

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040125AL\
 Data File : FC068484.D
 Signal(s) : FID1A.ch
 Acq On : 02 Apr 2025 01:23
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 02 03:02:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 13:35:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.380	3739317	18.826 ug/ml
Spiked Amount 50.000		Recovery =	37.65%
12) S 1-chlorooctadecane (S...	12.822	2783813	18.674 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
Target Compounds			
1) T n-Nonane (C9)	3.197	3139728	19.630 ug/ml
2) T n-Decane (C10)	4.251	3228402	19.915 ug/ml
3) T A~Naphthalene (C11.7)	5.815	3527475	19.966 ug/ml
4) T n-Dodecane (C12)	6.257	3263306	19.789 ug/ml
5) T A~2-methylnaphthalene...	6.867	3403834	20.011 ug/ml
6) T n-Tetradecane (C14)	8.045	3236232	19.669 ug/ml
7) T n-Hexadecane (C16)	9.639	3360378	19.554 ug/ml
8) T n-Octadecane (C18)	11.076	3339346	19.025 ug/ml
10) T n-Eicosane (C20)	12.381	3235473	18.892 ug/ml
11) T n-Heneicosane (C21)	12.991	3156843	18.820 ug/ml
13) T n-Docosane (C22)	13.577	3135672	18.587 ug/ml
14) T n-Tetracosane (C24)	14.677	3092730	18.058 ug/ml
15) T n-Hexacosane (C26)	15.696	3013961	17.908 ug/ml
16) T n-Octacosane (C28)	16.643	2989871	17.881 ug/ml
17) T n-Tricontane (C30)	17.529	3156631	18.105 ug/ml
18) T n-Dotriacontane (C32)	18.360	3057917	18.267 ug/ml
19) T n-Tetratriacontane (C34)	19.142	2610578	17.699 ug/ml
20) T n-Hexatriacontane (C36)	19.879	2180417	17.817 ug/ml
21) T n-Octatriacontane (C38)	20.588	1983203	18.468 ug/ml
22) T n-Tetracontane (C40)	21.434	1894847	19.334 ug/ml

(f)=RT Delta > 1/2 Window

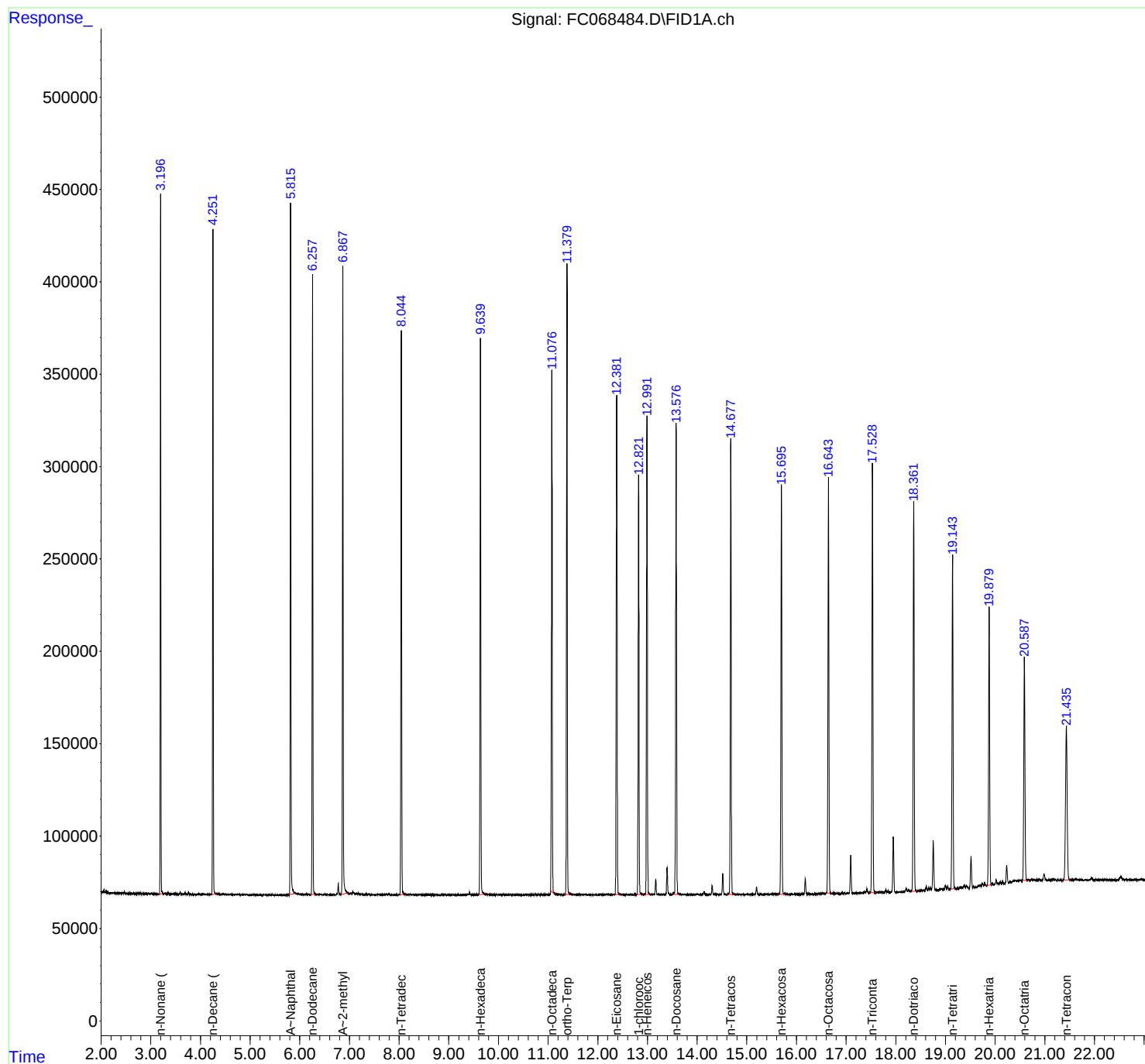
(m)=manual int.

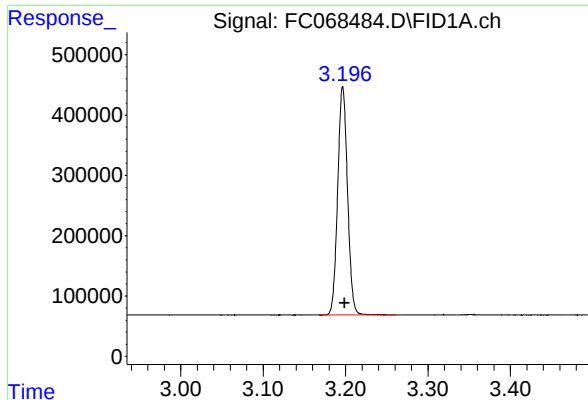
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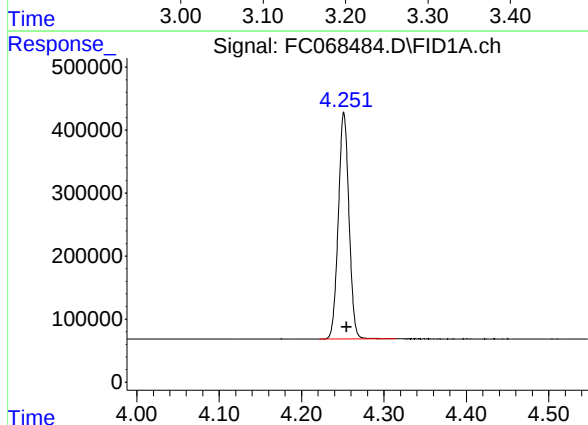




#1 n-Nonane (C9)

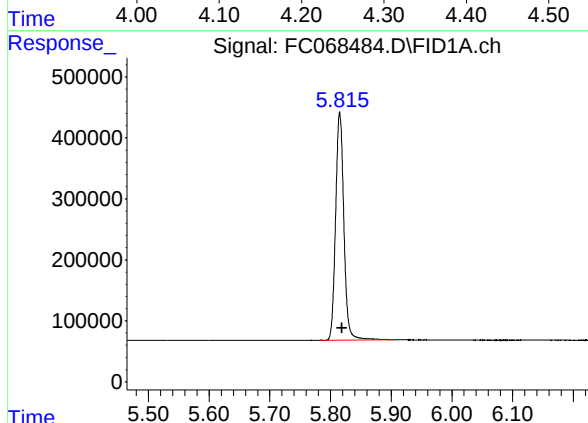
R.T.: 3.197 min
Delta R.T.: -0.002 min
Response: 3139728
Conc: 19.63 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



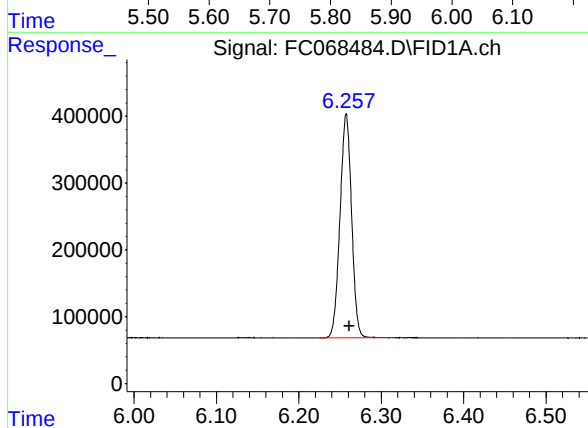
#2 n-Decane (C10)

R.T.: 4.251 min
Delta R.T.: -0.003 min
Response: 3228402
Conc: 19.92 ug/ml



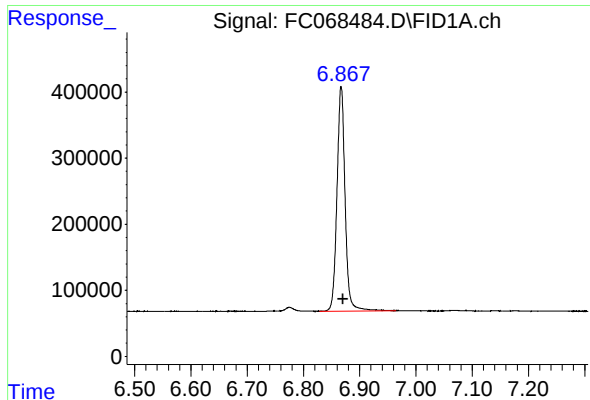
#3 A~Naphthalene (C11.7)

R.T.: 5.815 min
Delta R.T.: -0.004 min
Response: 3527475
Conc: 19.97 ug/ml



#4 n-Dodecane (C12)

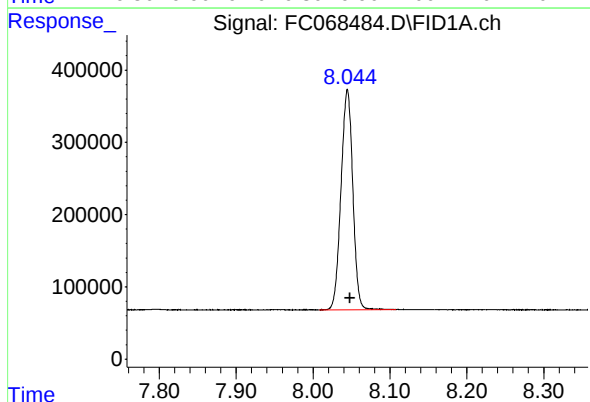
R.T.: 6.257 min
Delta R.T.: -0.004 min
Response: 3263306
Conc: 19.79 ug/ml



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

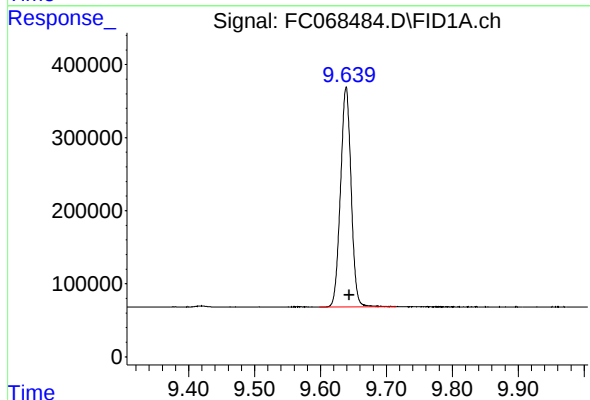
R.T.: 6.867 min
Delta R.T.: -0.004 min
Response: 3403834
Conc: 20.01 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



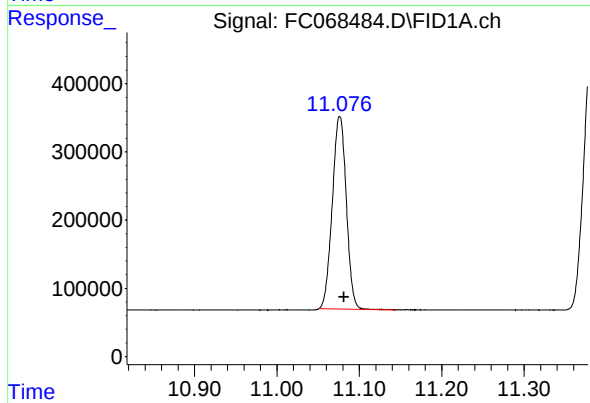
#6 n-Tetradecane (C14)

R.T.: 8.045 min
Delta R.T.: -0.004 min
Response: 3236232
Conc: 19.67 ug/ml



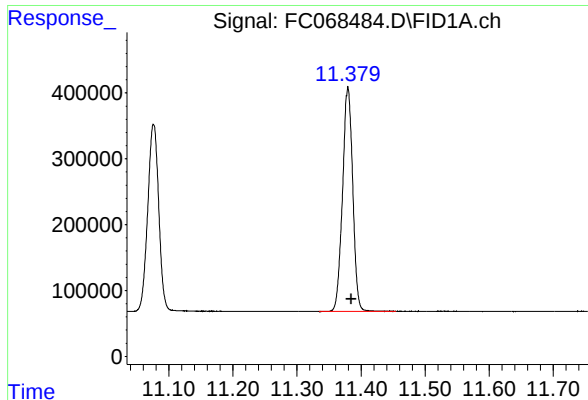
#7 n-Hexadecane (C16)

R.T.: 9.639 min
Delta R.T.: -0.005 min
Response: 3360378
Conc: 19.55 ug/ml



#8 n-Octadecane (C18)

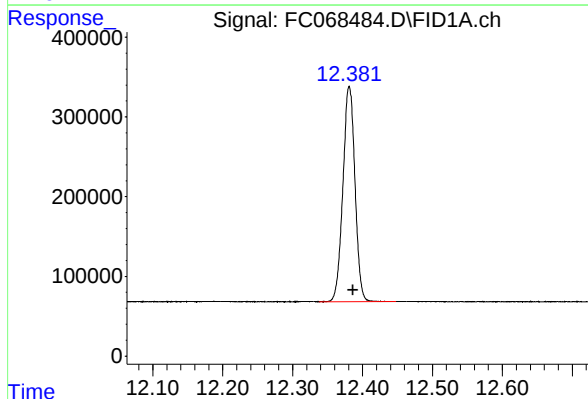
R.T.: 11.076 min
Delta R.T.: -0.005 min
Response: 3339346
Conc: 19.02 ug/ml



#9 ortho-Terphenyl (SURR)

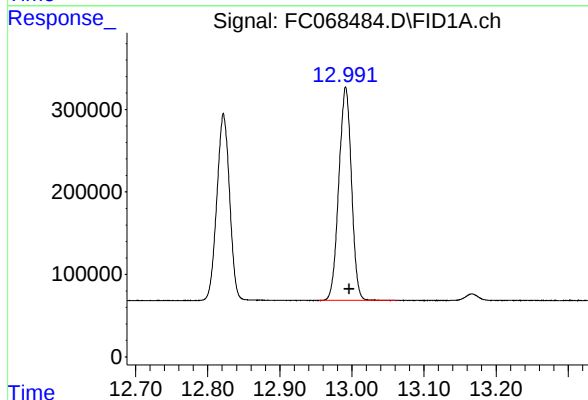
R.T.: 11.380 min
Delta R.T.: -0.005 min
Response: 3739317
Conc: 18.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



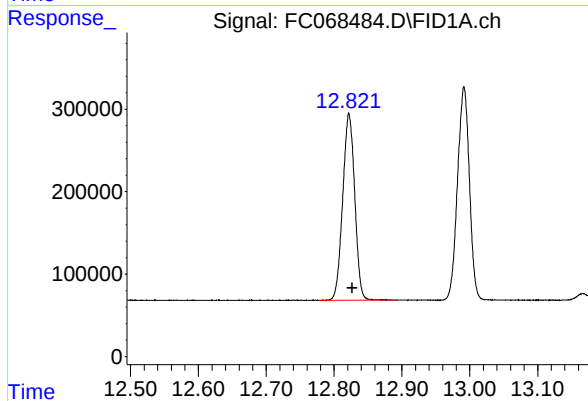
#10 n-Eicosane (C20)

R.T.: 12.381 min
Delta R.T.: -0.005 min
Response: 3235473
Conc: 18.89 ug/ml



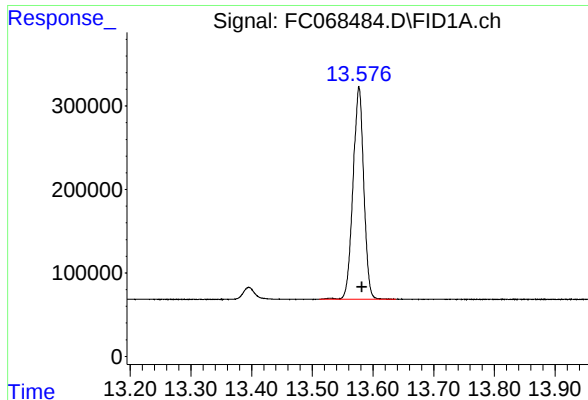
#11 n-Heneicosane (C21)

R.T.: 12.991 min
Delta R.T.: -0.005 min
Response: 3156843
Conc: 18.82 ug/ml



#12 1-chlorooctadecane (SURR)

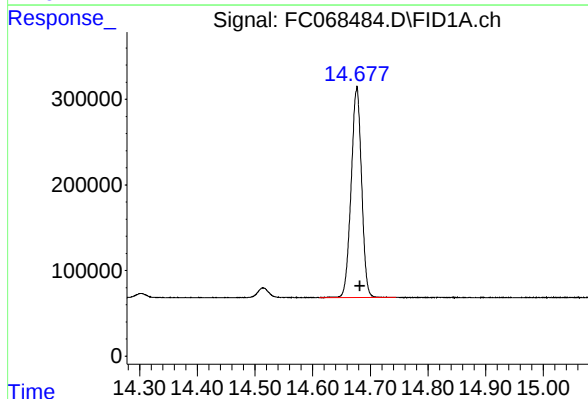
R.T.: 12.822 min
Delta R.T.: -0.005 min
Response: 2783813
Conc: 18.67 ug/ml



#13 n-Docosane (C22)

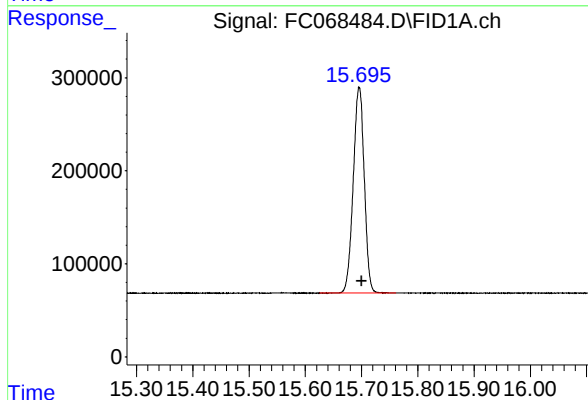
R.T.: 13.577 min
Delta R.T.: -0.005 min
Response: 3135672
Conc: 18.59 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



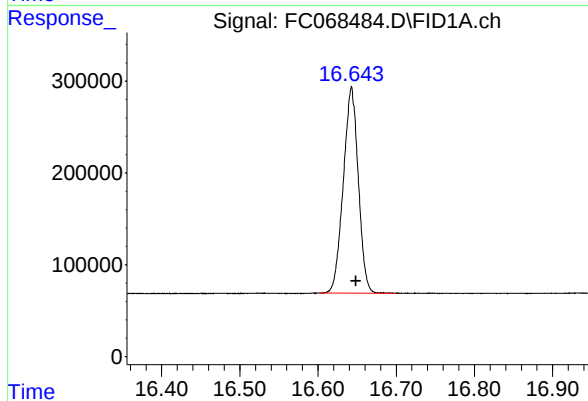
#14 n-Tetracosane (C24)

R.T.: 14.677 min
Delta R.T.: -0.006 min
Response: 3092730
Conc: 18.06 ug/ml



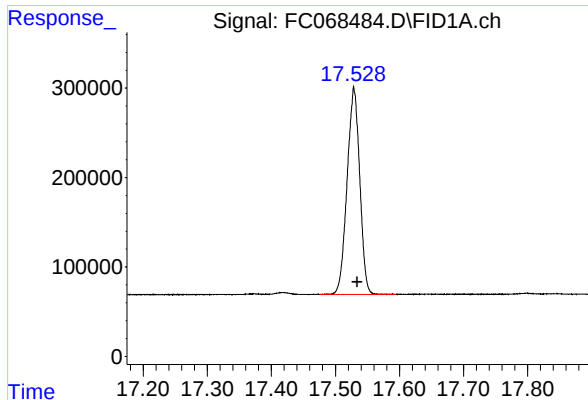
#15 n-Hexacosane (C26)

R.T.: 15.696 min
Delta R.T.: -0.005 min
Response: 3013961
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

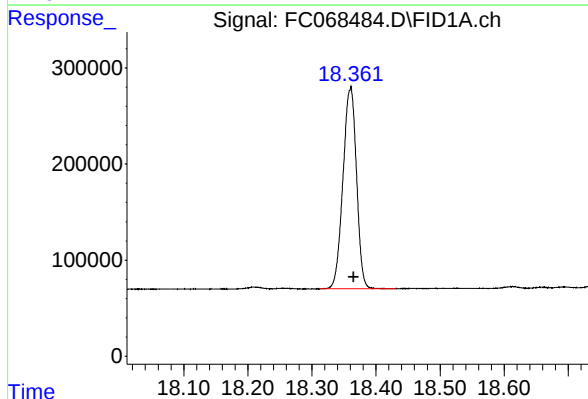
R.T.: 16.643 min
Delta R.T.: -0.006 min
Response: 2989871
Conc: 17.88 ug/ml



#17 n-Tricontane (C30)

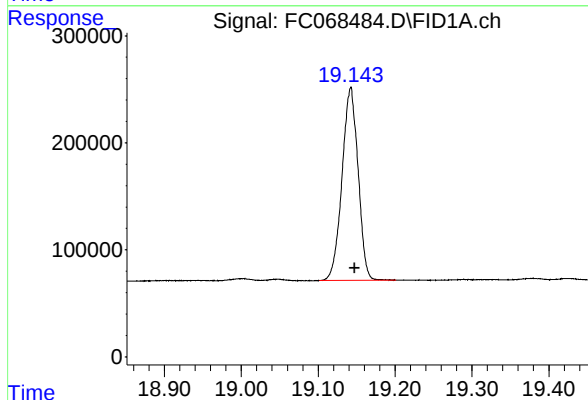
R.T.: 17.529 min
Delta R.T.: -0.005 min
Response: 3156631
Conc: 18.10 ug/ml

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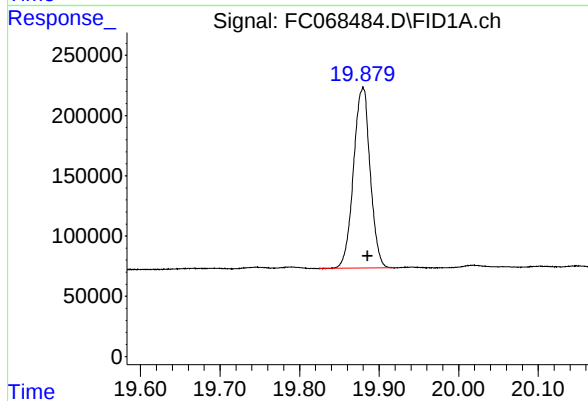
#18 n-Dotriacontane (C32)

R.T.: 18.360 min
Delta R.T.: -0.005 min
Response: 3057917
Conc: 18.27 ug/ml



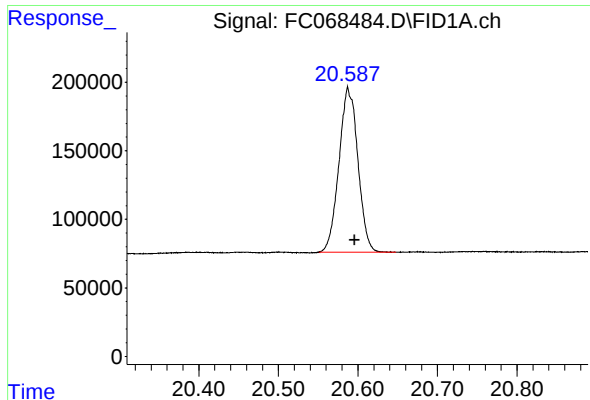
#19 n-Tetratriacontane (C34)

R.T.: 19.142 min
Delta R.T.: -0.005 min
Response: 2610578
Conc: 17.70 ug/ml



#20 n-Hexatriacontane (C36)

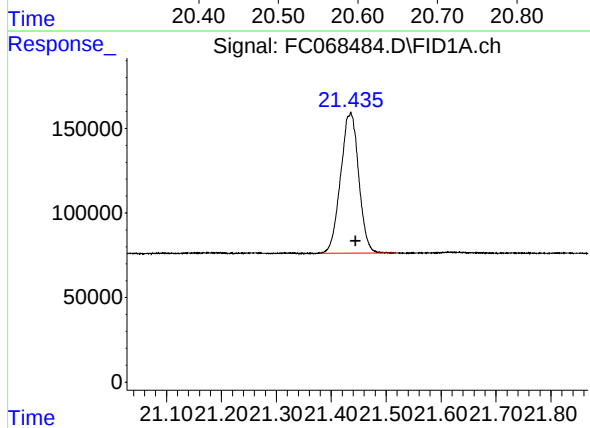
R.T.: 19.879 min
Delta R.T.: -0.007 min
Response: 2180417
Conc: 17.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.588 min
Delta R.T.: -0.007 min
Response: 1983203
Conc: 18.47 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.434 min
Delta R.T.: -0.010 min
Response: 1894847
Conc: 19.33 ug/ml