

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040221AL\
 Data File : FC052958.D
 Signal(s) : FID1A.CH
 Acq On : 03 Apr 2021 11:15
 Operator : DD\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: sample.E
 Quant Time: Apr 05 01:16:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.558	2470621	18.432 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
12) S 1-chlorooctadecane (S...	12.995	1905200	17.664 ug/ml
Spiked Amount 50.000		Recovery =	35.33%
Target Compounds			
1) T n-Nonane (C9)	3.316	2486964	21.412 ug/ml
2) T n-Decane (C10)	4.381	2529430	21.585 ug/ml
3) T A~Naphthalene (C11.7)	5.967	2772773	21.178 ug/ml
4) T n-Dodecane (C12)	6.401	2571564	21.418 ug/ml
5) T A~2-methylnaphthalene...	7.025	2803077	20.941 ug/ml
6) T n-Tetradecane (C14)	8.198	2530927	20.926 ug/ml
7) T n-Hexadecane (C16)	9.800	2434630	20.243 ug/ml
8) T n-Octadecane (C18)	11.242	2440800	19.345 ug/ml
10) T n-Eicosane (C20)	12.551	2332148	18.264 ug/ml
11) T n-Heneicosane (C21)	13.162	2253362	17.728 ug/ml
13) T n-Docosane (C22)	13.749	2206437	17.417 ug/ml
14) T n-Tetracosane (C24)	14.851	2106762	16.865 ug/ml
15) T n-Hexacosane (C26)	15.873	2028828	16.849 ug/ml
16) T n-Octacosane (C28)	16.822	2008487	17.421 ug/ml
17) T n-Tricontane (C30)	17.709	1997646	18.335 ug/ml
18) T n-Dotriacontane (C32)	18.541	1986719	19.800 ug/ml
19) T n-Tetratriacontane (C34)	19.324	1963885	21.365 ug/ml
20) T n-Hexatriacontane (C36)	20.063	1907352	20.917 ug/ml
21) T n-Octatriacontane (C38)	20.794	1872005	22.937 ug/ml
22) T n-Tetracontane (C40)	21.695	1915643	22.239 ug/ml

(f)=RT Delta > 1/2 Window

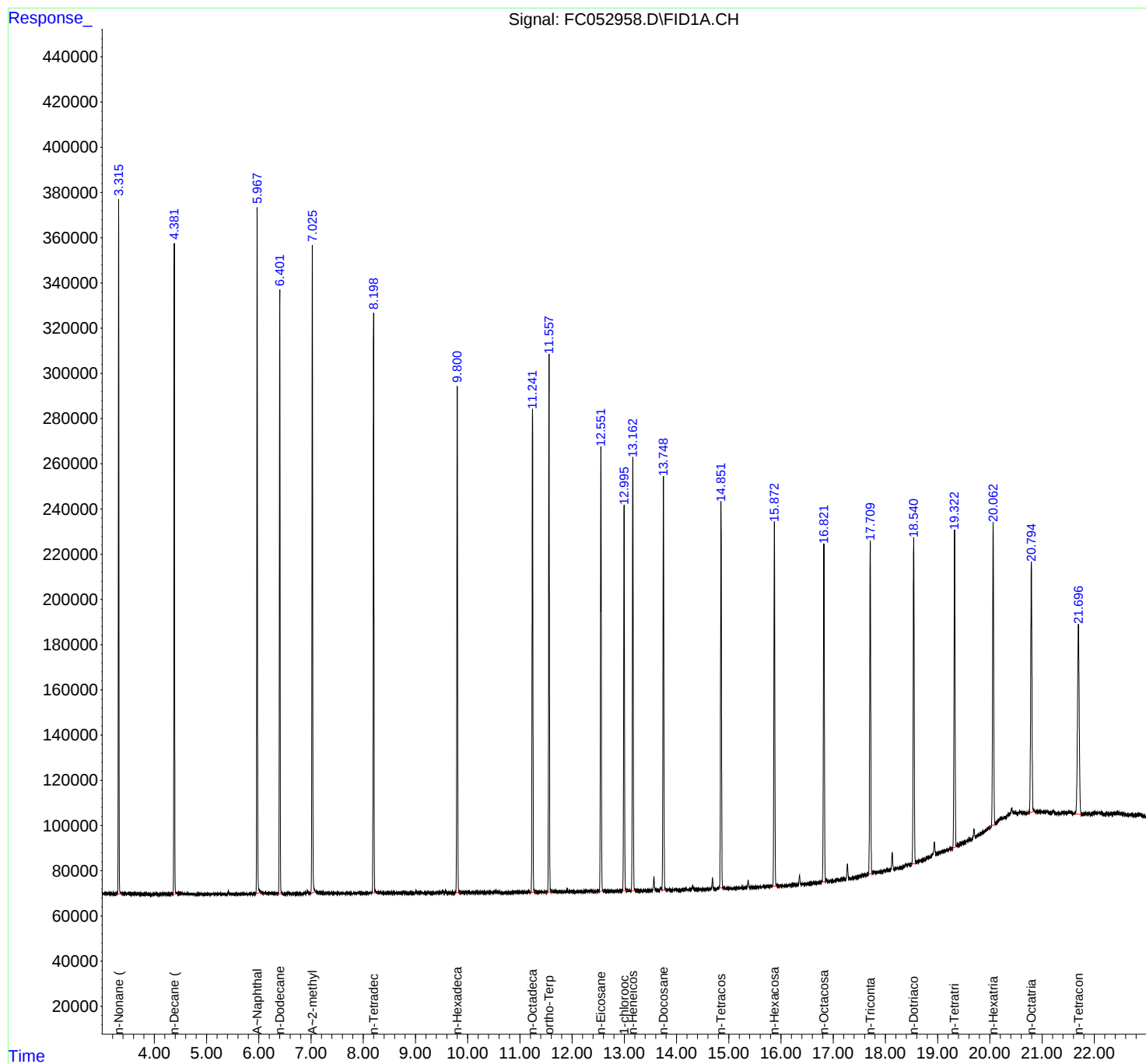
(m)=manual int.

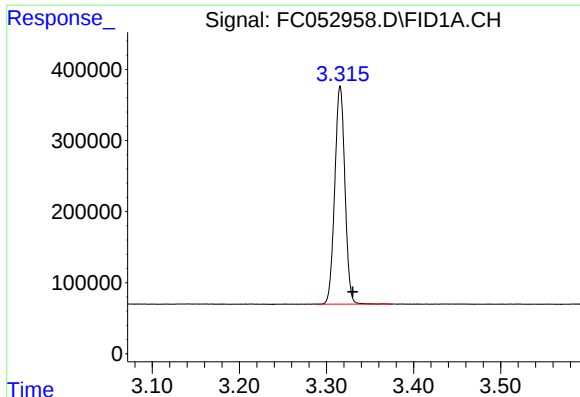
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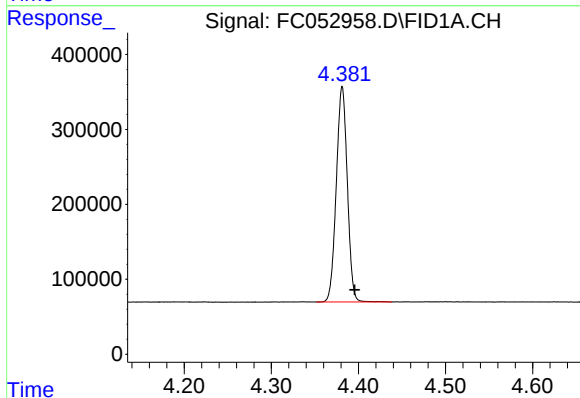




#1 n-Nonane (C9)

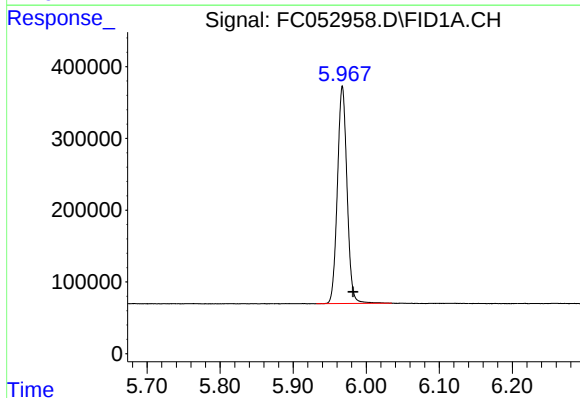
R.T.: 3.316 min
Delta R.T.: -0.014 min
Response: 2486964
Conc: 21.41 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



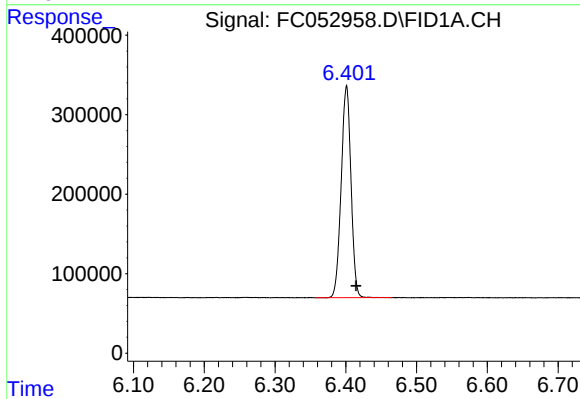
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: -0.014 min
Response: 2529430
Conc: 21.58 ug/ml



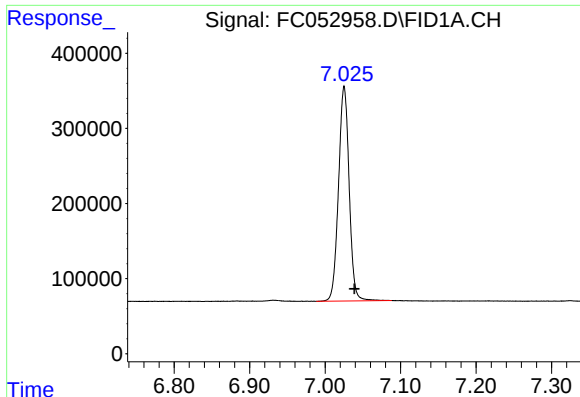
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.015 min
Response: 2772773
Conc: 21.18 ug/ml



#4 n-Dodecane (C12)

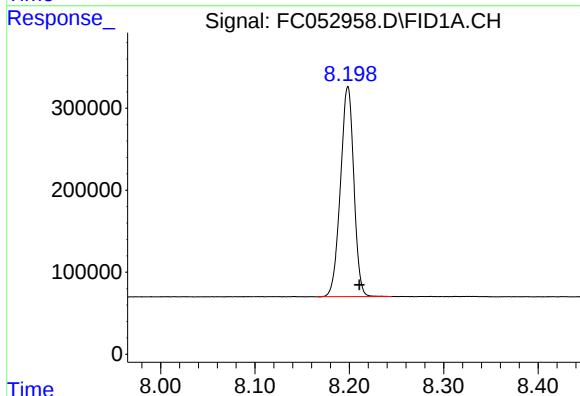
R.T.: 6.401 min
Delta R.T.: -0.014 min
Response: 2571564
Conc: 21.42 ug/ml



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

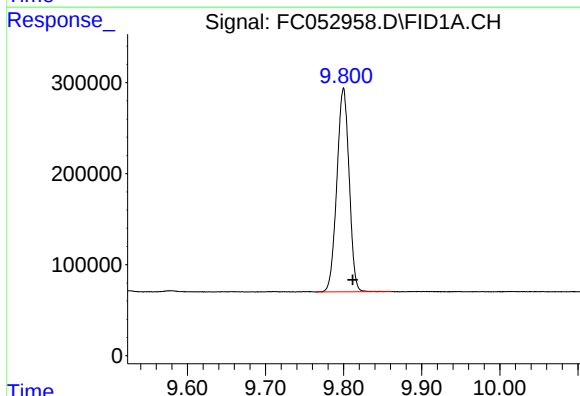
R.T.: 7.025 min
Delta R.T.: -0.014 min
Response: 2803077
Conc: 20.94 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



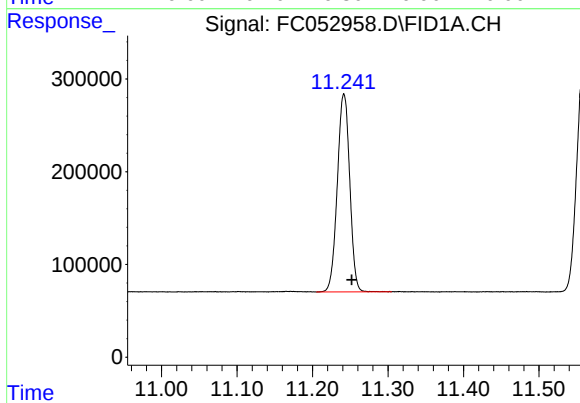
#6 n-Tetradecane (C14)

R.T.: 8.198 min
Delta R.T.: -0.012 min
Response: 2530927
Conc: 20.93 ug/ml



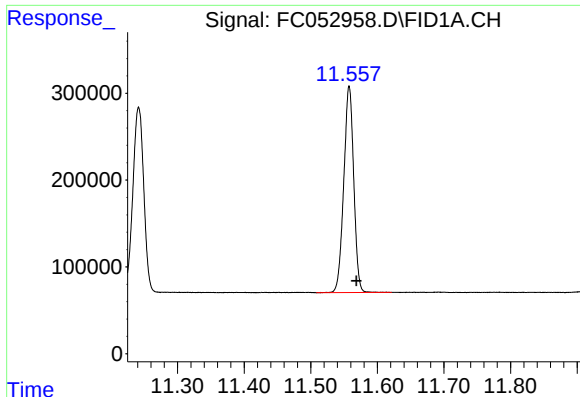
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.012 min
Response: 2434630
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

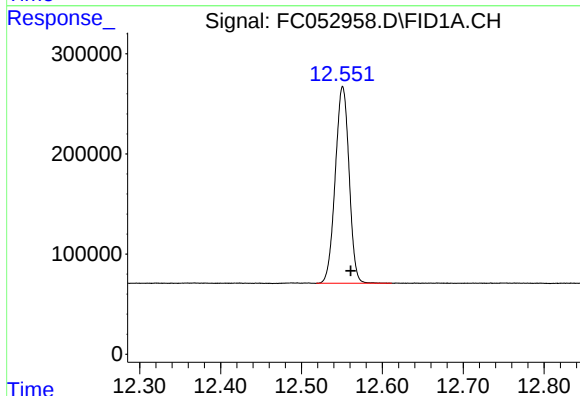
R.T.: 11.242 min
Delta R.T.: -0.010 min
Response: 2440800
Conc: 19.35 ug/ml



#9 ortho-Terphenyl (SURR)

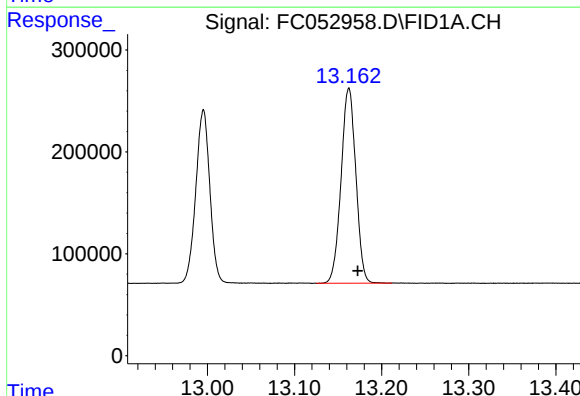
R.T.: 11.558 min
Delta R.T.: -0.011 min
Response: 2470621
Conc: 18.43 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



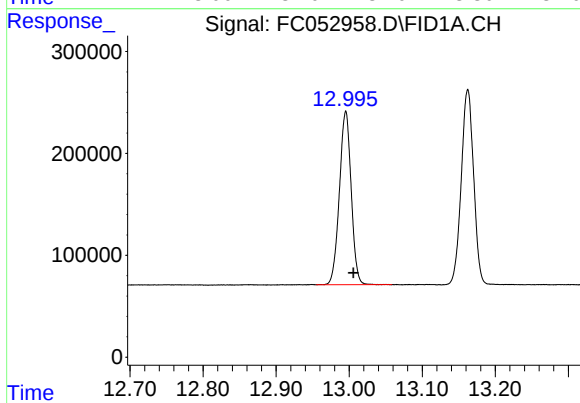
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.010 min
Response: 2332148
Conc: 18.26 ug/ml



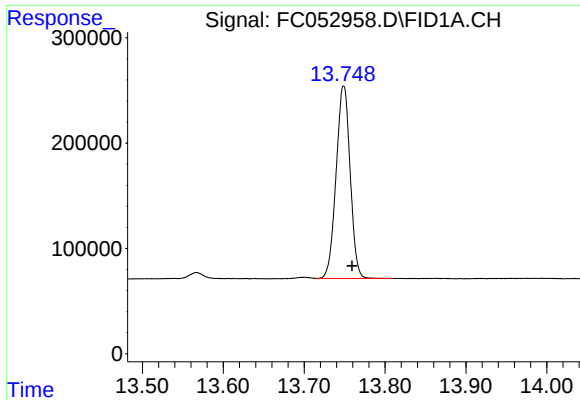
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: -0.011 min
Response: 2253362
Conc: 17.73 ug/ml



#12 1-chlorooctadecane (SURR)

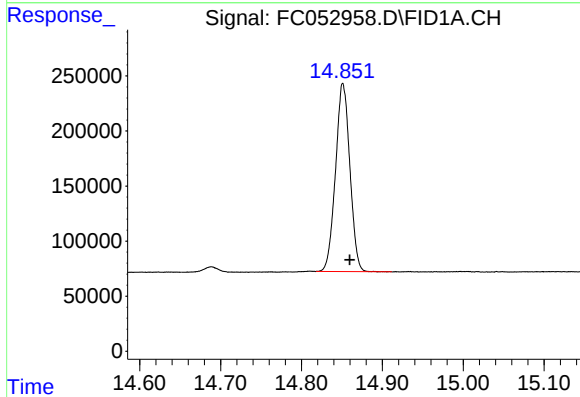
R.T.: 12.995 min
Delta R.T.: -0.011 min
Response: 1905200
Conc: 17.66 ug/ml



#13 n-Docosane (C22)

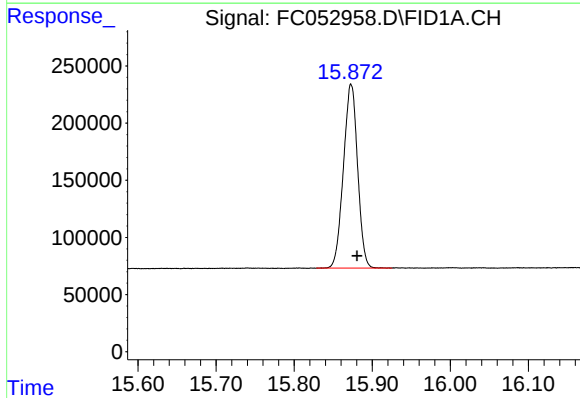
R.T.: 13.749 min
Delta R.T.: -0.011 min
Response: 2206437
Conc: 17.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



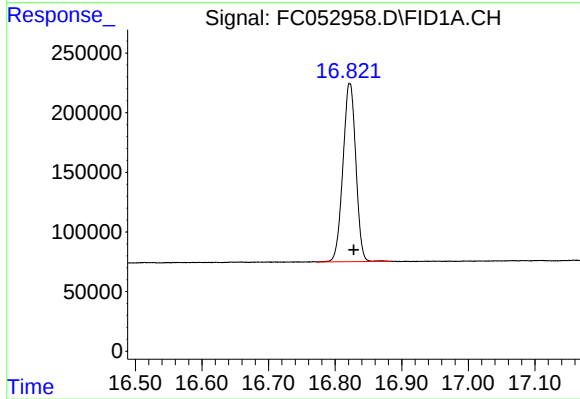
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: -0.008 min
Response: 2106762
Conc: 16.86 ug/ml



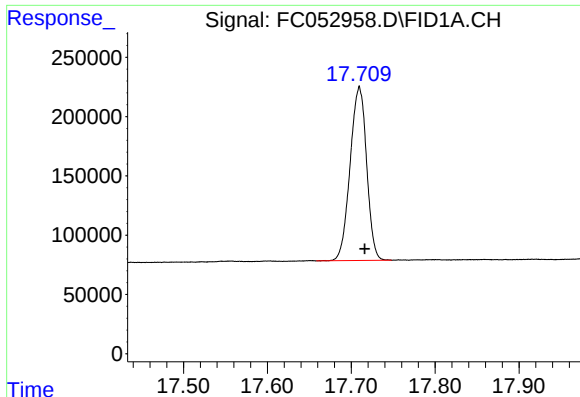
#15 n-Hexacosane (C26)

R.T.: 15.873 min
Delta R.T.: -0.007 min
Response: 2028828
Conc: 16.85 ug/ml



#16 n-Octacosane (C28)

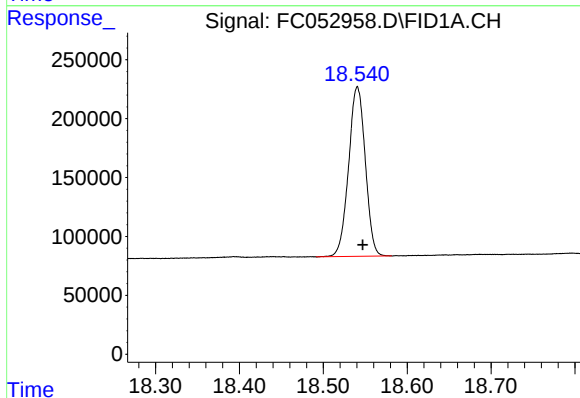
R.T.: 16.822 min
Delta R.T.: -0.006 min
Response: 2008487
Conc: 17.42 ug/ml



#17 n-Tricontane (C30)

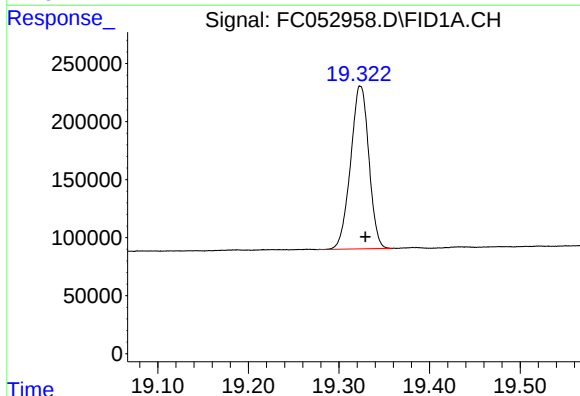
R.T.: 17.709 min
Delta R.T.: -0.006 min
Response: 1997646
Conc: 18.34 ug/ml

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20 PPM ALIPHATIC HC STD



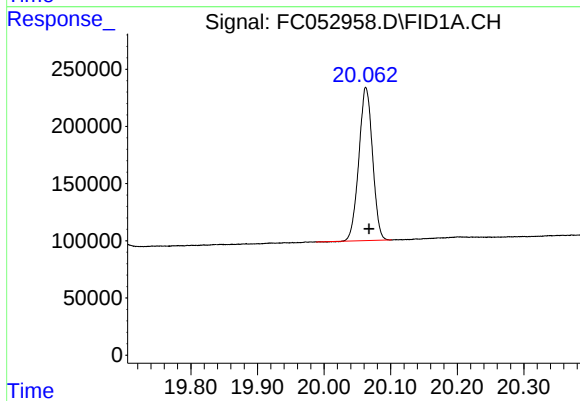
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: -0.006 min
Response: 1986719
Conc: 19.80 ug/ml



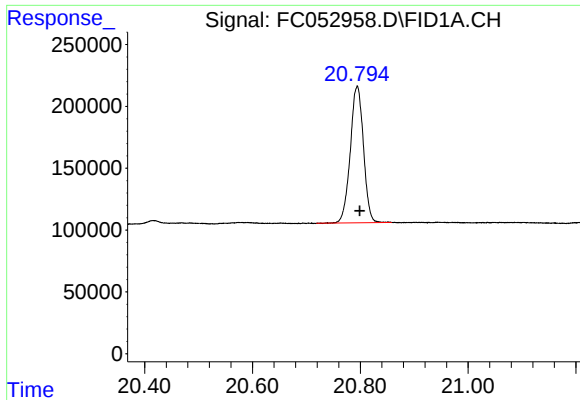
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: -0.006 min
Response: 1963885
Conc: 21.37 ug/ml



#20 n-Hexatriacontane (C36)

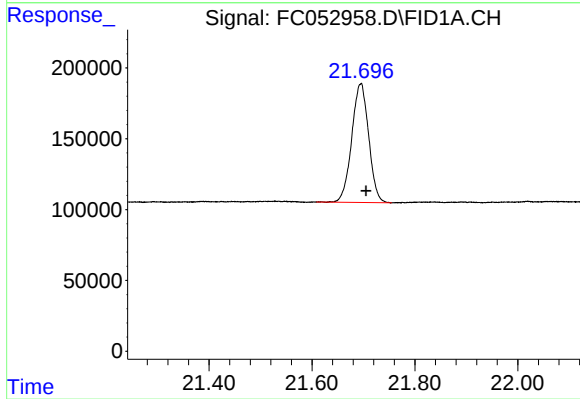
R.T.: 20.063 min
Delta R.T.: -0.005 min
Response: 1907352
Conc: 20.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: -0.005 min
Response: 1872005
Conc: 22.94 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.695 min
Delta R.T.: -0.011 min
Response: 1915643
Conc: 22.24 ug/ml