

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041822AL\
 Data File : FC059293.D
 Signal(s) : FID1A.CH
 Acq On : 18 Apr 2022 22:21
 Operator : UA/NP
 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: Apr 19 03:16:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.103	2773505	19.249 ug/ml
Spiked Amount 50.000		Recovery =	38.50%
12) S 1-chlorooctadecane (S...	12.551	2153474	19.211 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
Target Compounds			
1) T n-Nonane (C9)	2.961	2484502	20.274 ug/ml
2) T n-Decane (C10)	4.004	2529767	20.644 ug/ml
3) T A~Naphthalene (C11.7)	5.554	2489487	19.828 ug/ml
4) T n-Dodecane (C12)	6.003	2598960	20.348 ug/ml
5) T A~2-methylnaphthalene...	6.603	2556714	19.943 ug/ml
6) T n-Tetradecane (C14)	7.786	2604130	20.028 ug/ml
7) T n-Hexadecane (C16)	9.378	2614548	19.689 ug/ml
8) T n-Octadecane (C18)	10.812	2591167	19.489 ug/ml
10) T n-Eicosane (C20)	12.114	2534991	19.348 ug/ml
11) T n-Heneicosane (C21)	12.724	2521564	19.325 ug/ml
13) T n-Docosane (C22)	13.306	2501803	19.312 ug/ml
14) T n-Tetracosane (C24)	14.405	2461654	19.487 ug/ml
15) T n-Hexacosane (C26)	15.421	2398653	19.858 ug/ml
16) T n-Octacosane (C28)	16.367	2436253	20.574 ug/ml
17) T n-Tricontane (C30)	17.251	2478201	21.724 ug/ml
18) T n-Dotriacontane (C32)	18.082	2403627	22.437 ug/ml
19) T n-Tetratriacontane (C34)	18.864	2252595	22.295 ug/ml
20) T n-Hexatriacontane (C36)	19.601	2074104	21.707 ug/ml
21) T n-Octatriacontane (C38)	20.300	1929536	20.969 ug/ml
22) T n-Tetracontane (C40)	21.043	1929476	20.761 ug/ml

(f)=RT Delta > 1/2 Window

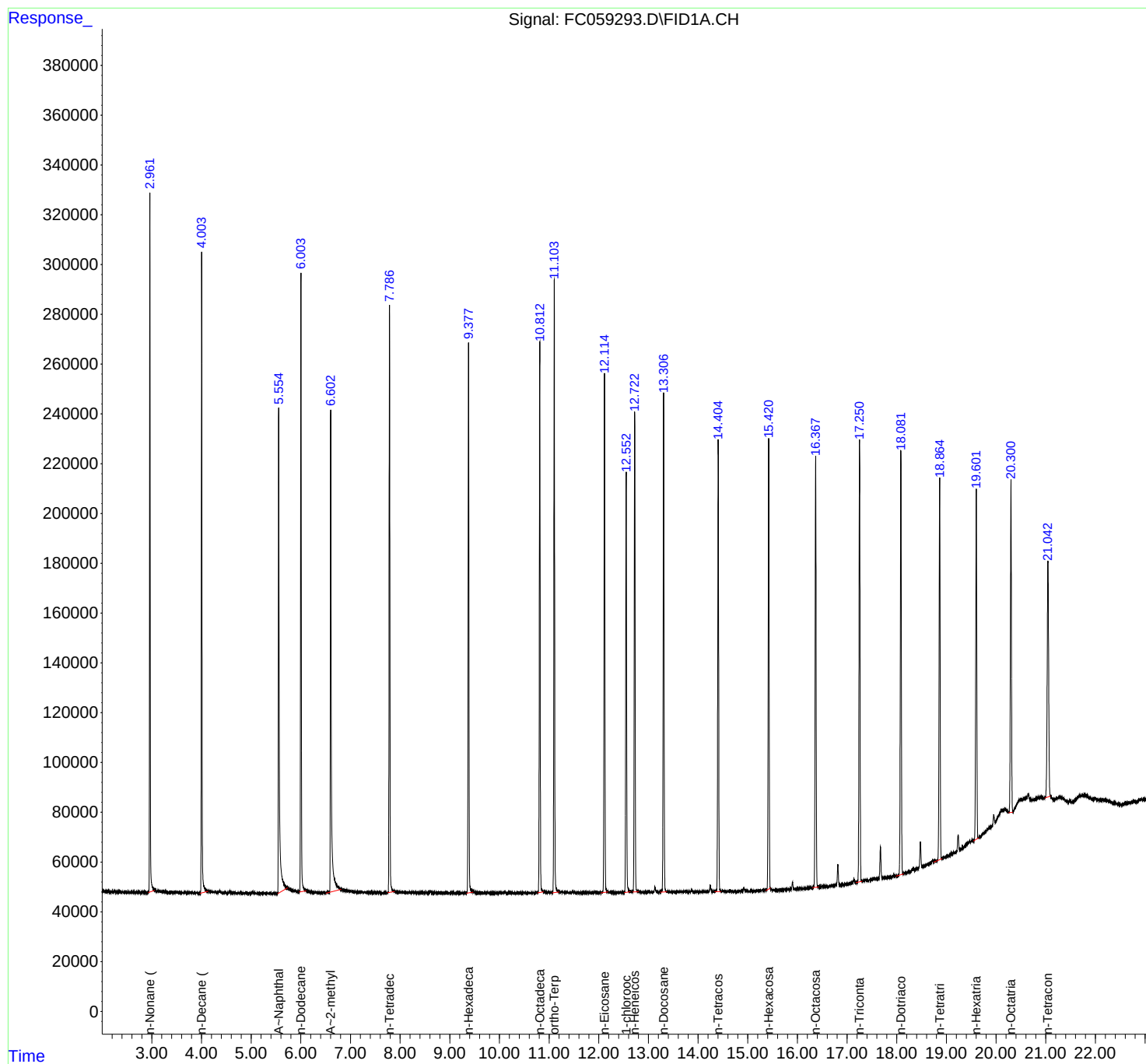
(m)=manual int.

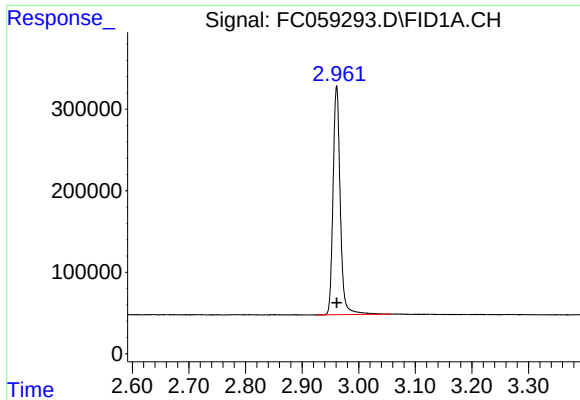
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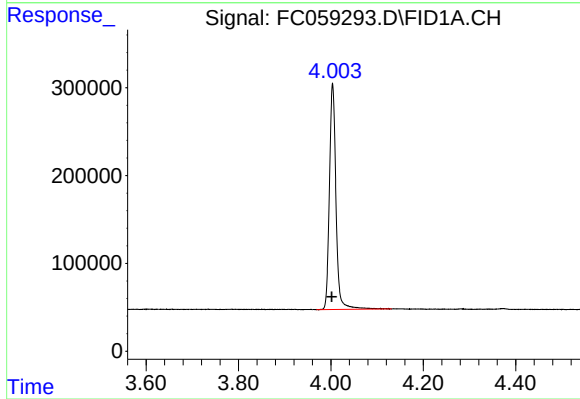




#1 n-Nonane (C9)

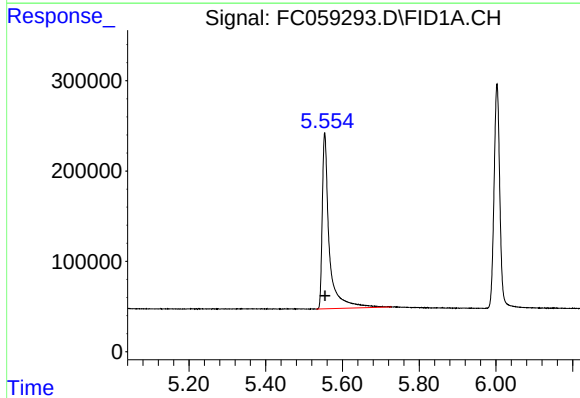
R.T.: 2.961 min
Delta R.T.: 0.000 min
Response: 2484502
Conc: 20.27 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



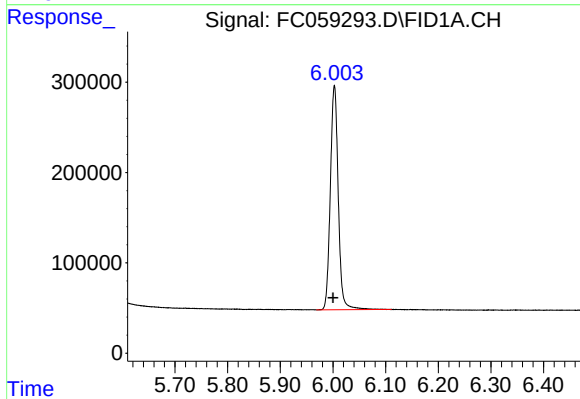
#2 n-Decane (C10)

R.T.: 4.004 min
Delta R.T.: 0.002 min
Response: 2529767
Conc: 20.64 ug/ml



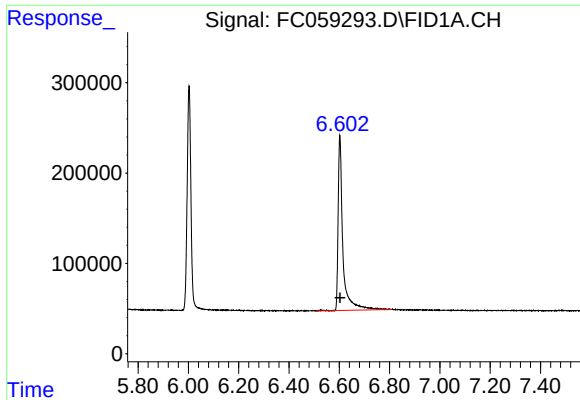
#3 A~Naphthalene (C11.7)

R.T.: 5.554 min
Delta R.T.: -0.001 min
Response: 2489487
Conc: 19.83 ug/ml



#4 n-Dodecane (C12)

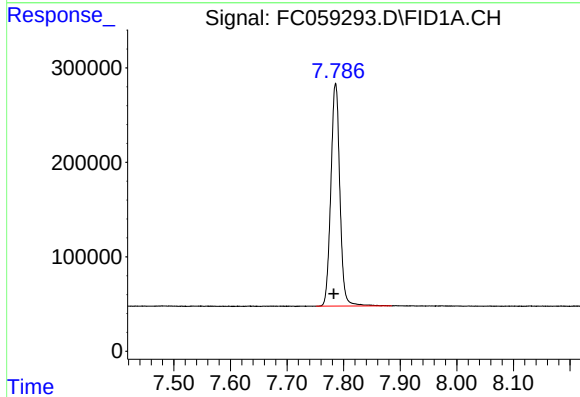
R.T.: 6.003 min
Delta R.T.: 0.003 min
Response: 2598960
Conc: 20.35 ug/ml



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

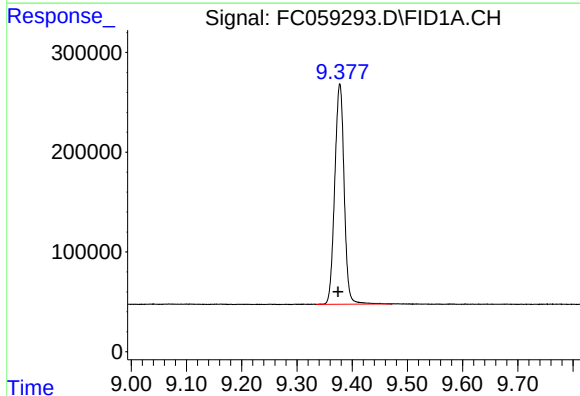
R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 2556714
Conc: 19.94 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



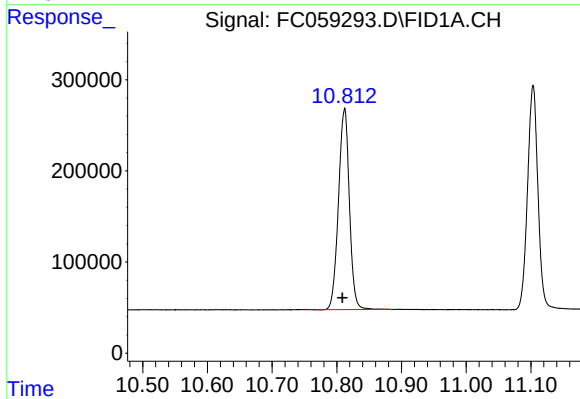
#6 n-Tetradecane (C14)

R.T.: 7.786 min
Delta R.T.: 0.003 min
Response: 2604130
Conc: 20.03 ug/ml



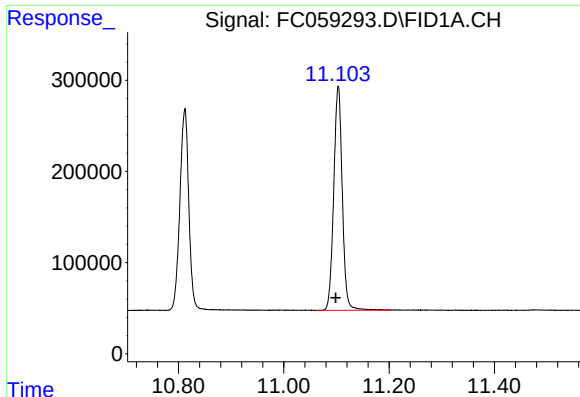
#7 n-Hexadecane (C16)

R.T.: 9.378 min
Delta R.T.: 0.003 min
Response: 2614548
Conc: 19.69 ug/ml



#8 n-Octadecane (C18)

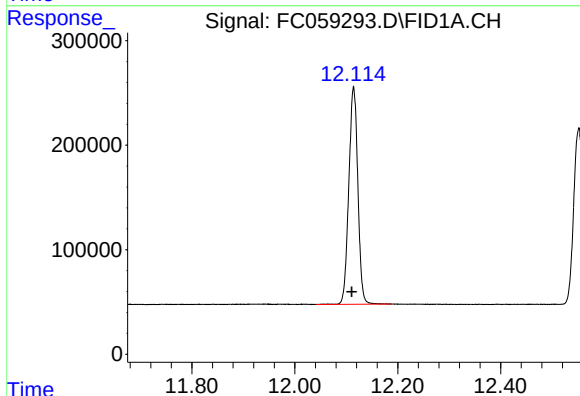
R.T.: 10.812 min
Delta R.T.: 0.003 min
Response: 2591167
Conc: 19.49 ug/ml



#9 ortho-Terphenyl (SURR)

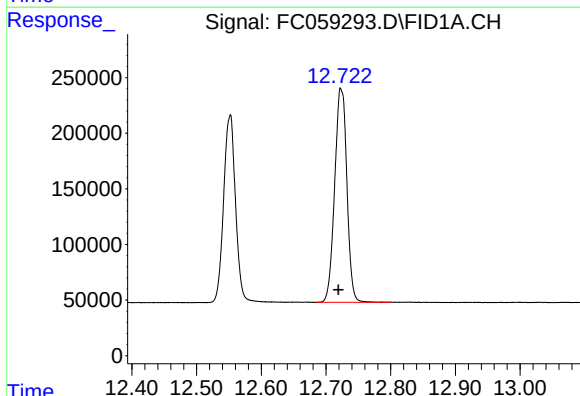
R.T.: 11.103 min
Delta R.T.: 0.005 min
Response: 2773505
Conc: 19.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



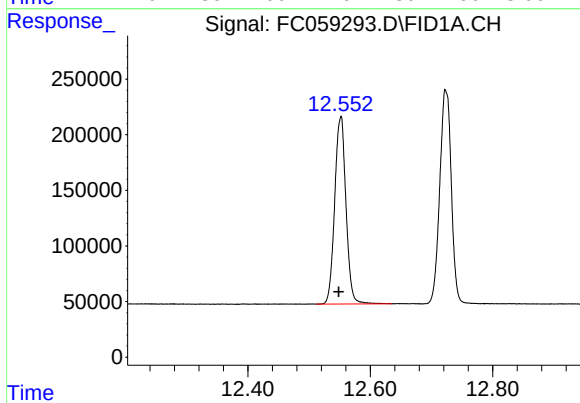
#10 n-Eicosane (C20)

R.T.: 12.114 min
Delta R.T.: 0.004 min
Response: 2534991
Conc: 19.35 ug/ml



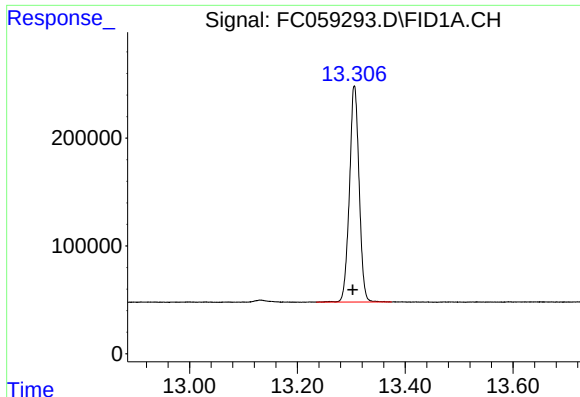
#11 n-Heneicosane (C21)

R.T.: 12.724 min
Delta R.T.: 0.004 min
Response: 2521564
Conc: 19.33 ug/ml



#12 1-chlorooctadecane (SURR)

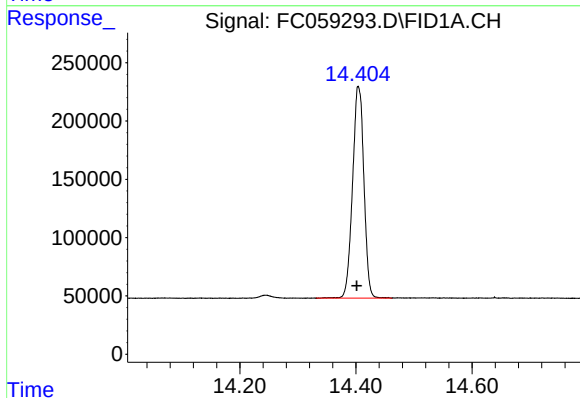
R.T.: 12.551 min
Delta R.T.: 0.003 min
Response: 2153474
Conc: 19.21 ug/ml



#13 n-Docosane (C22)

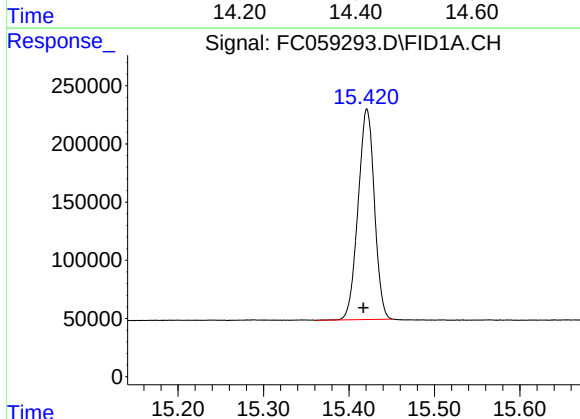
R.T.: 13.306 min
Delta R.T.: 0.003 min
Response: 2501803
Conc: 19.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



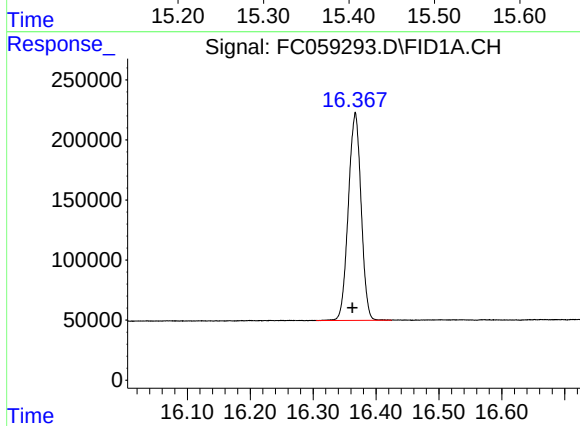
#14 n-Tetracosane (C24)

R.T.: 14.405 min
Delta R.T.: 0.003 min
Response: 2461654
Conc: 19.49 ug/ml



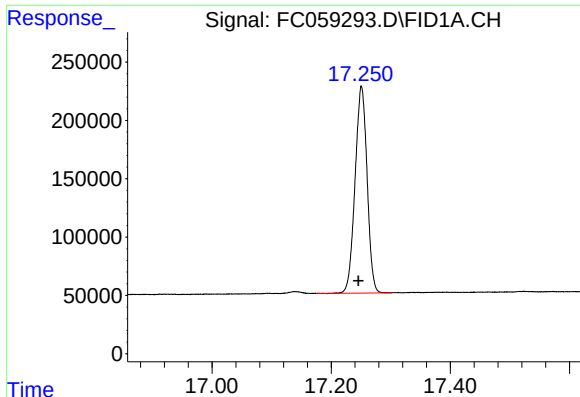
#15 n-Hexacosane (C26)

R.T.: 15.421 min
Delta R.T.: 0.004 min
Response: 2398653
Conc: 19.86 ug/ml



#16 n-Octacosane (C28)

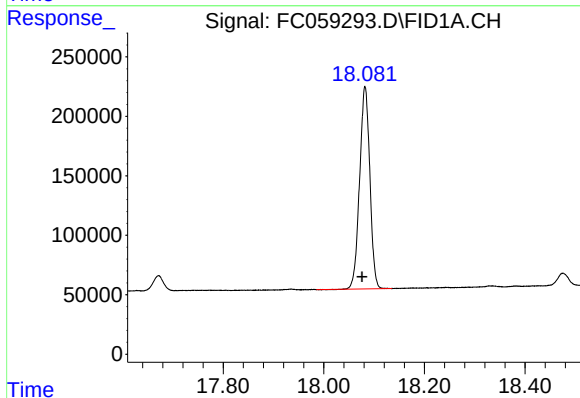
R.T.: 16.367 min
Delta R.T.: 0.004 min
Response: 2436253
Conc: 20.57 ug/ml



#17 n-Tricontane (C30)

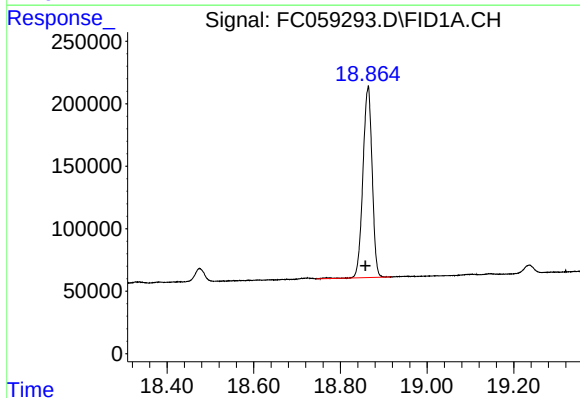
R.T.: 17.251 min
Delta R.T.: 0.005 min
Response: 2478201
Conc: 21.72 ug/ml

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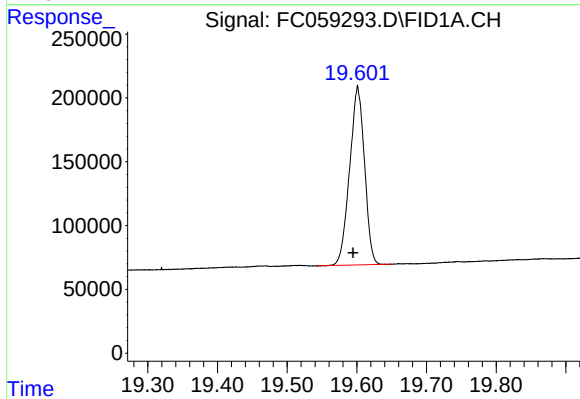
#18 n-Dotriacontane (C32)

R.T.: 18.082 min
Delta R.T.: 0.006 min
Response: 2403627
Conc: 22.44 ug/ml



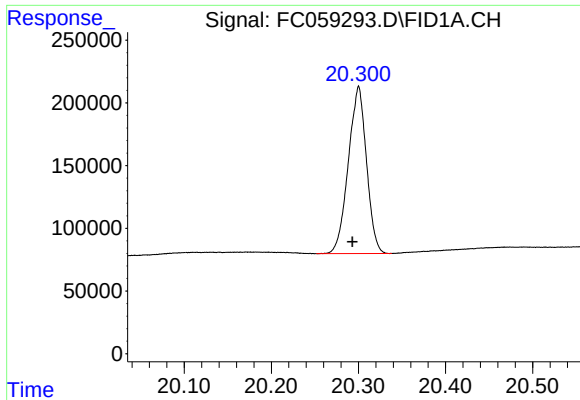
#19 n-Tetratriacontane (C34)

R.T.: 18.864 min
Delta R.T.: 0.006 min
Response: 2252595
Conc: 22.29 ug/ml



#20 n-Hexatriacontane (C36)

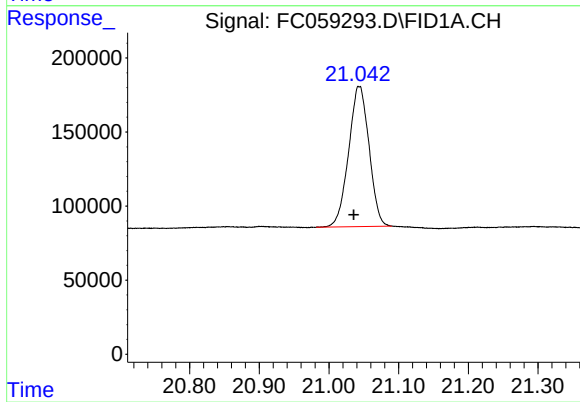
R.T.: 19.601 min
Delta R.T.: 0.006 min
Response: 2074104
Conc: 21.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.300 min
Delta R.T.: 0.007 min
Response: 1929536
Conc: 20.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.043 min
Delta R.T.: 0.008 min
Response: 1929476
Conc: 20.76 ug/ml