

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083121AL\
 Data File : FC055463.D
 Signal(s) : FID1A.CH
 Acq On : 31 Aug 2021 11:55
 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 02:07:23 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)	11.663	2538525	20.320 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
12) S 1-chlorooctadecane (S...	13.098	2010239	20.312 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
Target Compounds			
1) T n-Nonane (C9)	3.398	2162555	20.006 ug/ml
2) T n-Decane (C10)	4.470	2190547	20.089 ug/ml
3) T A~Naphthalene (C11.7)	6.062	2495172	20.249 ug/ml
4) T n-Dodecane (C12)	6.495	2210848	20.191 ug/ml
5) T A~2-methylnaphthalene...	7.122	2519051	20.242 ug/ml
6) T n-Tetradecane (C14)	8.294	2256820	20.263 ug/ml
7) T n-Hexadecane (C16)	9.897	2300757	20.358 ug/ml
8) T n-Octadecane (C18)	11.342	2371999	20.373 ug/ml
10) T n-Eicosane (C20)	12.653	2366484	20.253 ug/ml
11) T n-Heneicosane (C21)	13.266	2400466	20.396 ug/ml
13) T n-Docosane (C22)	13.852	2365433	20.278 ug/ml
14) T n-Tetracosane (C24)	14.957	2347619	20.158 ug/ml
15) T n-Hexacosane (C26)	15.978	2262581	19.973 ug/ml
16) T n-Octacosane (C28)	16.928	2169282	19.604 ug/ml
17) T n-Tricontane (C30)	17.815	2075610	19.520 ug/ml
18) T n-Dotriacontane (C32)	18.648	1947923	19.436 ug/ml
19) T n-Tetratriacontane (C34)	19.432	1856898	19.675 ug/ml
20) T n-Hexatriacontane (C36)	20.172	1720143	19.812 ug/ml
21) T n-Octatriacontane (C38)	20.924	1655972	20.316 ug/ml
22) T n-Tetracontane (C40)	21.869	1638951	20.406 ug/ml

(f)=RT Delta > 1/2 Window

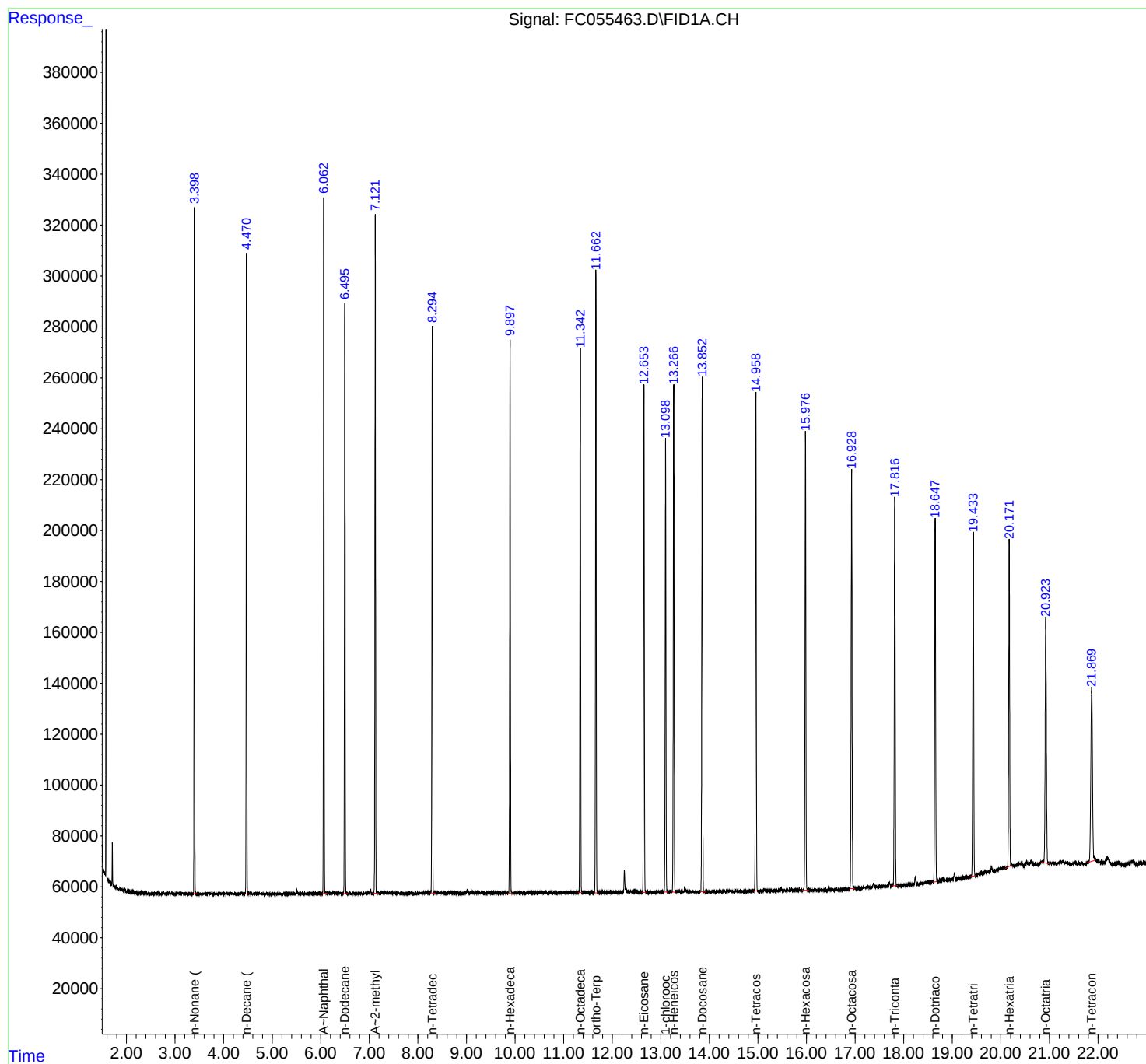
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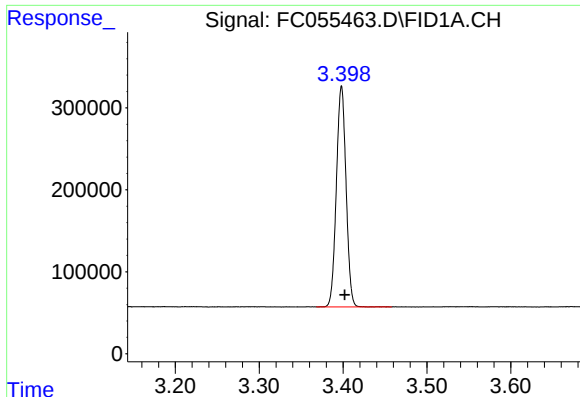
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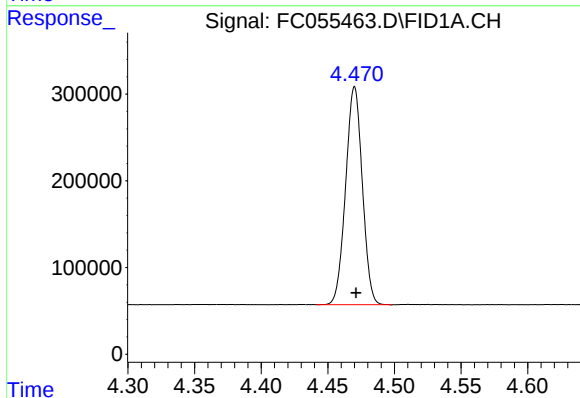




#1 n-Nonane (C9)

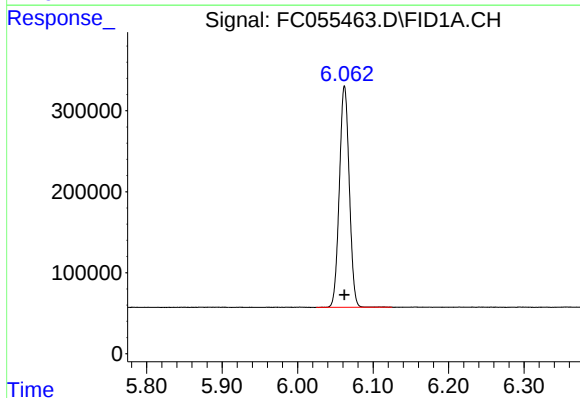
R.T.: 3.398 min
Delta R.T.: -0.004 min
Response: 2162555
Conc: 20.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



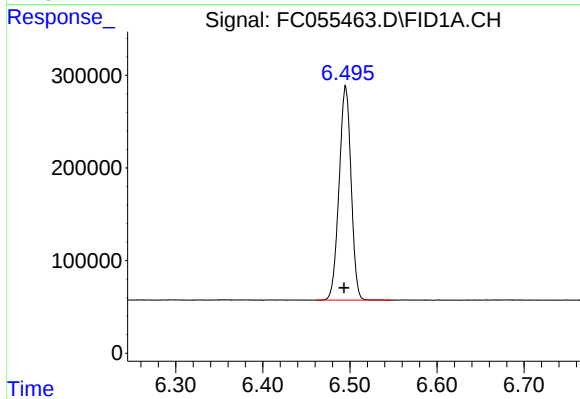
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.001 min
Response: 2190547
Conc: 20.09 ug/ml



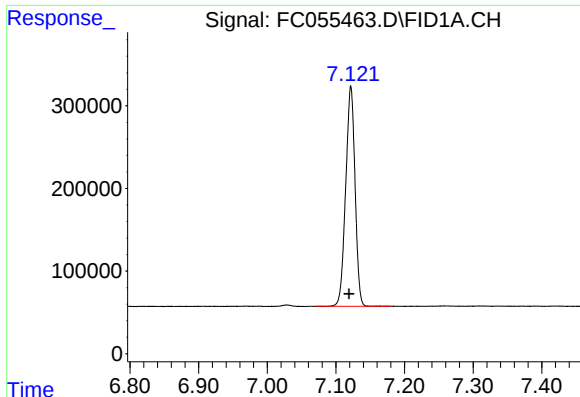
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 2495172
Conc: 20.25 ug/ml



#4 n-Dodecane (C12)

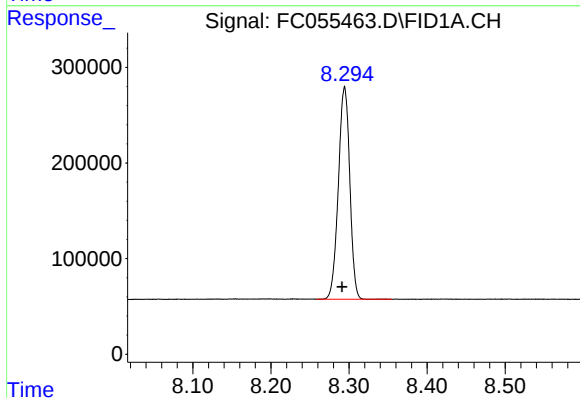
R.T.: 6.495 min
Delta R.T.: 0.002 min
Response: 2210848
Conc: 20.19 ug/ml



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

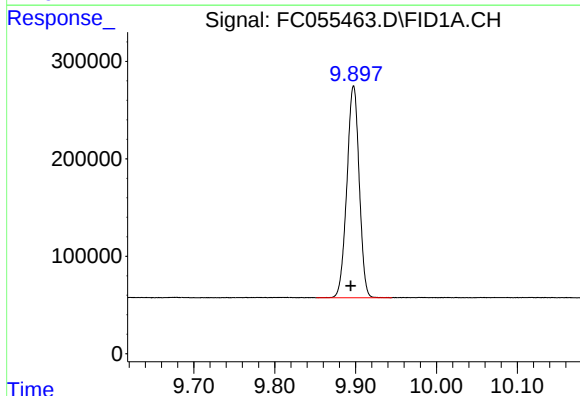
R.T.: 7.122 min
Delta R.T.: 0.003 min
Response: 2519051
Conc: 20.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



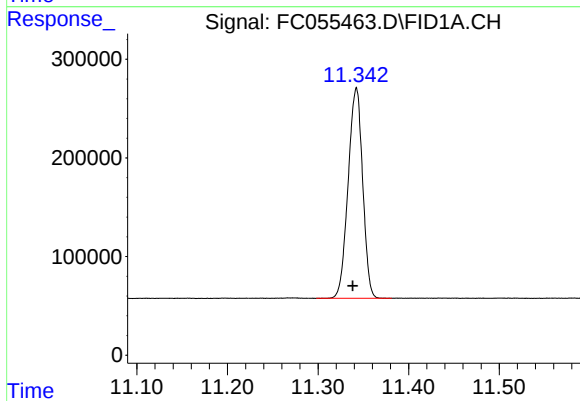
#6 n-Tetradecane (C14)

R.T.: 8.294 min
Delta R.T.: 0.003 min
Response: 2256820
Conc: 20.26 ug/ml



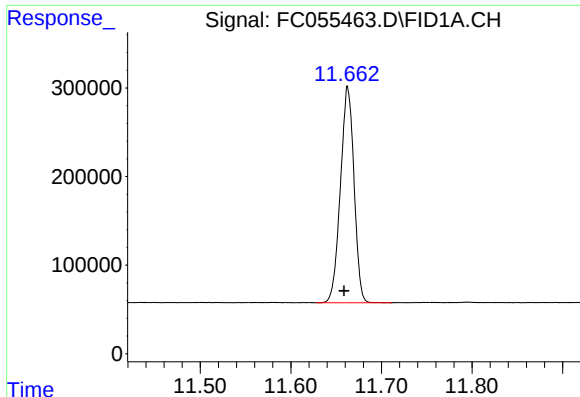
#7 n-Hexadecane (C16)

R.T.: 9.897 min
Delta R.T.: 0.003 min
Response: 2300757
Conc: 20.36 ug/ml



#8 n-Octadecane (C18)

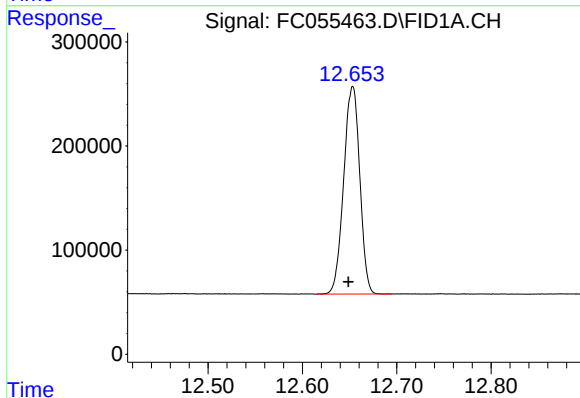
R.T.: 11.342 min
Delta R.T.: 0.004 min
Response: 2371999
Conc: 20.37 ug/ml



#9 ortho-Terphenyl (SURR)

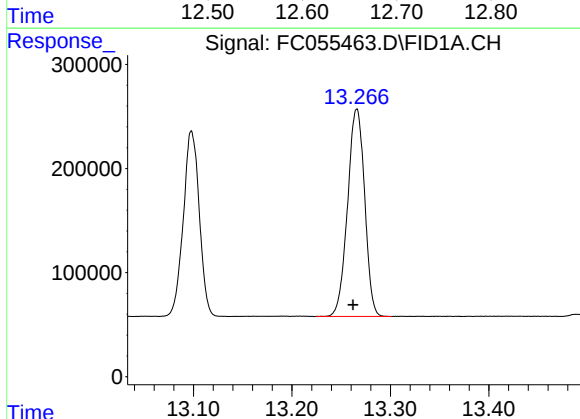
R.T.: 11.663 min
Delta R.T.: 0.004 min
Response: 2538525
Conc: 20.32 ug/ml

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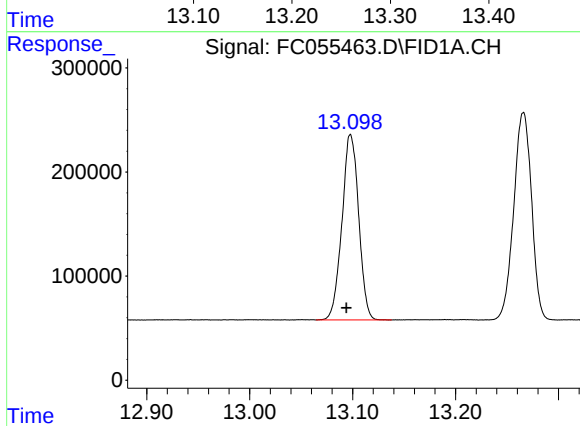
#10 n-Eicosane (C20)

R.T.: 12.653 min
Delta R.T.: 0.004 min
Response: 2366484
Conc: 20.25 ug/ml



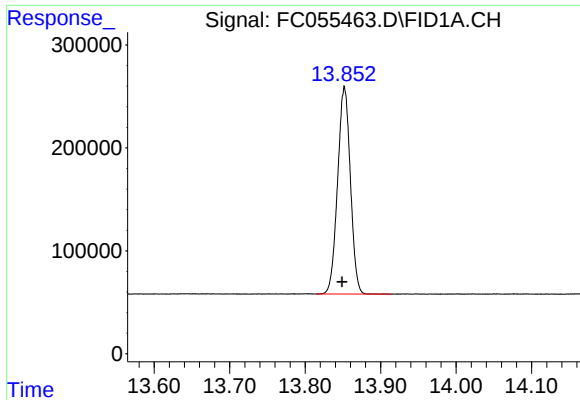
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: 0.004 min
Response: 2400466
Conc: 20.40 ug/ml



#12 1-chlorooctadecane (SURR)

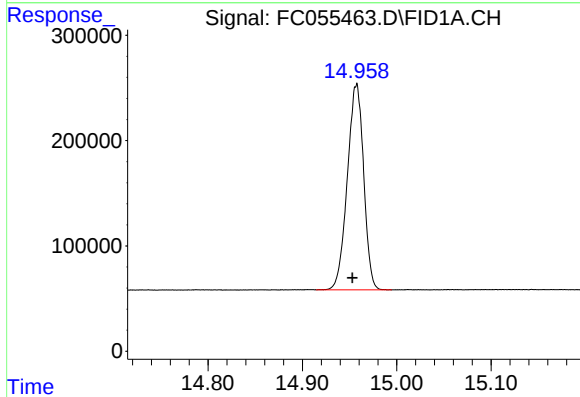
R.T.: 13.098 min
Delta R.T.: 0.004 min
Response: 2010239
Conc: 20.31 ug/ml



#13 n-Docosane (C22)

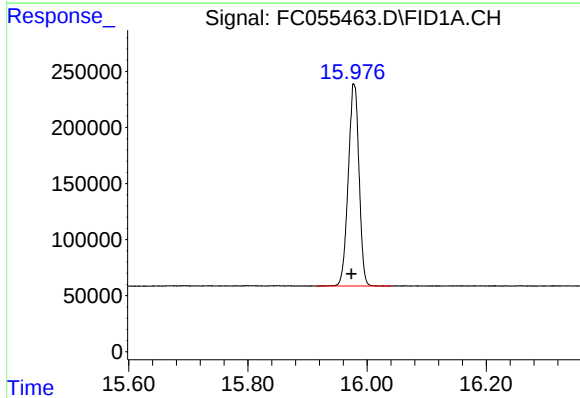
R.T.: 13.852 min
Delta R.T.: 0.003 min
Response: 2365433
Conc: 20.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



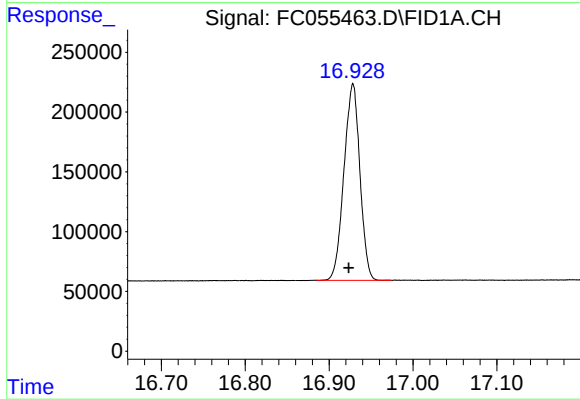
#14 n-Tetracosane (C24)

R.T.: 14.957 min
Delta R.T.: 0.004 min
Response: 2347619
Conc: 20.16 ug/ml



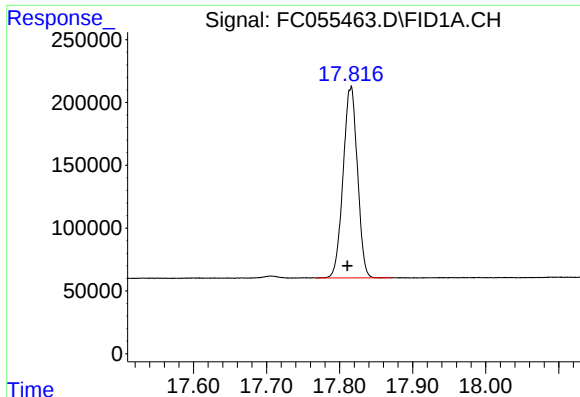
#15 n-Hexacosane (C26)

R.T.: 15.978 min
Delta R.T.: 0.005 min
Response: 2262581
Conc: 19.97 ug/ml



#16 n-Octacosane (C28)

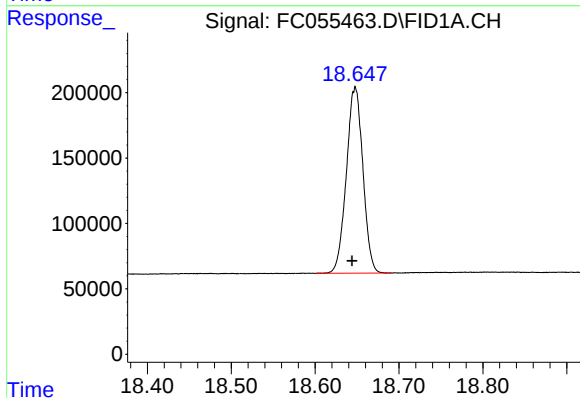
R.T.: 16.928 min
Delta R.T.: 0.005 min
Response: 2169282
Conc: 19.60 ug/ml



#17 n-Tricontane (C30)

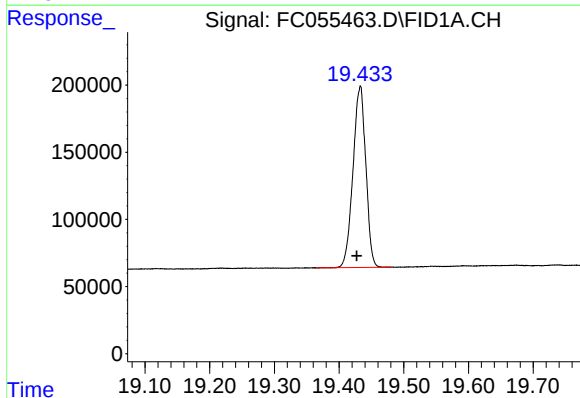
R.T.: 17.815 min
Delta R.T.: 0.004 min
Response: 2075610
Conc: 19.52 ug/ml

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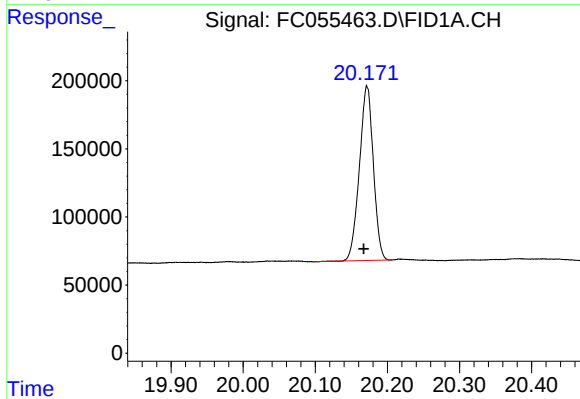
#18 n-Dotriacontane (C32)

R.T.: 18.648 min
Delta R.T.: 0.004 min
Response: 1947923
Conc: 19.44 ug/ml



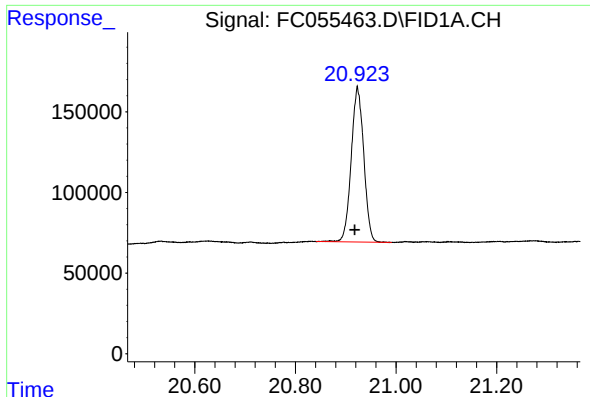
#19 n-Tetratriacontane (C34)

R.T.: 19.432 min
Delta R.T.: 0.005 min
Response: 1856898
Conc: 19.67 ug/ml



#20 n-Hexatriacontane (C36)

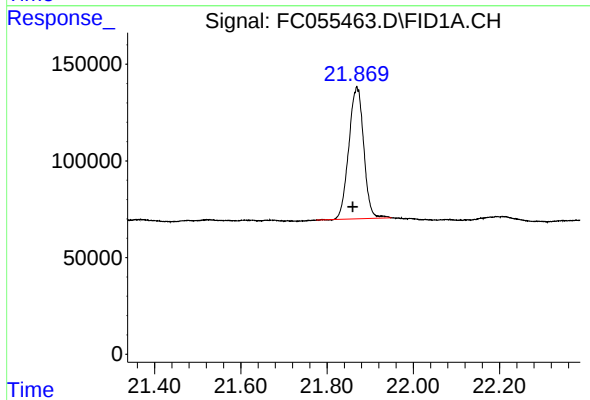
R.T.: 20.172 min
Delta R.T.: 0.005 min
Response: 1720143
Conc: 19.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.924 min
Delta R.T.: 0.005 min
Response: 1655972
Conc: 20.32 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.869 min
Delta R.T.: 0.009 min
Response: 1638951
Conc: 20.41 ug/ml