

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030323AL\
 Data File : FC063082.D
 Signal(s) : FID1A.ch
 Acq On : 03 Mar 2023 10:20
 Operator : YP/AJ
 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: Mar 03 22:58:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.532	2363853	18.211 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
12) S 1-chlorooctadecane (S...	12.971	1796154	18.413 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
Target Compounds			
1) T n-Nonane (C9)	3.297	2128272	17.951 ug/ml
2) T n-Decane (C10)	4.362	2101213	18.222 ug/ml
3) T A~Naphthalene (C11.7)	5.946	2320804	18.147 ug/ml
4) T n-Dodecane (C12)	6.381	2102554	18.208 ug/ml
5) T A~2-methylnaphthalene...	7.004	2160632	18.357 ug/ml
6) T n-Tetradecane (C14)	8.177	2059852	18.226 ug/ml
7) T n-Hexadecane (C16)	9.777	2116085	18.395 ug/ml
8) T n-Octadecane (C18)	11.219	2165145	18.589 ug/ml
10) T n-Eicosane (C20)	12.527	2114569	18.558 ug/ml
11) T n-Heneicosane (C21)	13.138	2110286	18.517 ug/ml
13) T n-Docosane (C22)	13.723	2119385	18.792 ug/ml
14) T n-Tetracosane (C24)	14.827	2199227	19.625 ug/ml
15) T n-Hexacosane (C26)	15.843	2287502	20.685 ug/ml
16) T n-Octacosane (C28)	16.793	2395295	21.769 ug/ml
17) T n-Tricontane (C30)	17.679	2564693	23.289 ug/ml
18) T n-Dotriacontane (C32)	18.510	2609136	23.378 ug/ml
19) T n-Tetratriacontane (C34)	19.292	2427181	21.717 ug/ml
20) T n-Hexatriacontane (C36)	20.030	2195233	20.222 ug/ml
21) T n-Octatriacontane (C38)	20.757	2115432	19.467 ug/ml
22) T n-Tetracontane (C40)	21.657	2072447	19.050 ug/ml

(f)=RT Delta > 1/2 Window

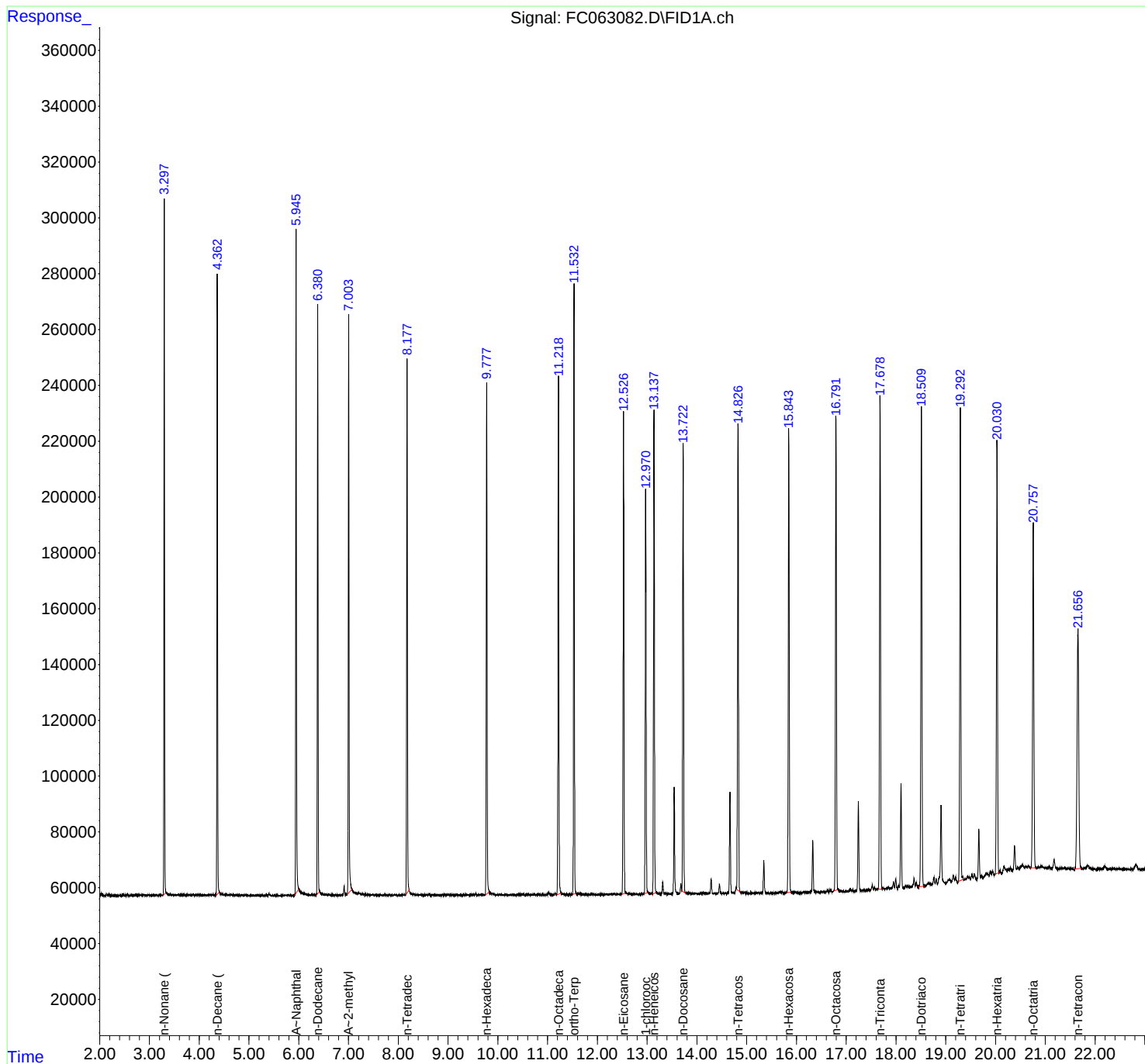
(m)=manual int.

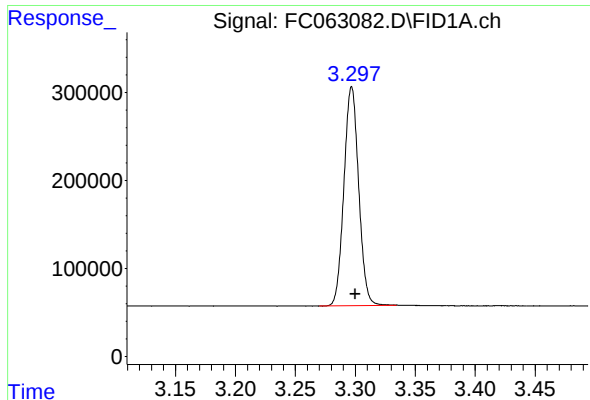
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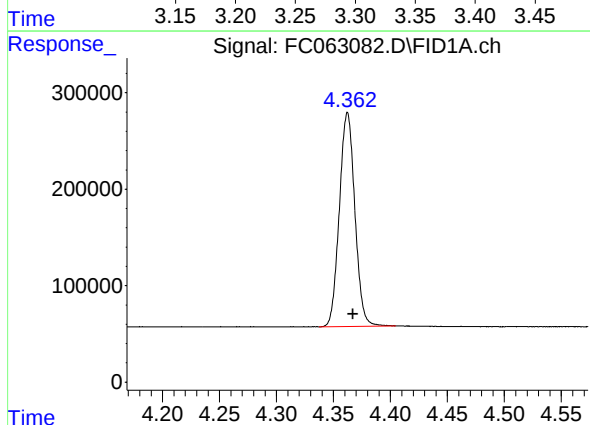




#1 n-Nonane (C9)

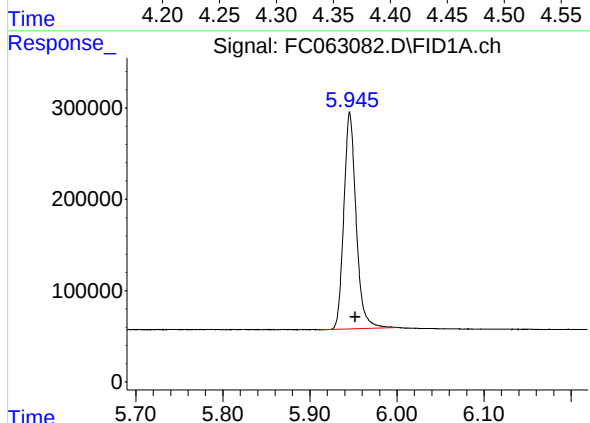
R.T.: 3.297 min
Delta R.T.: -0.003 min
Response: 2128272
Conc: 17.95 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



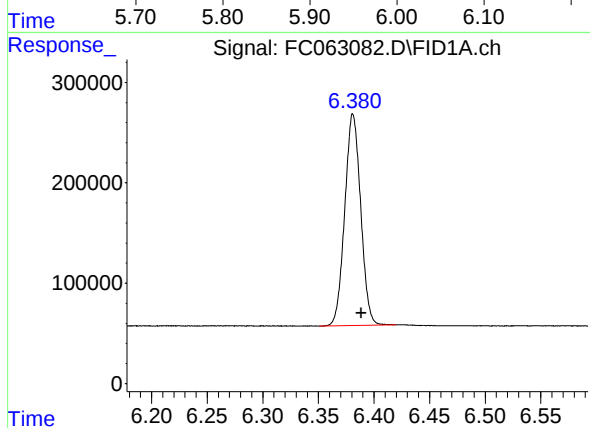
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 2101213
Conc: 18.22 ug/ml



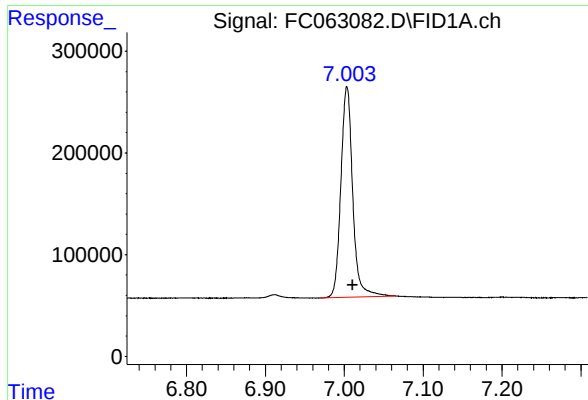
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 2320804
Conc: 18.15 ug/ml



#4 n-Dodecane (C12)

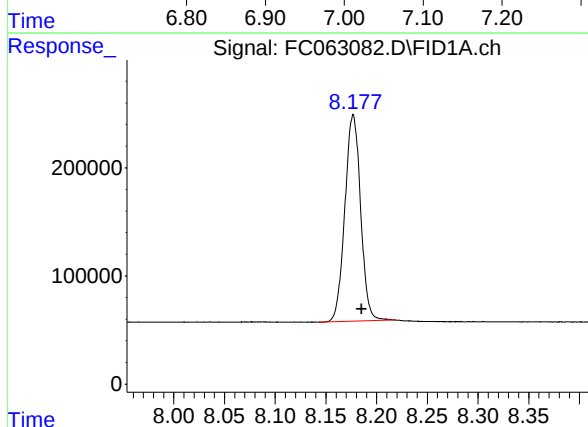
R.T.: 6.381 min
Delta R.T.: -0.008 min
Response: 2102554
Conc: 18.21 ug/ml



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

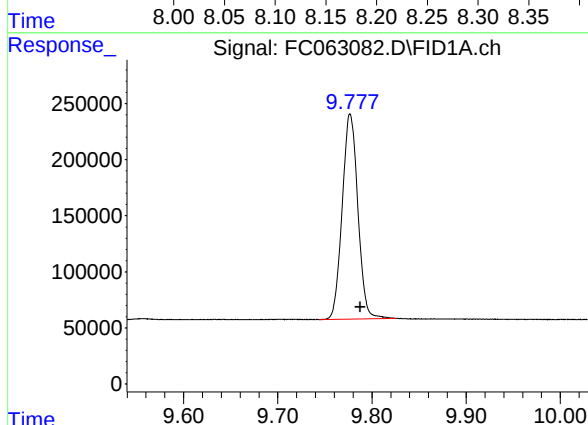
R.T.: 7.004 min
Delta R.T.: -0.007 min
Response: 2160632
Conc: 18.36 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



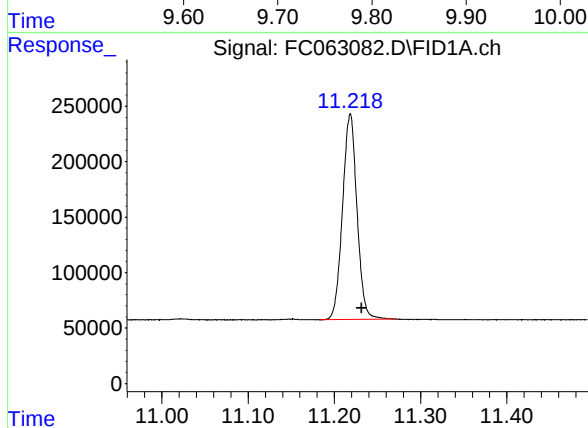
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.008 min
Response: 2059852
Conc: 18.23 ug/ml



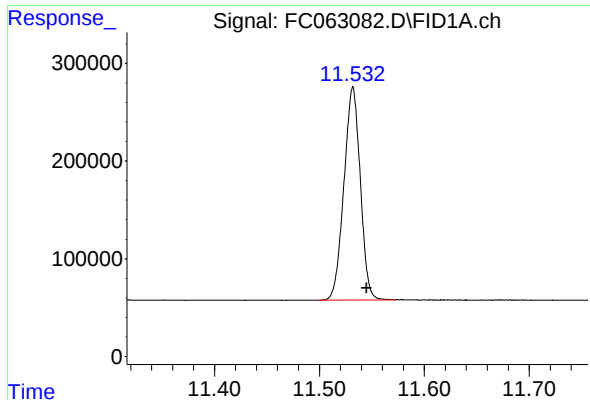
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: -0.011 min
Response: 2116085
Conc: 18.39 ug/ml



#8 n-Octadecane (C18)

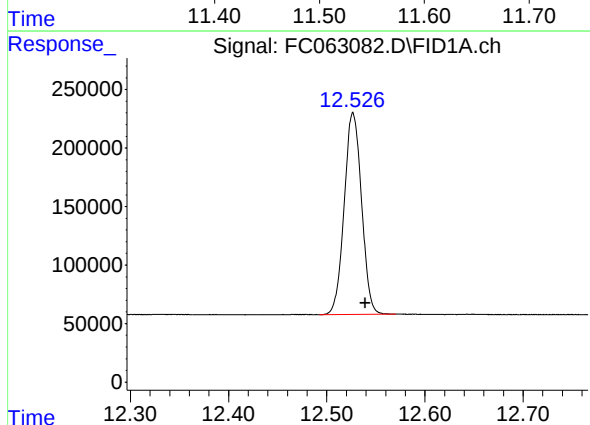
R.T.: 11.219 min
Delta R.T.: -0.013 min
Response: 2165145
Conc: 18.59 ug/ml



#9 ortho-Terphenyl (SURR)

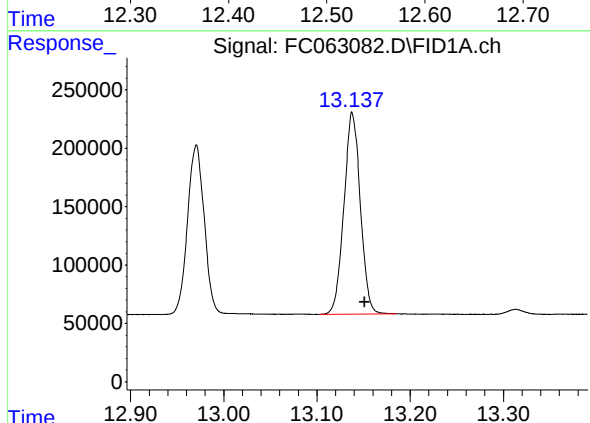
R.T.: 11.532 min
Delta R.T.: -0.013 min
Response: 2363853
Conc: 18.21 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



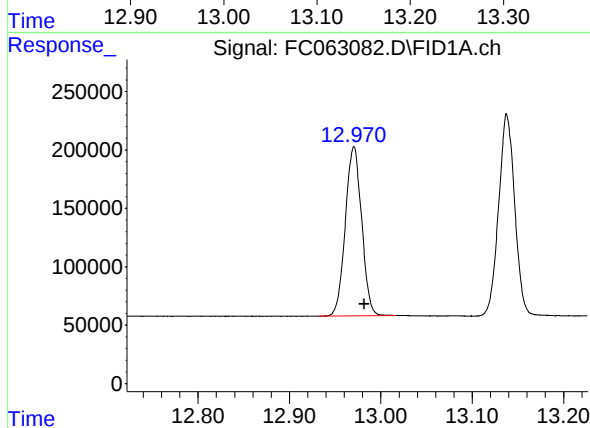
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: -0.013 min
Response: 2114569
Conc: 18.56 ug/ml



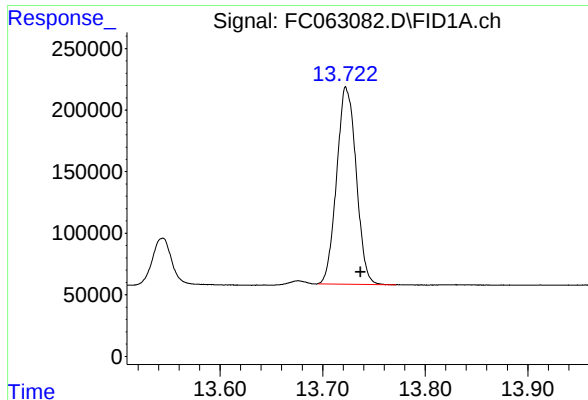
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.013 min
Response: 2110286
Conc: 18.52 ug/ml



#12 1-chlorooctadecane (SURR)

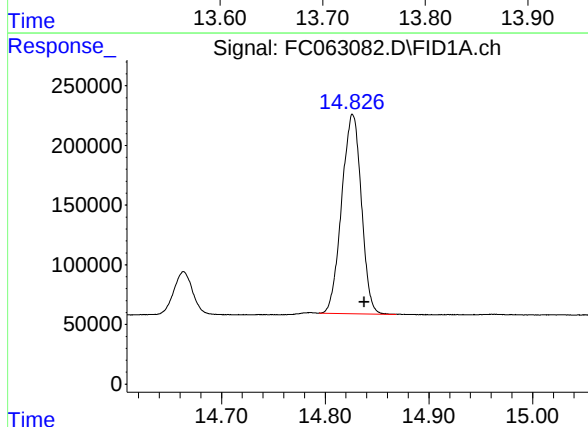
R.T.: 12.971 min
Delta R.T.: -0.011 min
Response: 1796154
Conc: 18.41 ug/ml



#13 n-Docosane (C22)

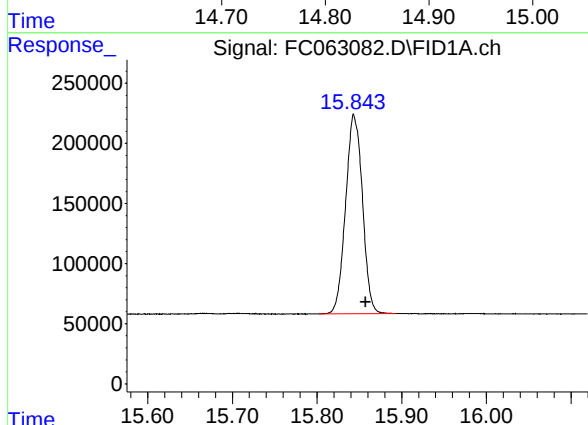
R.T.: 13.723 min
Delta R.T.: -0.014 min
Response: 2119385
Conc: 18.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



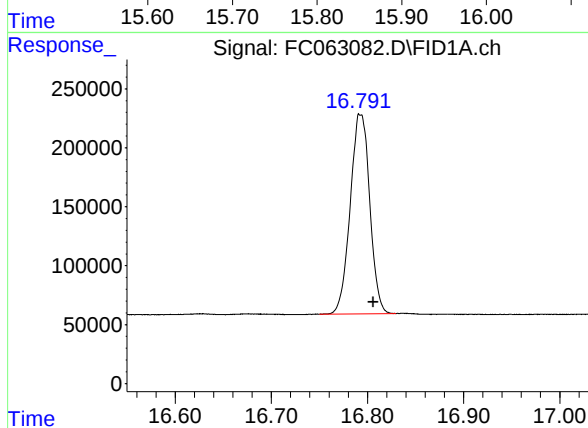
#14 n-Tetracosane (C24)

R.T.: 14.827 min
Delta R.T.: -0.011 min
Response: 2199227
Conc: 19.62 ug/ml



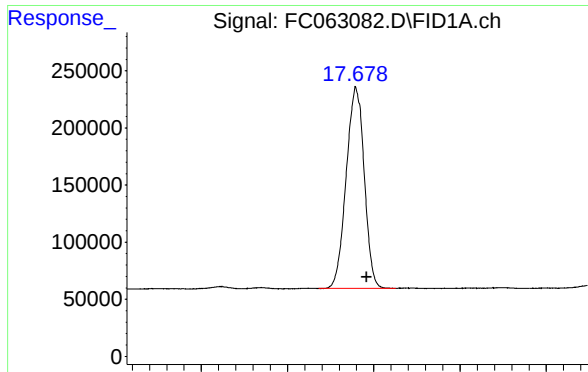
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: -0.014 min
Response: 2287502
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

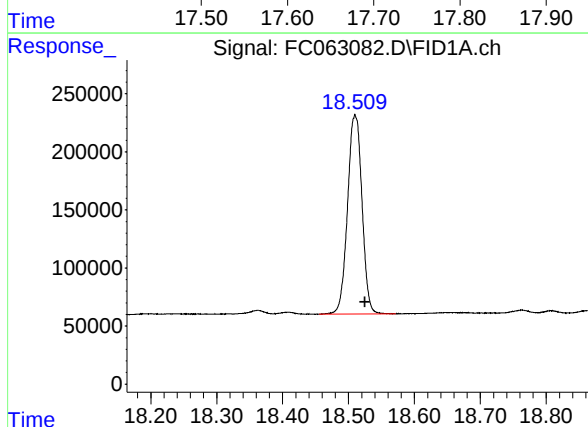
R.T.: 16.793 min
Delta R.T.: -0.013 min
Response: 2395295
Conc: 21.77 ug/ml



#17 n-Tricontane (C30)

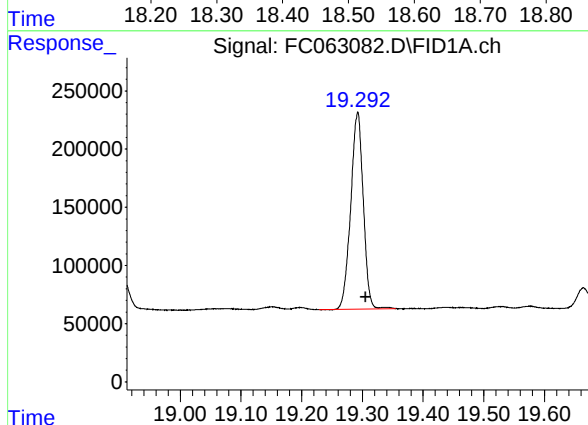
R.T.: 17.679 min
Delta R.T.: -0.013 min
Response: 2564693
Conc: 23.29 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



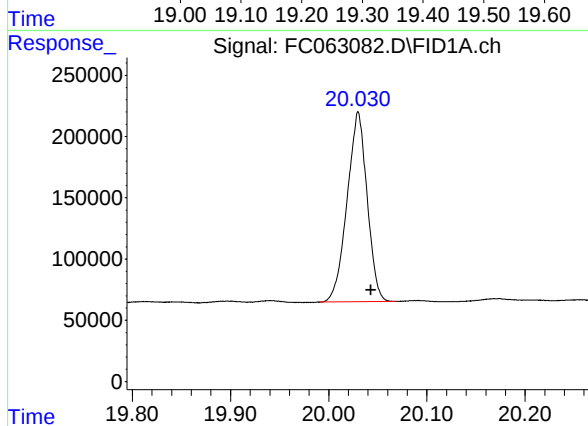
#18 n-Dotriacontane (C32)

R.T.: 18.510 min
Delta R.T.: -0.015 min
Response: 2609136
Conc: 23.38 ug/ml



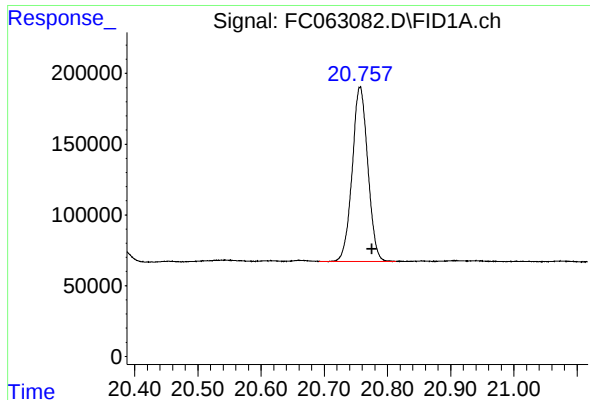
#19 n-Tetatriacontane (C34)

R.T.: 19.292 min
Delta R.T.: -0.013 min
Response: 2427181
Conc: 21.72 ug/ml



#20 n-Hexatriacontane (C36)

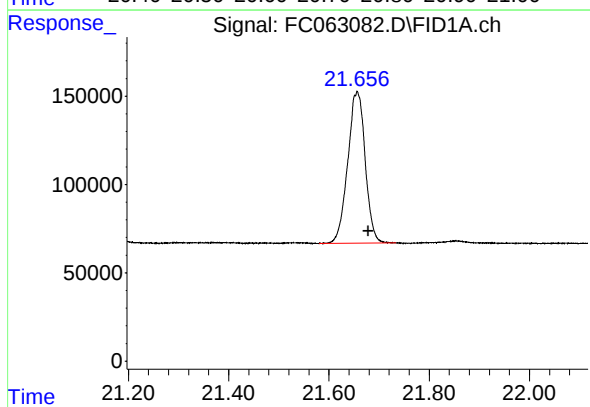
R.T.: 20.030 min
Delta R.T.: -0.013 min
Response: 2195233
Conc: 20.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.757 min
Delta R.T.: -0.019 min
Response: 2115432
Conc: 19.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.657 min
Delta R.T.: -0.022 min
Response: 2072447
Conc: 19.05 ug/ml