

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
 Data File : FC057704.D
 Signal(s) : FID1A.CH
 Acq On : 05 Jan 2022 9:31
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jan 05 11:41:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 11:32:01 2022
 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)	10.730	18946324	96.817 ug/ml
Spiked Amount 50.000		Recovery =	193.63%
12) S 1-chlorooctadecane (S...	12.164	14506772	96.560 ug/ml
Spiked Amount 50.000		Recovery =	193.12%
Target Compounds			
1) T n-Nonane (C9)	2.650	15621251	97.147 ug/ml
2) T n-Decane (C10)	3.642	15801490	97.301 ug/ml
3) T A~Naphthalene (C11.7)	5.181	17835727	96.933 ug/ml
4) T n-Dodecane (C12)	5.615	15874187	97.467 ug/ml
5) T A~2-methylnaphthalene...	6.223	18083897	97.675 ug/ml
6) T n-Tetradecane (C14)	7.396	16271209	97.386 ug/ml
7) T n-Hexadecane (C16)	8.987	16432038	97.134 ug/ml
8) T n-Octadecane (C18)	10.424	16882021	96.777 ug/ml
10) T n-Eicosane (C20)	11.724	16722515	96.229 ug/ml
11) T n-Heneicosane (C21)	12.334	16872011	96.092 ug/ml
13) T n-Docosane (C22)	12.918	16719906	95.564 ug/ml
14) T n-Tetracosane (C24)	14.015	16774005	96.120 ug/ml
15) T n-Hexacosane (C26)	15.032	16180907	95.444 ug/ml
16) T n-Octacosane (C28)	15.979	15780185	95.573 ug/ml
17) T n-Tricontane (C30)	16.864	15088816	96.188 ug/ml
18) T n-Dotriacontane (C32)	17.693	13589989	96.943 ug/ml
19) T n-Tetratriacontane (C34)	18.473	12259121	98.062 ug/ml
20) T n-Hexatriacontane (C36)	19.210	10978803	98.231 ug/ml
21) T n-Octatriacontane (C38)	19.916	10303120	97.268 ug/ml
22) T n-Tetracontane (C40)	20.747	10176530	100.628 ug/ml

(f)=RT Delta > 1/2 Window

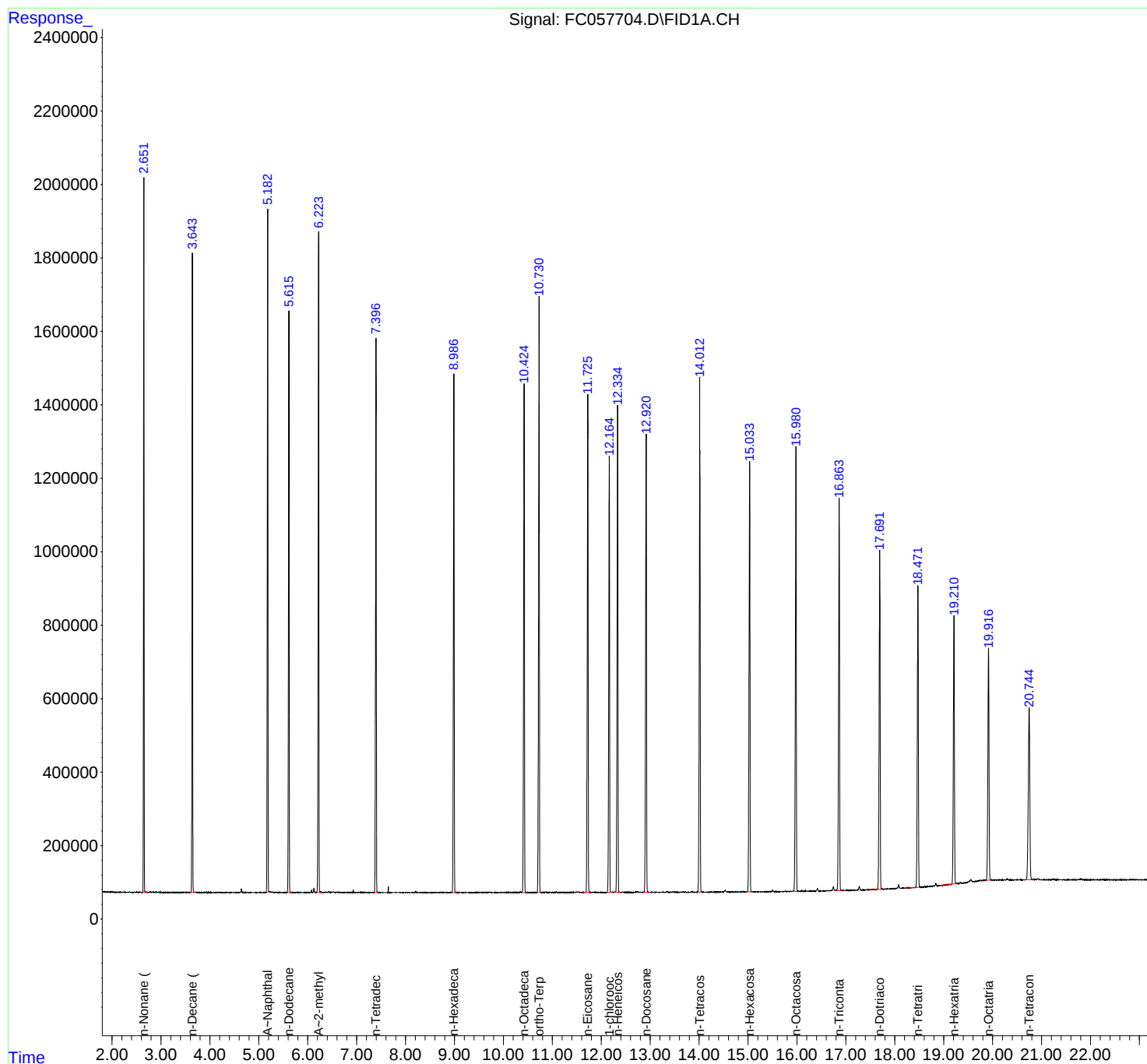
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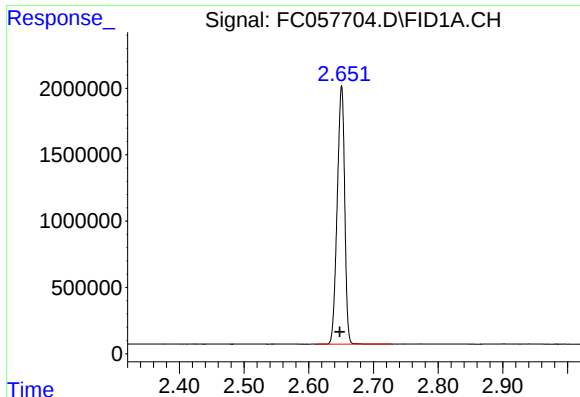
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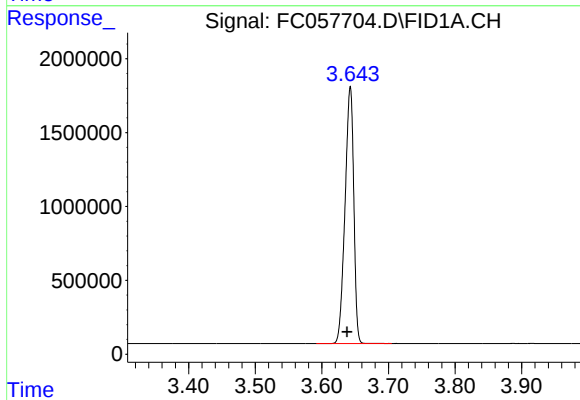




#1 n-Nonane (C9)

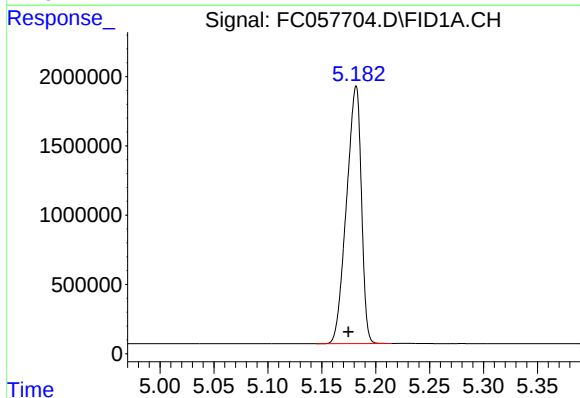
R.T.: 2.650 min
Delta R.T.: 0.002 min
Response: 15621251
Conc: 97.15 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



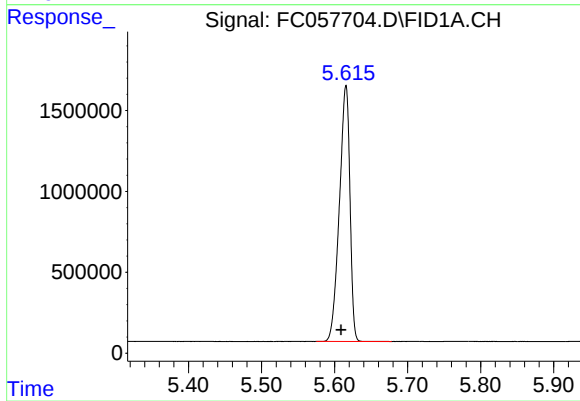
#2 n-Decane (C10)

R.T.: 3.642 min
Delta R.T.: 0.004 min
Response: 15801490
Conc: 97.30 ug/ml



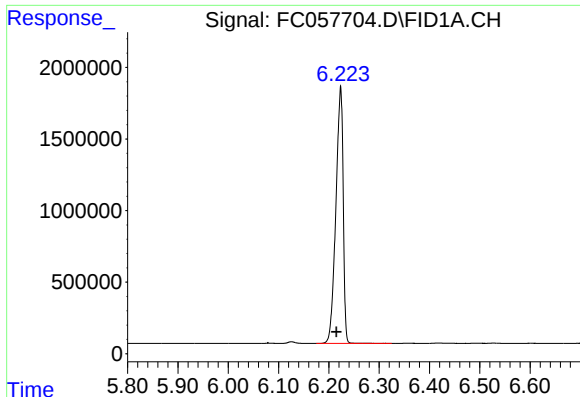
#3 A~Naphthalene (C11.7)

R.T.: 5.181 min
Delta R.T.: 0.006 min
Response: 17835727
Conc: 96.93 ug/ml



#4 n-Dodecane (C12)

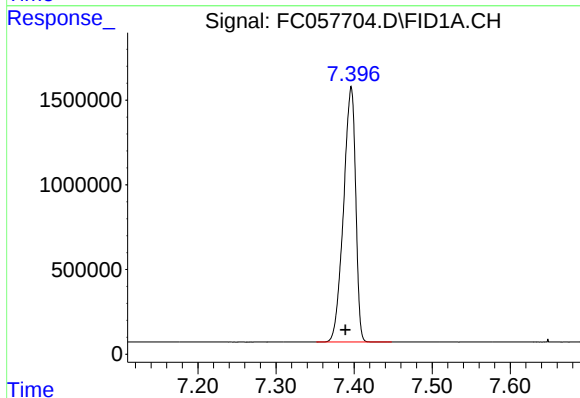
R.T.: 5.615 min
Delta R.T.: 0.006 min
Response: 15874187
Conc: 97.47 ug/ml



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

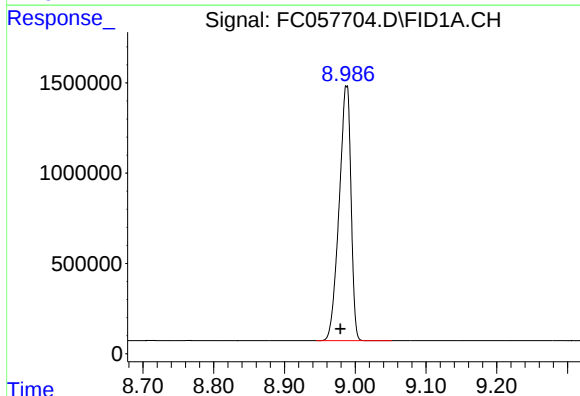
R.T.: 6.223 min
Delta R.T.: 0.008 min
Response: 18083897
Conc: 97.67 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



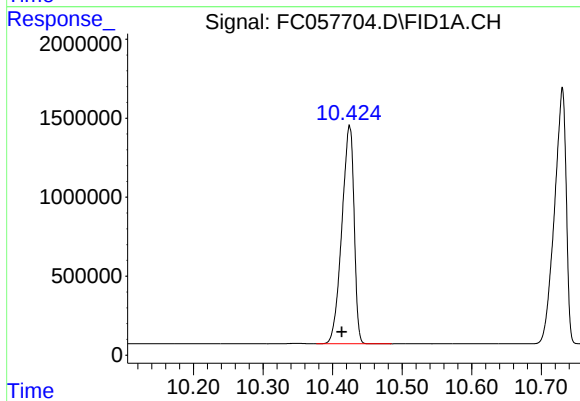
#6 n-Tetradecane (C14)

R.T.: 7.396 min
Delta R.T.: 0.007 min
Response: 16271209
Conc: 97.39 ug/ml



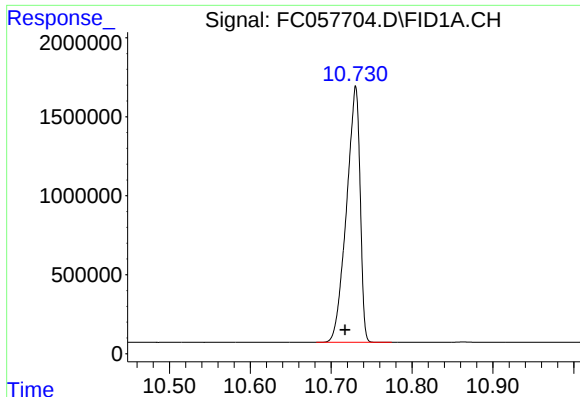
#7 n-Hexadecane (C16)

R.T.: 8.987 min
Delta R.T.: 0.008 min
Response: 16432038
Conc: 97.13 ug/ml



#8 n-Octadecane (C18)

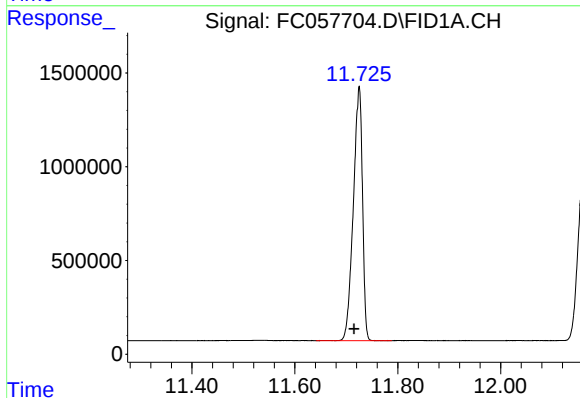
R.T.: 10.424 min
Delta R.T.: 0.011 min
Response: 16882021
Conc: 96.78 ug/ml



#9 ortho-Terphenyl (SURR)

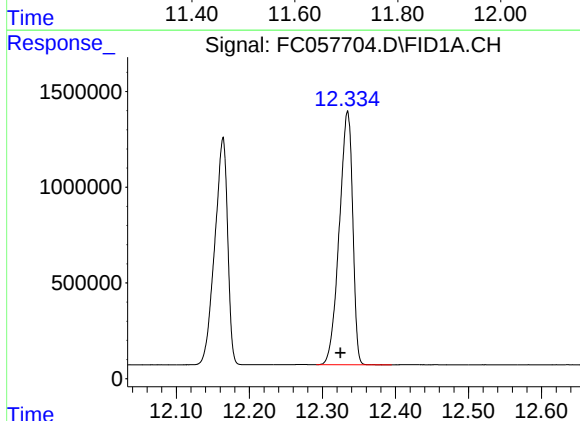
R.T.: 10.730 min
Delta R.T.: 0.012 min
Response: 18946324
Conc: 96.82 ug/ml

Instrument :
FID_C
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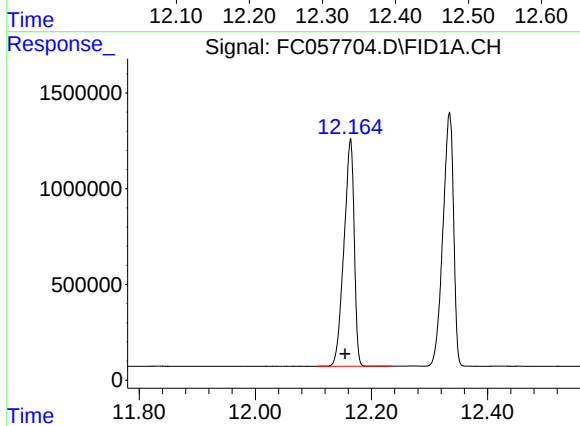
#10 n-Eicosane (C20)

R.T.: 11.724 min
Delta R.T.: 0.009 min
Response: 16722515
Conc: 96.23 ug/ml



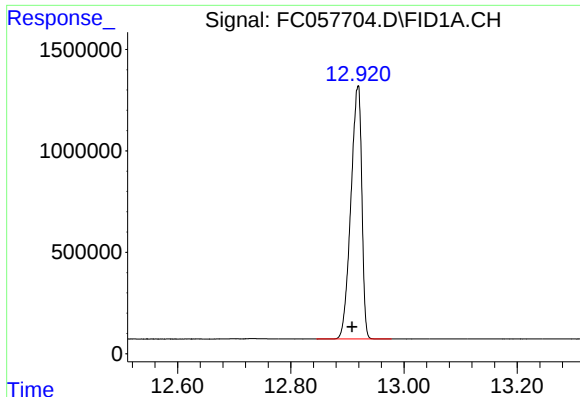
#11 n-Heneicosane (C21)

R.T.: 12.334 min
Delta R.T.: 0.010 min
Response: 16872011
Conc: 96.09 ug/ml



#12 1-chlorooctadecane (SURR)

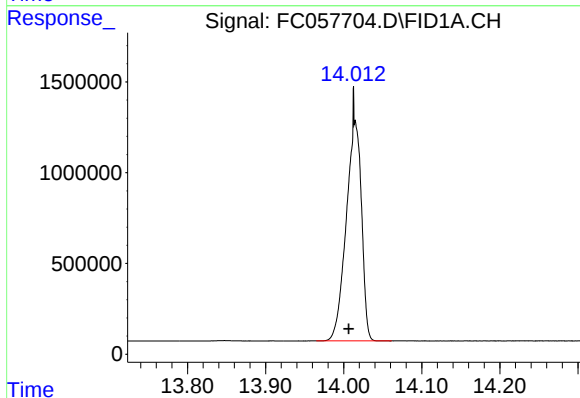
R.T.: 12.164 min
Delta R.T.: 0.009 min
Response: 14506772
Conc: 96.56 ug/ml



#13 n-Docosane (C22)

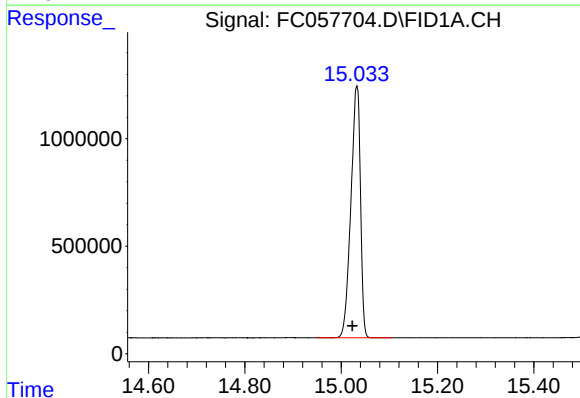
R.T.: 12.918 min
Delta R.T.: 0.010 min
Response: 16719906
Conc: 95.56 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



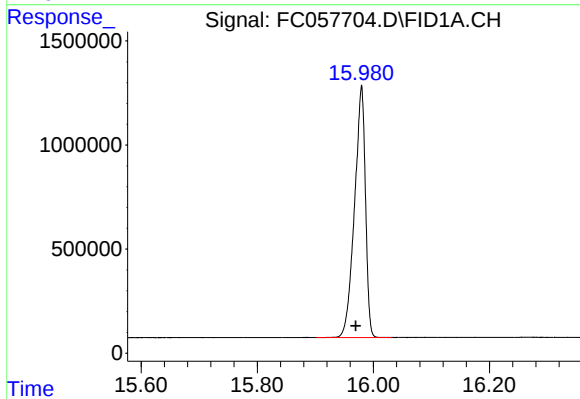
#14 n-Tetracosane (C24)

R.T.: 14.015 min
Delta R.T.: 0.008 min
Response: 16774005
Conc: 96.12 ug/ml



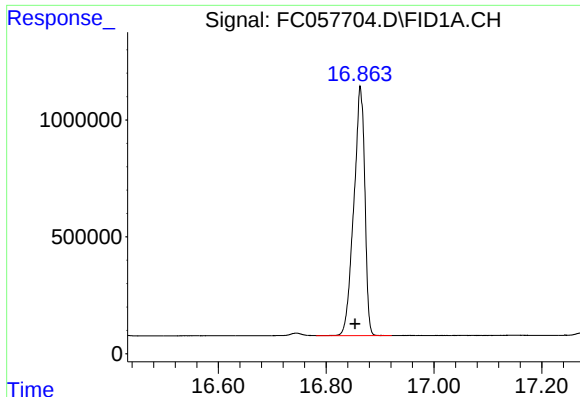
#15 n-Hexacosane (C26)

R.T.: 15.032 min
Delta R.T.: 0.009 min
Response: 16180907
Conc: 95.44 ug/ml



#16 n-Octacosane (C28)

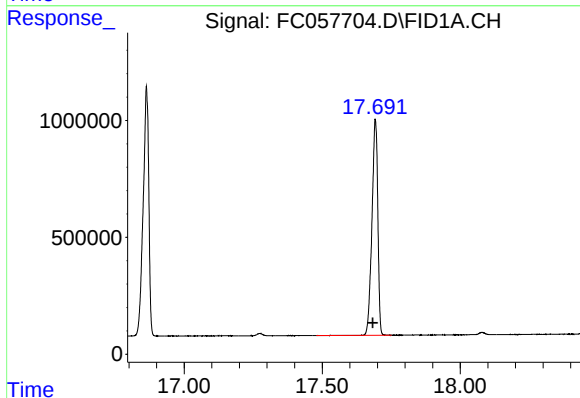
R.T.: 15.979 min
Delta R.T.: 0.010 min
Response: 15780185
Conc: 95.57 ug/ml



#17 n-Tricontane (C30)

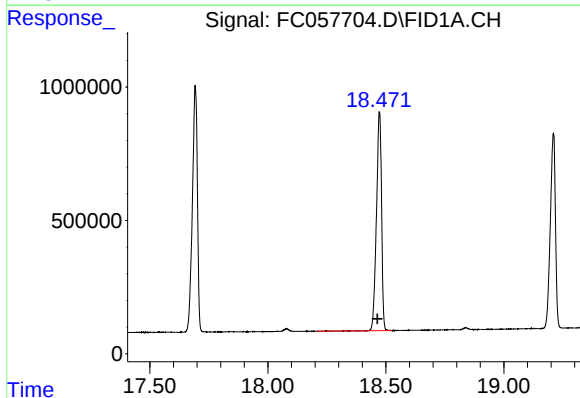
R.T.: 16.864 min
Delta R.T.: 0.010 min
Response: 15088816
Conc: 96.19 ug/ml

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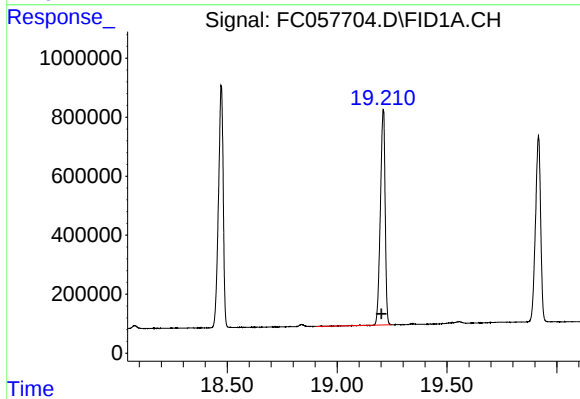
#18 n-Dotriacontane (C32)

R.T.: 17.693 min
Delta R.T.: 0.010 min
Response: 13589989
Conc: 96.94 ug/ml



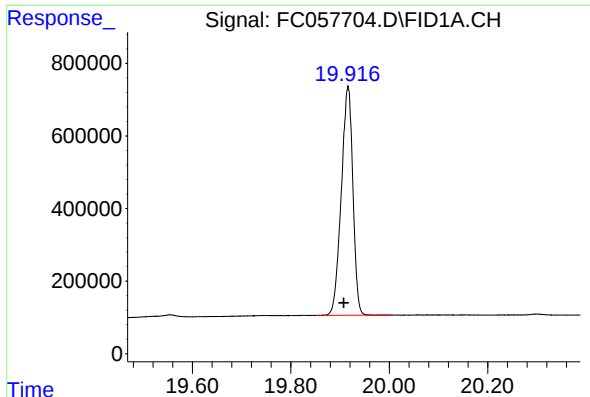
#19 n-Tetratriacontane (C34)

R.T.: 18.473 min
Delta R.T.: 0.008 min
Response: 12259121
Conc: 98.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.210 min
Delta R.T.: 0.008 min
Response: 10978803
Conc: 98.23 ug/ml



#21 n-Octatriacontane (C38)

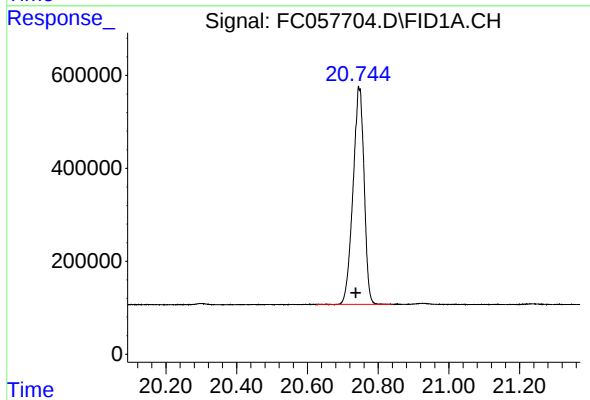
R.T.: 19.916 min
Delta R.T.: 0.009 min
Response: 10303120
Conc: 97.27 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 20.747 min
Delta R.T.: 0.009 min
Response: 10176530
Conc: 100.63 ug/ml