

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092619AL\
 Data File : FC043658.D
 Signal(s) : FID1A.CH
 Acq On : 27 Sep 2019 1:11
 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: autoint1.e
 Quant Time: Sep 27 02:55:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 10:57:53 2019
 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)	11.586	2956202	19.477 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
12) S 1-chlorooctadecane (S...	13.006	2292498	19.336 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
Target Compounds			
1) T n-Nonane (C9)	3.435	2490545	20.599 ug/ml
2) T n-Decane (C10)	4.487	2516994	20.795 ug/ml
3) T A~Naphthalene (C11.7)	6.066	2501396	21.246 ug/ml
4) T n-Dodecane (C12)	6.479	2639441	20.868 ug/ml
5) T A~2-methylnaphthalene...	7.111	2558462	21.232 ug/ml
6) T n-Tetradecane (C14)	8.253	2679314	20.815 ug/ml
7) T n-Hexadecane (C16)	9.837	2715025	20.620 ug/ml
8) T n-Octadecane (C18)	11.265	2748735	20.153 ug/ml
10) T n-Eicosane (C20)	12.563	2741114	19.639 ug/ml
11) T n-Heneicosane (C21)	13.171	2746304	19.325 ug/ml
13) T n-Docosane (C22)	13.752	2701056	19.010 ug/ml
14) T n-Tetracosane (C24)	14.847	2637144	18.370 ug/ml
15) T n-Hexacosane (C26)	15.861	2537224	17.743 ug/ml
16) T n-Octacosane (C28)	16.804	2429996	17.142 ug/ml
17) T n-Tricontane (C30)	17.687	2343735	16.712 ug/ml
18) T n-Dotriacontane (C32)	18.513	2197708	16.545 ug/ml
19) T n-Tetratriacontane (C34)	19.294	2099854	16.806 ug/ml
20) T n-Hexatriacontane (C36)	20.030	1977708	17.110 ug/ml
21) T n-Octatriacontane (C38)	20.754	1885647	17.717 ug/ml
22) T n-Tetracontane (C40)	21.637	1936248	18.518 ug/ml

(f)=RT Delta > 1/2 Window

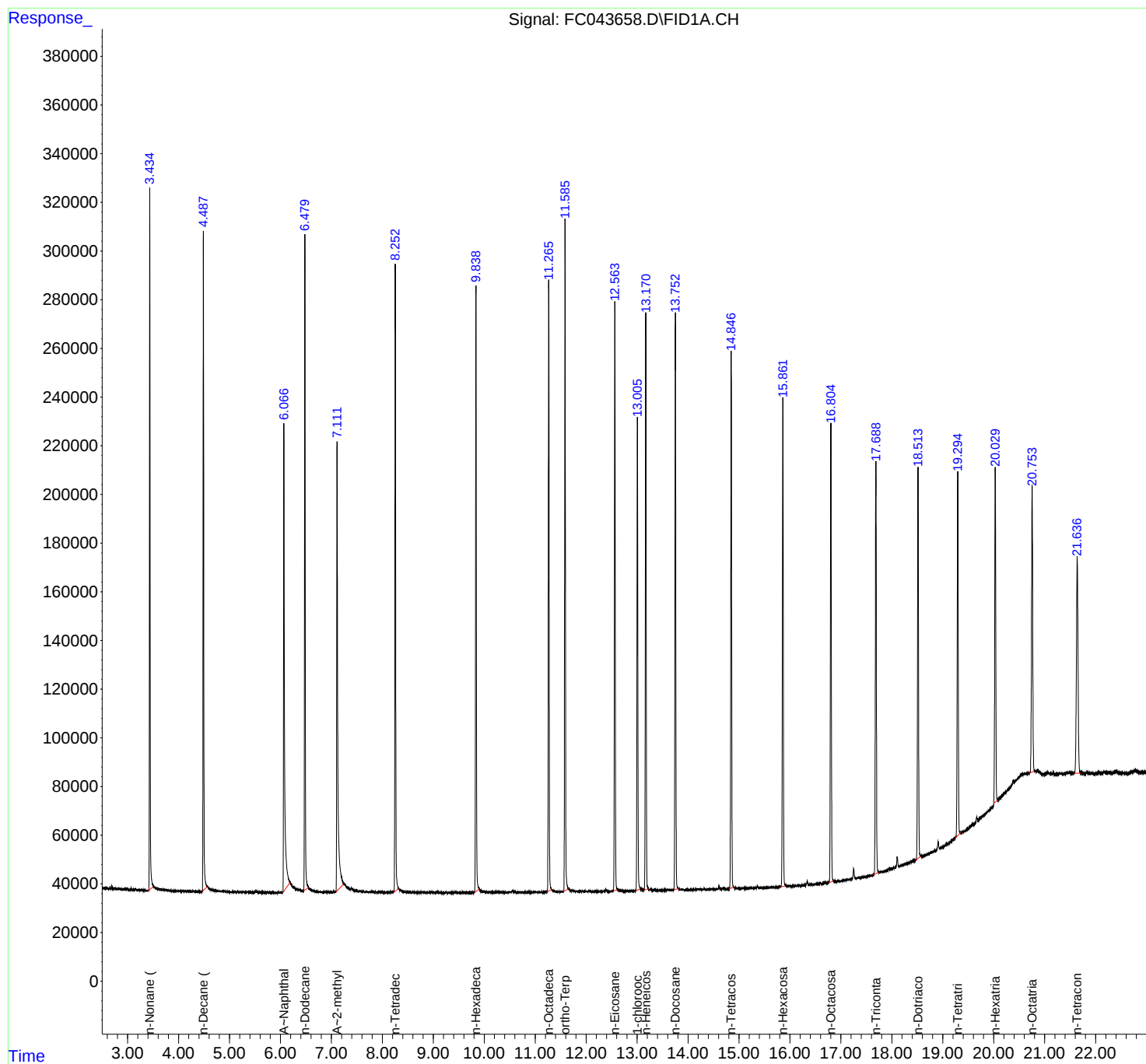
(m)=manual int.

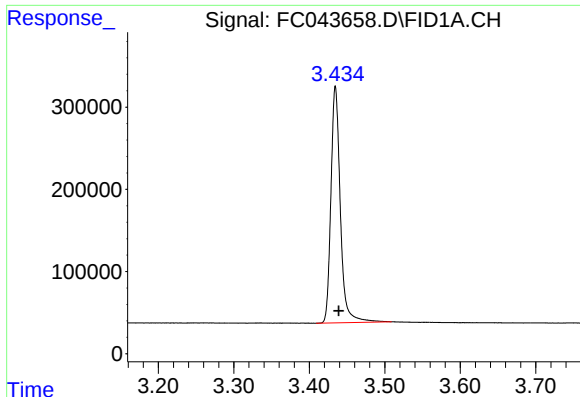
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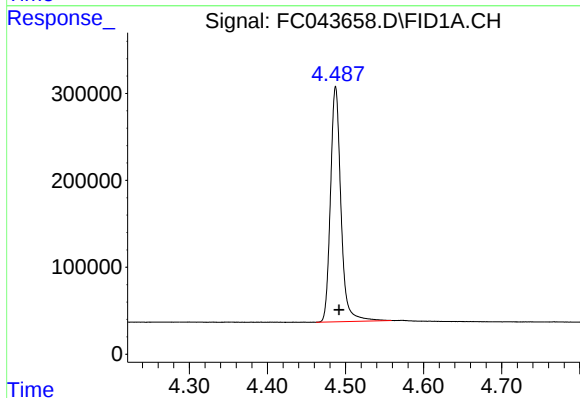




#1 n-Nonane (C9)

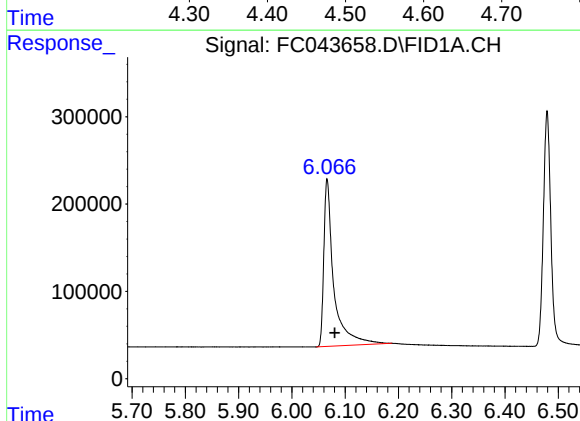
R.T.: 3.435 min
Delta R.T.: -0.004 min
Response: 2490545
Conc: 20.60 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



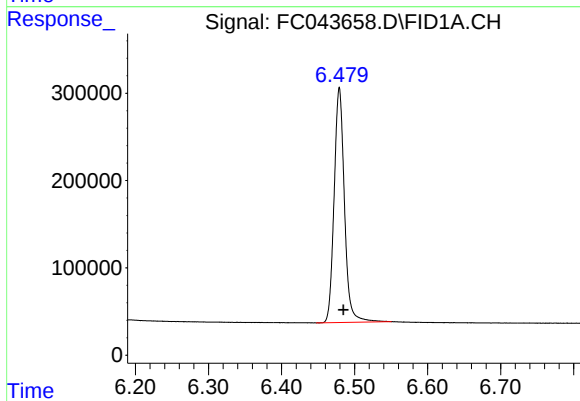
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.004 min
Response: 2516994
Conc: 20.79 ug/ml



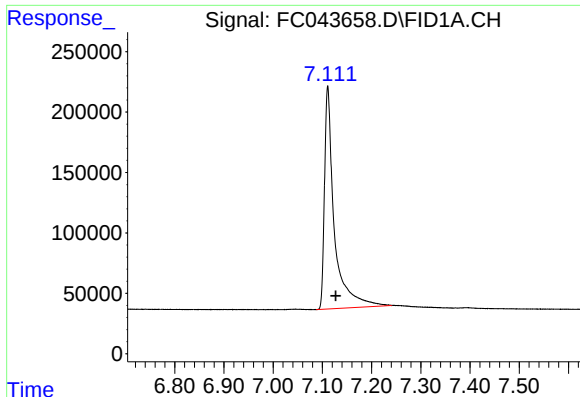
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: -0.014 min
Response: 2501396
Conc: 21.25 ug/ml



#4 n-Dodecane (C12)

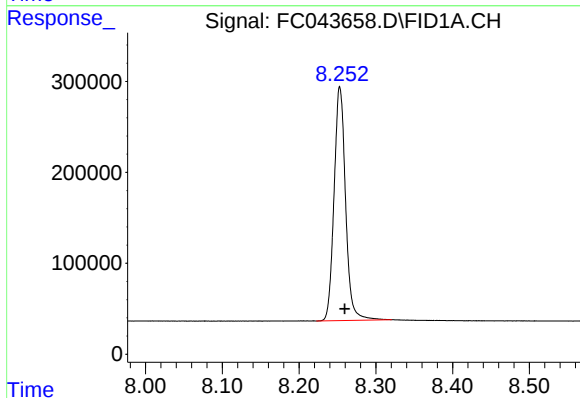
R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 2639441
Conc: 20.87 ug/ml



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

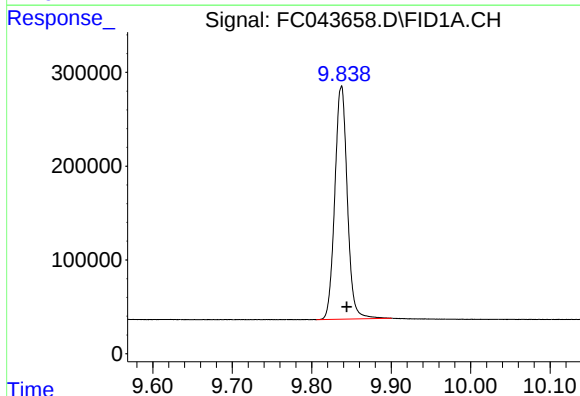
R.T.: 7.111 min
Delta R.T.: -0.016 min
Response: 2558462
Conc: 21.23 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



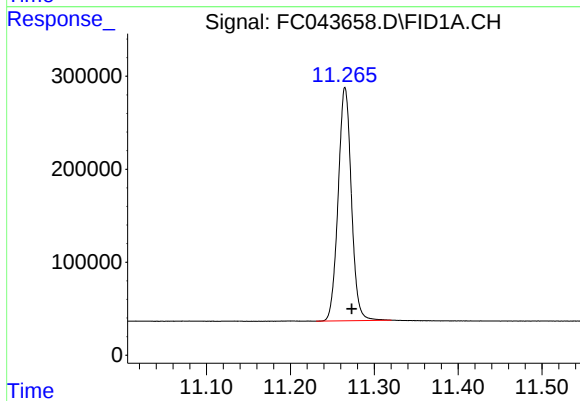
#6 n-Tetradecane (C14)

R.T.: 8.253 min
Delta R.T.: -0.006 min
Response: 2679314
Conc: 20.81 ug/ml



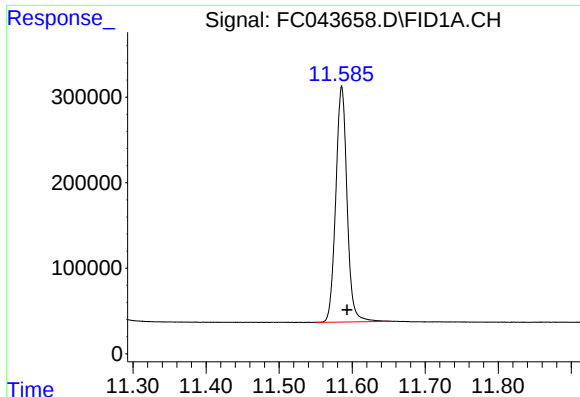
#7 n-Hexadecane (C16)

R.T.: 9.837 min
Delta R.T.: -0.007 min
Response: 2715025
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

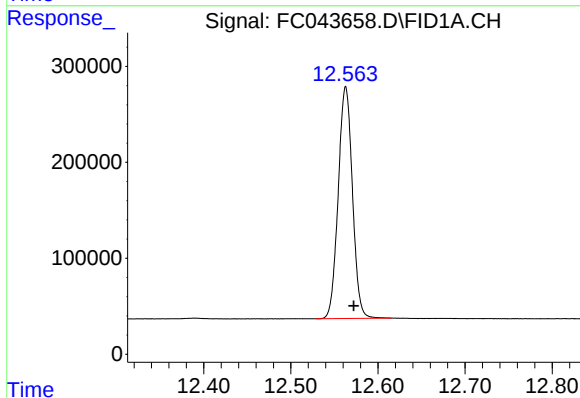
R.T.: 11.265 min
Delta R.T.: -0.008 min
Response: 2748735
Conc: 20.15 ug/ml



#9 ortho-Terphenyl (SURR)

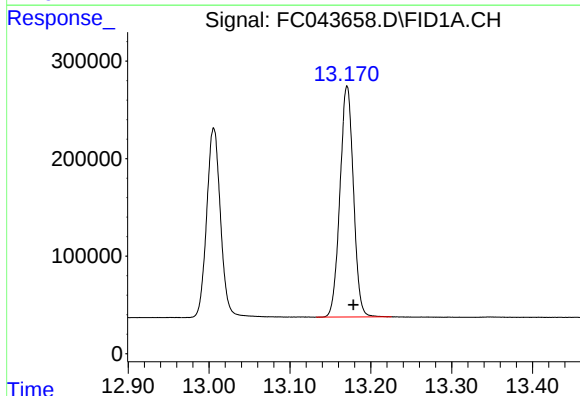
R.T.: 11.586 min
Delta R.T.: -0.007 min
Response: 2956202
Conc: 19.48 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



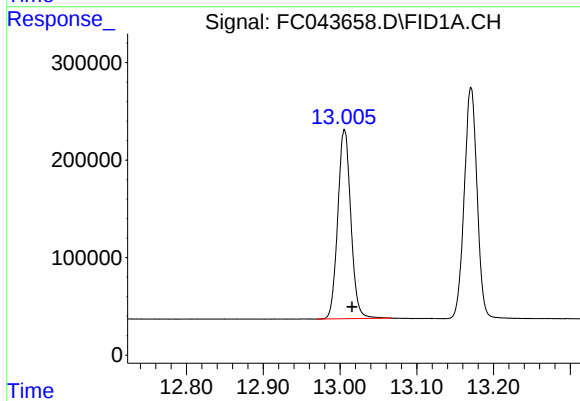
#10 n-Eicosane (C20)

R.T.: 12.563 min
Delta R.T.: -0.009 min
Response: 2741114
Conc: 19.64 ug/ml



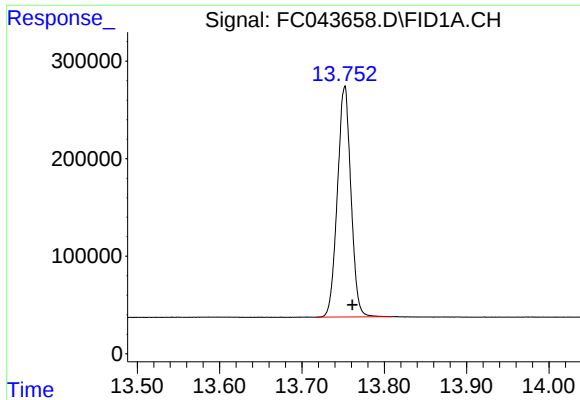
#11 n-Heneicosane (C21)

R.T.: 13.171 min
Delta R.T.: -0.008 min
Response: 2746304
Conc: 19.32 ug/ml



#12 1-chlorooctadecane (SURR)

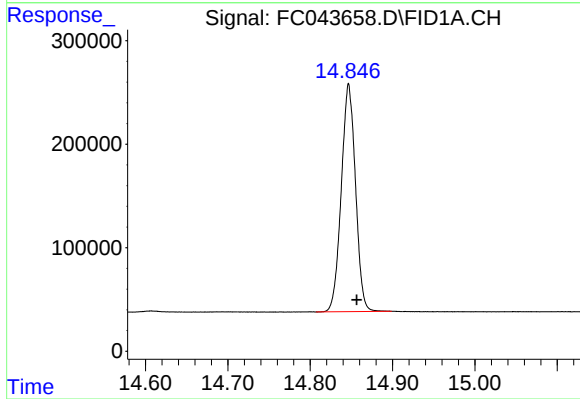
R.T.: 13.006 min
Delta R.T.: -0.010 min
Response: 2292498
Conc: 19.34 ug/ml



#13 n-Docosane (C22)

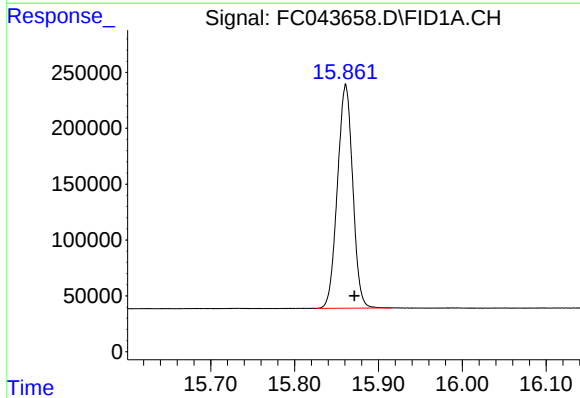
R.T.: 13.752 min
Delta R.T.: -0.009 min
Response: 2701056
Conc: 19.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



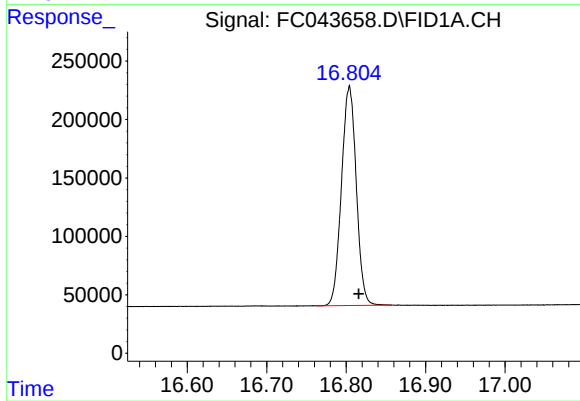
#14 n-Tetracosane (C24)

R.T.: 14.847 min
Delta R.T.: -0.010 min
Response: 2637144
Conc: 18.37 ug/ml



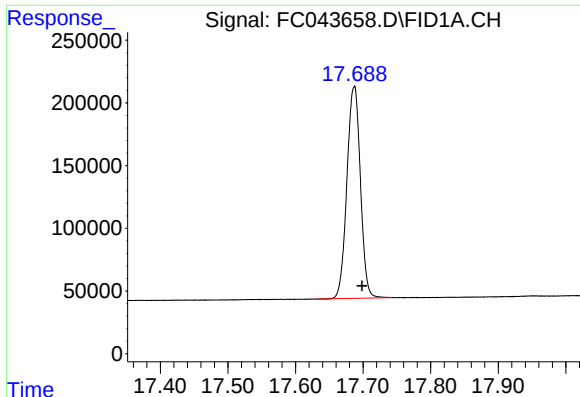
#15 n-Hexacosane (C26)

R.T.: 15.861 min
Delta R.T.: -0.010 min
Response: 2537224
Conc: 17.74 ug/ml



#16 n-Octacosane (C28)

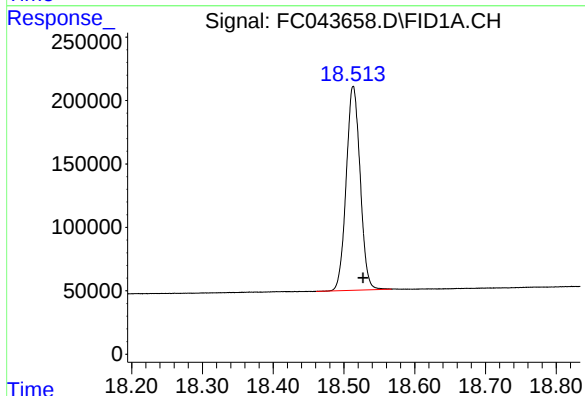
R.T.: 16.804 min
Delta R.T.: -0.012 min
Response: 2429996
Conc: 17.14 ug/ml



#17 n-Tricontane (C30)

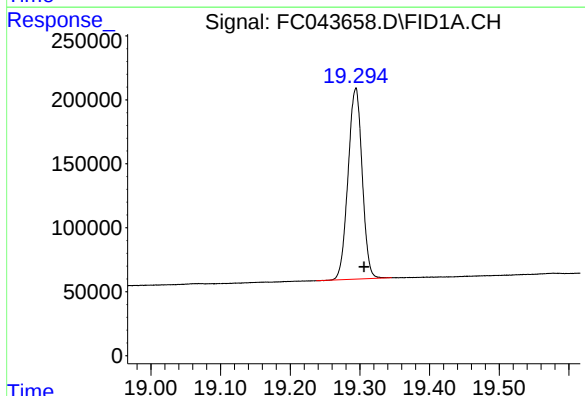
R.T.: 17.687 min
Delta R.T.: -0.012 min
Response: 2343735
Conc: 16.71 ug/ml

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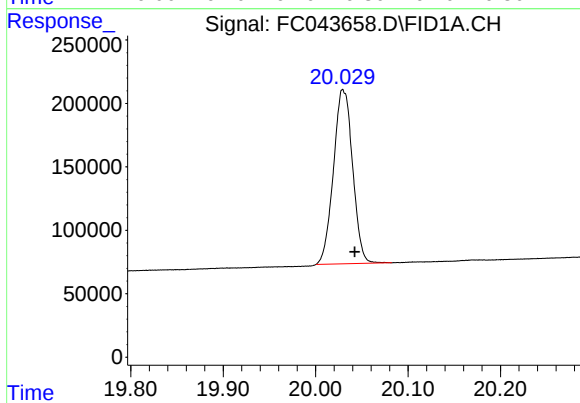
#18 n-Dotriacontane (C32)

R.T.: 18.513 min
Delta R.T.: -0.014 min
Response: 2197708
Conc: 16.54 ug/ml



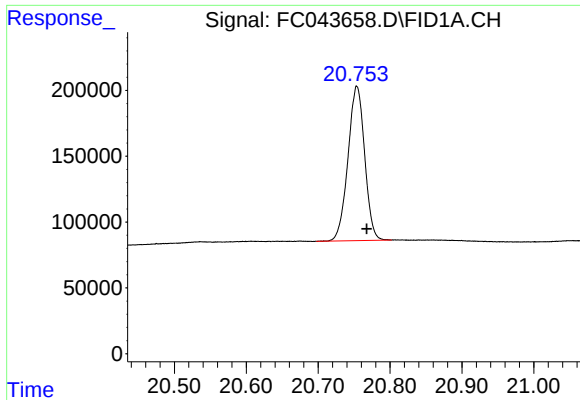
#19 n-Tetratriacontane (C34)

R.T.: 19.294 min
Delta R.T.: -0.012 min
Response: 2099854
Conc: 16.81 ug/ml



#20 n-Hexatriacontane (C36)

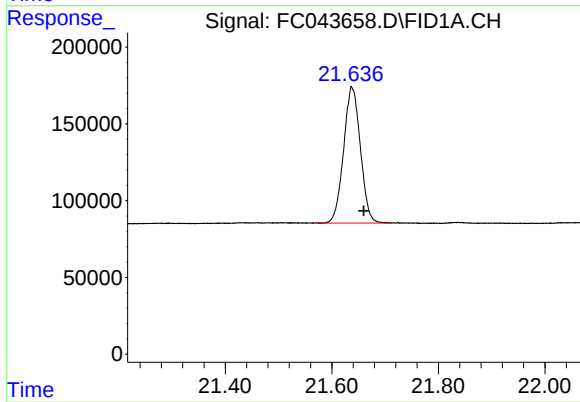
R.T.: 20.030 min
Delta R.T.: -0.013 min
Response: 1977708
Conc: 17.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min
Delta R.T.: -0.014 min
Response: 1885647
Conc: 17.72 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.637 min
Delta R.T.: -0.023 min
Response: 1936248
Conc: 18.52 ug/ml