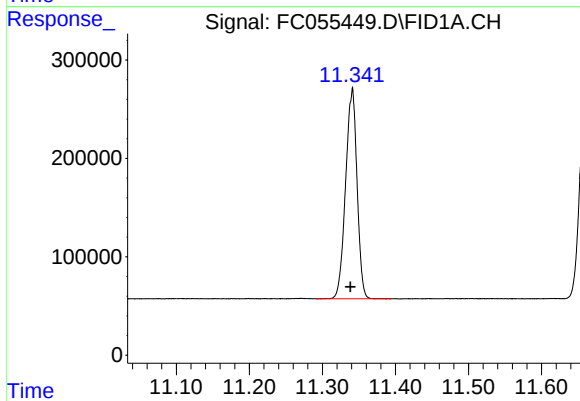
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: 0.001 min
Response: 2229023
Conc: 20.01 ug/ml



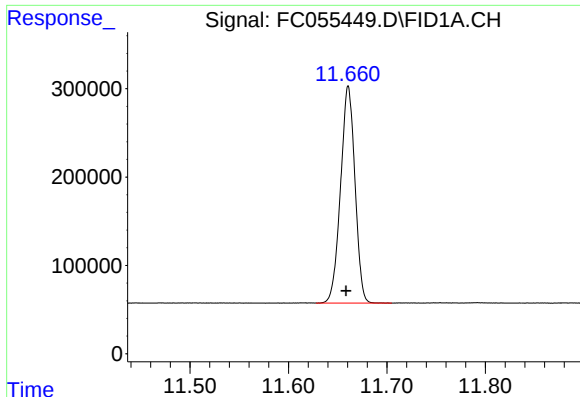
#7 n-Hexadecane (C16)

R.T.: 9.896 min
Delta R.T.: 0.002 min
Response: 2254936
Conc: 19.95 ug/ml



#8 n-Octadecane (C18)

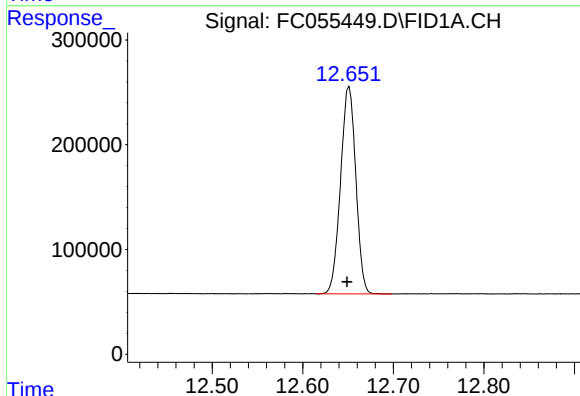
R.T.: 11.341 min
Delta R.T.: 0.002 min
Response: 2324315
Conc: 19.96 ug/ml



#9 ortho-Terphenyl (SURR)

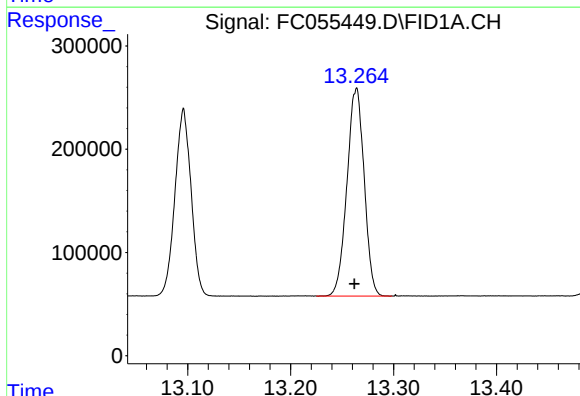
R.T.: 11.661 min
Delta R.T.: 0.002 min
Response: 2494456
Conc: 19.97 ug/ml

Instrument :
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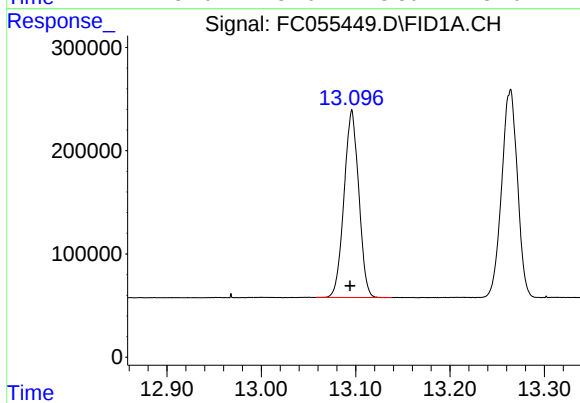
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: 0.002 min
Response: 2317470
Conc: 19.83 ug/ml



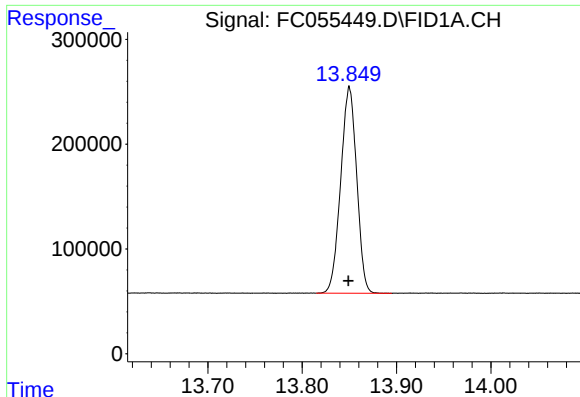
#11 n-Heneicosane (C21)

R.T.: 13.264 min
Delta R.T.: 0.002 min
Response: 2338745
Conc: 19.87 ug/ml



#12 1-chlorooctadecane (SURR)

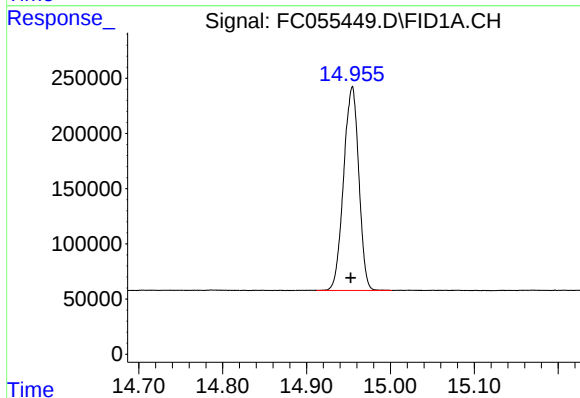
R.T.: 13.096 min
Delta R.T.: 0.002 min
Response: 1968897
Conc: 19.89 ug/ml



#13 n-Docosane (C22)

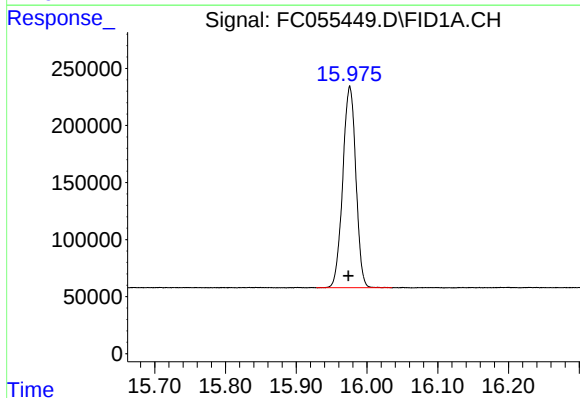
R.T.: 13.850 min
Delta R.T.: 0.001 min
Response: 2319777
Conc: 19.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



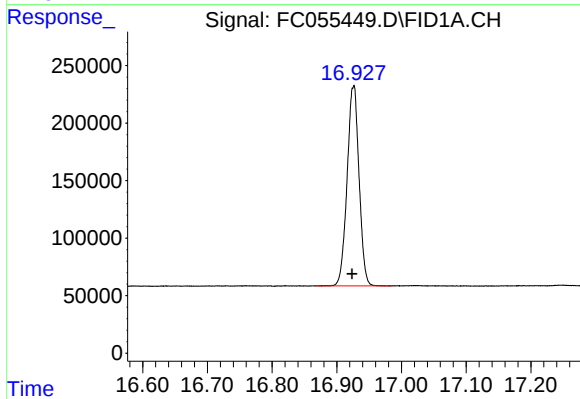
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: 0.001 min
Response: 2325130
Conc: 19.97 ug/ml



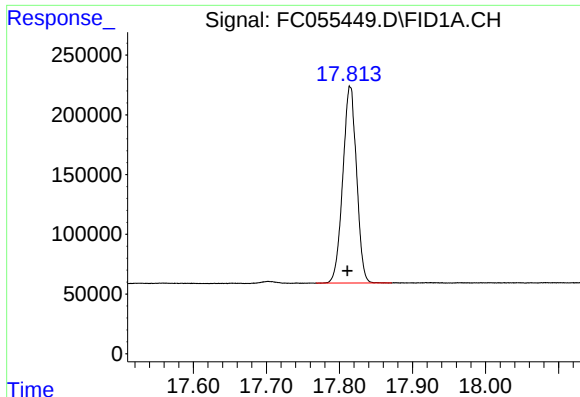
#15 n-Hexacosane (C26)

R.T.: 15.976 min
Delta R.T.: 0.002 min
Response: 2274086
Conc: 20.07 ug/ml



#16 n-Octacosane (C28)

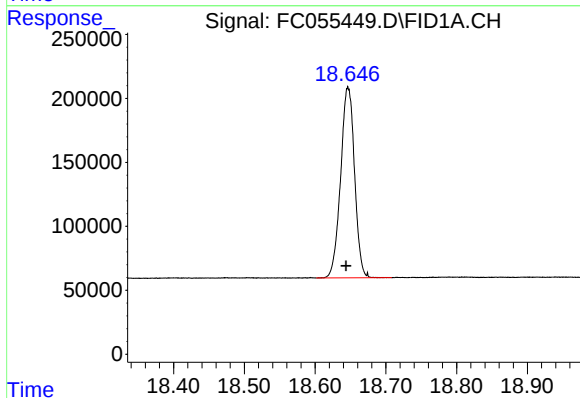
R.T.: 16.926 min
Delta R.T.: 0.002 min
Response: 2229545
Conc: 20.15 ug/ml



#17 n-Tricontane (C30)

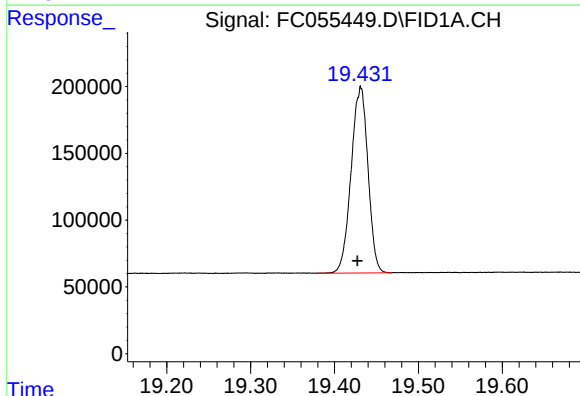
R.T.: 17.815 min
Delta R.T.: 0.004 min
Response: 2152989
Conc: 20.25 ug/ml

Instrument :
FID_C
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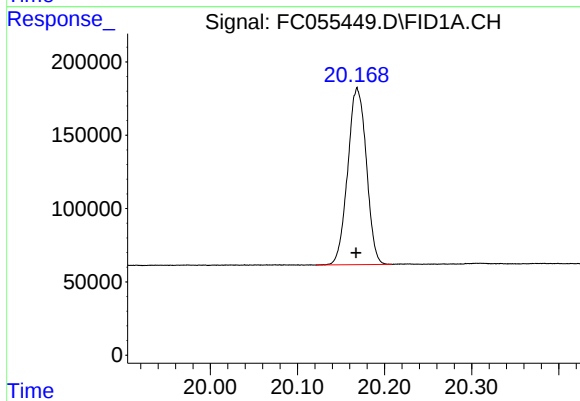
#18 n-Dotriacontane (C32)

R.T.: 18.647 min
Delta R.T.: 0.003 min
Response: 2036606
Conc: 20.32 ug/ml



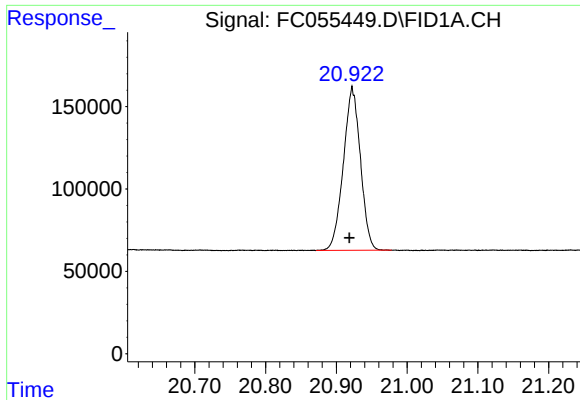
#19 n-Tetratriacontane (C34)

R.T.: 19.431 min
Delta R.T.: 0.004 min
Response: 1942230
Conc: 20.58 ug/ml



#20 n-Hexatriacontane (C36)

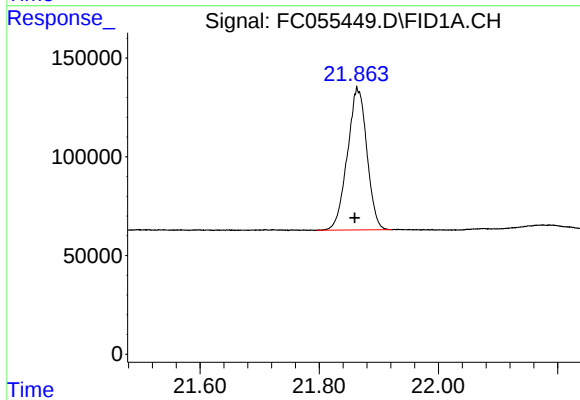
R.T.: 20.169 min
Delta R.T.: 0.002 min
Response: 1786846
Conc: 20.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.923 min
Delta R.T.: 0.004 min
Response: 1658701
Conc: 20.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.865 min
Delta R.T.: 0.005 min
Response: 1632788
Conc: 20.33 ug/ml