

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092921AL\
 Data File : FC055899.D
 Signal(s) : FID1A.CH
 Acq On : 29 Sep 2021 20:01
 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: Sep 30 01:29:55 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)	11.648	2391004	20.150 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
12) S 1-chlorooctadecane (S...	13.081	1848969	20.125 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
Target Compounds			
1) T n-Nonane (C9)	3.402	2122014	19.885 ug/ml
2) T n-Decane (C10)	4.471	2144441	20.061 ug/ml
3) T A~Naphthalene (C11.7)	6.063	2407150	20.006 ug/ml
4) T n-Dodecane (C12)	6.490	2180788	20.092 ug/ml
5) T A~2-methylnaphthalene...	7.120	2414846	19.880 ug/ml
6) T n-Tetradecane (C14)	8.285	2221374	20.078 ug/ml
7) T n-Hexadecane (C16)	9.884	2225892	20.109 ug/ml
8) T n-Octadecane (C18)	11.326	2262709	20.217 ug/ml
10) T n-Eicosane (C20)	12.635	2199276	20.135 ug/ml
11) T n-Heneicosane (C21)	13.248	2190650	20.149 ug/ml
13) T n-Docosane (C22)	13.832	2151880	20.149 ug/ml
14) T n-Tetracosane (C24)	14.934	2105696	20.137 ug/ml
15) T n-Hexacosane (C26)	15.954	2012409	20.029 ug/ml
16) T n-Octacosane (C28)	16.902	1934846	20.003 ug/ml
17) T n-Tricontane (C30)	17.788	1847812	19.915 ug/ml
18) T n-Dotriacontane (C32)	18.620	1750434	19.688 ug/ml
19) T n-Tetratriacontane (C34)	19.401	1690430	19.545 ug/ml
20) T n-Hexatriacontane (C36)	20.137	1580840	19.349 ug/ml
21) T n-Octatriacontane (C38)	20.882	1500346	18.828 ug/ml
22) T n-Tetracontane (C40)	21.810	1508142	18.814 ug/ml

(f)=RT Delta > 1/2 Window

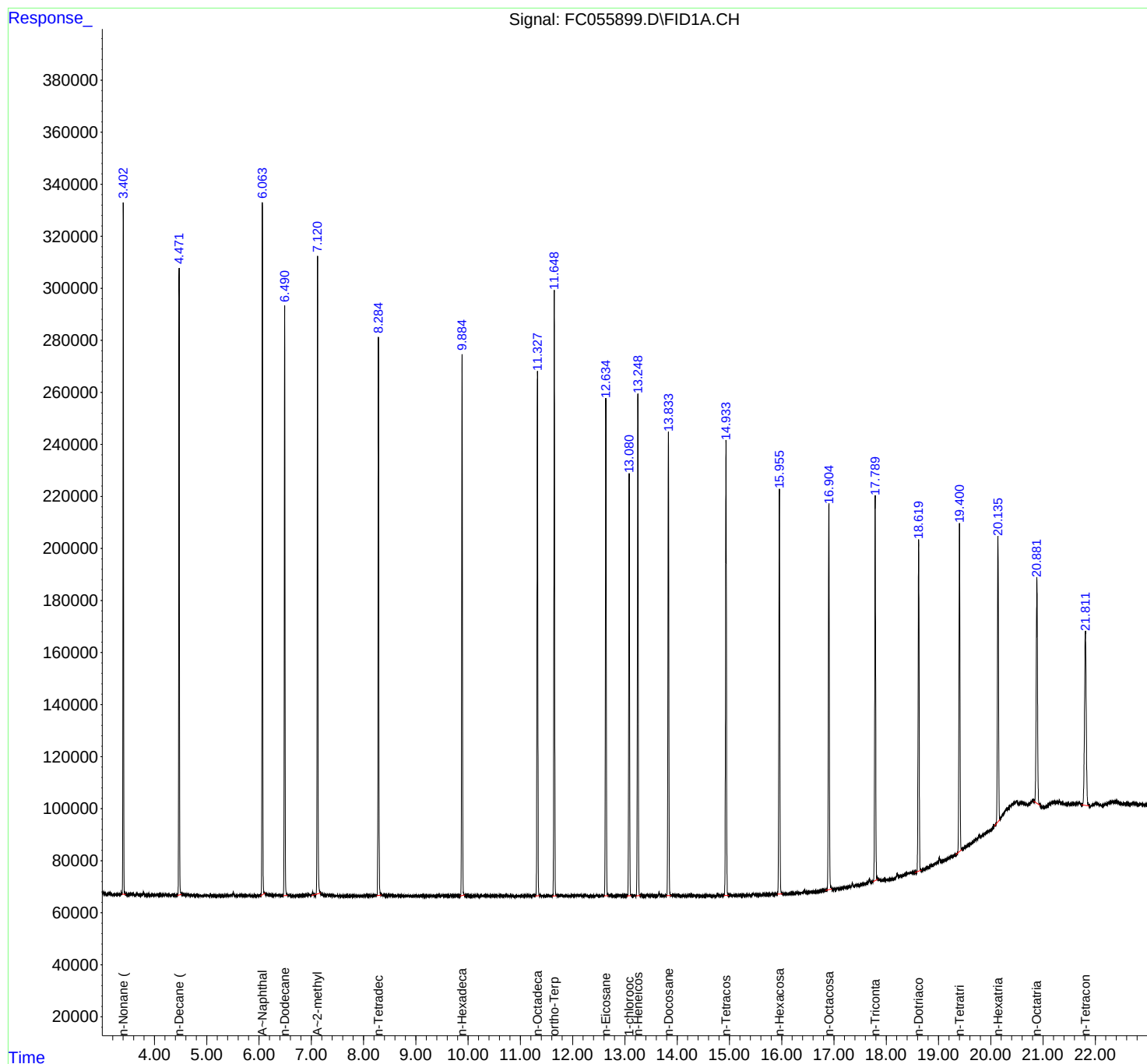
(m)=manual int.

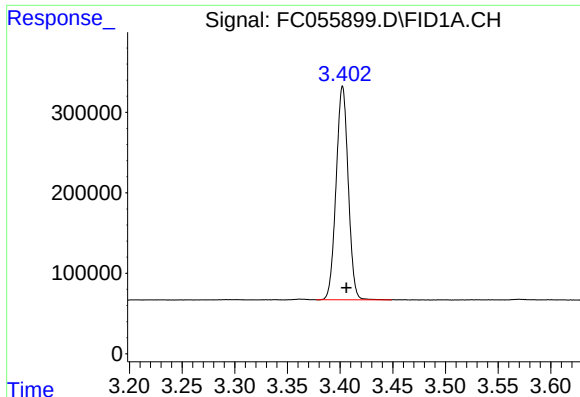
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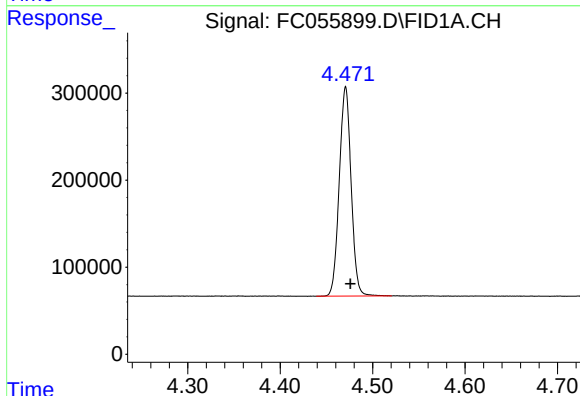




#1 n-Nonane (C9)

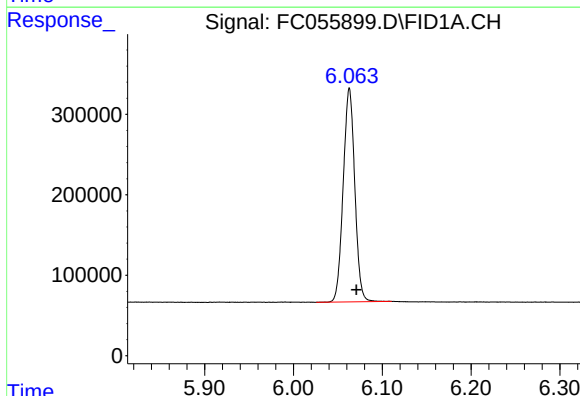
R.T.: 3.402 min
Delta R.T.: -0.004 min
Response: 2122014
Conc: 19.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



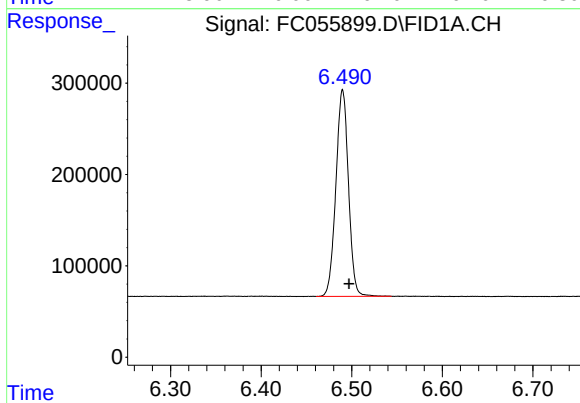
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.005 min
Response: 2144441
Conc: 20.06 ug/ml



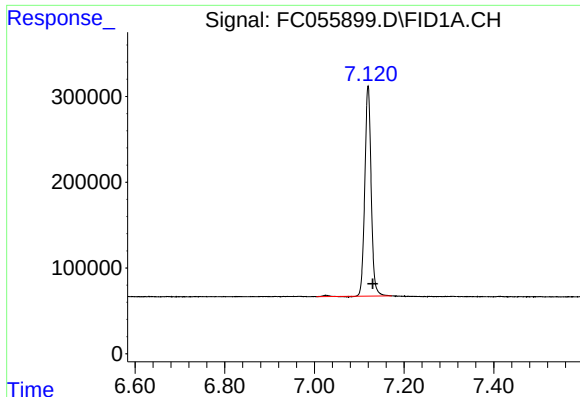
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: -0.008 min
Response: 2407150
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

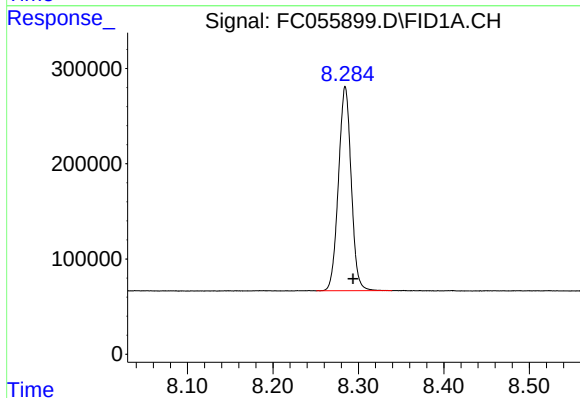
R.T.: 6.490 min
Delta R.T.: -0.007 min
Response: 2180788
Conc: 20.09 ug/ml



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

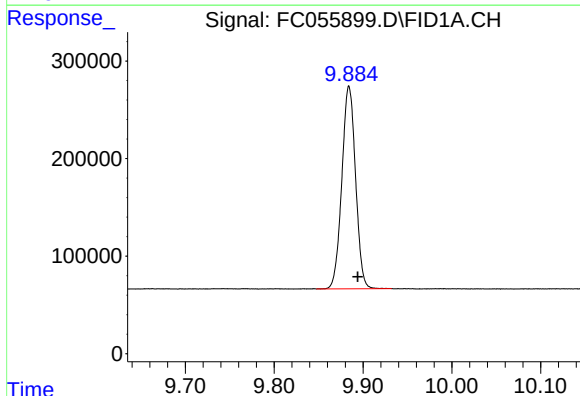
R.T.: 7.120 min
Delta R.T.: -0.010 min
Response: 2414846
Conc: 19.88 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



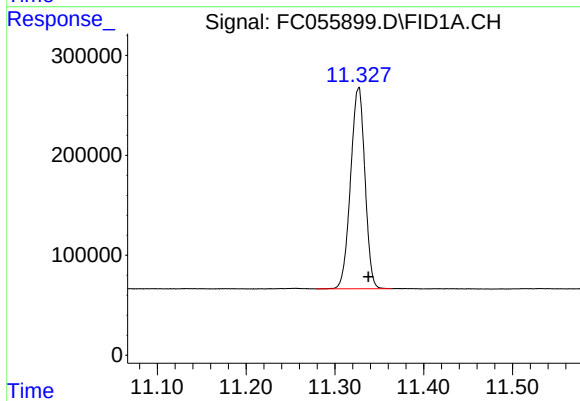
#6 n-Tetradecane (C14)

R.T.: 8.285 min
Delta R.T.: -0.009 min
Response: 2221374
Conc: 20.08 ug/ml



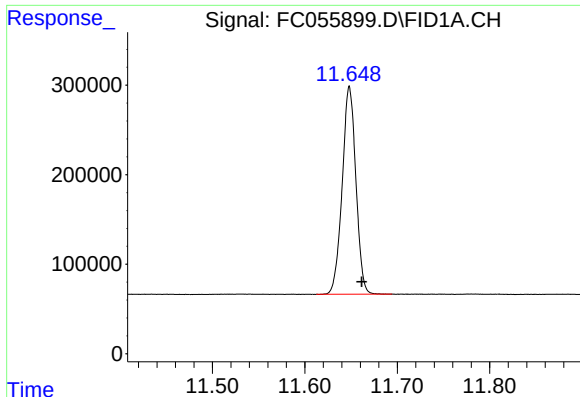
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: -0.010 min
Response: 2225892
Conc: 20.11 ug/ml



#8 n-Octadecane (C18)

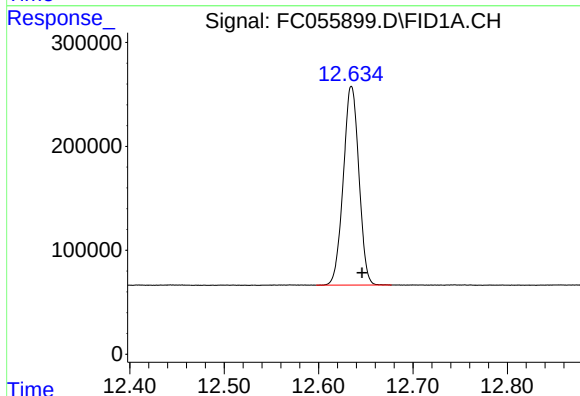
R.T.: 11.326 min
Delta R.T.: -0.011 min
Response: 2262709
Conc: 20.22 ug/ml



#9 ortho-Terphenyl (SURR)

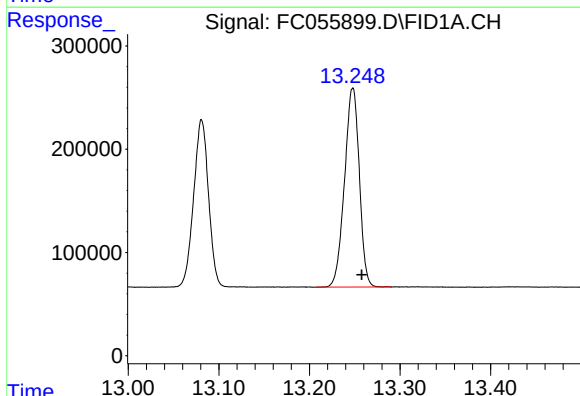
R.T.: 11.648 min
Delta R.T.: -0.013 min
Response: 2391004
Conc: 20.15 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



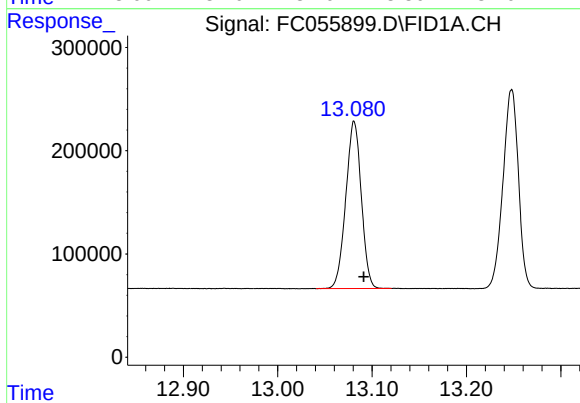
#10 n-Eicosane (C20)

R.T.: 12.635 min
Delta R.T.: -0.011 min
Response: 2199276
Conc: 20.13 ug/ml



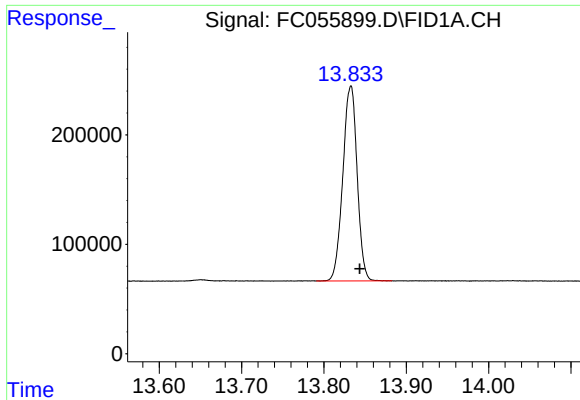
#11 n-Heneicosane (C21)

R.T.: 13.248 min
Delta R.T.: -0.010 min
Response: 2190650
Conc: 20.15 ug/ml



#12 1-chlorooctadecane (SURR)

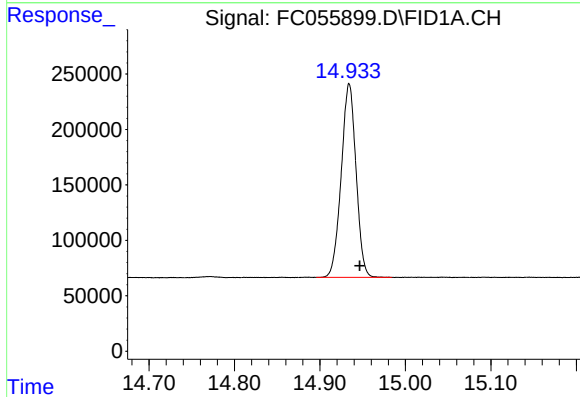
R.T.: 13.081 min
Delta R.T.: -0.010 min
Response: 1848969
Conc: 20.13 ug/ml



#13 n-Docosane (C22)

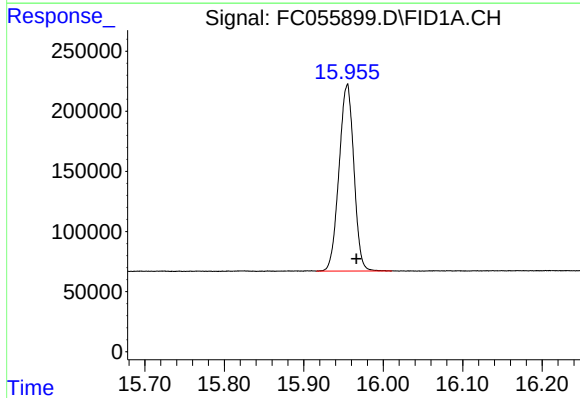
R.T.: 13.832 min
Delta R.T.: -0.011 min
Response: 2151880
Conc: 20.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



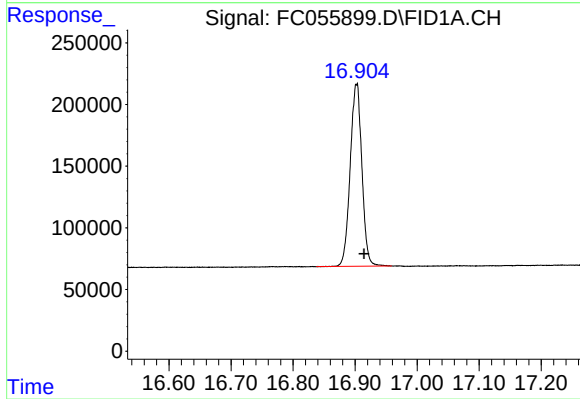
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.012 min
Response: 2105696
Conc: 20.14 ug/ml



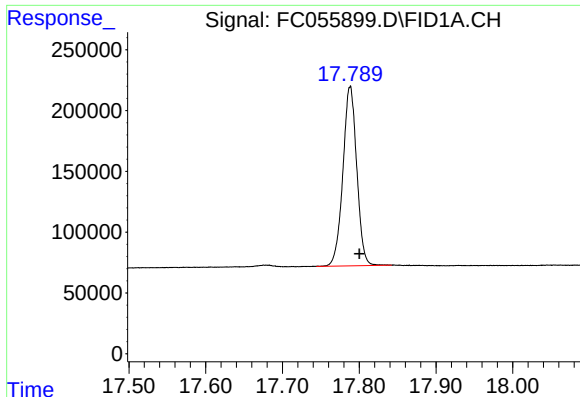
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: -0.012 min
Response: 2012409
Conc: 20.03 ug/ml



#16 n-Octacosane (C28)

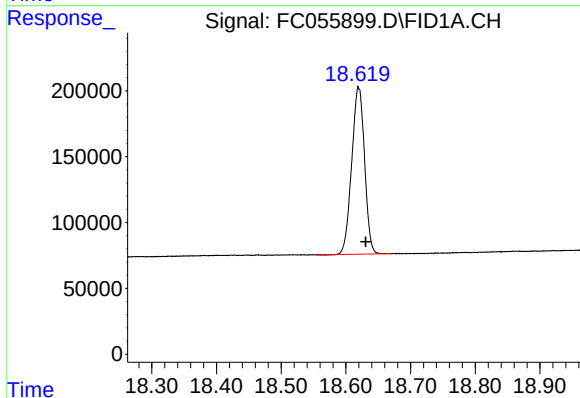
R.T.: 16.902 min
Delta R.T.: -0.012 min
Response: 1934846
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

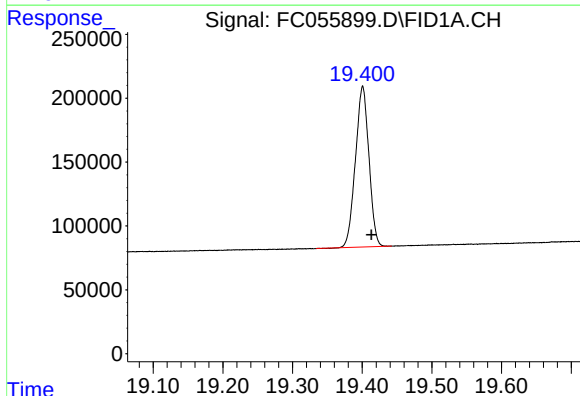
R.T.: 17.788 min
Delta R.T.: -0.012 min
Response: 1847812
Conc: 19.91 ug/ml

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20 PPM ALIPHATIC HC STD



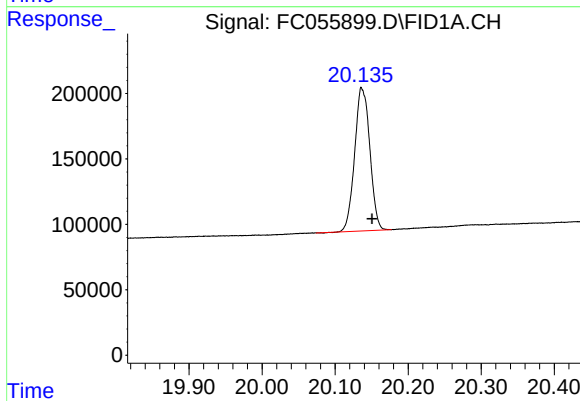
#18 n-Dotriacontane (C32)

R.T.: 18.620 min
Delta R.T.: -0.011 min
Response: 1750434
Conc: 19.69 ug/ml



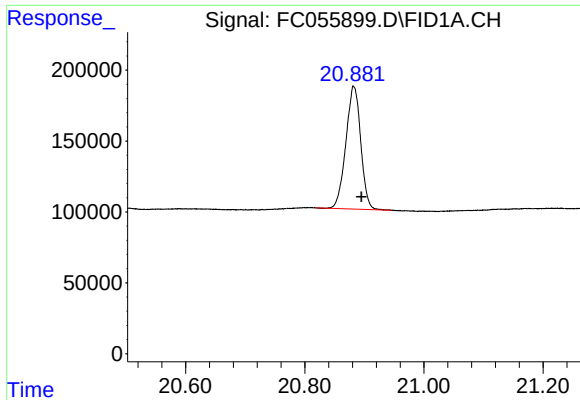
#19 n-Tetratriacontane (C34)

R.T.: 19.401 min
Delta R.T.: -0.013 min
Response: 1690430
Conc: 19.55 ug/ml



#20 n-Hexatriacontane (C36)

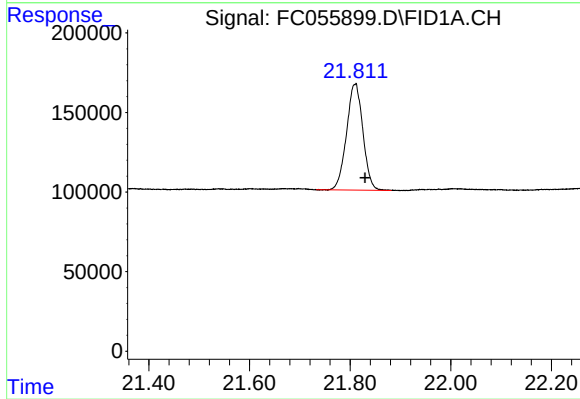
R.T.: 20.137 min
Delta R.T.: -0.013 min
Response: 1580840
Conc: 19.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.882 min
Delta R.T.: -0.013 min
Response: 1500346
Conc: 18.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.810 min
Delta R.T.: -0.020 min
Response: 1508142
Conc: 18.81 ug/ml