

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081022AL\
 Data File : FC061040.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2022 09:55
 Operator : YP/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: Aug 10 10:33:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 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)	10.633	3080220	18.769 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
12) S 1-chlorooctadecane (S...	11.997	2487872	18.740 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
Target Compounds			
1) T n-Nonane (C9)	2.635	2837985	20.151 ug/ml
2) T n-Decane (C10)	3.628	2860704	20.279 ug/ml
3) T A~Naphthalene (C11.7)	5.172	2962087	20.838 ug/ml
4) T n-Dodecane (C12)	5.572	3008195	20.296 ug/ml
5) T A~2-methylnaphthalene...	6.195	2769690	20.195 ug/ml
6) T n-Tetradecane (C14)	7.319	3017449	20.098 ug/ml
7) T n-Hexadecane (C16)	8.879	3041096	19.872 ug/ml
8) T n-Octadecane (C18)	10.284	3062481	19.612 ug/ml
10) T n-Eicosane (C20)	11.560	3008042	19.168 ug/ml
11) T n-Heneicosane (C21)	12.157	2963849	18.942 ug/ml
13) T n-Docosane (C22)	12.729	2908613	18.655 ug/ml
14) T n-Tetracosane (C24)	13.805	2766773	18.123 ug/ml
15) T n-Hexacosane (C26)	14.800	2629002	17.612 ug/ml
16) T n-Octacosane (C28)	15.726	2515228	17.553 ug/ml
17) T n-Tricontane (C30)	16.591	2531457	18.082 ug/ml
18) T n-Dotriacontane (C32)	17.402	2570736	19.048 ug/ml
19) T n-Tetratriacontane (C34)	18.166	2521655	20.106 ug/ml
20) T n-Hexatriacontane (C36)	18.886	2578375	21.094 ug/ml
21) T n-Octatriacontane (C38)	19.568	2563166	21.717 ug/ml
22) T n-Tetracontane (C40)	20.215	2530446	21.985 ug/ml

(f)=RT Delta > 1/2 Window

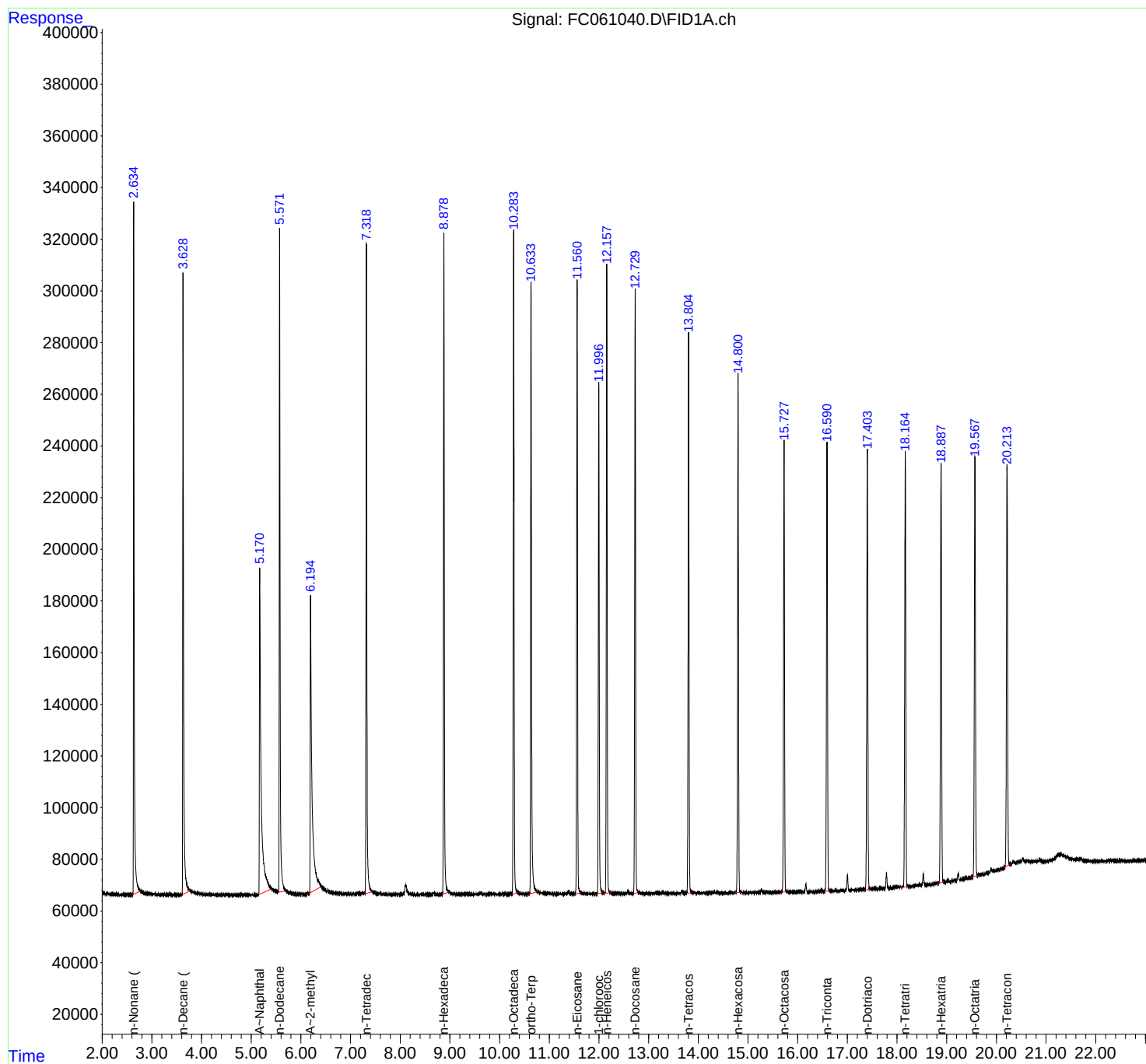
(m)=manual int.

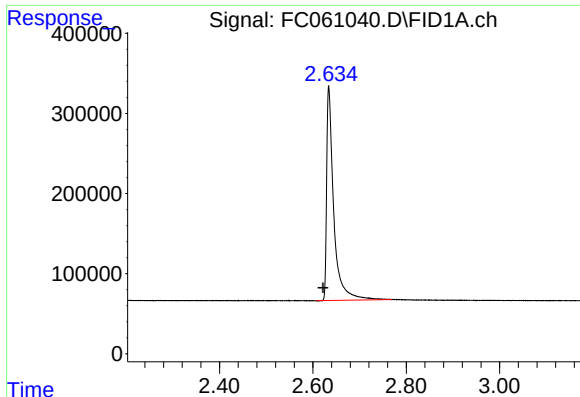
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081022AL\
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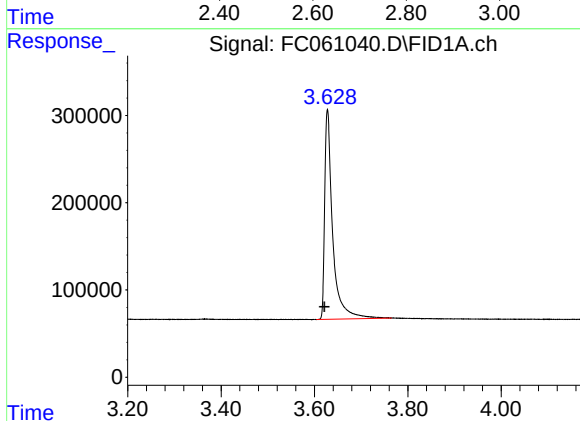




#1 n-Nonane (C9)

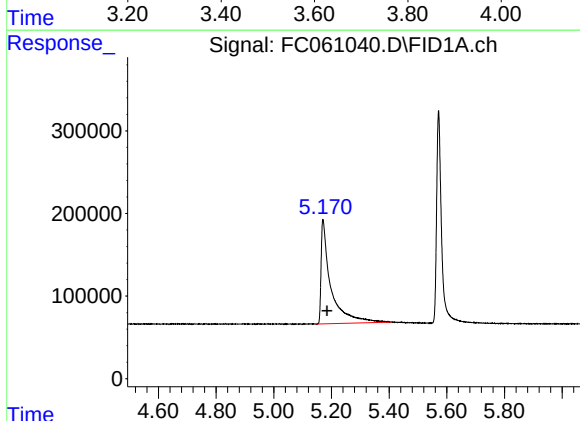
R.T.: 2.635 min
Delta R.T.: 0.013 min
Response: 2837985
Conc: 20.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



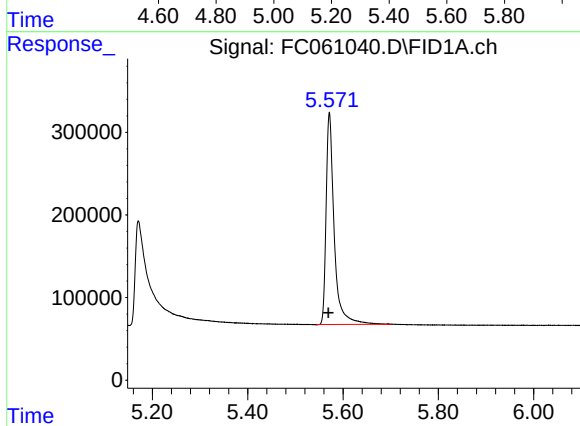
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: 0.007 min
Response: 2860704
Conc: 20.28 ug/ml



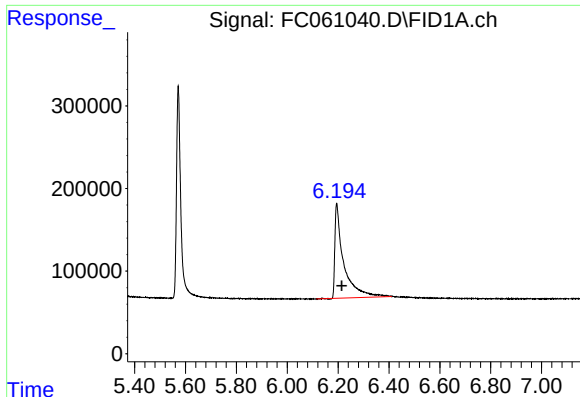
#3 A~Naphthalene (C11.7)

R.T.: 5.172 min
Delta R.T.: -0.013 min
Response: 2962087
Conc: 20.84 ug/ml



#4 n-Dodecane (C12)

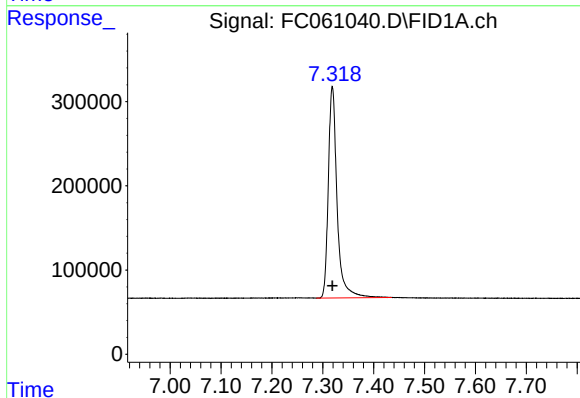
R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 3008195
Conc: 20.30 ug/ml



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

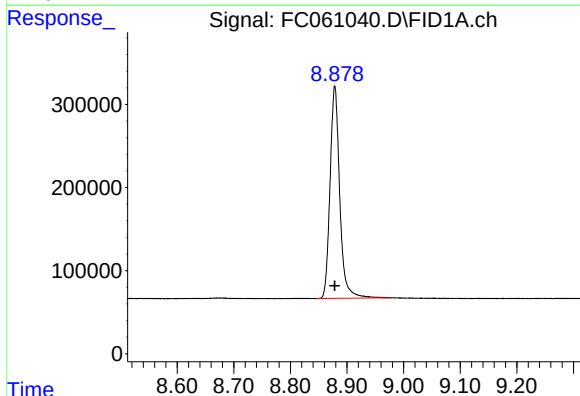
R.T.: 6.195 min
Delta R.T.: -0.019 min
Response: 2769690
Conc: 20.19 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



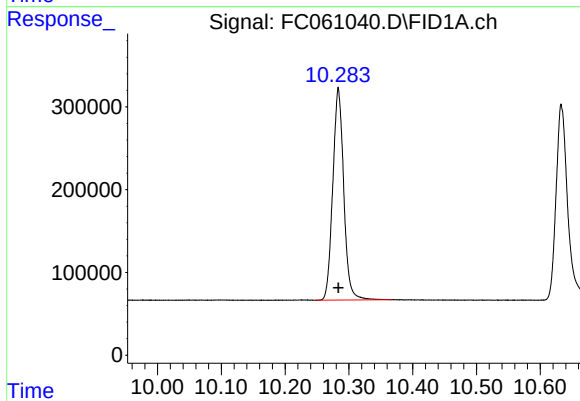
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 3017449
Conc: 20.10 ug/ml



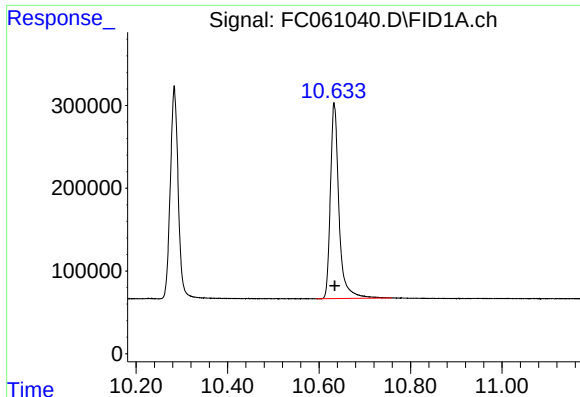
#7 n-Hexadecane (C16)

R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 3041096
Conc: 19.87 ug/ml



#8 n-Octadecane (C18)

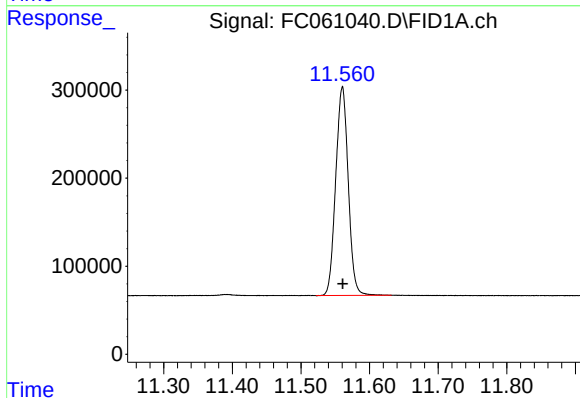
R.T.: 10.284 min
Delta R.T.: 0.000 min
Response: 3062481
Conc: 19.61 ug/ml



#9 ortho-Terphenyl (SURR)

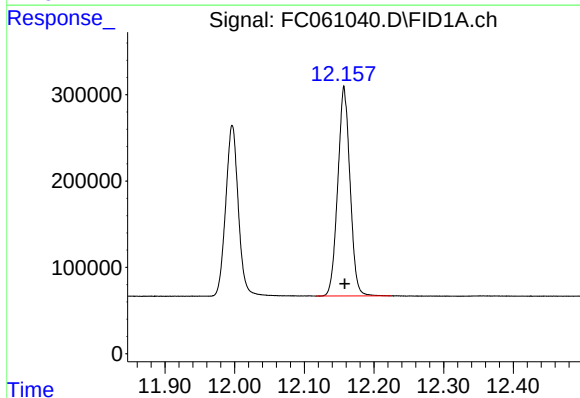
R.T.: 10.633 min
Delta R.T.: -0.001 min
Response: 3080220
Conc: 18.77 ug/ml

Instrument :
FID_C
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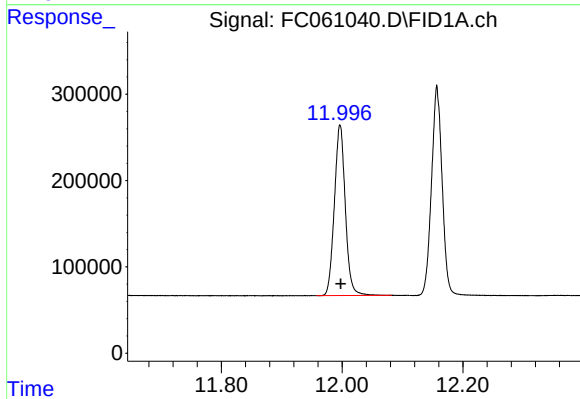
#10 n-Eicosane (C20)

R.T.: 11.560 min
Delta R.T.: 0.000 min
Response: 3008042
Conc: 19.17 ug/ml



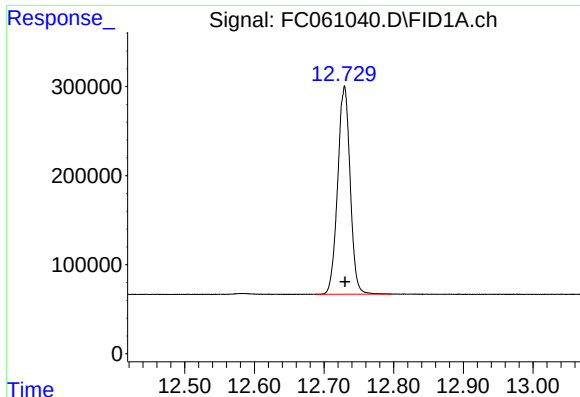
#11 n-Heneicosane (C21)

R.T.: 12.157 min
Delta R.T.: 0.000 min
Response: 2963849
Conc: 18.94 ug/ml



#12 1-chlorooctadecane (SURR)

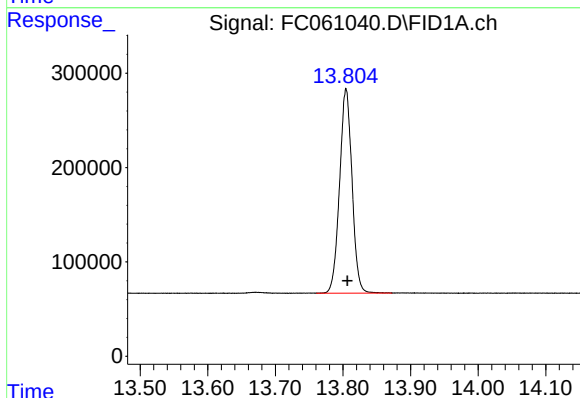
R.T.: 11.997 min
Delta R.T.: 0.000 min
Response: 2487872
Conc: 18.74 ug/ml



#13 n-Docosane (C22)

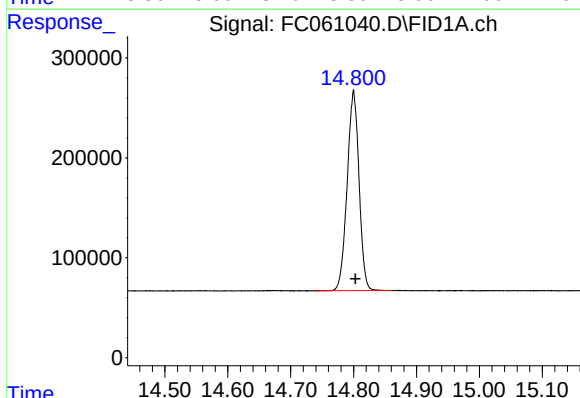
R.T.: 12.729 min
Delta R.T.: -0.001 min
Response: 2908613
Conc: 18.65 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



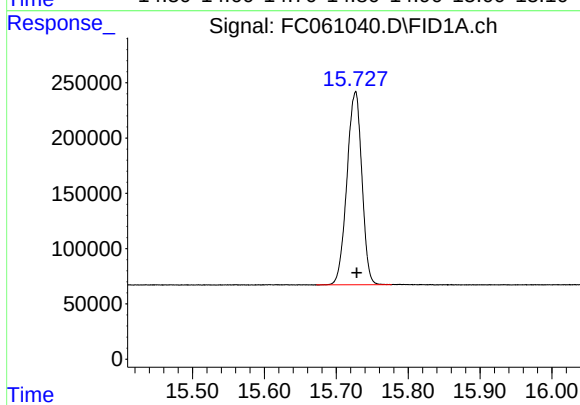
#14 n-Tetracosane (C24)

R.T.: 13.805 min
Delta R.T.: -0.002 min
Response: 2766773
Conc: 18.12 ug/ml



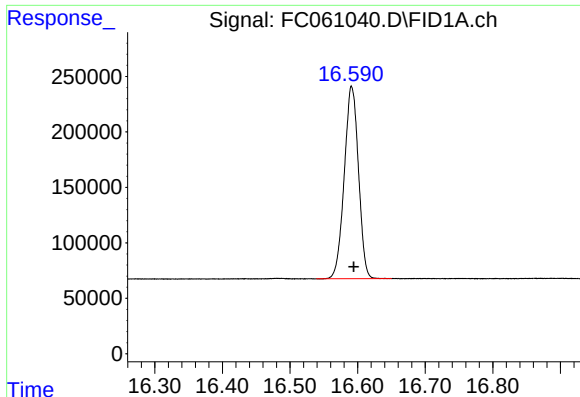
#15 n-Hexacosane (C26)

R.T.: 14.800 min
Delta R.T.: -0.003 min
Response: 2629002
Conc: 17.61 ug/ml



#16 n-Octacosane (C28)

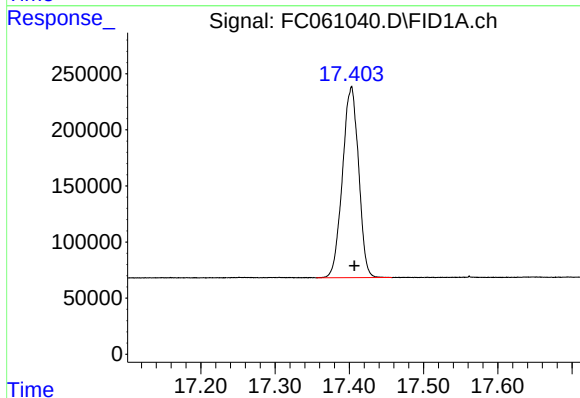
R.T.: 15.726 min
Delta R.T.: -0.002 min
Response: 2515228
Conc: 17.55 ug/ml



#17 n-Tricontane (C30)

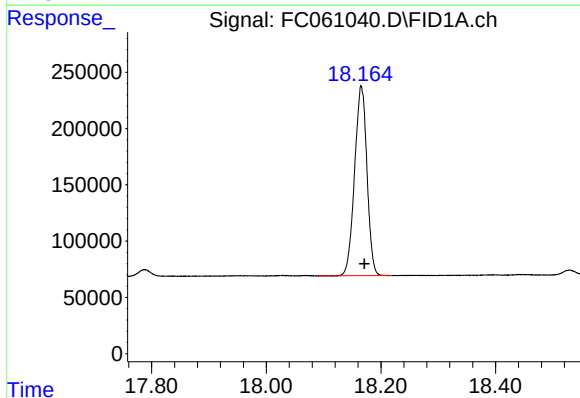
R.T.: 16.591 min
Delta R.T.: -0.003 min
Response: 2531457
Conc: 18.08 ug/ml

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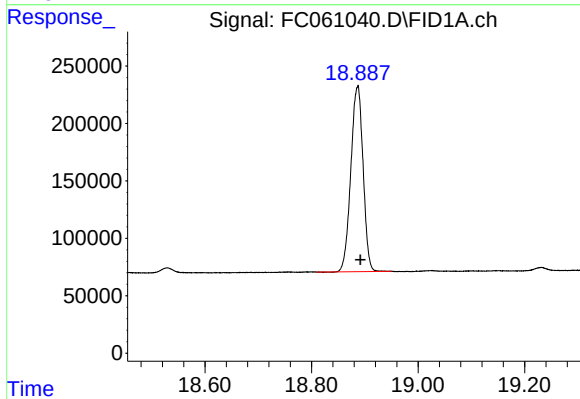
#18 n-Dotriacontane (C32)

R.T.: 17.402 min
Delta R.T.: -0.005 min
Response: 2570736
Conc: 19.05 ug/ml



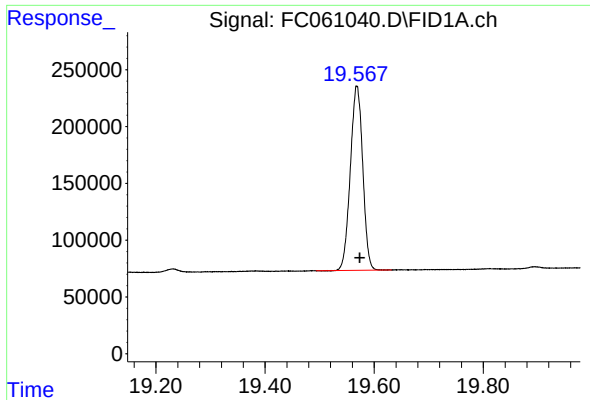
#19 n-Tetratriacontane (C34)

R.T.: 18.166 min
Delta R.T.: -0.005 min
Response: 2521655
Conc: 20.11 ug/ml



#20 n-Hexatriacontane (C36)

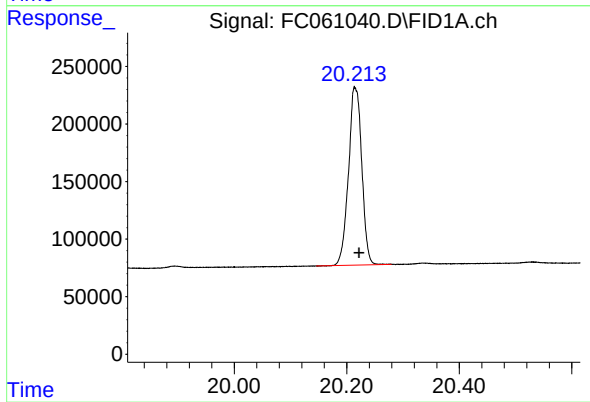
R.T.: 18.886 min
Delta R.T.: -0.006 min
Response: 2578375
Conc: 21.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.568 min
Delta R.T.: -0.005 min
Response: 2563166
Conc: 21.72 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.215 min
Delta R.T.: -0.007 min
Response: 2530446
Conc: 21.99 ug/ml