

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022023AL\
 Data File : FC062955.D
 Signal(s) : FID1A.ch
 Acq On : 21 Feb 2023 04:53
 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: Feb 21 05:37:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:11:29 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)	11.537	2350574	18.903 ug/ml
Spiked Amount 50.000		Recovery =	37.81%
12) S 1-chlorooctadecane (S...	12.977	1775420	18.824 ug/ml
Spiked Amount 50.000		Recovery =	37.65%
Target Compounds			
1) T n-Nonane (C9)	3.296	2159547	19.982 ug/ml
2) T n-Decane (C10)	4.364	2113239	20.340 ug/ml
3) T A~Naphthalene (C11.7)	5.948	2358488	19.942 ug/ml
4) T n-Dodecane (C12)	6.384	2114708	20.457 ug/ml
5) T A~2-methylnaphthalene...	7.005	2195128	20.063 ug/ml
6) T n-Tetradecane (C14)	8.180	2059072	20.071 ug/ml
7) T n-Hexadecane (C16)	9.781	2107173	19.476 ug/ml
8) T n-Octadecane (C18)	11.224	2123504	19.155 ug/ml
10) T n-Eicosane (C20)	12.532	2066692	18.955 ug/ml
11) T n-Heneicosane (C21)	13.145	2067399	18.994 ug/ml
13) T n-Docosane (C22)	13.731	2044053	18.973 ug/ml
14) T n-Tetracosane (C24)	14.832	2042276	19.069 ug/ml
15) T n-Hexacosane (C26)	15.850	2026442	19.229 ug/ml
16) T n-Octacosane (C28)	16.800	2017460	19.308 ug/ml
17) T n-Tricontane (C30)	17.684	2032649	19.466 ug/ml
18) T n-Dotriacontane (C32)	18.517	2067279	19.139 ug/ml
19) T n-Tetratriacontane (C34)	19.299	2062350	19.621 ug/ml
20) T n-Hexatriacontane (C36)	20.036	1995603	19.816 ug/ml
21) T n-Octatriacontane (C38)	20.767	2004406	19.964 ug/ml
22) T n-Tetracontane (C40)	21.669	1999140	20.741 ug/ml

(f)=RT Delta > 1/2 Window

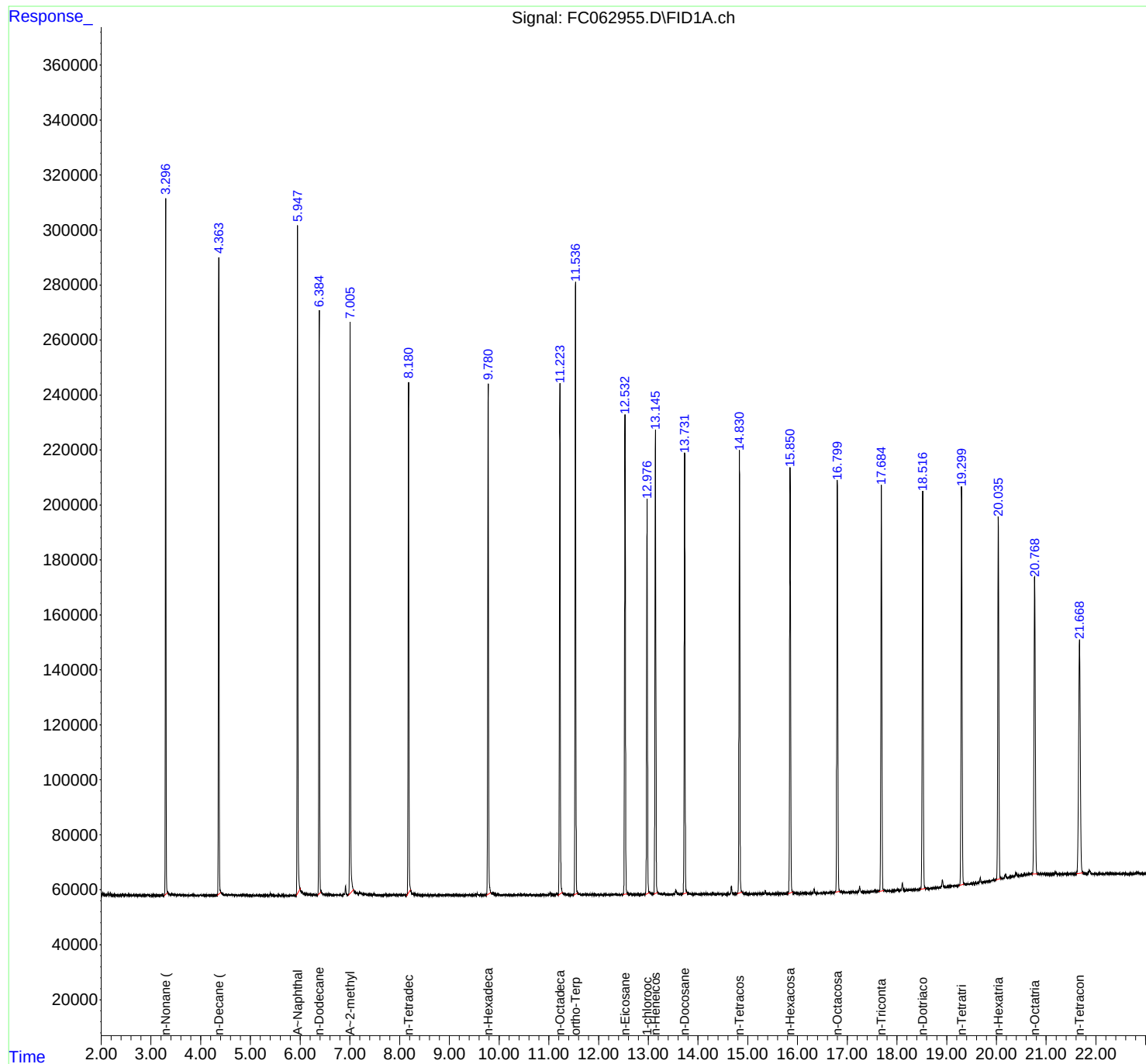
(m)=manual int.

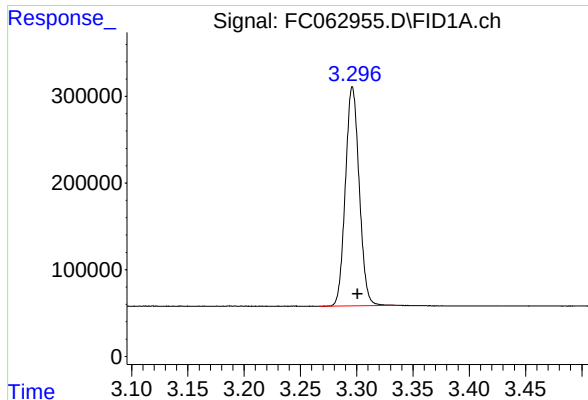
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022023AL\
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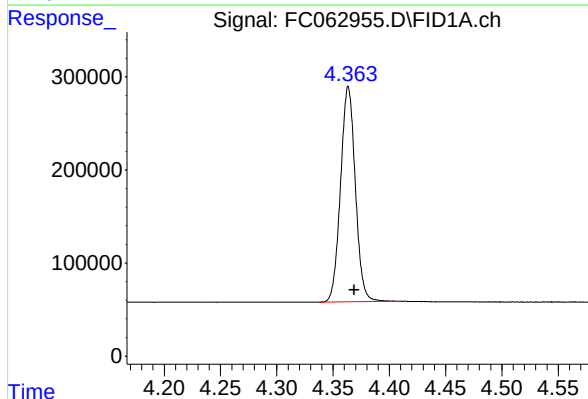




#1 n-Nonane (C9)

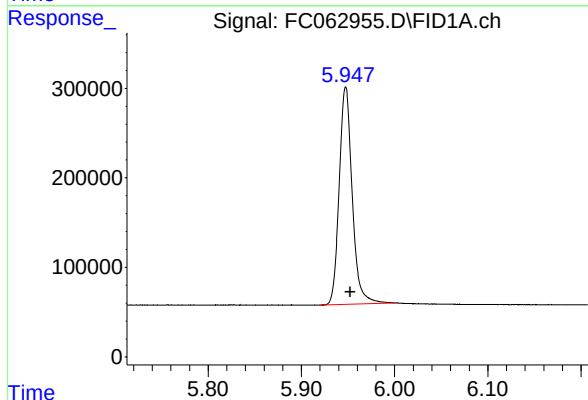
R.T.: 3.296 min
Delta R.T.: -0.005 min
Response: 2159547
Conc: 19.98 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



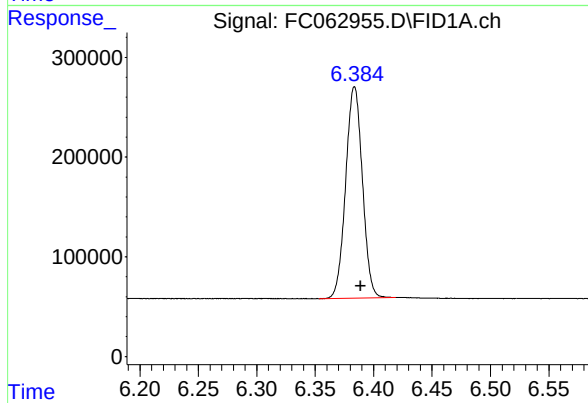
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 2113239
Conc: 20.34 ug/ml



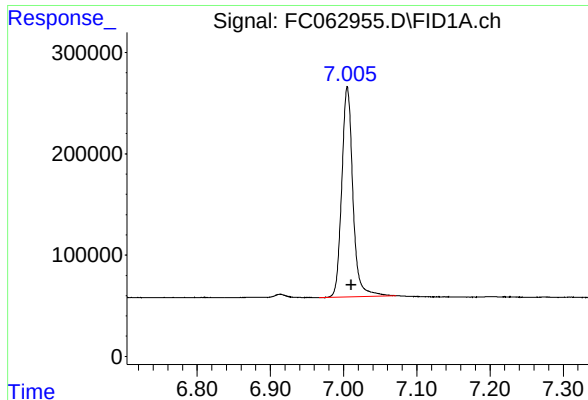
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.005 min
Response: 2358488
Conc: 19.94 ug/ml



#4 n-Dodecane (C12)

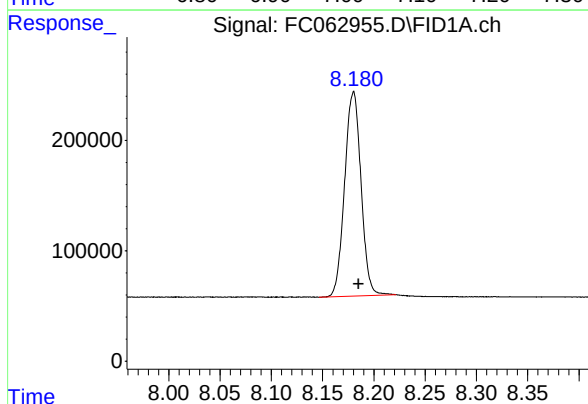
R.T.: 6.384 min
Delta R.T.: -0.005 min
Response: 2114708
Conc: 20.46 ug/ml



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

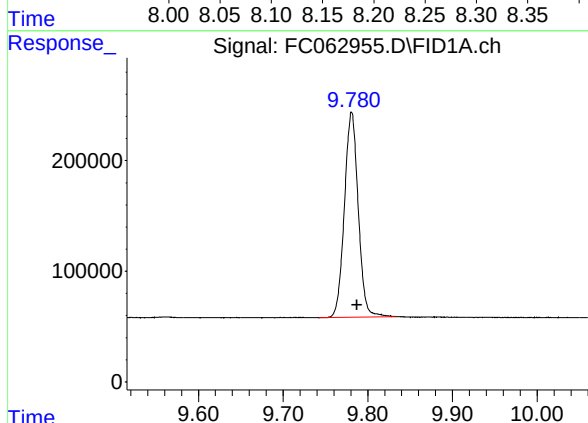
R.T.: 7.005 min
Delta R.T.: -0.006 min
Response: 2195128
Conc: 20.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



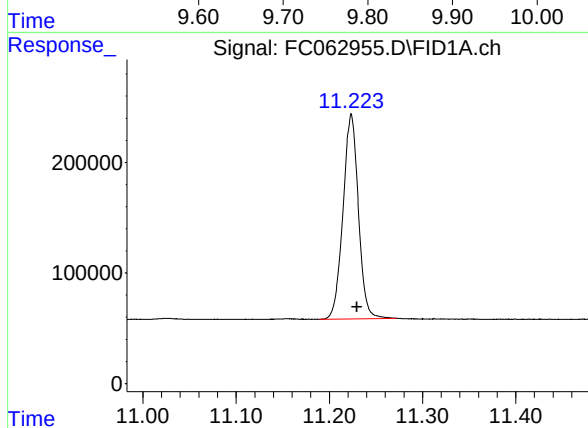
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.005 min
Response: 2059072
Conc: 20.07 ug/ml



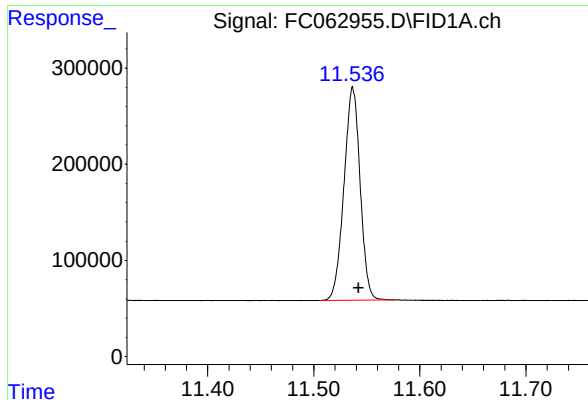
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: -0.006 min
Response: 2107173
Conc: 19.48 ug/ml



#8 n-Octadecane (C18)

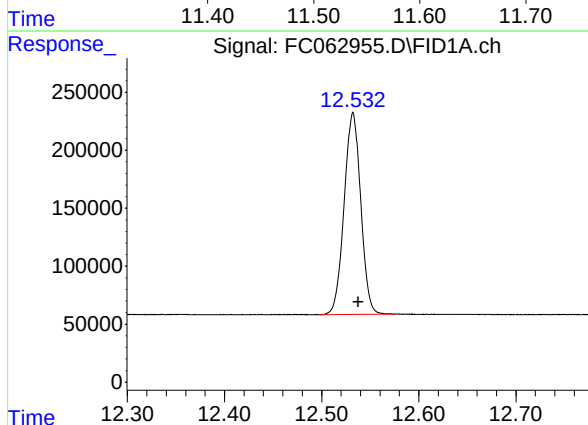
R.T.: 11.224 min
Delta R.T.: -0.006 min
Response: 2123504
Conc: 19.15 ug/ml



#9 ortho-Terphenyl (SURR)

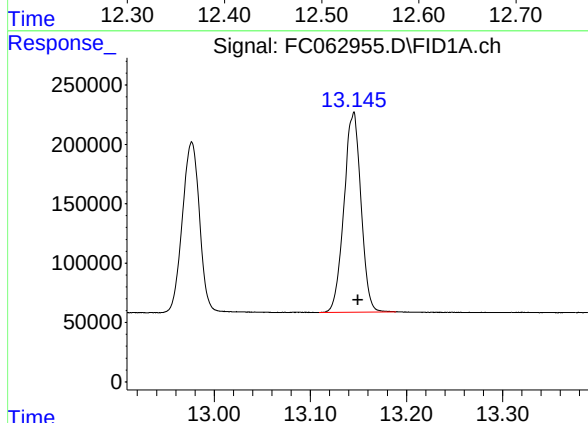
R.T.: 11.537 min
Delta R.T.: -0.006 min
Response: 2350574
Conc: 18.90 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



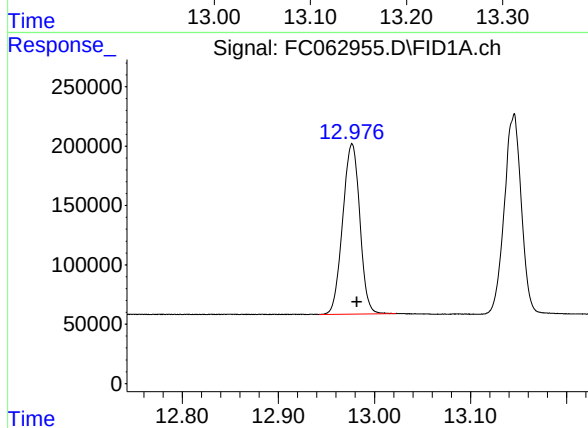
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: -0.005 min
Response: 2066692
Conc: 18.96 ug/ml



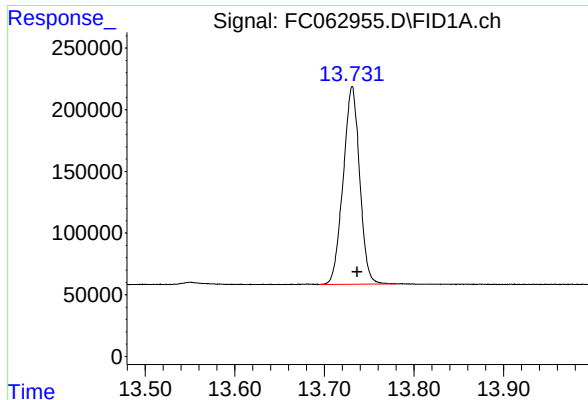
#11 n-Heneicosane (C21)

R.T.: 13.145 min
Delta R.T.: -0.005 min
Response: 2067399
Conc: 18.99 ug/ml



#12 1-chlorooctadecane (SURR)

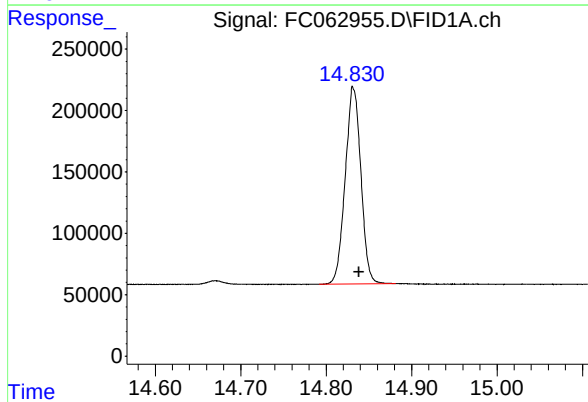
R.T.: 12.977 min
Delta R.T.: -0.005 min
Response: 1775420
Conc: 18.82 ug/ml



#13 n-Docosane (C22)

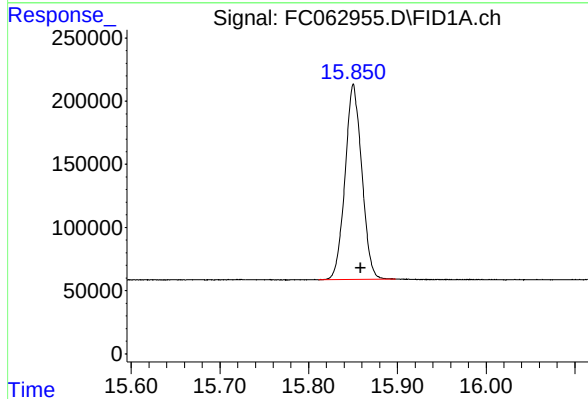
R.T.: 13.731 min
Delta R.T.: -0.005 min
Response: 2044053
Conc: 18.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



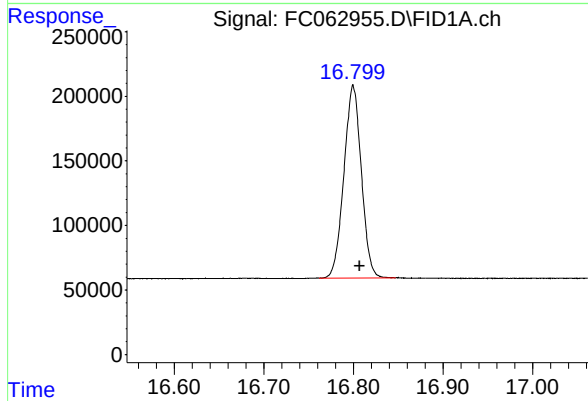
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.007 min
Response: 2042276
Conc: 19.07 ug/ml



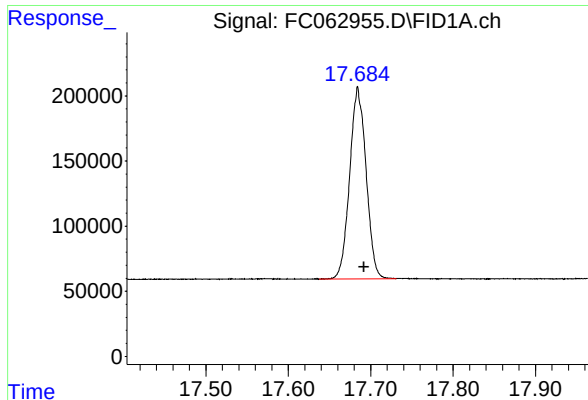
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: -0.009 min
Response: 2026442
Conc: 19.23 ug/ml



#16 n-Octacosane (C28)

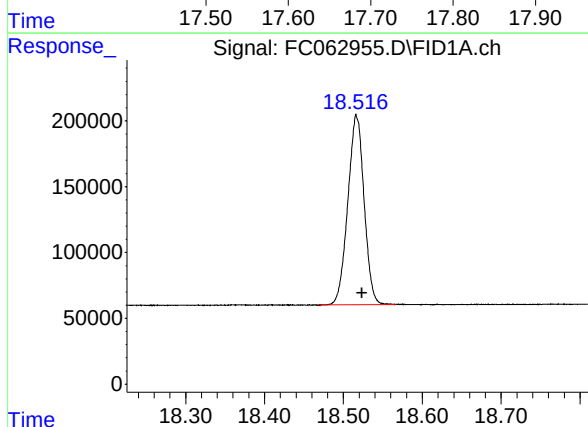
R.T.: 16.800 min
Delta R.T.: -0.007 min
Response: 2017460
Conc: 19.31 ug/ml



#17 n-Tricontane (C30)

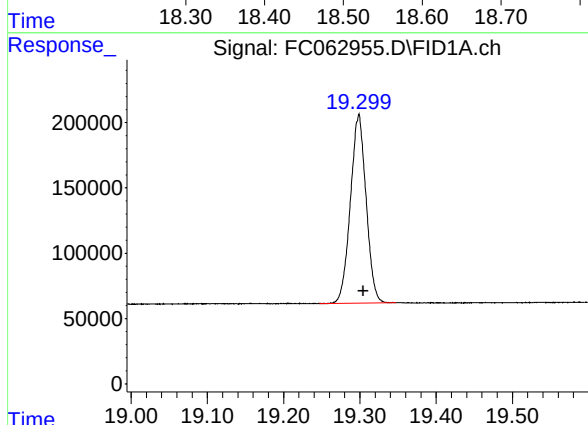
R.T.: 17.684 min
Delta R.T.: -0.008 min
Response: 2032649
Conc: 19.47 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



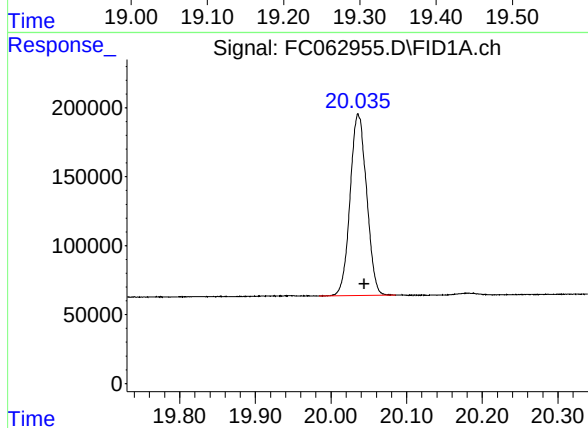
#18 n-Dotriacontane (C32)

R.T.: 18.517 min
Delta R.T.: -0.007 min
Response: 2067279
Conc: 19.14 ug/ml



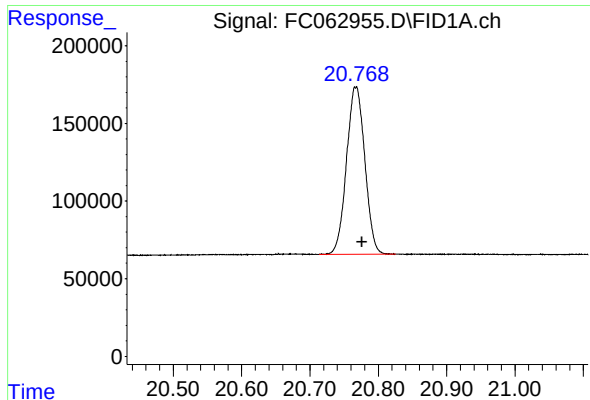
#19 n-Tetatriacontane (C34)

R.T.: 19.299 min
Delta R.T.: -0.006 min
Response: 2062350
Conc: 19.62 ug/ml



#20 n-Hexatriacontane (C36)

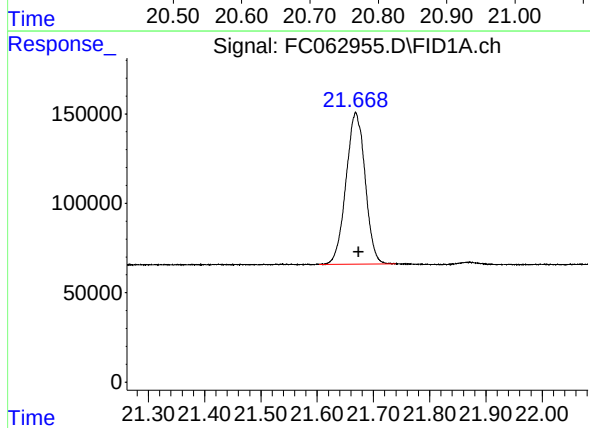
R.T.: 20.036 min
Delta R.T.: -0.008 min
Response: 1995603
Conc: 19.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.767 min
Delta R.T.: -0.009 min
Response: 2004406
Conc: 19.96 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.669 min
Delta R.T.: -0.005 min
Response: 1999140
Conc: 20.74 ug/ml