

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070120AL\
 Data File : FD033863.D
 Signal(s) : FID2B.CH
 Acq On : 02 Jul 2020 2:31
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 02 03:11:54 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 09:06:59 2020
 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)	11.455	2688154	18.809 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
12) S 1-chlorooctadecane (S...	12.885	2167144	18.431 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
Target Compounds			
1) T n-Nonane (C9)	3.277	2509955	20.362 ug/ml
2) T n-Decane (C10)	4.333	2546930	20.465 ug/ml
3) T A~Naphthalene (C11.7)	5.906	2665762	20.569 ug/ml
4) T n-Dodecane (C12)	6.336	2609123	20.449 ug/ml
5) T A~2-methylnaphthalene...	6.955	2713305	20.394 ug/ml
6) T n-Tetradecane (C14)	8.119	2608611	20.235 ug/ml
7) T n-Hexadecane (C16)	9.709	2545589	20.058 ug/ml
8) T n-Octadecane (C18)	11.142	2605599	19.503 ug/ml
10) T n-Eicosane (C20)	12.443	2564303	18.836 ug/ml
11) T n-Heneicosane (C21)	13.052	2525649	18.501 ug/ml
13) T n-Docosane (C22)	13.635	2486130	18.202 ug/ml
14) T n-Tetracosane (C24)	14.732	2397454	17.539 ug/ml
15) T n-Hexacosane (C26)	15.747	2290854	16.893 ug/ml
16) T n-Octacosane (C28)	16.691	2214536	16.350 ug/ml
17) T n-Tricontane (C30)	17.574	2111563	15.967 ug/ml
18) T n-Dotriacontane (C32)	18.402	1923326	15.856 ug/ml
19) T n-Tetratriacontane (C34)	19.180	1815851	15.945 ug/ml
20) T n-Hexatriacontane (C36)	19.916	1737489	16.307 ug/ml
21) T n-Octatriacontane (C38)	20.623	1688848	17.003 ug/ml
22) T n-Tetracontane (C40)	21.464	1760203	17.979 ug/ml

(f)=RT Delta > 1/2 Window

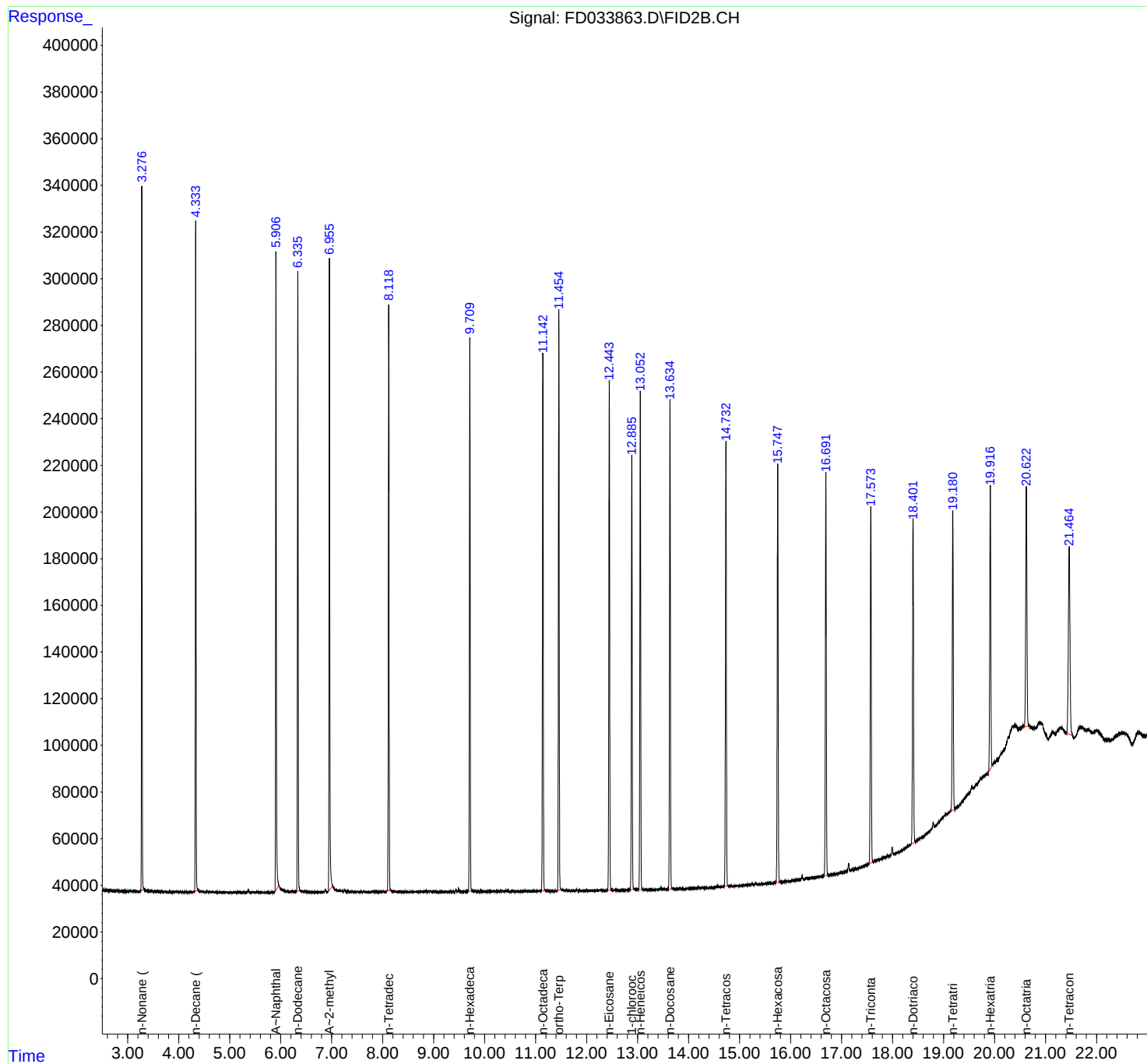
(m)=manual int.

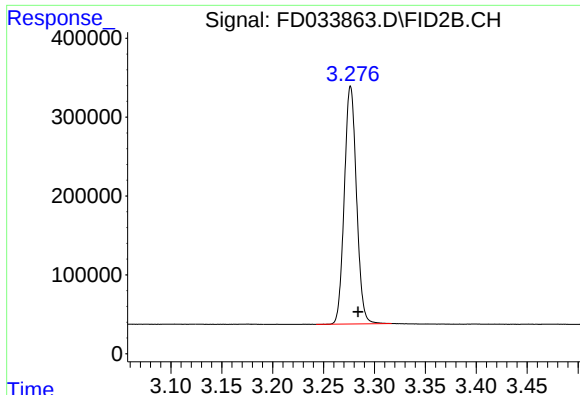
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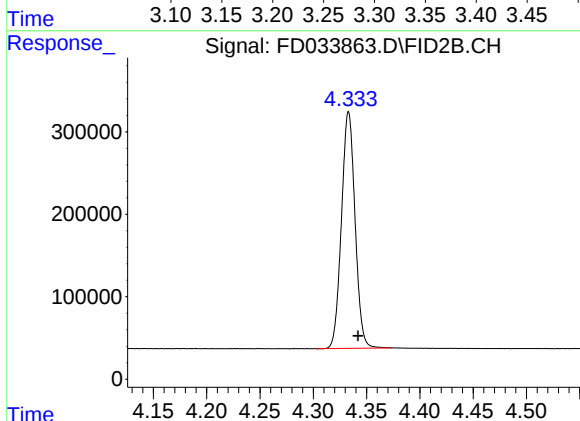




#1 n-Nonane (C9)

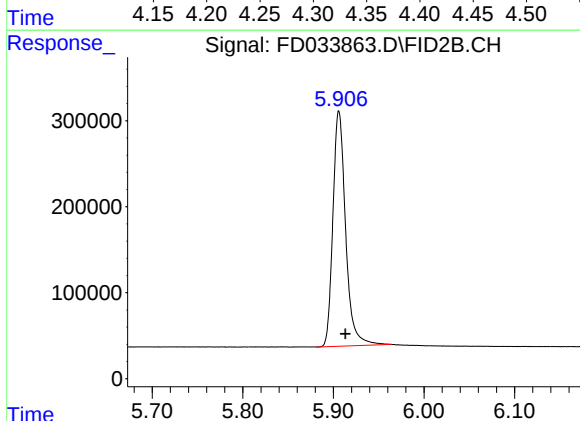
R.T.: 3.277 min
Delta R.T.: -0.007 min
Response: 2509955
Conc: 20.36 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



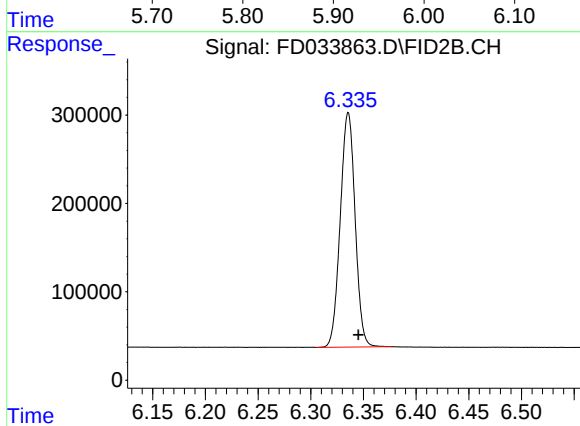
#2 n-Decane (C10)

R.T.: 4.333 min
Delta R.T.: -0.009 min
Response: 2546930
Conc: 20.47 ug/ml



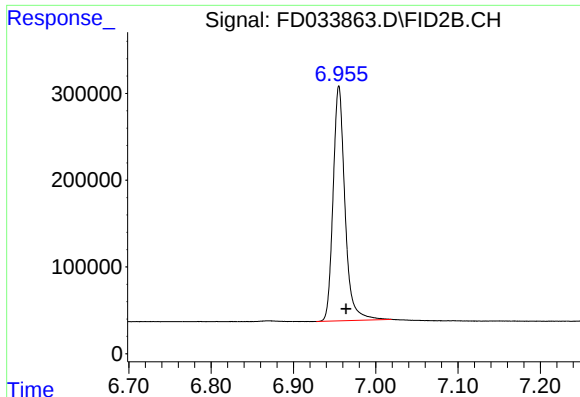
#3 A~Naphthalene (C11.7)

R.T.: 5.906 min
Delta R.T.: -0.007 min
Response: 2665762
Conc: 20.57 ug/ml



#4 n-Dodecane (C12)

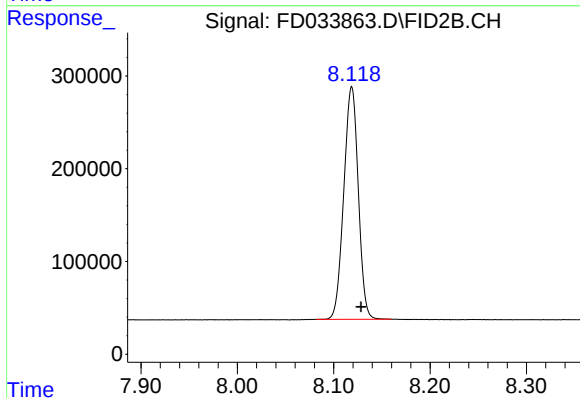
R.T.: 6.336 min
Delta R.T.: -0.010 min
Response: 2609123
Conc: 20.45 ug/ml



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

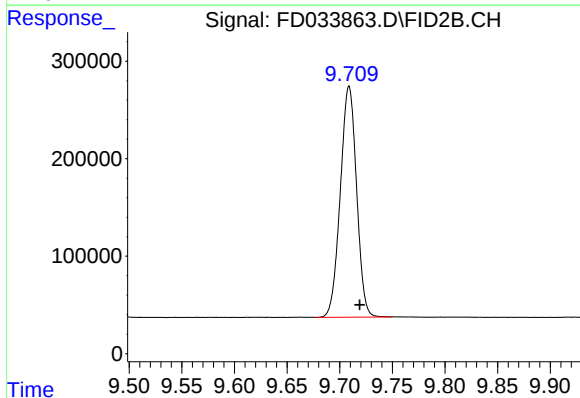
R.T.: 6.955 min
Delta R.T.: -0.009 min
Response: 2713305
Conc: 20.39 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



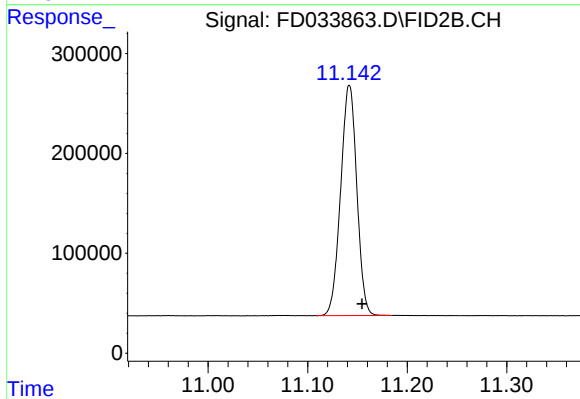
#6 n-Tetradecane (C14)

R.T.: 8.119 min
Delta R.T.: -0.010 min
Response: 2608611
Conc: 20.23 ug/ml



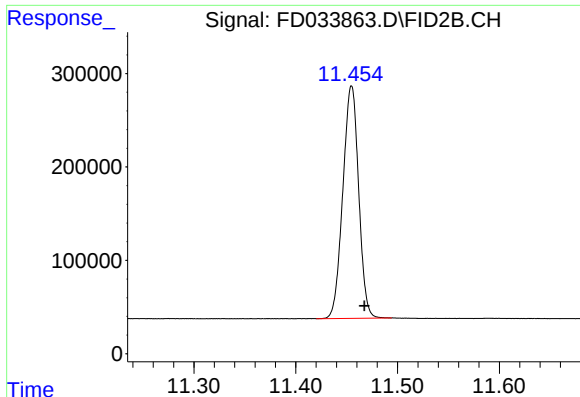
#7 n-Hexadecane (C16)

R.T.: 9.709 min
Delta R.T.: -0.010 min
Response: 2545589
Conc: 20.06 ug/ml



#8 n-Octadecane (C18)

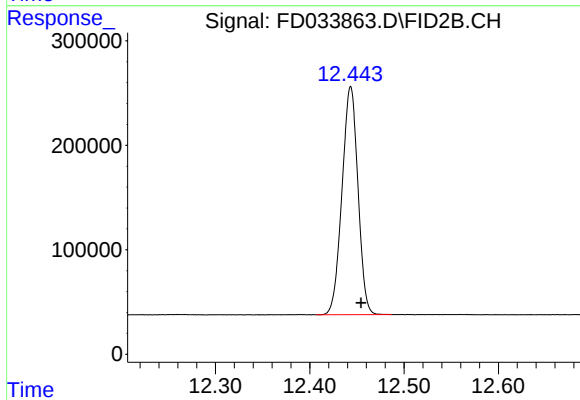
R.T.: 11.142 min
Delta R.T.: -0.013 min
Response: 2605599
Conc: 19.50 ug/ml



#9 ortho-Terphenyl (SURR)

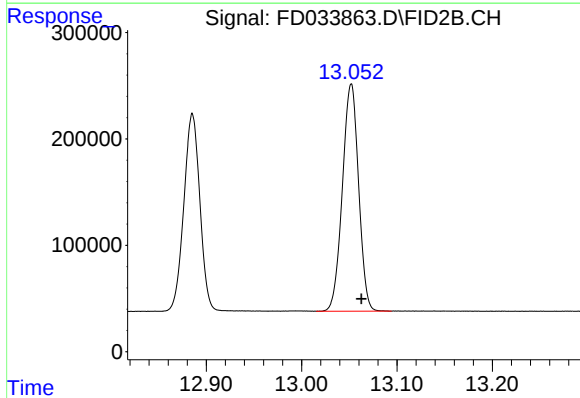
R.T.: 11.455 min
Delta R.T.: -0.013 min
Response: 2688154
Conc: 18.81 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



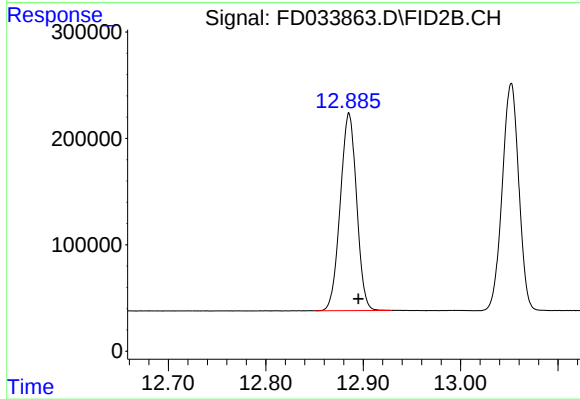
#10 n-Eicosane (C20)

R.T.: 12.443 min
Delta R.T.: -0.011 min
Response: 2564303
Conc: 18.84 ug/ml



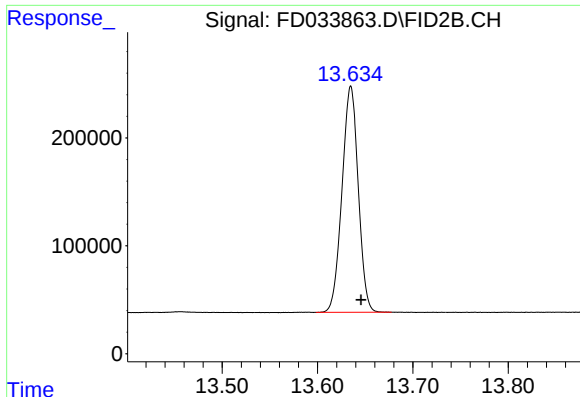
#11 n-Heneicosane (C21)

R.T.: 13.052 min
Delta R.T.: -0.011 min
Response: 2525649
Conc: 18.50 ug/ml



#12 1-chlorooctadecane (SURR)

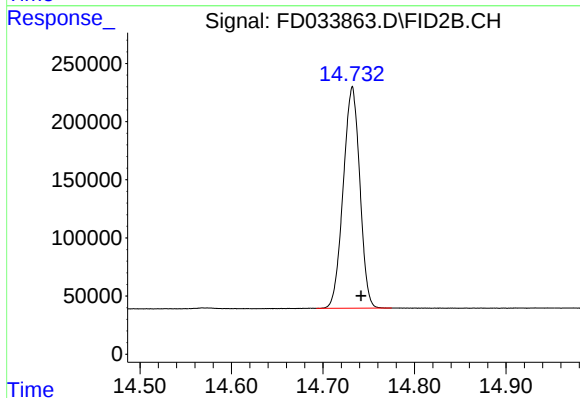
R.T.: 12.885 min
Delta R.T.: -0.010 min
Response: 2167144
Conc: 18.43 ug/ml



#13 n-Docosane (C22)

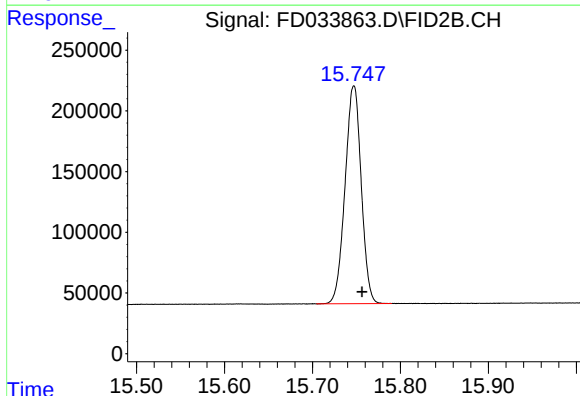
R.T.: 13.635 min
Delta R.T.: -0.011 min
Response: 2486130
Conc: 18.20 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



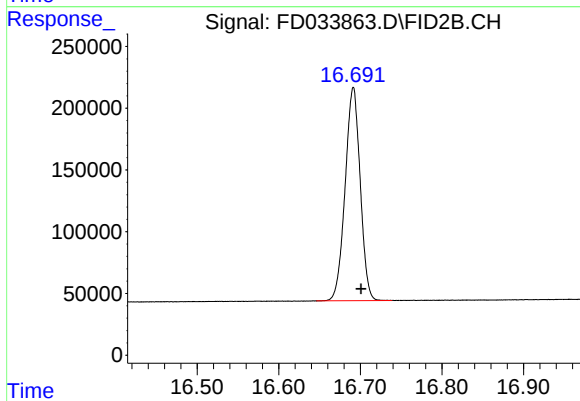
#14 n-Tetracosane (C24)

R.T.: 14.732 min
Delta R.T.: -0.010 min
Response: 2397454
Conc: 17.54 ug/ml



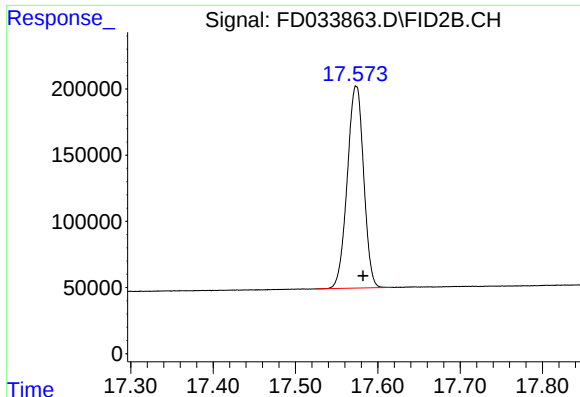
#15 n-Hexacosane (C26)

R.T.: 15.747 min
Delta R.T.: -0.009 min
Response: 2290854
Conc: 16.89 ug/ml



#16 n-Octacosane (C28)

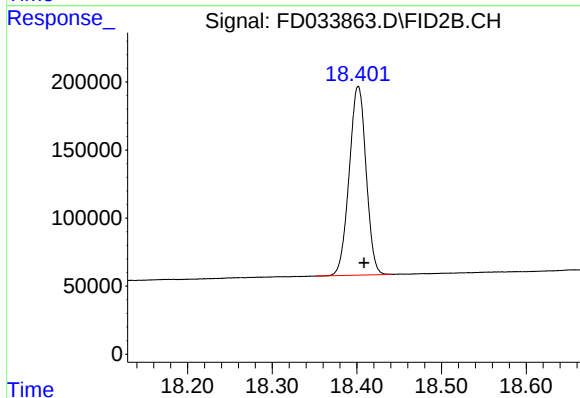
R.T.: 16.691 min
Delta R.T.: -0.009 min
Response: 2214536
Conc: 16.35 ug/ml



#17 n-Tricontane (C30)

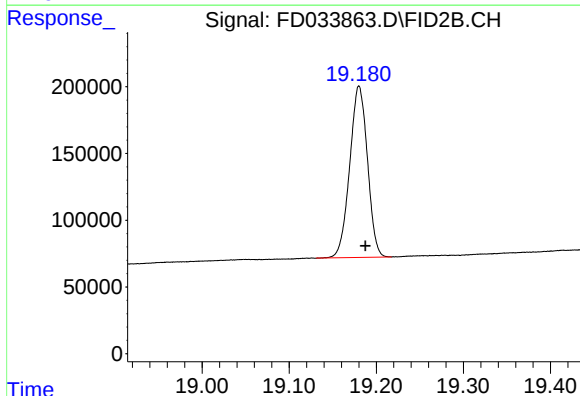
R.T.: 17.574 min
Delta R.T.: -0.008 min
Response: 2111563
Conc: 15.97 ug/ml

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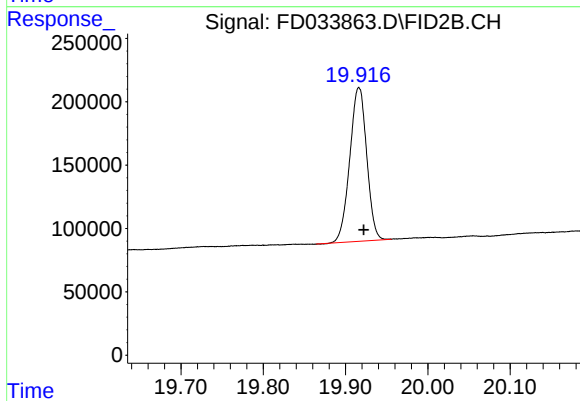
#18 n-Dotriacontane (C32)

R.T.: 18.402 min
Delta R.T.: -0.007 min
Response: 1923326
Conc: 15.86 ug/ml



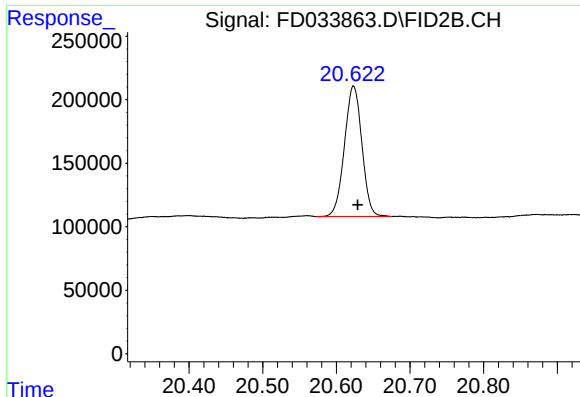
#19 n-Tetratriacontane (C34)

R.T.: 19.180 min
Delta R.T.: -0.008 min
Response: 1815851
Conc: 15.95 ug/ml



#20 n-Hexatriacontane (C36)

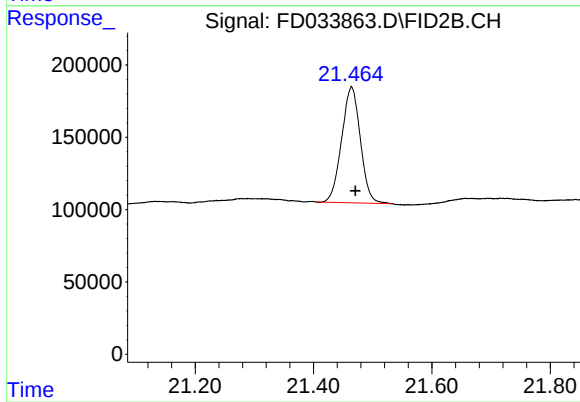
R.T.: 19.916 min
Delta R.T.: -0.006 min
Response: 1737489
Conc: 16.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.623 min
Delta R.T.: -0.006 min
Response: 1688848
Conc: 17.00 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.464 min
Delta R.T.: -0.007 min
Response: 1760203
Conc: 17.98 ug/ml