

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111324AL\
 Data File : FC067734.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2024 13:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 14 01:17:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 2024
 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)	11.486	2634732	17.956 ug/ml
Spiked Amount 50.000		Recovery =	35.91%
12) S 1-chlorooctadecane (S...	12.924	1980545	18.340 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
Target Compounds			
1) T n-Nonane (C9)	3.269	2334469	17.328 ug/ml
2) T n-Decane (C10)	4.333	2429986	17.835 ug/ml
3) T A~Naphthalene (C11.7)	5.910	2632726	17.766 ug/ml
4) T n-Dodecane (C12)	6.347	2412509	17.812 ug/ml
5) T A~2-methylnaphthalene...	6.964	2515890	17.815 ug/ml
6) T n-Tetradecane (C14)	8.139	2350934	17.910 ug/ml
7) T n-Hexadecane (C16)	9.735	2397321	18.147 ug/ml
8) T n-Octadecane (C18)	11.175	2418893	18.309 ug/ml
10) T n-Eicosane (C20)	12.482	2311692	18.321 ug/ml
11) T n-Heneicosane (C21)	13.092	2269235	18.387 ug/ml
13) T n-Docosane (C22)	13.677	2277809	18.602 ug/ml
14) T n-Tetracosane (C24)	14.778	2332427	19.243 ug/ml
15) T n-Hexacosane (C26)	15.798	2318577	19.475 ug/ml
16) T n-Octacosane (C28)	16.745	2446457	20.795 ug/ml
17) T n-Tricontane (C30)	17.632	2748795	22.742 ug/ml
18) T n-Dotriacontane (C32)	18.463	2822673	23.856 ug/ml
19) T n-Tetratriacontane (C34)	19.244	2439942	23.298 ug/ml
20) T n-Hexatriacontane (C36)	19.982	1997562	21.945 ug/ml
21) T n-Octatriacontane (C38)	20.702	1796748	20.747 ug/ml
22) T n-Tetracontane (C40)	21.583	1680660	19.770 ug/ml

(f)=RT Delta > 1/2 Window

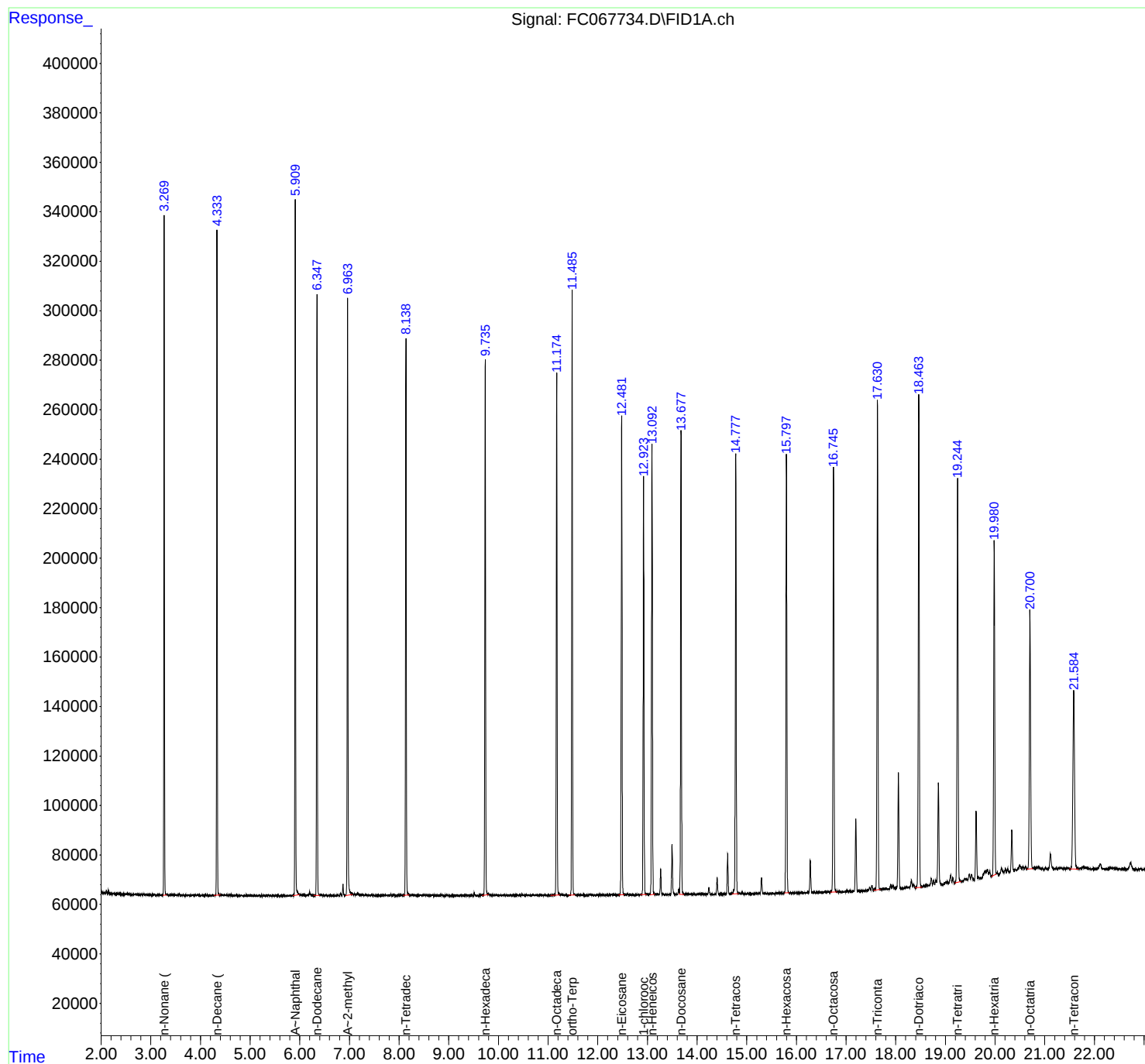
(m)=manual int.

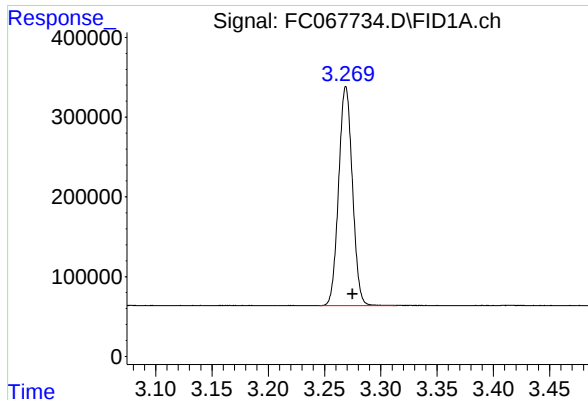
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111324AL\
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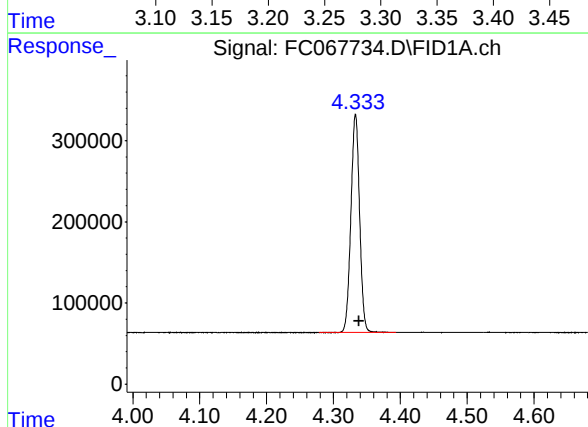




#1 n-Nonane (C9)

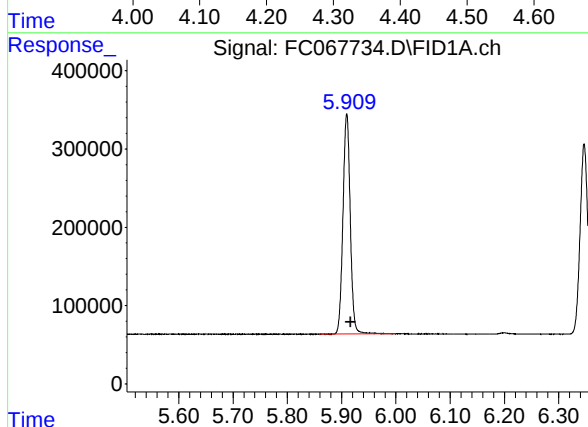
R.T.: 3.269 min
Delta R.T.: -0.006 min
Response: 2334469
Conc: 17.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



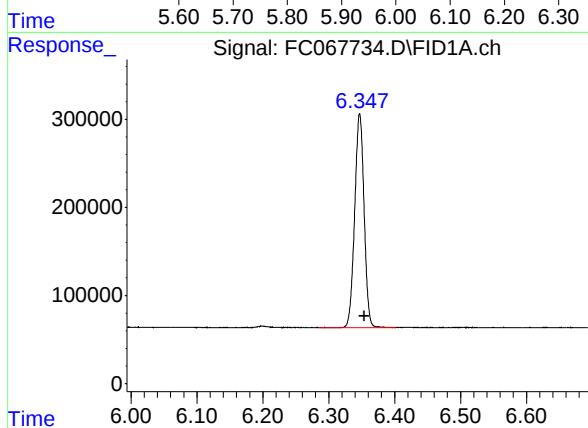
#2 n-Decane (C10)

R.T.: 4.333 min
Delta R.T.: -0.006 min
Response: 2429986
Conc: 17.84 ug/ml



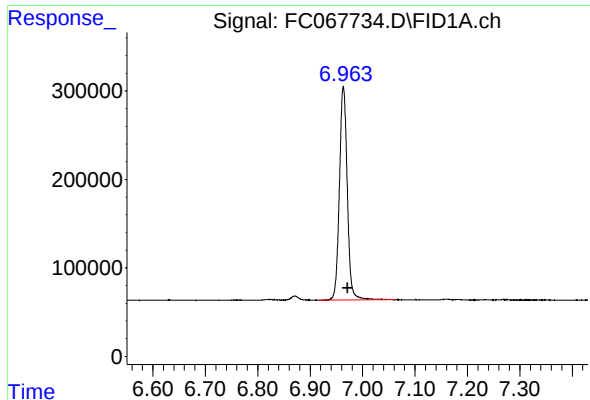
#3 A~Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: -0.007 min
Response: 2632726
Conc: 17.77 ug/ml



#4 n-Dodecane (C12)

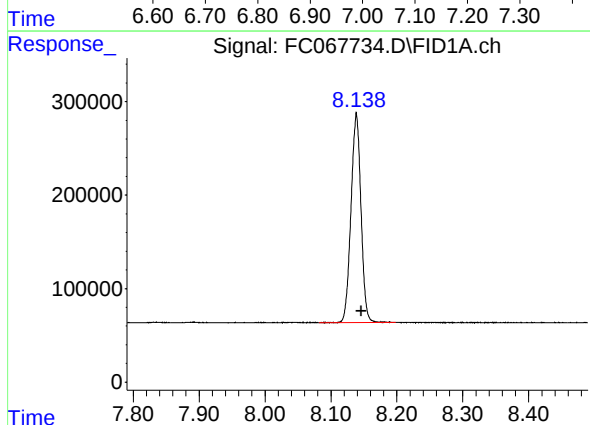
R.T.: 6.347 min
Delta R.T.: -0.007 min
Response: 2412509
Conc: 17.81 ug/ml



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

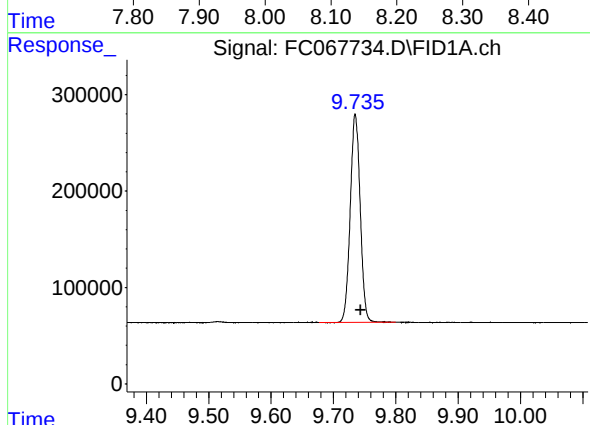
R.T.: 6.964 min
Delta R.T.: -0.008 min
Response: 2515890
Conc: 17.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



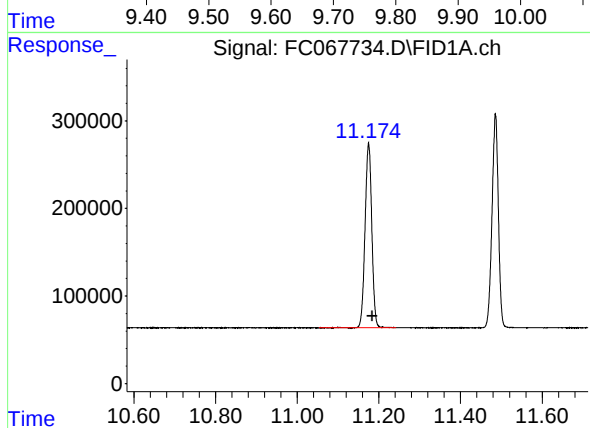
#6 n-Tetradecane (C14)

R.T.: 8.139 min
Delta R.T.: -0.007 min
Response: 2350934
Conc: 17.91 ug/ml



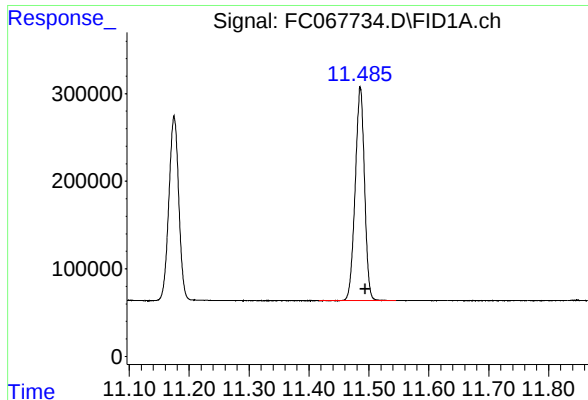
#7 n-Hexadecane (C16)

R.T.: 9.735 min
Delta R.T.: -0.008 min
Response: 2397321
Conc: 18.15 ug/ml



#8 n-Octadecane (C18)

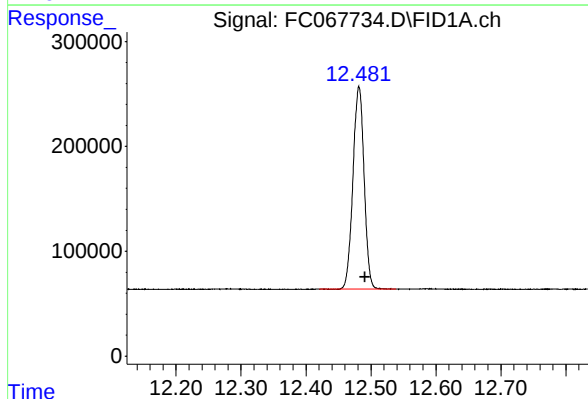
R.T.: 11.175 min
Delta R.T.: -0.009 min
Response: 2418893
Conc: 18.31 ug/ml



#9 ortho-Terphenyl (SURR)

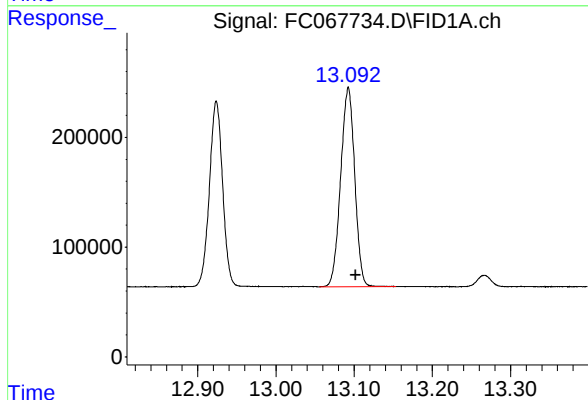
R.T.: 11.486 min
Delta R.T.: -0.009 min
Response: 2634732
Conc: 17.96 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



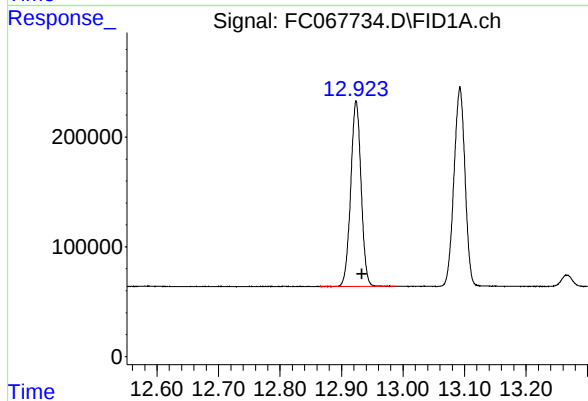
#10 n-Eicosane (C20)

R.T.: 12.482 min
Delta R.T.: -0.009 min
Response: 2311692
Conc: 18.32 ug/ml



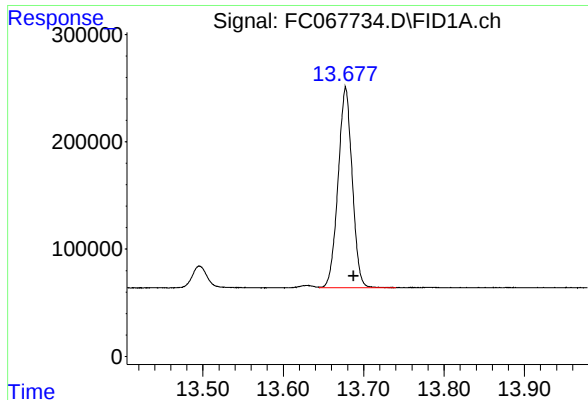
#11 n-Heneicosane (C21)

R.T.: 13.092 min
Delta R.T.: -0.010 min
Response: 2269235
Conc: 18.39 ug/ml



#12 1-chlorooctadecane (SURR)

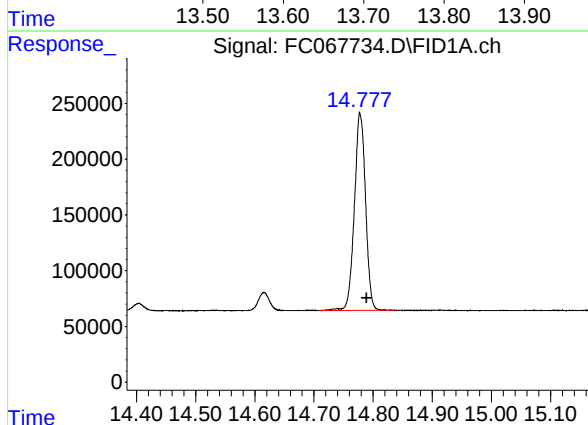
R.T.: 12.924 min
Delta R.T.: -0.009 min
Response: 1980545
Conc: 18.34 ug/ml



#13 n-Docosane (C22)

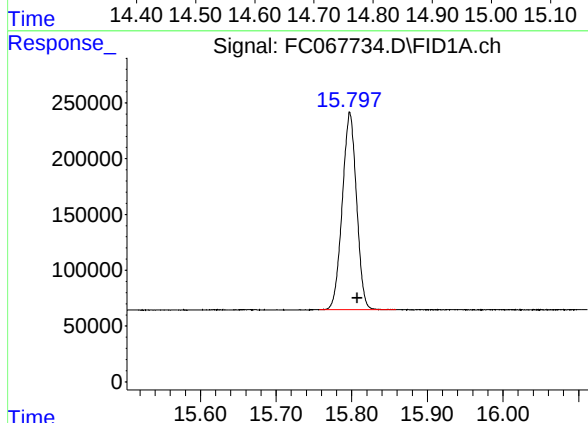
R.T.: 13.677 min
Delta R.T.: -0.010 min
Response: 2277809
Conc: 18.60 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



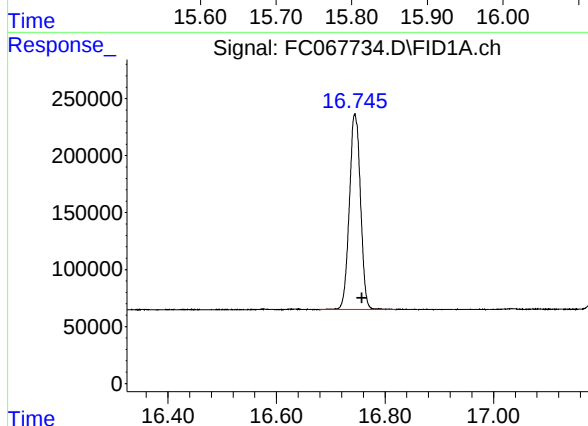
#14 n-Tetracosane (C24)

R.T.: 14.778 min
Delta R.T.: -0.011 min
Response: 2332427
Conc: 19.24 ug/ml



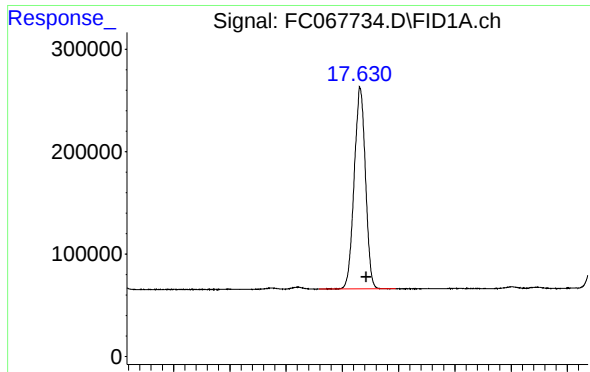
#15 n-Hexacosane (C26)

R.T.: 15.798 min
Delta R.T.: -0.010 min
Response: 2318577
Conc: 19.47 ug/ml



#16 n-Octacosane (C28)

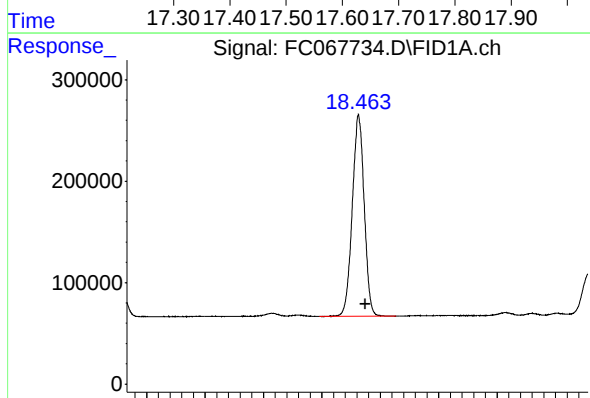
R.T.: 16.745 min
Delta R.T.: -0.013 min
Response: 2446457
Conc: 20.79 ug/ml



#17 n-Tricontane (C30)

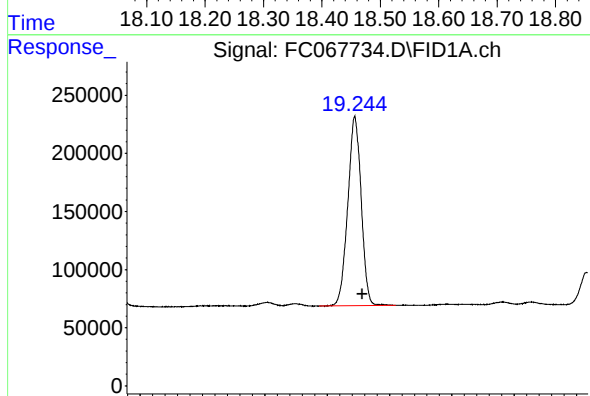
R.T.: 17.632 min
Delta R.T.: -0.011 min
Response: 2748795
Conc: 22.74 ug/ml

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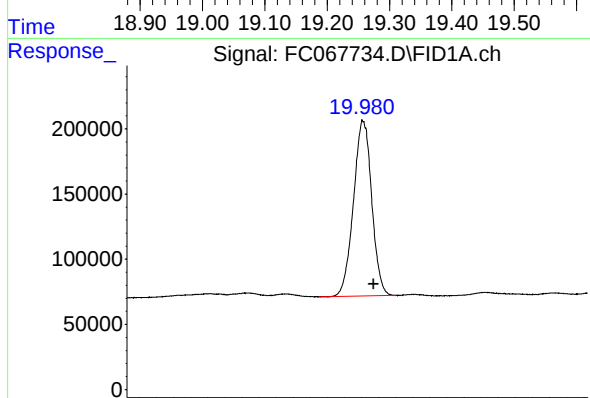
#18 n-Dotriacontane (C32)

R.T.: 18.463 min
Delta R.T.: -0.011 min
Response: 2822673
Conc: 23.86 ug/ml



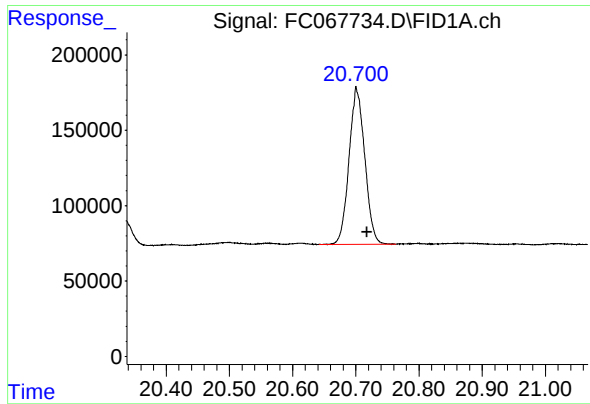
#19 n-Tetatriacontane (C34)

R.T.: 19.244 min
Delta R.T.: -0.012 min
Response: 2439942
Conc: 23.30 ug/ml



#20 n-Hexatriacontane (C36)

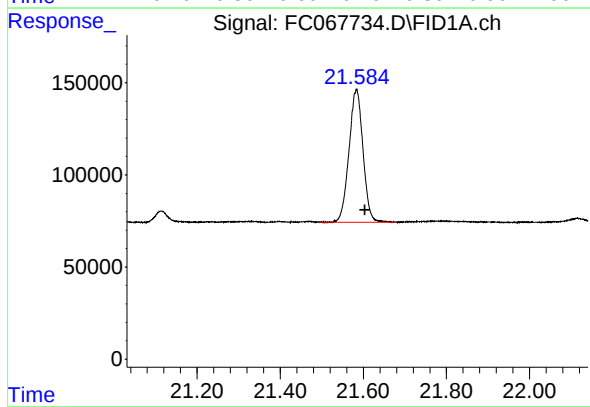
R.T.: 19.982 min
Delta R.T.: -0.012 min
Response: 1997562
Conc: 21.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.702 min
Delta R.T.: -0.016 min
Response: 1796748
Conc: 20.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.583 min
Delta R.T.: -0.020 min
Response: 1680660
Conc: 19.77 ug/ml