

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091421AL\
 Data File : FC055664.D
 Signal(s) : FID1A.CH
 Acq On : 15 Sep 2021 15:12
 Operator : AJ\MA
 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: Sep 16 01:06:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 2021
 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)	11.653	2395738	19.177 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
12) S 1-chlorooctadecane (S...	13.085	1837509	18.567 ug/ml
Spiked Amount 50.000		Recovery =	37.13%
Target Compounds			
1) T n-Nonane (C9)	3.399	2444111	22.611 ug/ml
2) T n-Decane (C10)	4.468	2486377	22.803 ug/ml
3) T A~Naphthalene (C11.7)	6.060	2760692	22.404 ug/ml
4) T n-Dodecane (C12)	6.489	2483770	22.684 ug/ml
5) T A~2-methylnaphthalene...	7.119	2746060	22.066 ug/ml
6) T n-Tetradecane (C14)	8.286	2471935	22.194 ug/ml
7) T n-Hexadecane (C16)	9.888	2409745	21.322 ug/ml
8) T n-Octadecane (C18)	11.331	2368349	20.342 ug/ml
10) T n-Eicosane (C20)	12.641	2235954	19.136 ug/ml
11) T n-Heneicosane (C21)	13.253	2208723	18.766 ug/ml
13) T n-Docosane (C22)	13.838	2132195	18.278 ug/ml
14) T n-Tetracosane (C24)	14.940	2041536	17.530 ug/ml
15) T n-Hexacosane (C26)	15.961	1941800	17.141 ug/ml
16) T n-Octacosane (C28)	16.909	1914815	17.304 ug/ml
17) T n-Tricontane (C30)	17.796	1893394	17.806 ug/ml
18) T n-Dotriacontane (C32)	18.628	1895405	18.912 ug/ml
19) T n-Tetratriacontane (C34)	19.409	1866405	19.776 ug/ml
20) T n-Hexatriacontane (C36)	20.147	1800162	20.733 ug/ml
21) T n-Octatriacontane (C38)	20.893	1729373	21.217 ug/ml
22) T n-Tetracontane (C40)	21.824	1779789	22.160 ug/ml

(f)=RT Delta > 1/2 Window

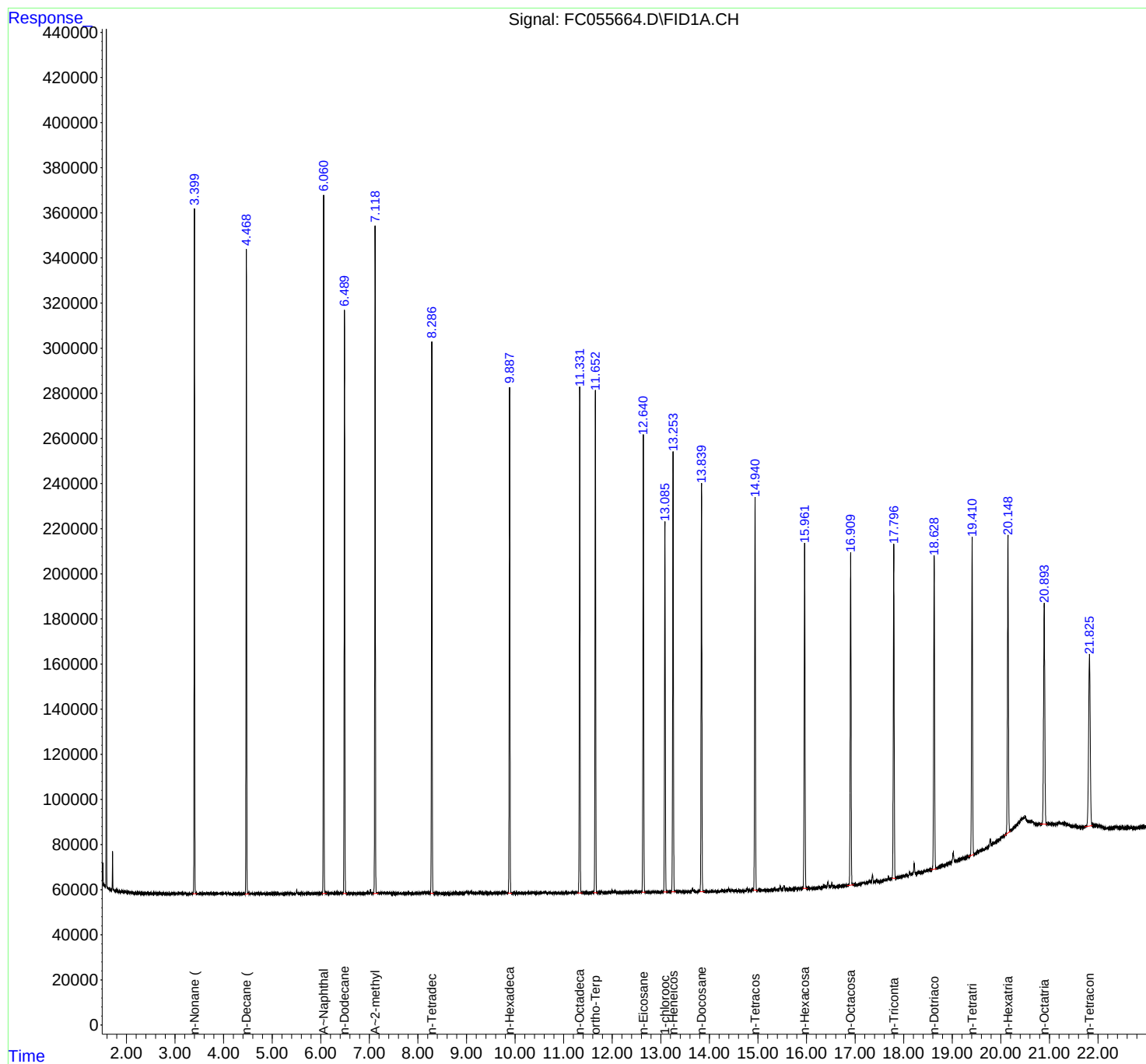
(m)=manual int.

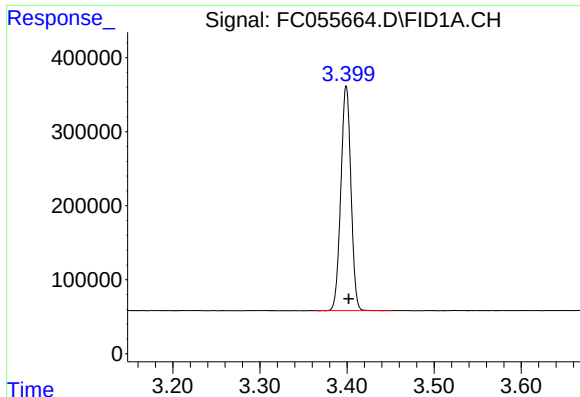
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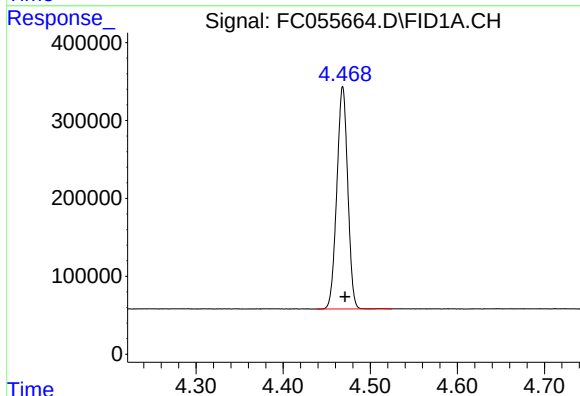




#1 n-Nonane (C9)

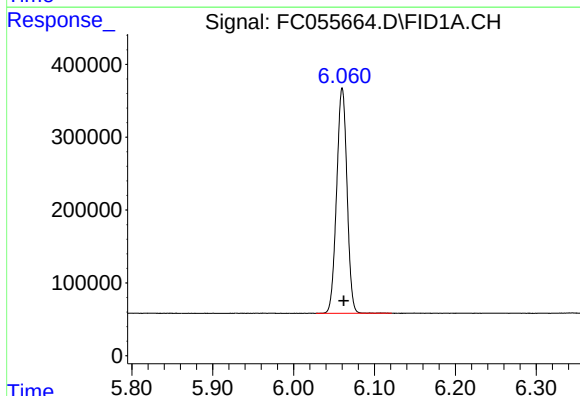
R.T.: 3.399 min
Delta R.T.: -0.003 min
Response: 2444111
Conc: 22.61 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



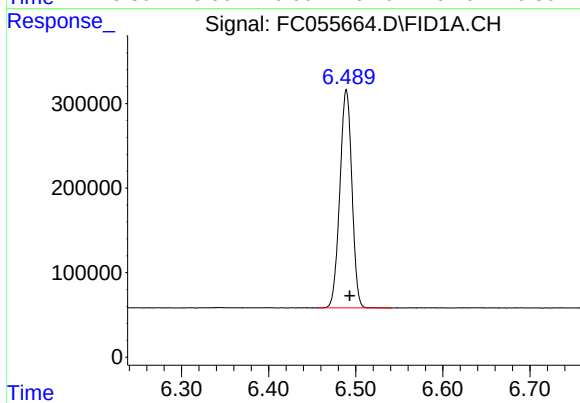
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 2486377
Conc: 22.80 ug/ml



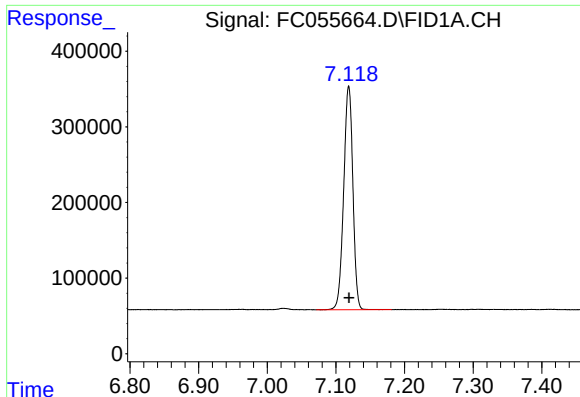
#3 A~Naphthalene (C11.7)

R.T.: 6.060 min
Delta R.T.: -0.002 min
Response: 2760692
Conc: 22.40 ug/ml



#4 n-Dodecane (C12)

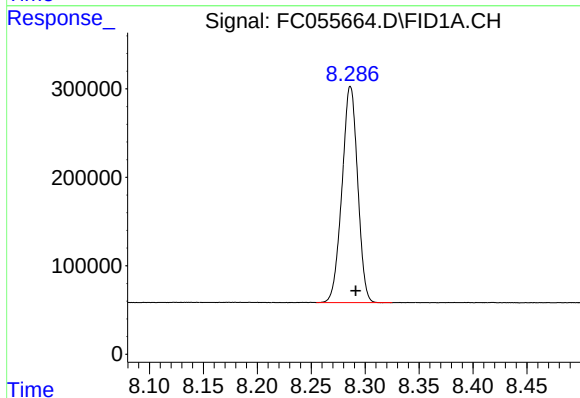
R.T.: 6.489 min
Delta R.T.: -0.004 min
Response: 2483770
Conc: 22.68 ug/ml



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

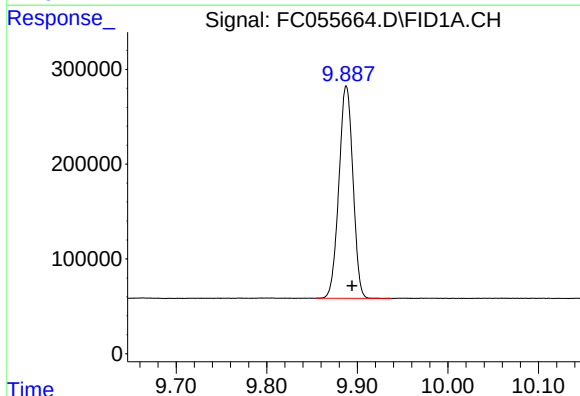
R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 2746060
Conc: 22.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



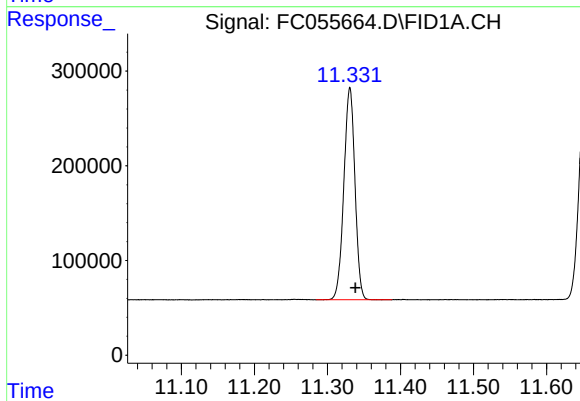
#6 n-Tetradecane (C14)

R.T.: 8.286 min
Delta R.T.: -0.005 min
Response: 2471935
Conc: 22.19 ug/ml



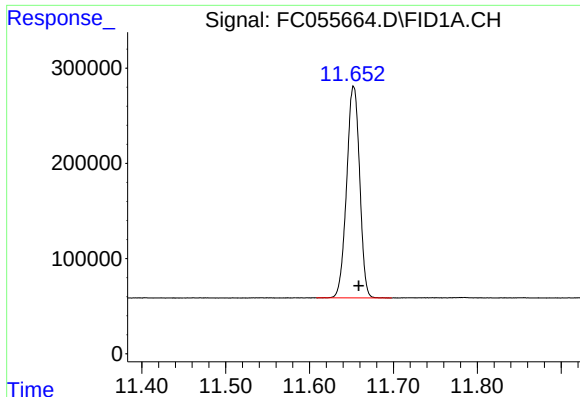
#7 n-Hexadecane (C16)

R.T.: 9.888 min
Delta R.T.: -0.006 min
Response: 2409745
Conc: 21.32 ug/ml



#8 n-Octadecane (C18)

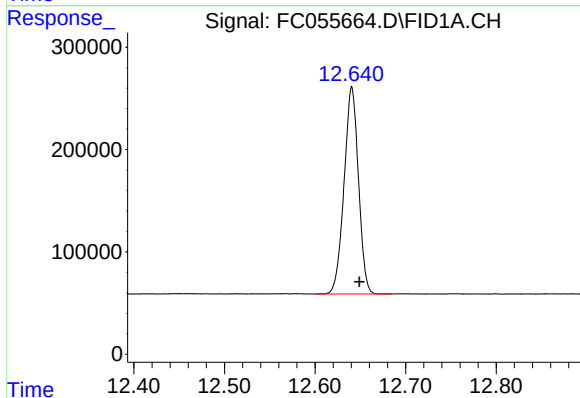
R.T.: 11.331 min
Delta R.T.: -0.008 min
Response: 2368349
Conc: 20.34 ug/ml



#9 ortho-Terphenyl (SURR)

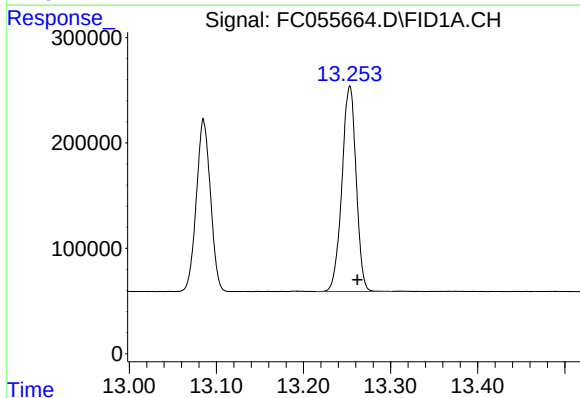
R.T.: 11.653 min
Delta R.T.: -0.006 min
Response: 2395738
Conc: 19.18 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



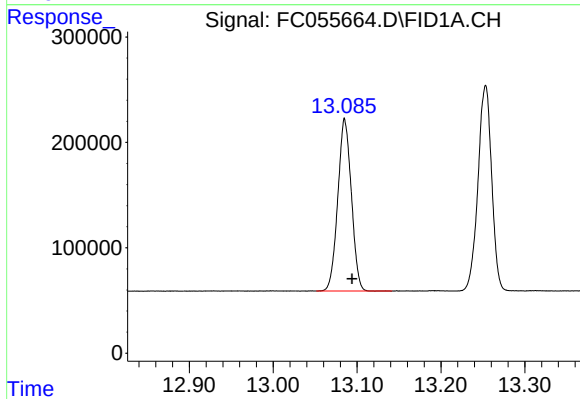
#10 n-Eicosane (C20)

R.T.: 12.641 min
Delta R.T.: -0.008 min
Response: 2235954
Conc: 19.14 ug/ml



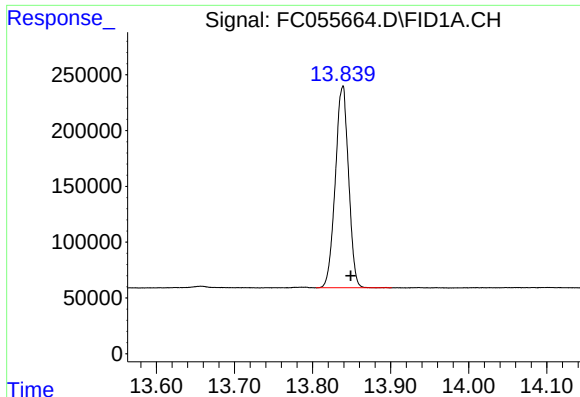
#11 n-Heneicosane (C21)

R.T.: 13.253 min
Delta R.T.: -0.009 min
Response: 2208723
Conc: 18.77 ug/ml



#12 1-chlorooctadecane (SURR)

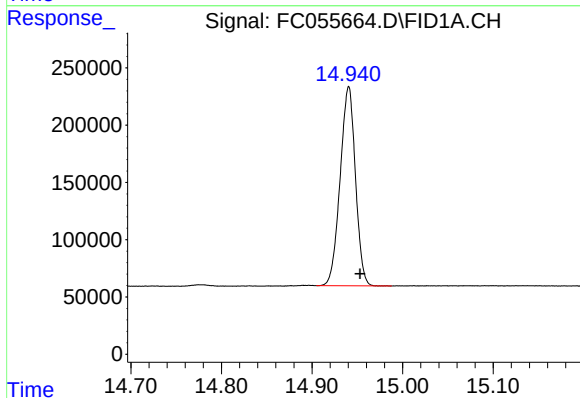
R.T.: 13.085 min
Delta R.T.: -0.009 min
Response: 1837509
Conc: 18.57 ug/ml



#13 n-Docosane (C22)

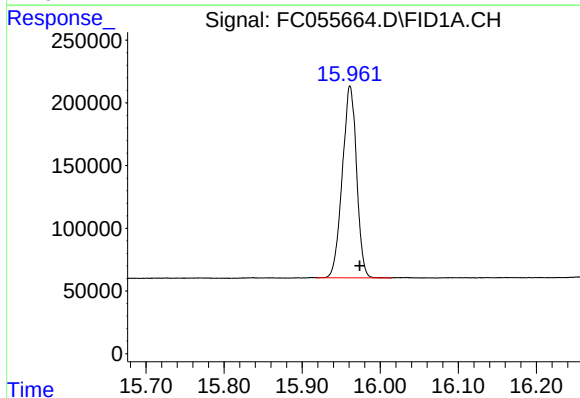
R.T.: 13.838 min
Delta R.T.: -0.011 min
Response: 2132195
Conc: 18.28 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



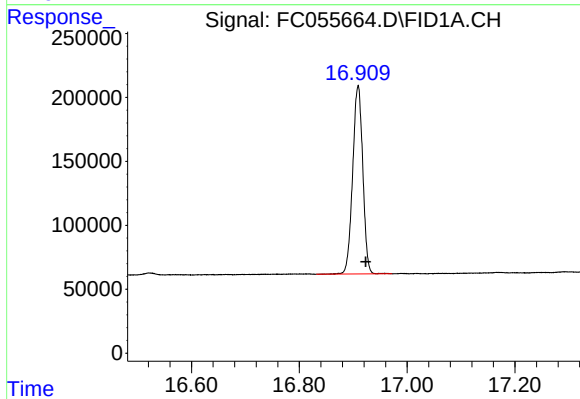
#14 n-Tetracosane (C24)

R.T.: 14.940 min
Delta R.T.: -0.013 min
Response: 2041536
Conc: 17.53 ug/ml



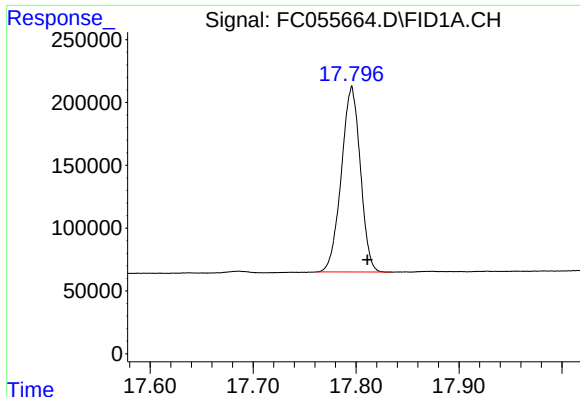
#15 n-Hexacosane (C26)

R.T.: 15.961 min
Delta R.T.: -0.012 min
Response: 1941800
Conc: 17.14 ug/ml



#16 n-Octacosane (C28)

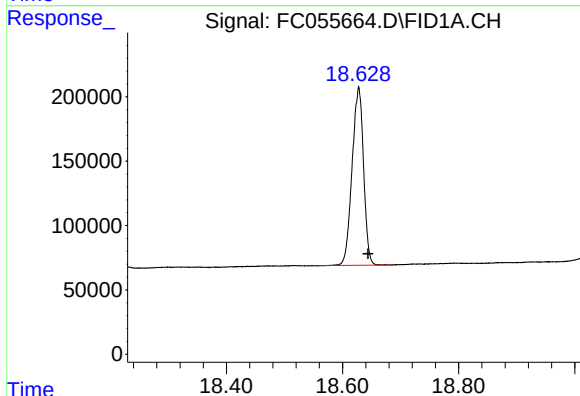
R.T.: 16.909 min
Delta R.T.: -0.015 min
Response: 1914815
Conc: 17.30 ug/ml



#17 n-Tricontane (C30)

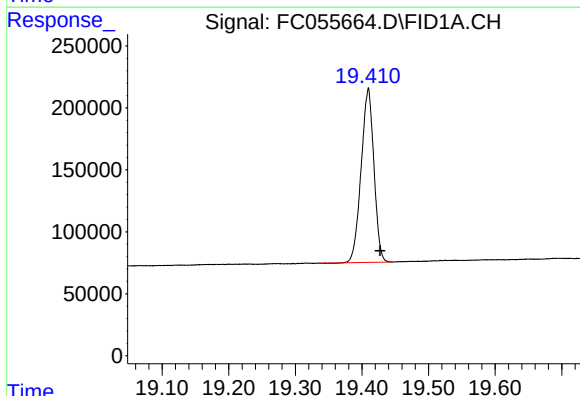
R.T.: 17.796 min
Delta R.T.: -0.015 min
Response: 1893394
Conc: 17.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



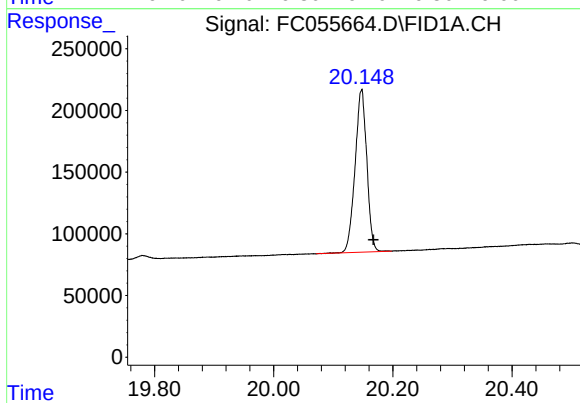
#18 n-Dotriacontane (C32)

R.T.: 18.628 min
Delta R.T.: -0.016 min
Response: 1895405
Conc: 18.91 ug/ml



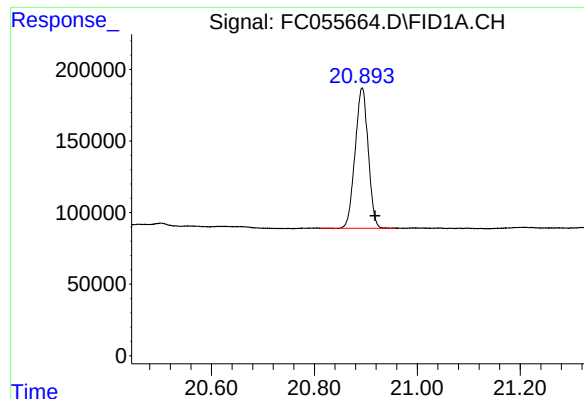
#19 n-Tetratriacontane (C34)

R.T.: 19.409 min
Delta R.T.: -0.018 min
Response: 1866405
Conc: 19.78 ug/ml



#20 n-Hexatriacontane (C36)

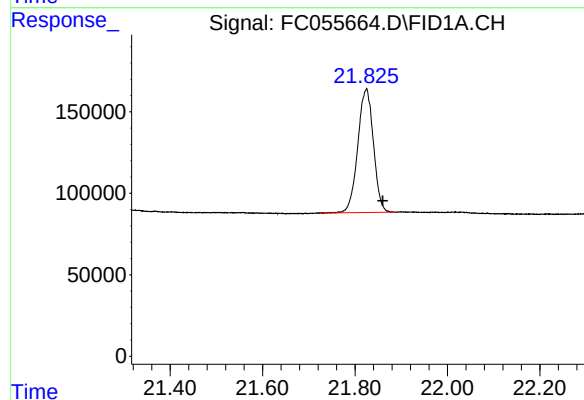
R.T.: 20.147 min
Delta R.T.: -0.020 min
Response: 1800162
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.893 min
Delta R.T.: -0.025 min
Response: 1729373
Conc: 21.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.824 min
Delta R.T.: -0.036 min
Response: 1779789
Conc: 22.16 ug/ml