

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032319AL\
 Data File : FC040064.D
 Signal(s) : FID1A.CH
 Acq On : 23 Mar 2019 11:35
 Operator : AJ\SJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Mar 23 13:33:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:31:49 2019
 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)	11.017	1271068	9.959 ug/ml
Spiked Amount 50.000		Recovery =	19.92%
12) S 1-chlorooctadecane (S...	12.448	990612	10.048 ug/ml
Spiked Amount 50.000		Recovery =	20.10%
Target Compounds			
1) T n-Nonane (C9)	2.851	846567	10.251 ug/ml
2) T n-Decane (C10)	3.871	863694	10.227 ug/ml
3) T A~Naphthalene (C11.7)	5.444	988618	10.187 ug/ml
4) T n-Dodecane (C12)	5.865	868256	10.144 ug/ml
5) T A~2-methylnaphthalene...	6.493	998403	10.135 ug/ml
6) T n-Tetradecane (C14)	7.657	901424	10.029 ug/ml
7) T n-Hexadecane (C16)	9.255	947003	9.993 ug/ml
8) T n-Octadecane (C18)	10.695	987476	9.861 ug/ml
10) T n-Eicosane (C20)	12.003	1018607	10.060 ug/ml
11) T n-Heneicosane (C21)	12.614	1013711	10.087 ug/ml
13) T n-Docosane (C22)	13.199	1016249	10.129 ug/ml
14) T n-Tetracosane (C24)	14.302	1015369	10.237 ug/ml
15) T n-Hexacosane (C26)	15.321	997772	10.235 ug/ml
16) T n-Octacosane (C28)	16.270	999084	10.327 ug/ml
17) T n-Tricontane (C30)	17.156	1000443	10.435 ug/ml
18) T n-Dotriacontane (C32)	17.987	984041	10.391 ug/ml
19) T n-Tetratriacontane (C34)	18.803	844280	10.217 ug/ml
20) T n-Hexatriacontane (C36)	19.827	742358	10.267 ug/ml
21) T n-Octatriacontane (C38)	21.207	692360	10.159 ug/ml
22) T n-Tetracontane (C40)	23.119	338210	5.027 ug/ml

(f)=RT Delta > 1/2 Window

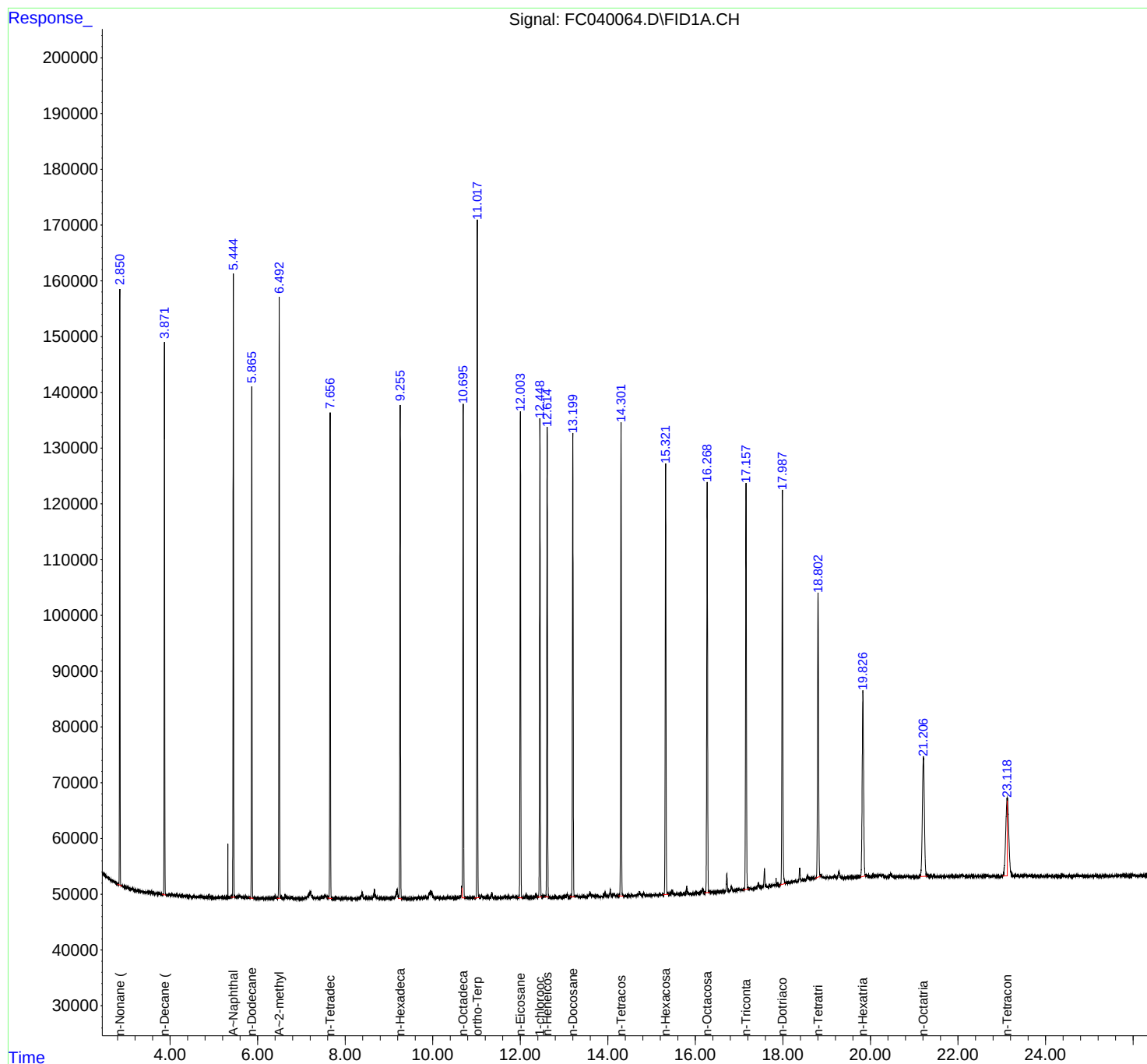
(m)=manual int.

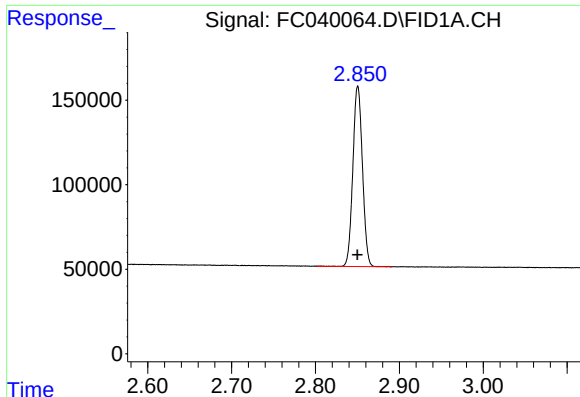
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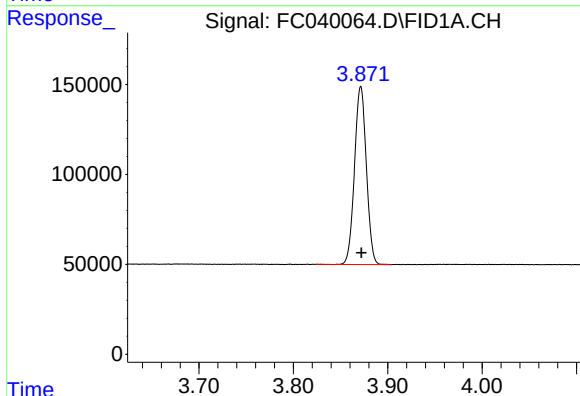




#1 n-Nonane (C9)

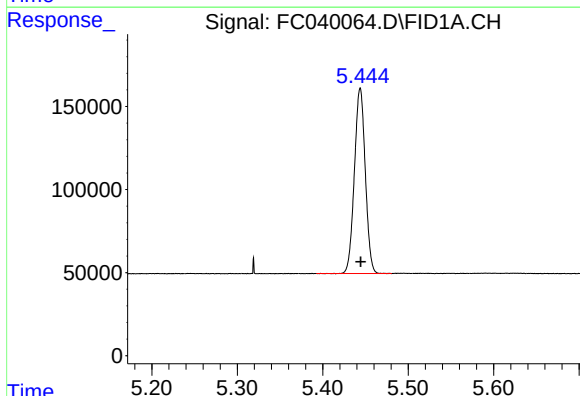
R.T.: 2.851 min
Delta R.T.: 0.000 min
Response: 846567
Conc: 10.25 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



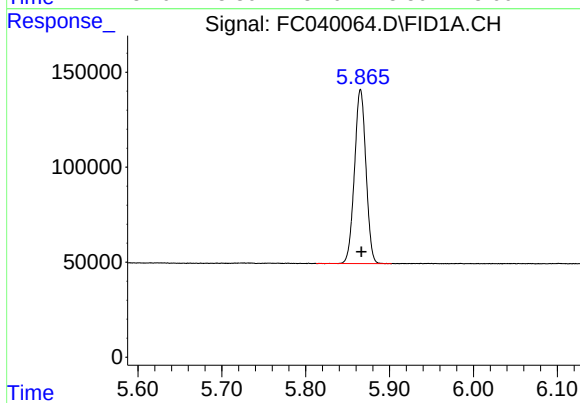
#2 n-Decane (C10)

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 863694
Conc: 10.23 ug/ml



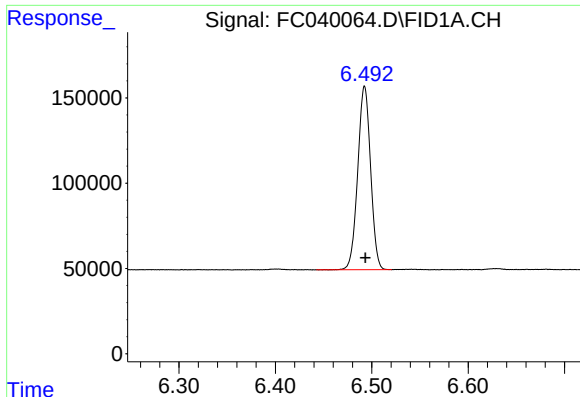
#3 A~Naphthalene (C11.7)

R.T.: 5.444 min
Delta R.T.: 0.000 min
Response: 988618
Conc: 10.19 ug/ml



#4 n-Dodecane (C12)

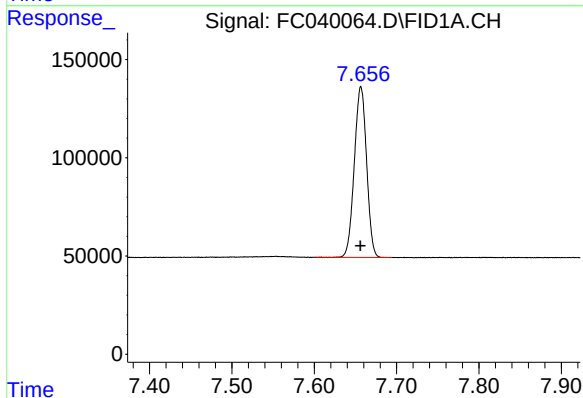
R.T.: 5.865 min
Delta R.T.: -0.001 min
Response: 868256
Conc: 10.14 ug/ml



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

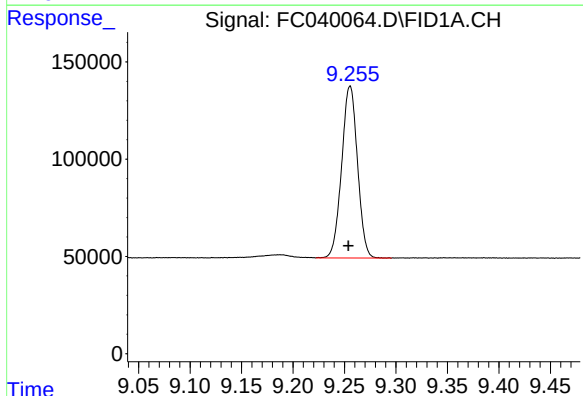
R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 998403
Conc: 10.13 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



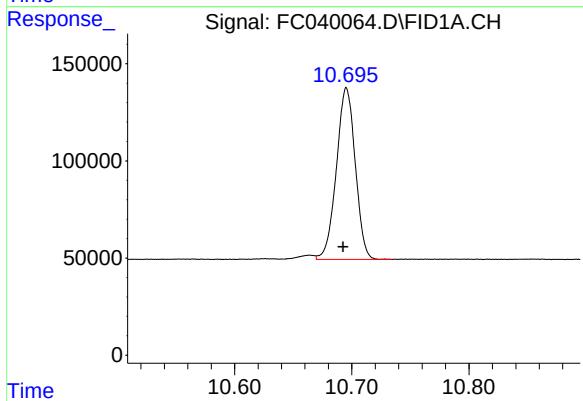
#6 n-Tetradecane (C14)

R.T.: 7.657 min
Delta R.T.: 0.000 min
Response: 901424
Conc: 10.03 ug/ml



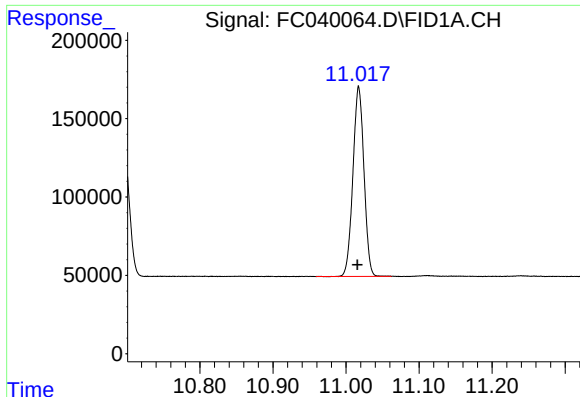
#7 n-Hexadecane (C16)

R.T.: 9.255 min
Delta R.T.: 0.002 min
Response: 947003
Conc: 9.99 ug/ml



#8 n-Octadecane (C18)

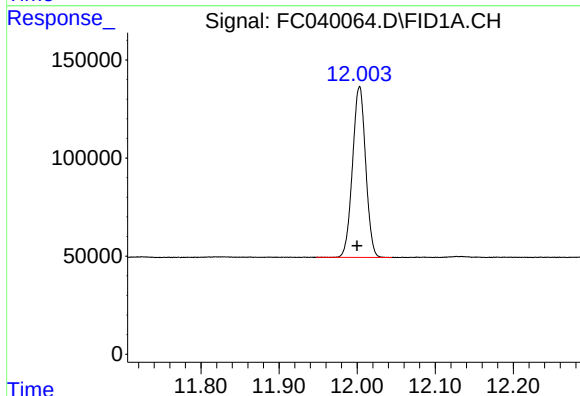
R.T.: 10.695 min
Delta R.T.: 0.003 min
Response: 987476
Conc: 9.86 ug/ml



#9 ortho-Terphenyl (SURR)

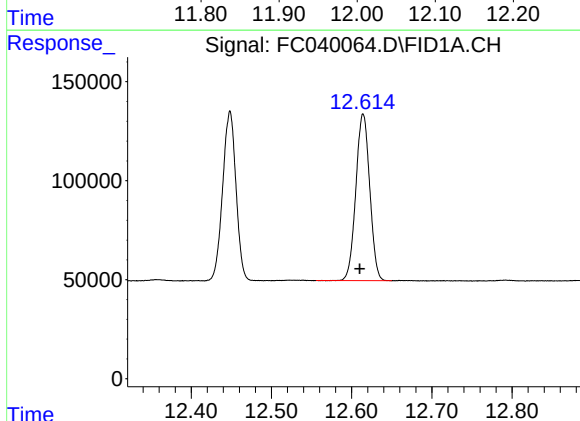
R.T.: 11.017 min
Delta R.T.: 0.002 min
Response: 1271068
Conc: 9.96 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



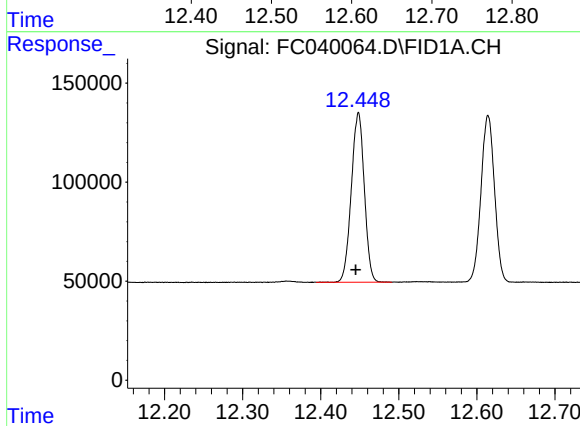
#10 n-Eicosane (C20)

R.T.: 12.003 min
Delta R.T.: 0.003 min
Response: 1018607
Conc: 10.06 ug/ml



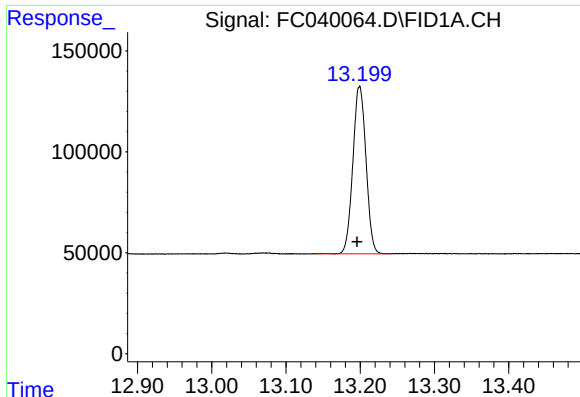
#11 n-Heneicosane (C21)

R.T.: 12.614 min
Delta R.T.: 0.004 min
Response: 1013711
Conc: 10.09 ug/ml



#12 1-chlorooctadecane (SURR)

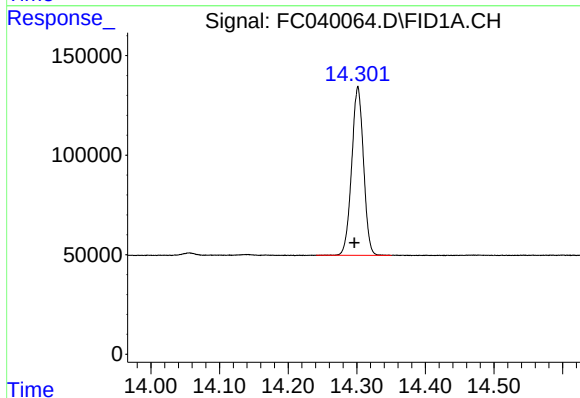
R.T.: 12.448 min
Delta R.T.: 0.004 min
Response: 990612
Conc: 10.05 ug/ml



#13 n-Docosane (C22)

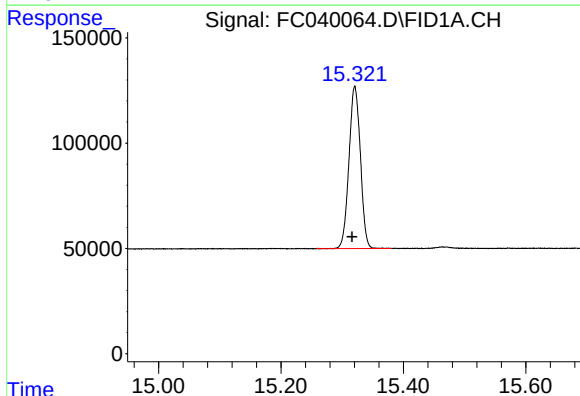
R.T.: 13.199 min
Delta R.T.: 0.003 min
Response: 1016249
Conc: 10.13 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



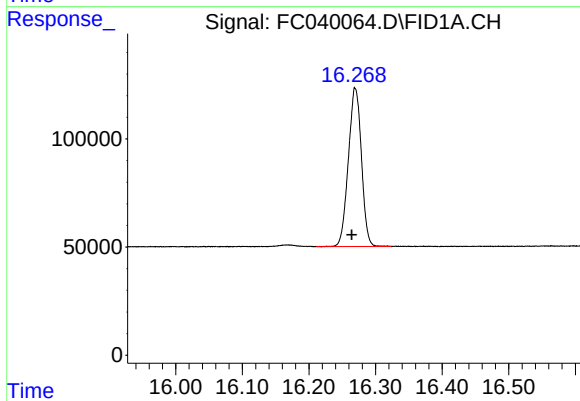
#14 n-Tetracosane (C24)

R.T.: 14.302 min
Delta R.T.: 0.005 min
Response: 1015369
Conc: 10.24 ug/ml



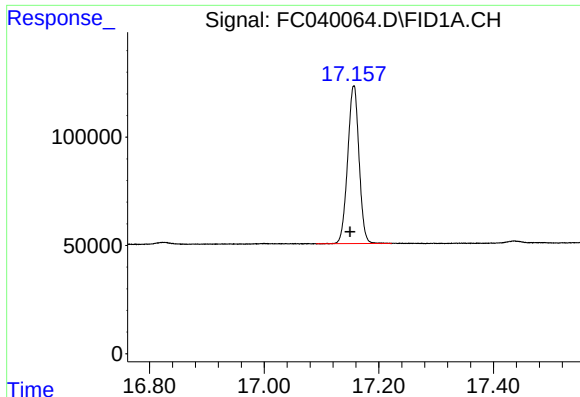
#15 n-Hexacosane (C26)

R.T.: 15.321 min
Delta R.T.: 0.005 min
Response: 997772
Conc: 10.23 ug/ml



#16 n-Octacosane (C28)

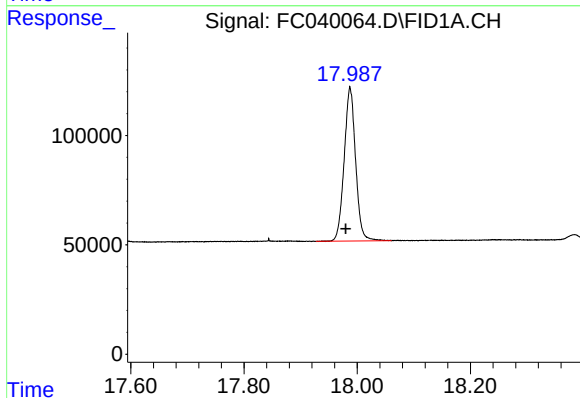
R.T.: 16.270 min
Delta R.T.: 0.005 min
Response: 999084
Conc: 10.33 ug/ml



#17 n-Tricontane (C30)

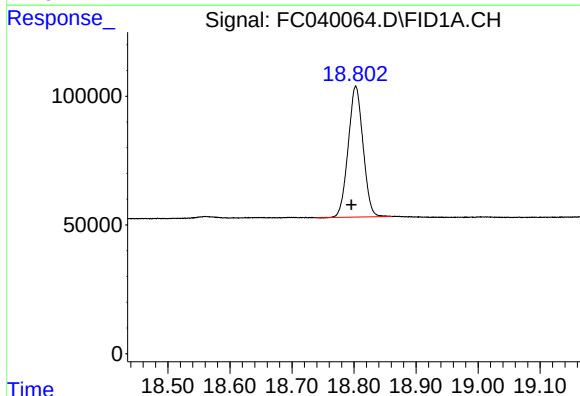
R.T.: 17.156 min
Delta R.T.: 0.007 min
Response: 1000443
Conc: 10.43 ug/ml

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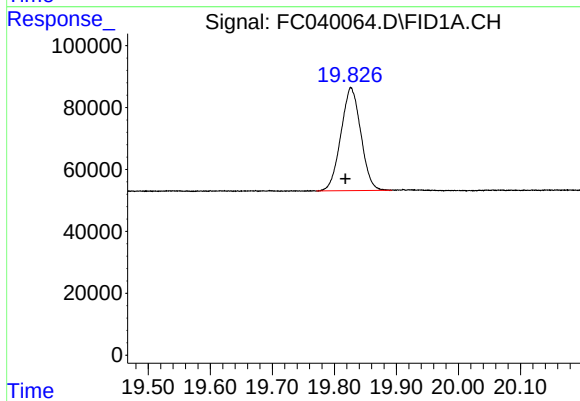
#18 n-Dotriacontane (C32)

R.T.: 17.987 min
Delta R.T.: 0.007 min
Response: 984041
Conc: 10.39 ug/ml



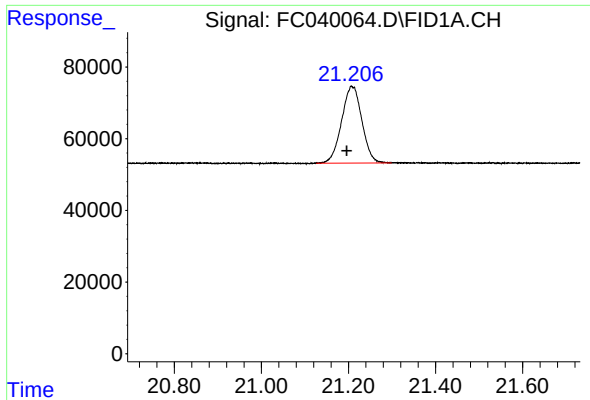
#19 n-Tetratriacontane (C34)

R.T.: 18.803 min
Delta R.T.: 0.007 min
Response: 844280
Conc: 10.22 ug/ml



#20 n-Hexatriacontane (C36)

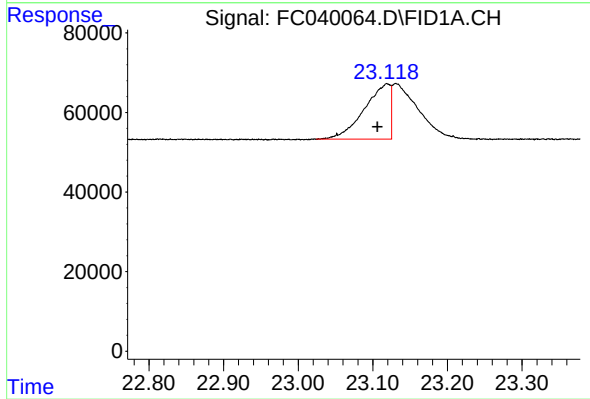
R.T.: 19.827 min
Delta R.T.: 0.009 min
Response: 742358
Conc: 10.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: 0.011 min
Response: 692360
Conc: 10.16 ug/ml

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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 23.119 min
Delta R.T.: 0.013 min
Response: 338210
Conc: 5.03 ug/ml