

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102122AL\
 Data File : FC061876.D
 Signal(s) : FID1A.ch
 Acq On : 21 Oct 2022 21:29
 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: Oct 22 14:46:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.579	3015403	20.286 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
12) S 1-chlorooctadecane (S...	13.016	2393487	20.545 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
Target Compounds			
1) T n-Nonane (C9)	3.344	2727367	19.390 ug/ml
2) T n-Decane (C10)	4.409	2771676	19.417 ug/ml
3) T A~Naphthalene (C11.7)	5.993	3025204	19.599 ug/ml
4) T n-Dodecane (C12)	6.424	2824110	19.454 ug/ml
5) T A~2-methylnaphthalene...	7.048	2977317	19.627 ug/ml
6) T n-Tetradecane (C14)	8.220	2855210	19.642 ug/ml
7) T n-Hexadecane (C16)	9.821	2896490	19.890 ug/ml
8) T n-Octadecane (C18)	11.263	2908198	20.120 ug/ml
10) T n-Eicosane (C20)	12.572	2866274	20.308 ug/ml
11) T n-Heneicosane (C21)	13.184	2838429	20.456 ug/ml
13) T n-Docosane (C22)	13.771	2800312	20.427 ug/ml
14) T n-Tetracosane (C24)	14.872	2682953	20.305 ug/ml
15) T n-Hexacosane (C26)	15.893	2555225	20.279 ug/ml
16) T n-Octacosane (C28)	16.842	2421451	20.077 ug/ml
17) T n-Tricontane (C30)	17.729	2427355	20.401 ug/ml
18) T n-Dotriacontane (C32)	18.562	2386726	20.257 ug/ml
19) T n-Tetratriacontane (C34)	19.345	2241226	19.838 ug/ml
20) T n-Hexatriacontane (C36)	20.083	2241433	19.764 ug/ml
21) T n-Octatriacontane (C38)	20.820	2173300	19.315 ug/ml
22) T n-Tetracontane (C40)	21.733	2151987	19.168 ug/ml

(f)=RT Delta > 1/2 Window

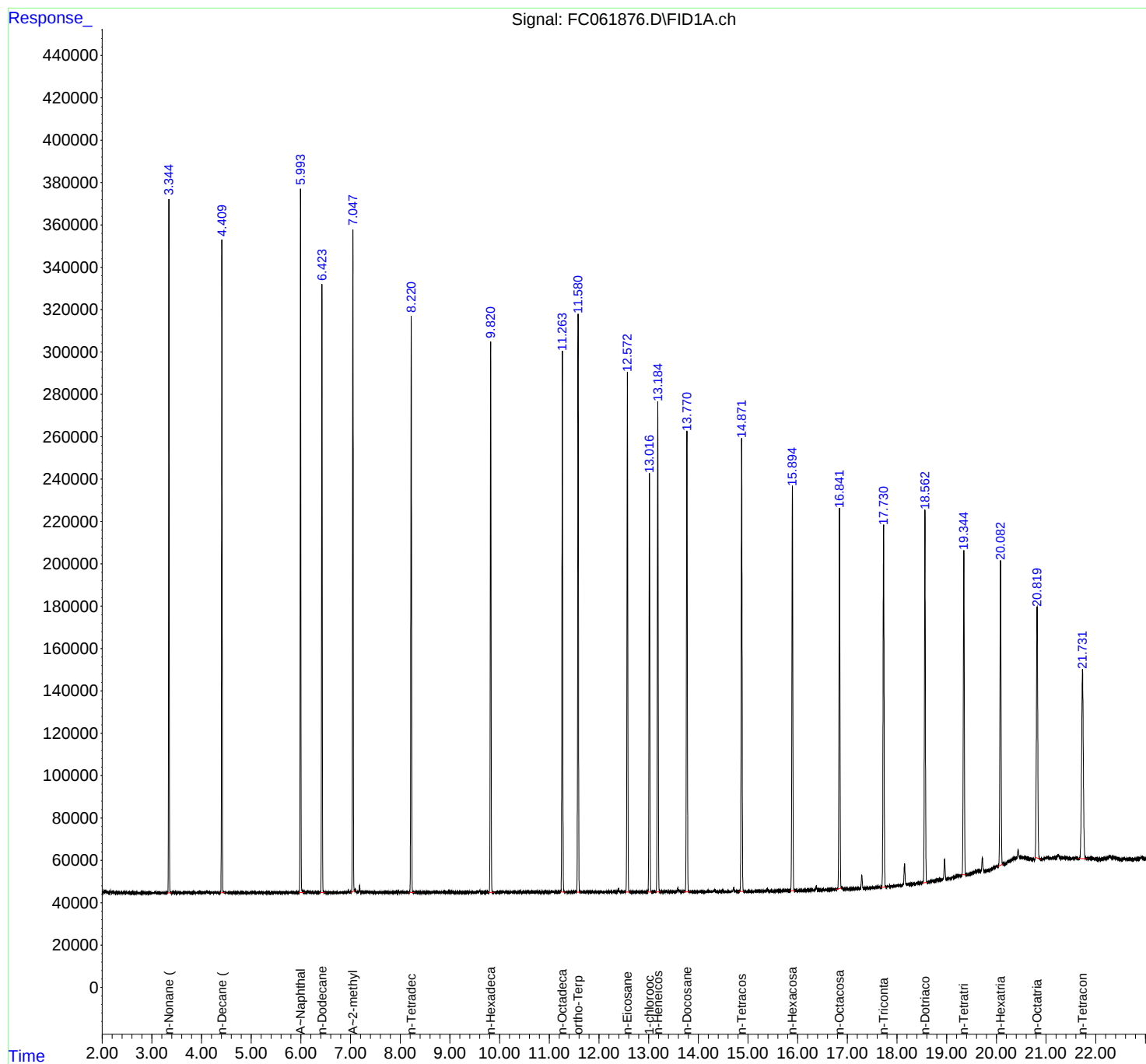
(m)=manual int.

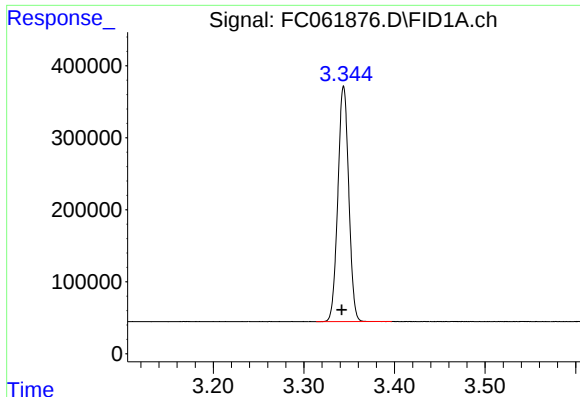
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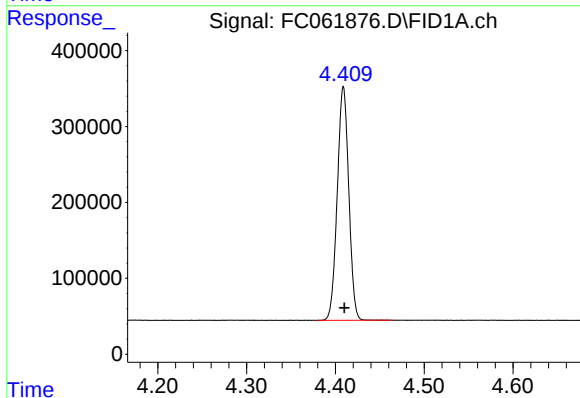




#1 n-Nonane (C9)

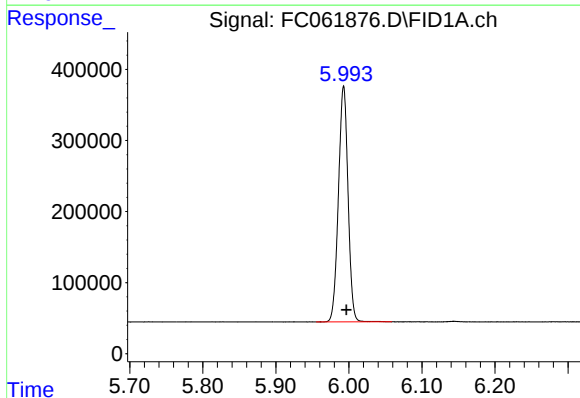
R.T.: 3.344 min
Delta R.T.: 0.002 min
Response: 2727367
Conc: 19.39 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



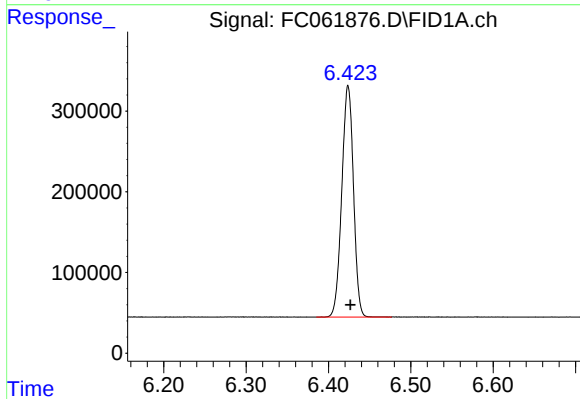
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: -0.001 min
Response: 2771676
Conc: 19.42 ug/ml



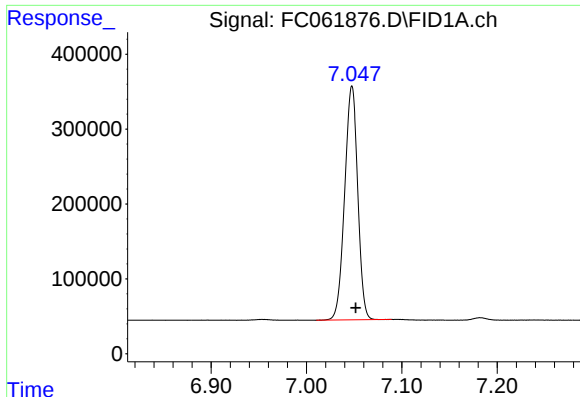
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: -0.004 min
Response: 3025204
Conc: 19.60 ug/ml



#4 n-Dodecane (C12)

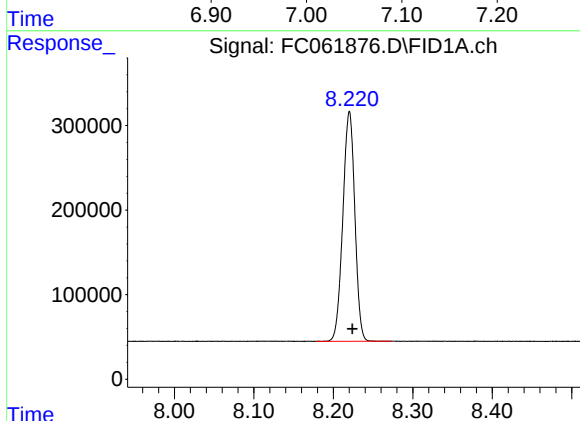
R.T.: 6.424 min
Delta R.T.: -0.003 min
Response: 2824110
Conc: 19.45 ug/ml



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

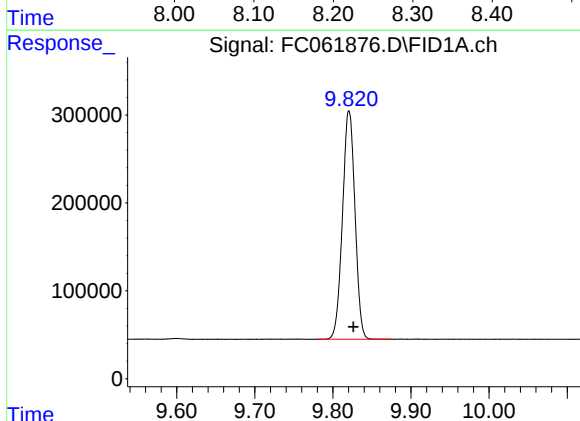
R.T.: 7.048 min
Delta R.T.: -0.004 min
Response: 2977317
Conc: 19.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



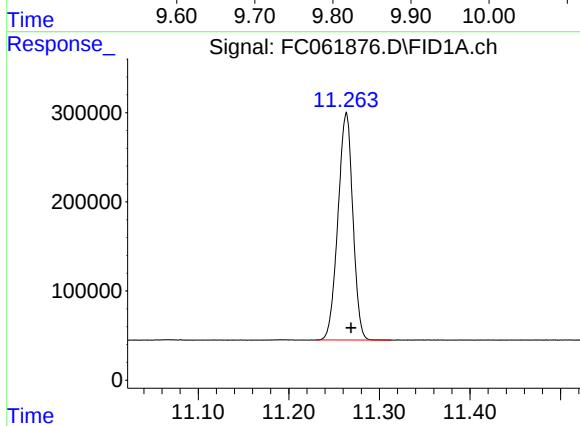
#6 n-Tetradecane (C14)

R.T.: 8.220 min
Delta R.T.: -0.004 min
Response: 2855210
Conc: 19.64 ug/ml



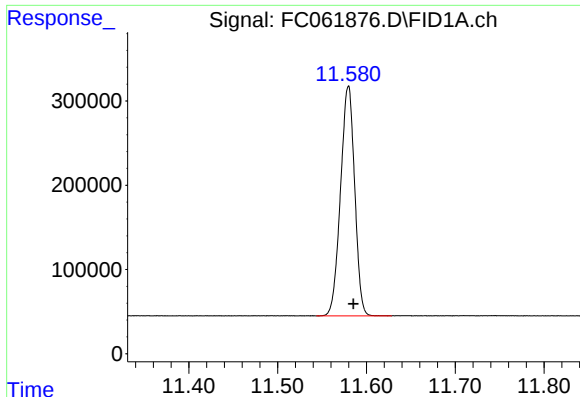
#7 n-Hexadecane (C16)

R.T.: 9.821 min
Delta R.T.: -0.005 min
Response: 2896490
Conc: 19.89 ug/ml



#8 n-Octadecane (C18)

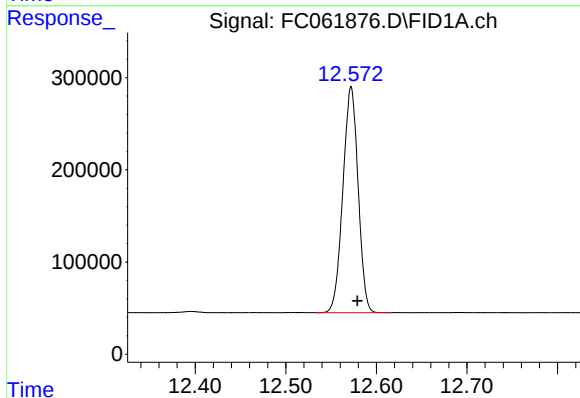
R.T.: 11.263 min
Delta R.T.: -0.006 min
Response: 2908198
Conc: 20.12 ug/ml



#9 ortho-Terphenyl (SURR)

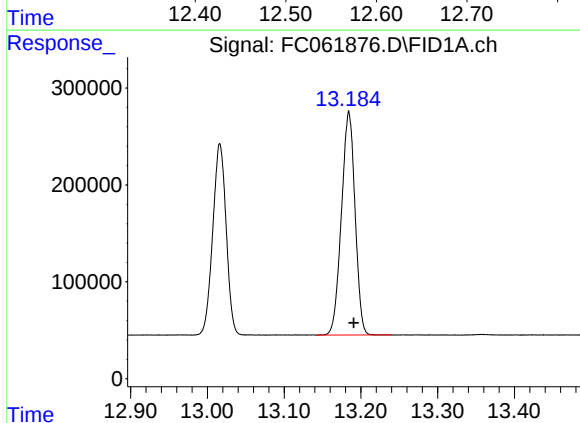
R.T.: 11.579 min
Delta R.T.: -0.006 min
Response: 3015403
Conc: 20.29 ug/ml

Instrument :
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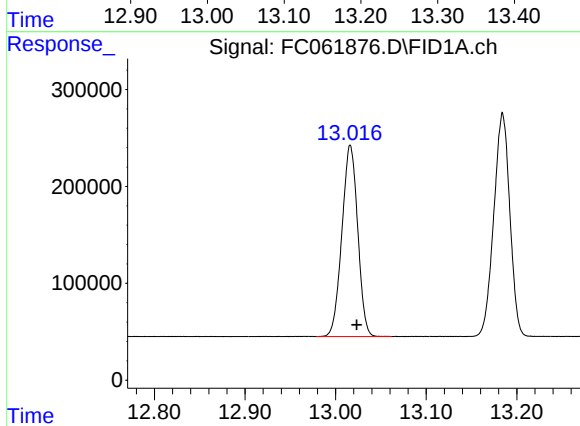
#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: -0.007 min
Response: 2866274
Conc: 20.31 ug/ml



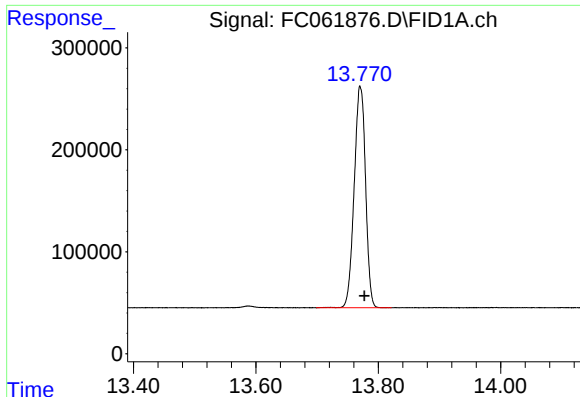
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: -0.007 min
Response: 2838429
Conc: 20.46 ug/ml



#12 1-chlorooctadecane (SURR)

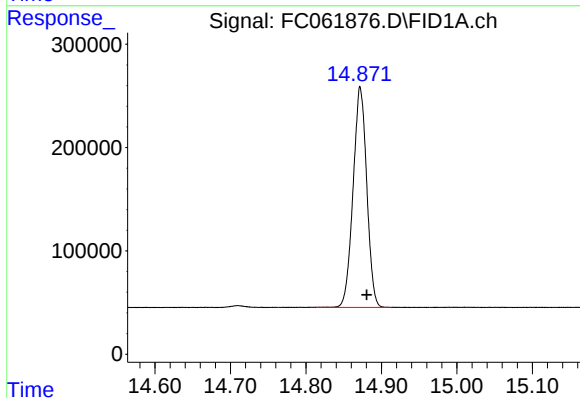
R.T.: 13.016 min
Delta R.T.: -0.007 min
Response: 2393487
Conc: 20.54 ug/ml



#13 n-Docosane (C22)

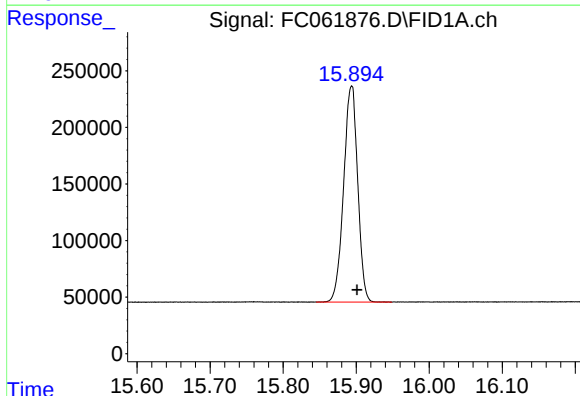
R.T.: 13.771 min
Delta R.T.: -0.007 min
Response: 2800312
Conc: 20.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



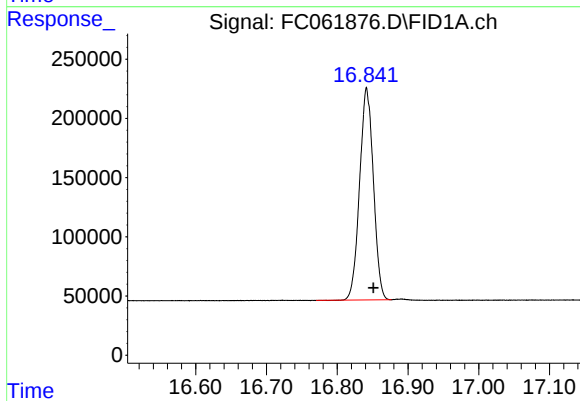
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: -0.008 min
Response: 2682953
Conc: 20.31 ug/ml



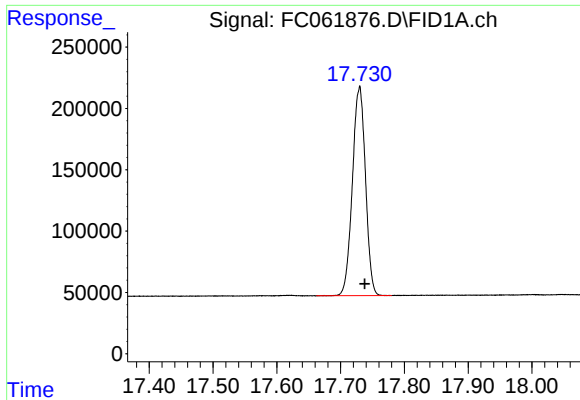
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: -0.008 min
Response: 2555225
Conc: 20.28 ug/ml



#16 n-Octacosane (C28)

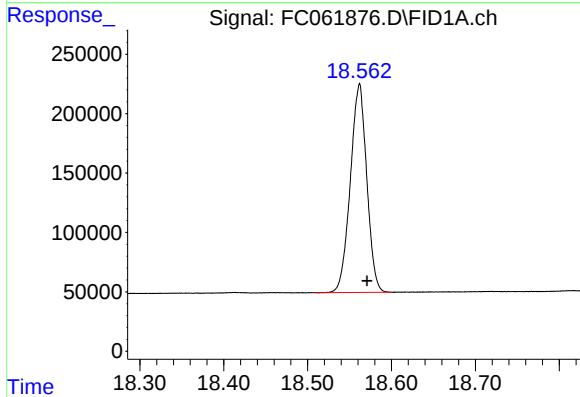
R.T.: 16.842 min
Delta R.T.: -0.009 min
Response: 2421451
Conc: 20.08 ug/ml



#17 n-Tricontane (C30)

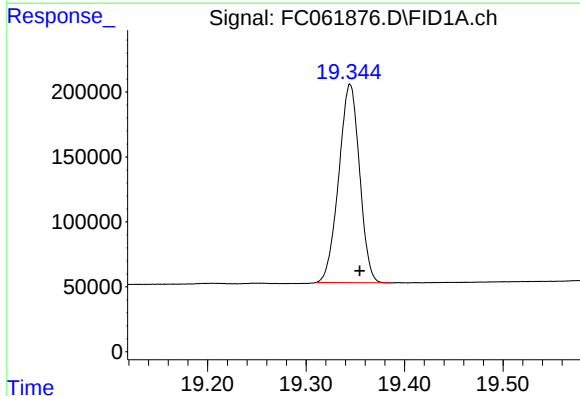
R.T.: 17.729 min
Delta R.T.: -0.009 min
Response: 2427355
Conc: 20.40 ug/ml

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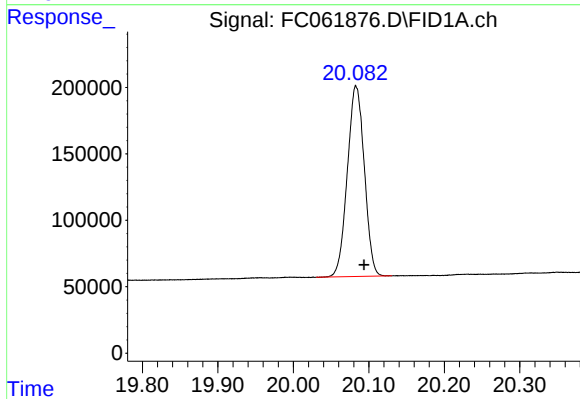
#18 n-Dotriacontane (C32)

R.T.: 18.562 min
Delta R.T.: -0.009 min
Response: 2386726
Conc: 20.26 ug/ml



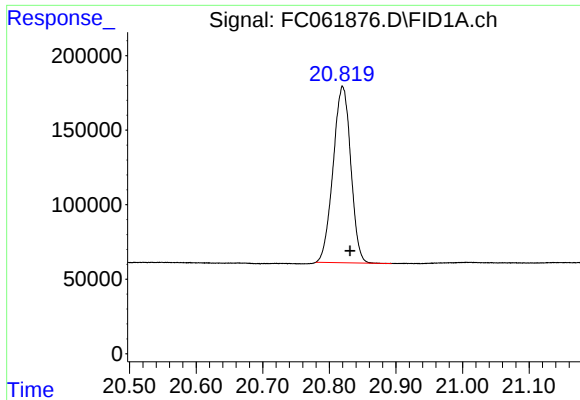
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: -0.010 min
Response: 2241226
Conc: 19.84 ug/ml



#20 n-Hexatriacontane (C36)

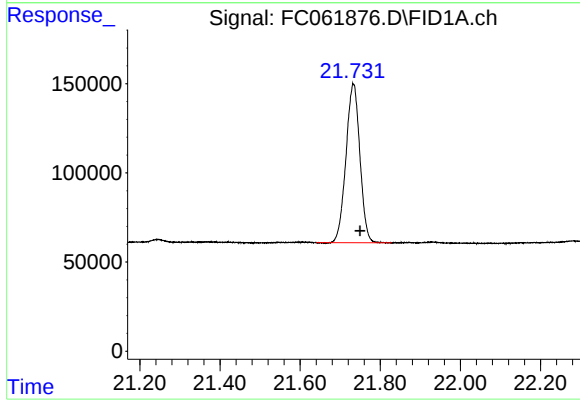
R.T.: 20.083 min
Delta R.T.: -0.010 min
Response: 2241433
Conc: 19.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.820 min
Delta R.T.: -0.011 min
Response: 2173300
Conc: 19.32 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.733 min
Delta R.T.: -0.017 min
Response: 2151987
Conc: 19.17 ug/ml