

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042121AL\
 Data File : FC053295.D
 Signal(s) : FID1A.CH
 Acq On : 21 Apr 2021 10:47
 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 22 04:13:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 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)	11.549	2815105	20.341 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
12) S 1-chlorooctadecane (S...	12.989	2233234	20.634 ug/ml
Spiked Amount 50.000		Recovery =	41.27%
Target Compounds			
1) T n-Nonane (C9)	3.303	2394834	20.643 ug/ml
2) T n-Decane (C10)	4.368	2416461	20.647 ug/ml
3) T A~Naphthalene (C11.7)	5.952	2697843	20.738 ug/ml
4) T n-Dodecane (C12)	6.388	2465836	20.663 ug/ml
5) T A~2-methylnaphthalene...	7.010	2752362	20.823 ug/ml
6) T n-Tetradecane (C14)	8.186	2479056	20.369 ug/ml
7) T n-Hexadecane (C16)	9.790	2470901	20.535 ug/ml
8) T n-Octadecane (C18)	11.234	2603590	20.547 ug/ml
10) T n-Eicosane (C20)	12.545	2643539	20.614 ug/ml
11) T n-Heneicosane (C21)	13.157	2655689	20.678 ug/ml
13) T n-Docosane (C22)	13.745	2650753	20.568 ug/ml
14) T n-Tetracosane (C24)	14.849	2659080	20.588 ug/ml
15) T n-Hexacosane (C26)	15.872	2635536	20.508 ug/ml
16) T n-Octacosane (C28)	16.823	2637331	20.364 ug/ml
17) T n-Tricontane (C30)	17.711	2630395	19.533 ug/ml
18) T n-Dotriacontane (C32)	18.545	2558938	18.659 ug/ml
19) T n-Tetratriacontane (C34)	19.329	2461176	18.860 ug/ml
20) T n-Hexatriacontane (C36)	20.069	2292518	18.934 ug/ml
21) T n-Octatriacontane (C38)	20.801	2043667	19.395 ug/ml
22) T n-Tetracontane (C40)	21.702	2099868	20.055 ug/ml

(f)=RT Delta > 1/2 Window

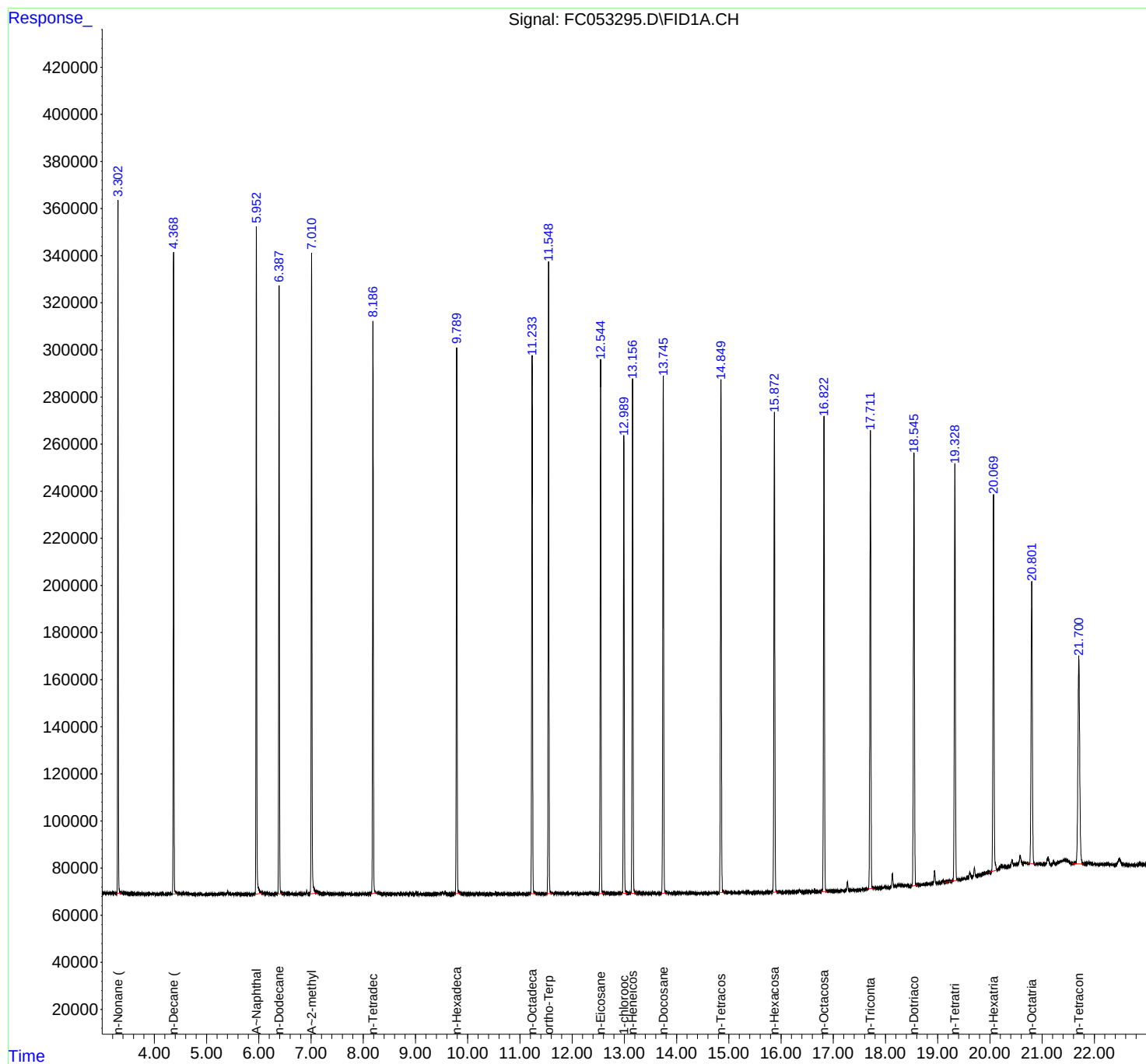
(m)=manual int.

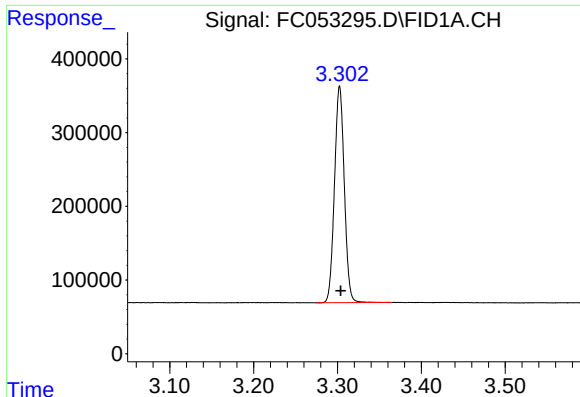
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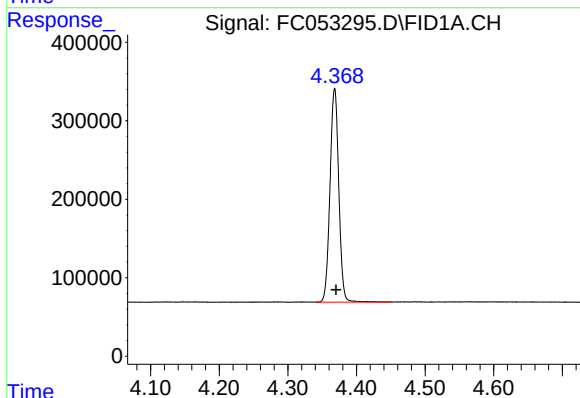




#1 n-Nonane (C9)

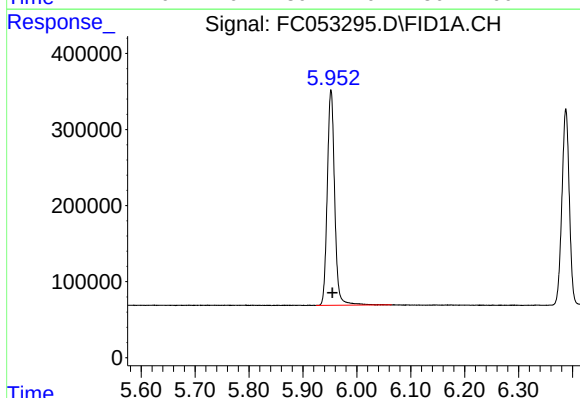
R.T.: 3.303 min
Delta R.T.: -0.001 min
Response: 2394834
Conc: 20.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



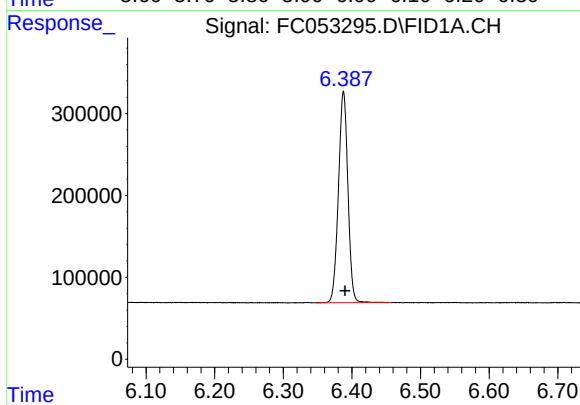
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.002 min
Response: 2416461
Conc: 20.65 ug/ml



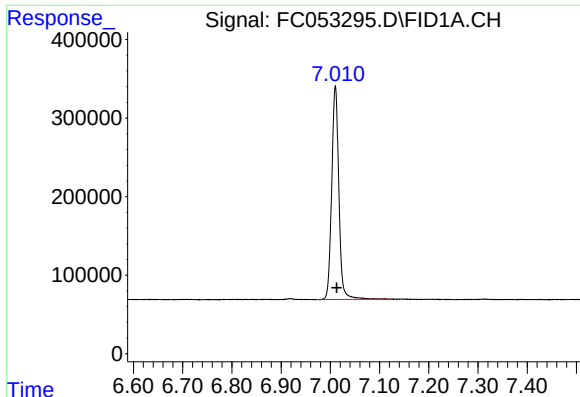
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.003 min
Response: 2697843
Conc: 20.74 ug/ml



#4 n-Dodecane (C12)

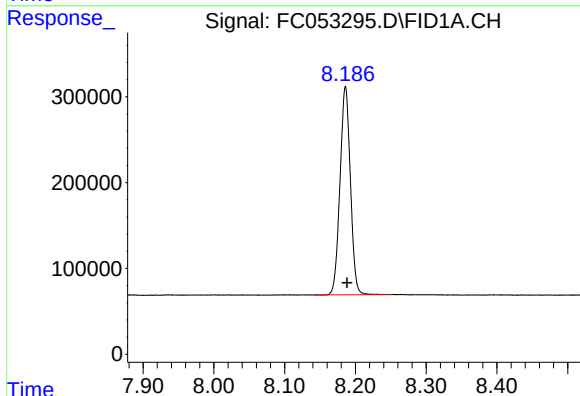
R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 2465836
Conc: 20.66 ug/ml



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

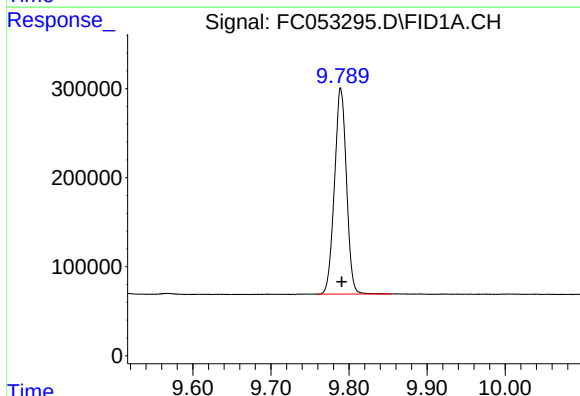
R.T.: 7.010 min
Delta R.T.: -0.002 min
Response: 2752362
Conc: 20.82 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



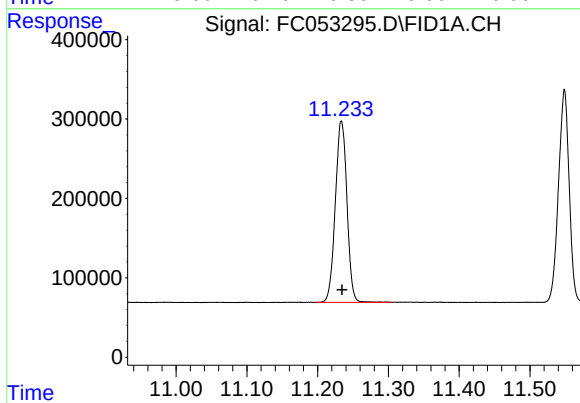
#6 n-Tetradecane (C14)

R.T.: 8.186 min
Delta R.T.: -0.002 min
Response: 2479056
Conc: 20.37 ug/ml



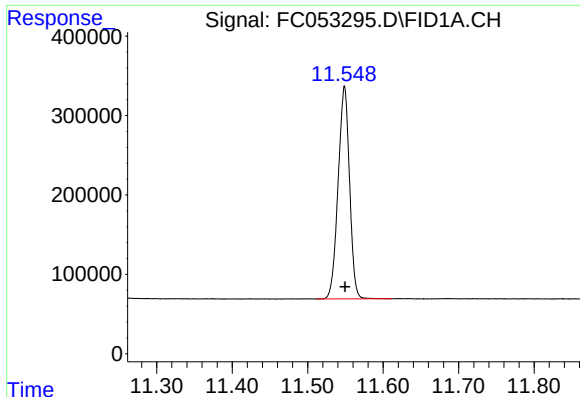
#7 n-Hexadecane (C16)

R.T.: 9.790 min
Delta R.T.: -0.001 min
Response: 2470901
Conc: 20.53 ug/ml



#8 n-Octadecane (C18)

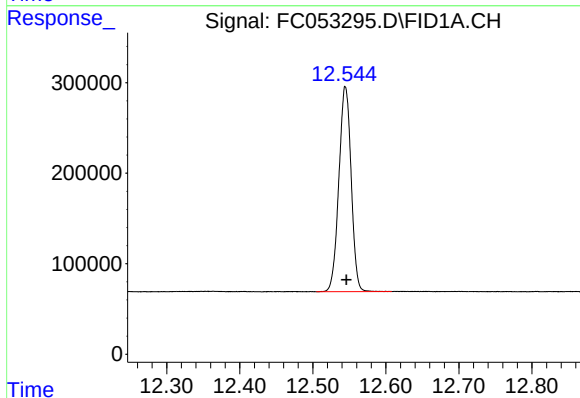
R.T.: 11.234 min
Delta R.T.: -0.001 min
Response: 2603590
Conc: 20.55 ug/ml



#9 ortho-Terphenyl (SURR)

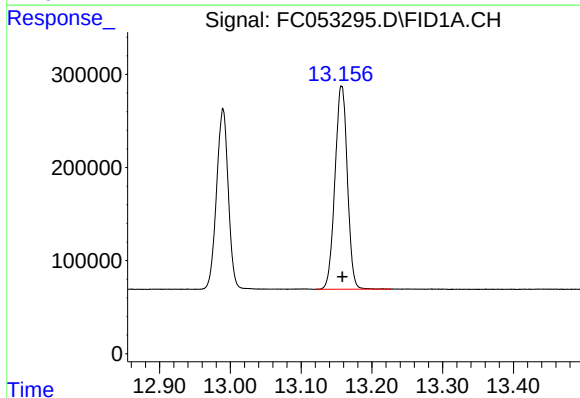
R.T.: 11.549 min
Delta R.T.: -0.001 min
Response: 2815105
Conc: 20.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



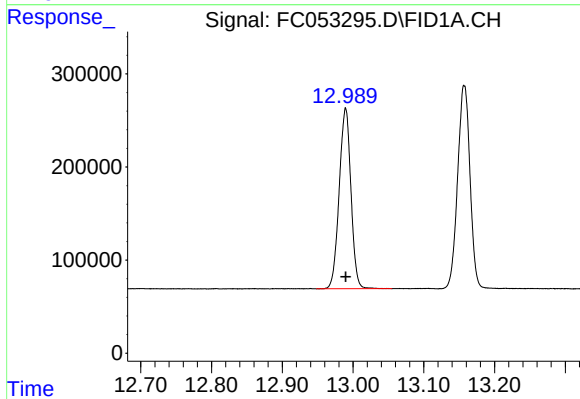
#10 n-Eicosane (C20)

R.T.: 12.545 min
Delta R.T.: -0.002 min
Response: 2643539
Conc: 20.61 ug/ml



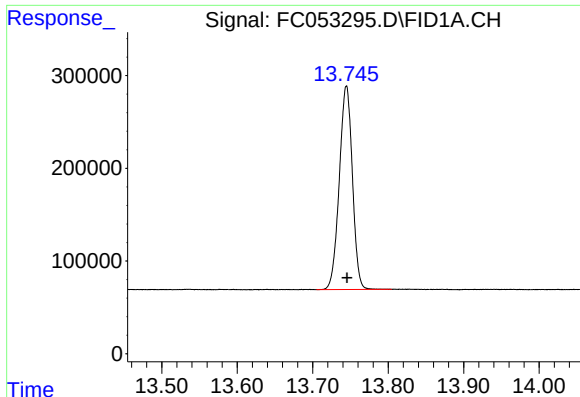
#11 n-Heneicosane (C21)

R.T.: 13.157 min
Delta R.T.: -0.001 min
Response: 2655689
Conc: 20.68 ug/ml



#12 1-chlorooctadecane (SURR)

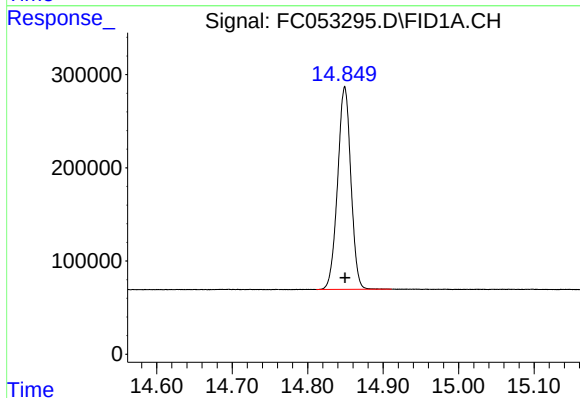
R.T.: 12.989 min
Delta R.T.: 0.000 min
Response: 2233234
Conc: 20.63 ug/ml



#13 n-Docosane (C22)

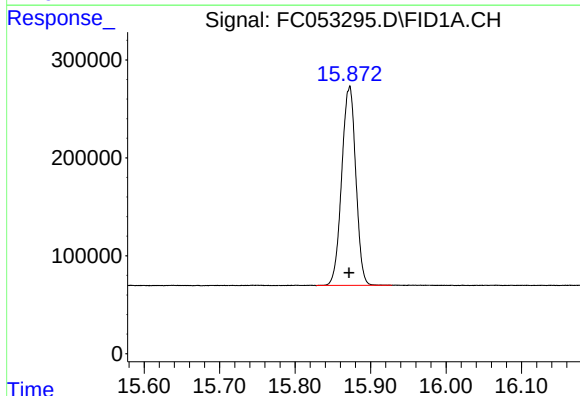
R.T.: 13.745 min
Delta R.T.: -0.001 min
Response: 2650753
Conc: 20.57 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



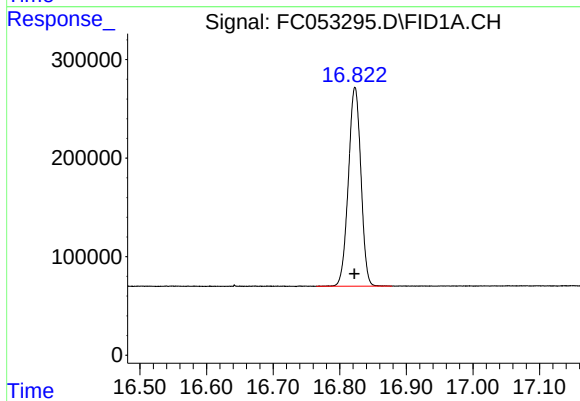
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: 0.000 min
Response: 2659080
Conc: 20.59 ug/ml



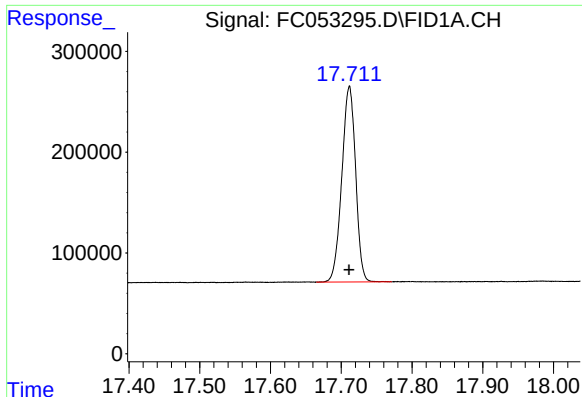
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: 0.000 min
Response: 2635536
Conc: 20.51 ug/ml



#16 n-Octacosane (C28)

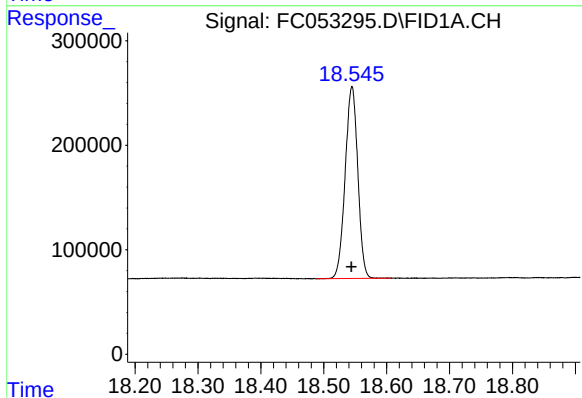
R.T.: 16.823 min
Delta R.T.: 0.000 min
Response: 2637331
Conc: 20.36 ug/ml



#17 n-Tricontane (C30)

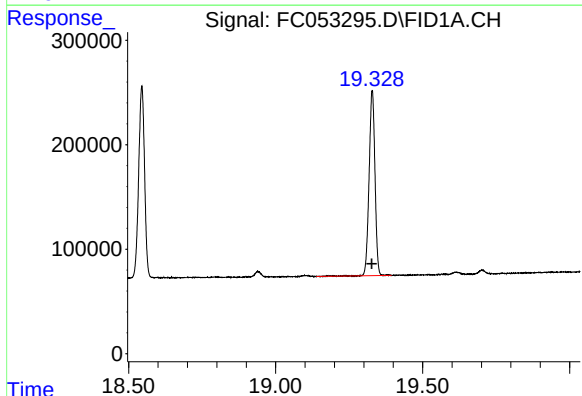
R.T.: 17.711 min
Delta R.T.: 0.000 min
Response: 2630395
Conc: 19.53 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



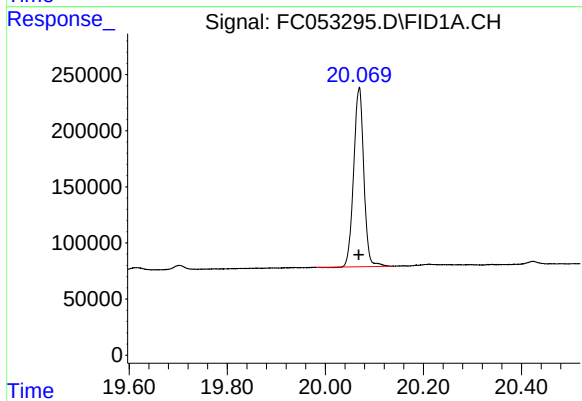
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: 0.000 min
Response: 2558938
Conc: 18.66 ug/ml



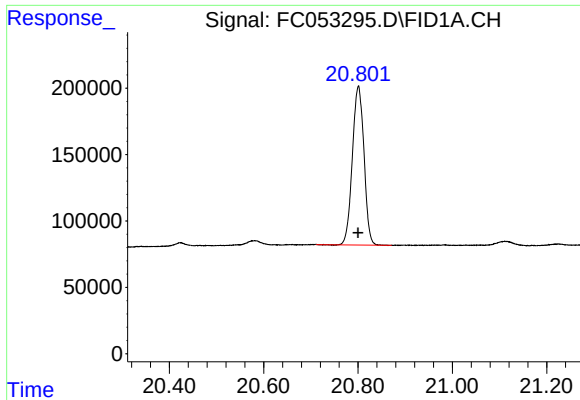
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.001 min
Response: 2461176
Conc: 18.86 ug/ml



#20 n-Hexatriacontane (C36)

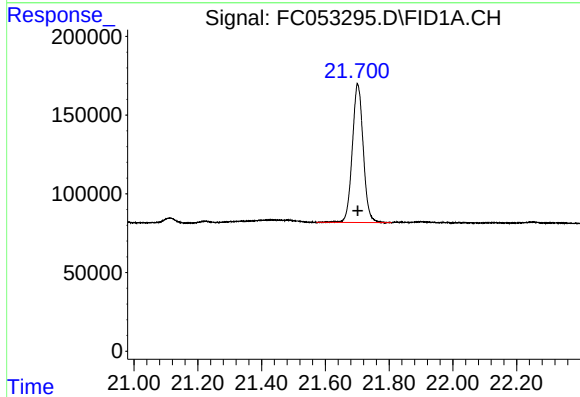
R.T.: 20.069 min
Delta R.T.: 0.000 min
Response: 2292518
Conc: 18.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: 0.000 min
Response: 2043667
Conc: 19.40 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: 0.000 min
Response: 2099868
Conc: 20.06 ug/ml