

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062323AL\
 Data File : FG012287.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2023 00:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 24 04:45:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 14:37:23 2023
 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)	10.897	2800846	18.512 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
12) S 1-chlorooctadecane (S...	12.334	2079880	18.466 ug/ml
Spiked Amount 50.000		Recovery =	36.93%
Target Compounds			
1) T n-Nonane (C9)	2.742	2239664	18.911 ug/ml
2) T n-Decane (C10)	3.752	2288327	18.795 ug/ml
3) T A~Naphthalene (C11.7)	5.317	2551983	18.621 ug/ml
4) T n-Dodecane (C12)	5.741	2322879	18.589 ug/ml
5) T A~2-methylnaphthalene...	6.367	2429451	18.582 ug/ml
6) T n-Tetradecane (C14)	7.534	2326771	18.573 ug/ml
7) T n-Hexadecane (C16)	9.136	2448506	18.571 ug/ml
8) T n-Octadecane (C18)	10.580	2517353	18.507 ug/ml
10) T n-Eicosane (C20)	11.889	2420535	18.415 ug/ml
11) T n-Heneicosane (C21)	12.502	2365501	18.446 ug/ml
13) T n-Docosane (C22)	13.088	2339007	18.426 ug/ml
14) T n-Tetracosane (C24)	14.193	2383119	17.905 ug/ml
15) T n-Hexacosane (C26)	15.215	2221855	18.121 ug/ml
16) T n-Octacosane (C28)	16.166	2184212	18.058 ug/ml
17) T n-Tricontane (C30)	17.053	2222327	17.862 ug/ml
18) T n-Dotriacontane (C32)	17.887	2205366	17.795 ug/ml
19) T n-Tetratriacontane (C34)	18.671	2187253	18.288 ug/ml
20) T n-Hexatriacontane (C36)	19.411	2093598	18.167 ug/ml
21) T n-Octatriacontane (C38)	20.149	2100939	18.383 ug/ml
22) T n-Tetracontane (C40)	21.058	2082163	18.398 ug/ml

(f)=RT Delta > 1/2 Window

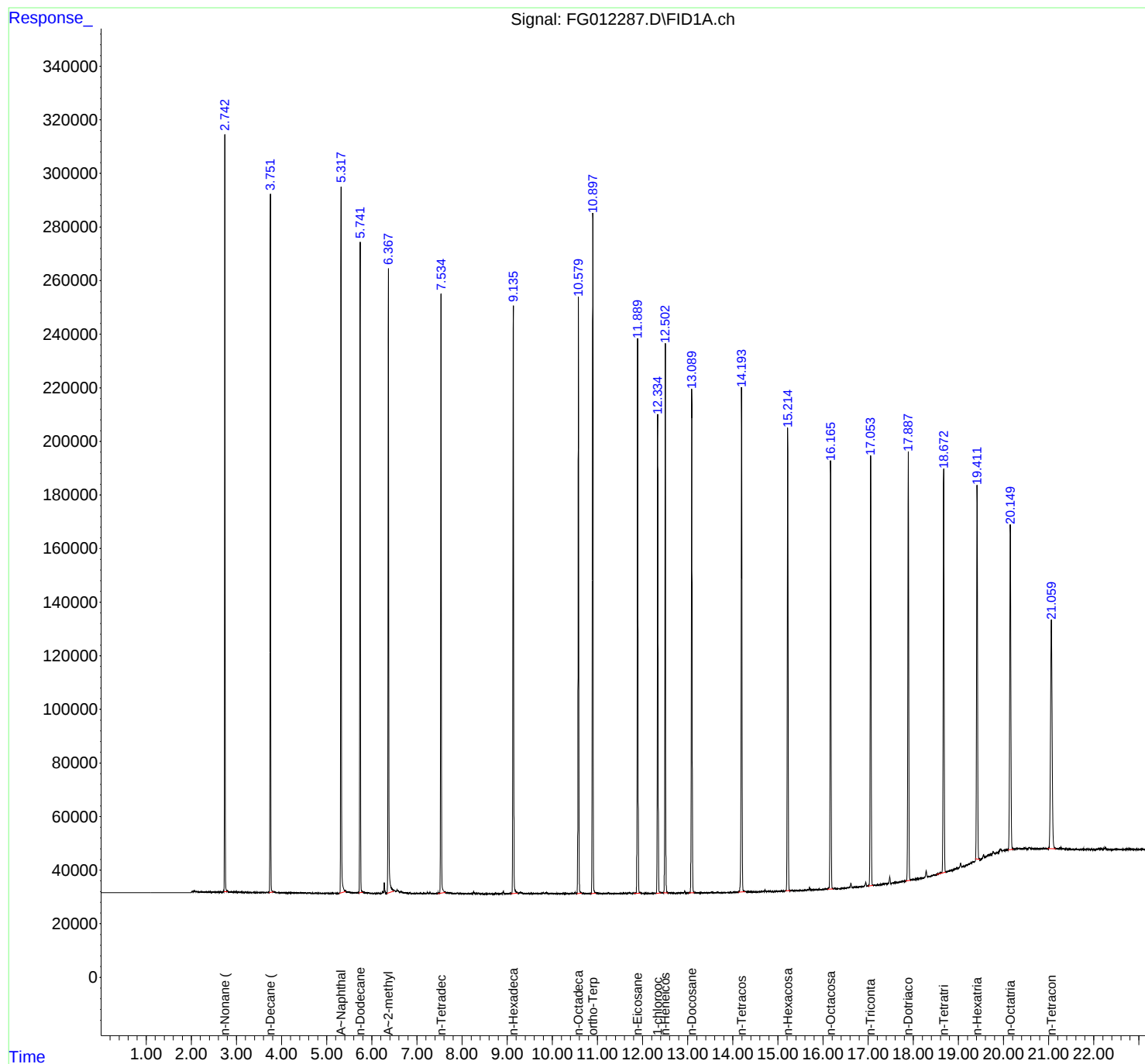
(m)=manual int.

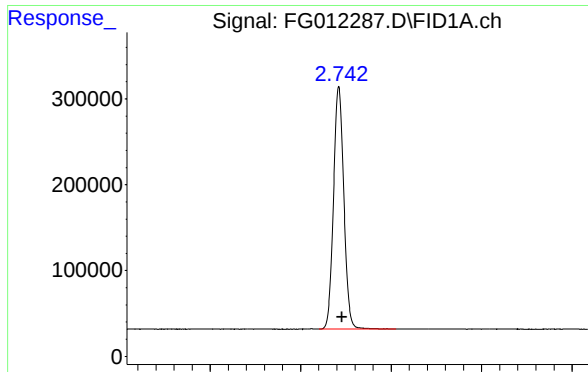
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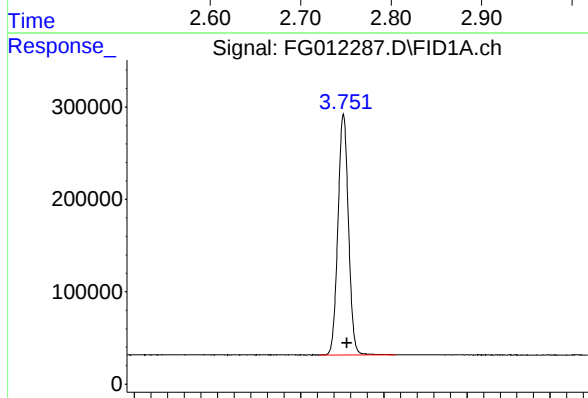




#1 n-Nonane (C9)

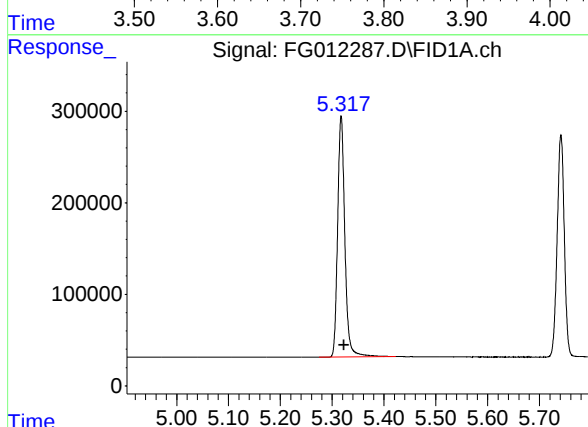
R.T.: 2.742 min
Delta R.T.: -0.004 min
Response: 2239664
Conc: 18.91 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



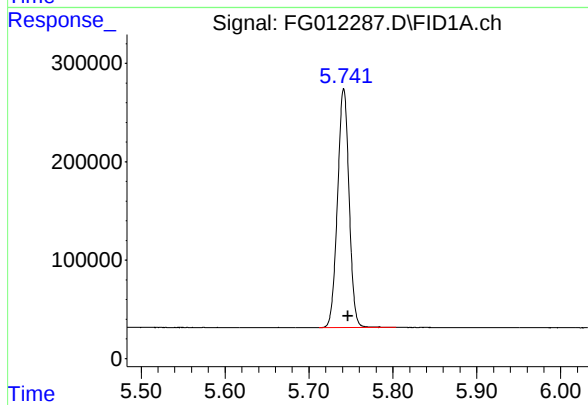
#2 n-Decane (C10)

R.T.: 3.752 min
Delta R.T.: -0.004 min
Response: 2288327
Conc: 18.80 ug/ml



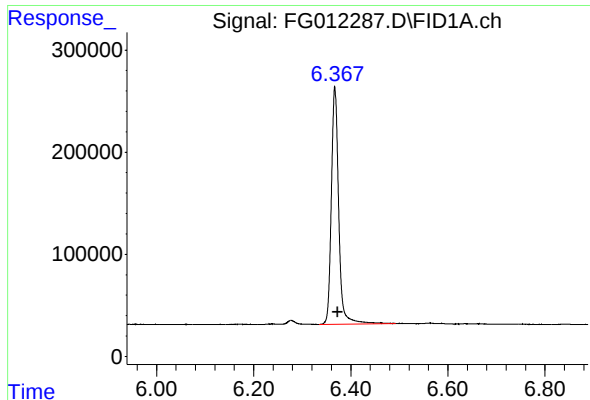
#3 A~Naphthalene (C11.7)

R.T.: 5.317 min
Delta R.T.: -0.005 min
Response: 2551983
Conc: 18.62 ug/ml



#4 n-Dodecane (C12)

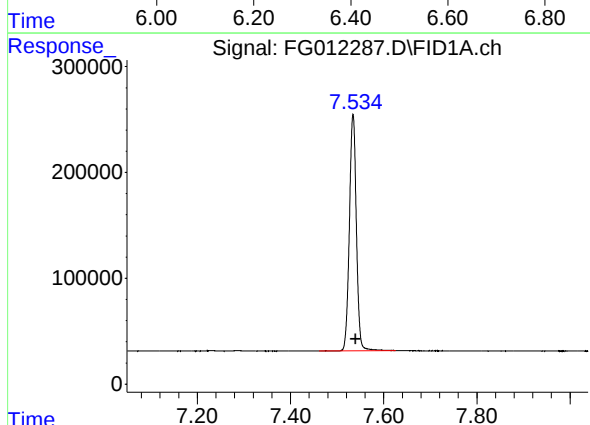
R.T.: 5.741 min
Delta R.T.: -0.005 min
Response: 2322879
Conc: 18.59 ug/ml



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

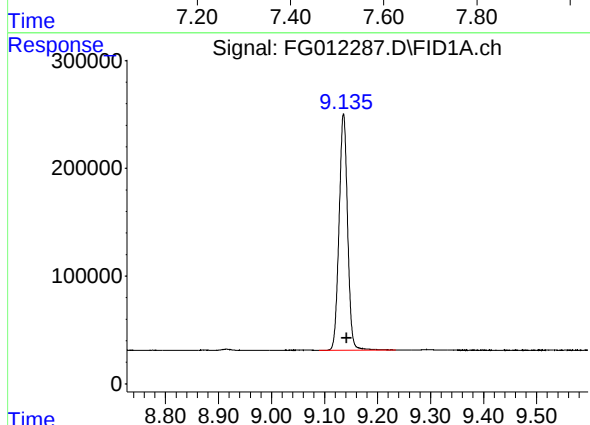
R.T.: 6.367 min
Delta R.T.: -0.006 min
Response: 2429451
Conc: 18.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



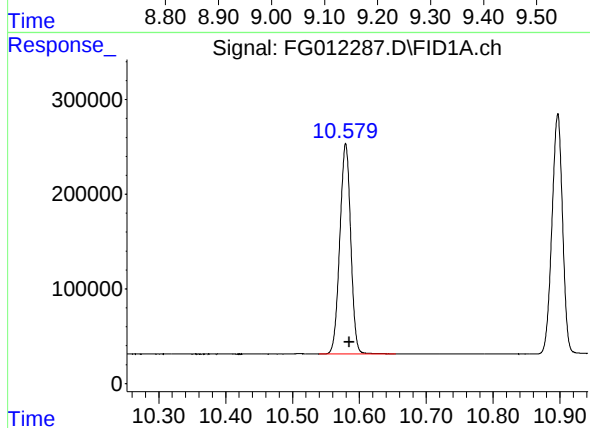
#6 n-Tetradecane (C14)

R.T.: 7.534 min
Delta R.T.: -0.005 min
Response: 2326771
Conc: 18.57 ug/ml



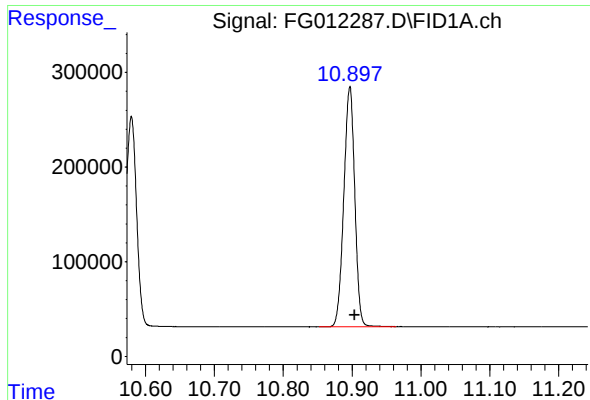
#7 n-Hexadecane (C16)

R.T.: 9.136 min
Delta R.T.: -0.006 min
Response: 2448506
Conc: 18.57 ug/ml



#8 n-Octadecane (C18)

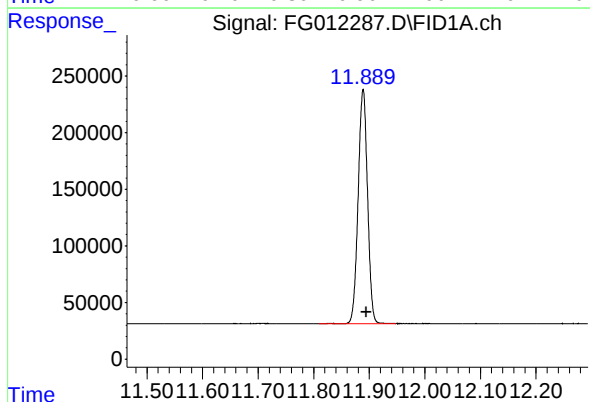
R.T.: 10.580 min
Delta R.T.: -0.006 min
Response: 2517353
Conc: 18.51 ug/ml



#9 ortho-Terphenyl (SURR)

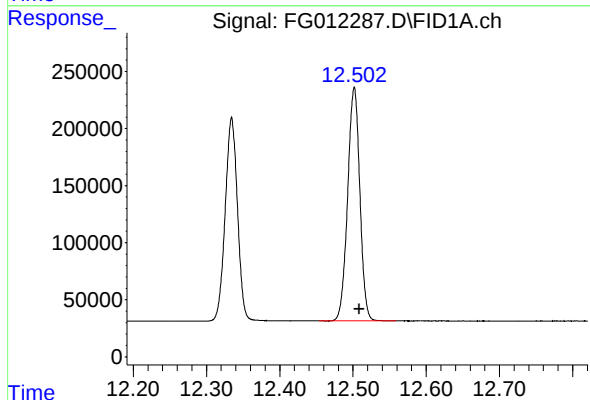
R.T.: 10.897 min
Delta R.T.: -0.007 min
Response: 2800846
Conc: 18.51 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



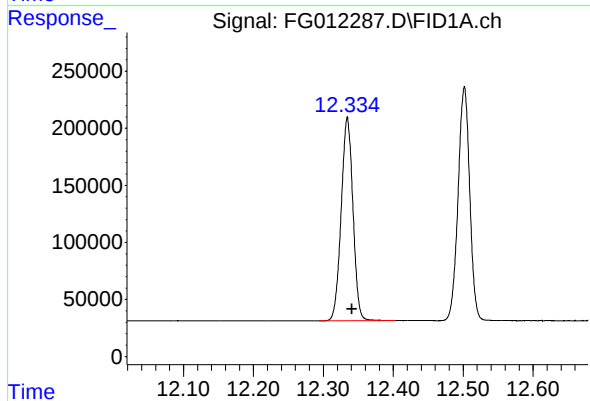
#10 n-Eicosane (C20)

R.T.: 11.889 min
Delta R.T.: -0.006 min
Response: 2420535
Conc: 18.42 ug/ml



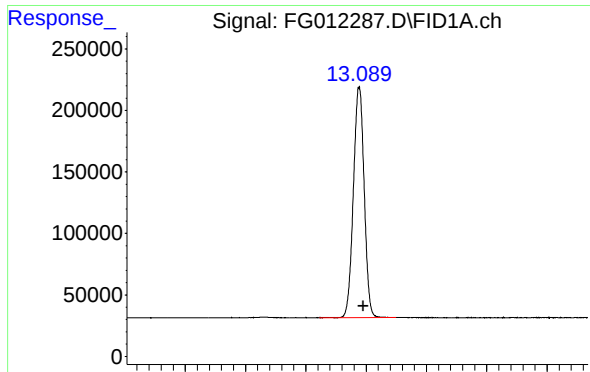
#11 n-Heneicosane (C21)

R.T.: 12.502 min
Delta R.T.: -0.007 min
Response: 2365501
Conc: 18.45 ug/ml



#12 1-chlorooctadecane (SURR)

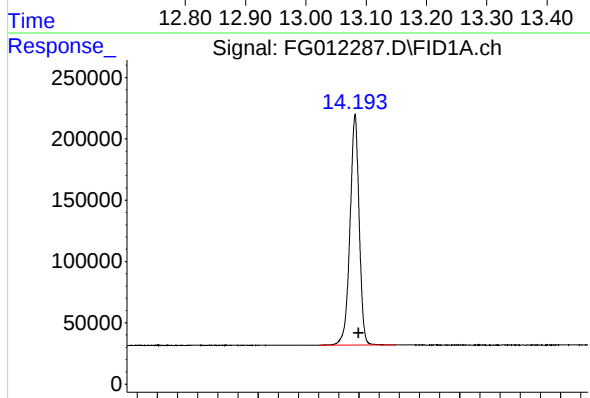
R.T.: 12.334 min
Delta R.T.: -0.007 min
Response: 2079880
Conc: 18.47 ug/ml



#13 n-Docosane (C22)

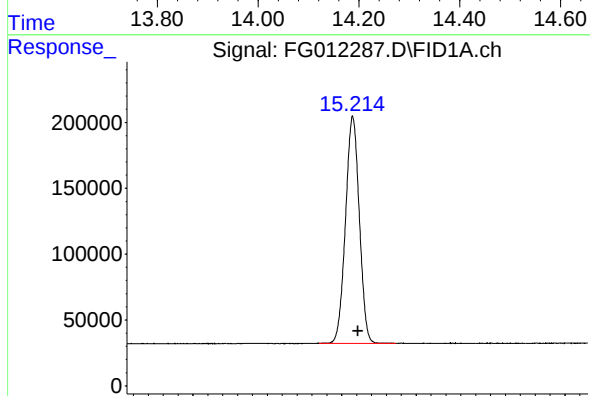
R.T.: 13.088 min
Delta R.T.: -0.007 min
Response: 2339007
Conc: 18.43 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



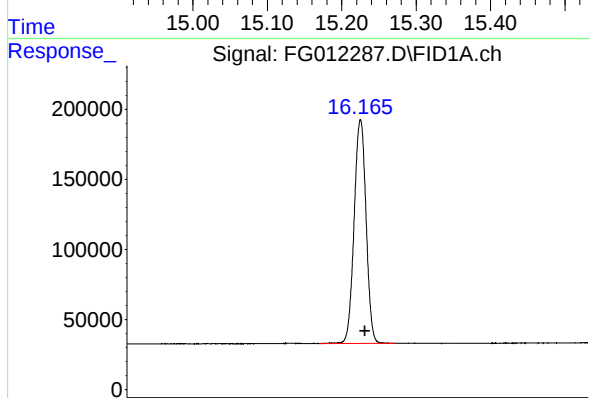
#14 n-Tetracosane (C24)

R.T.: 14.193 min
Delta R.T.: -0.007 min
Response: 2383119
Conc: 17.91 ug/ml



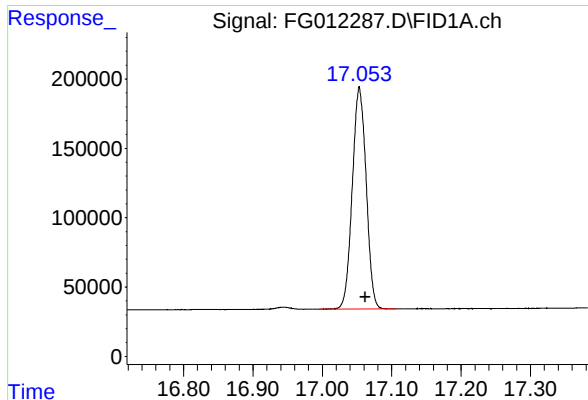
#15 n-Hexacosane (C26)

R.T.: 15.215 min
Delta R.T.: -0.007 min
Response: 2221855
Conc: 18.12 ug/ml



#16 n-Octacosane (C28)

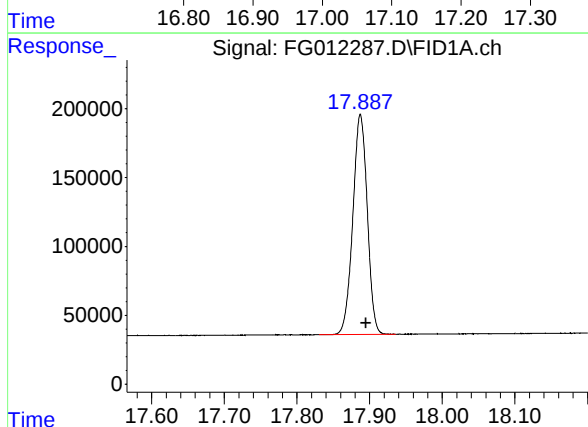
R.T.: 16.166 min
Delta R.T.: -0.007 min
Response: 2184212
Conc: 18.06 ug/ml



#17 n-Tricontane (C30)

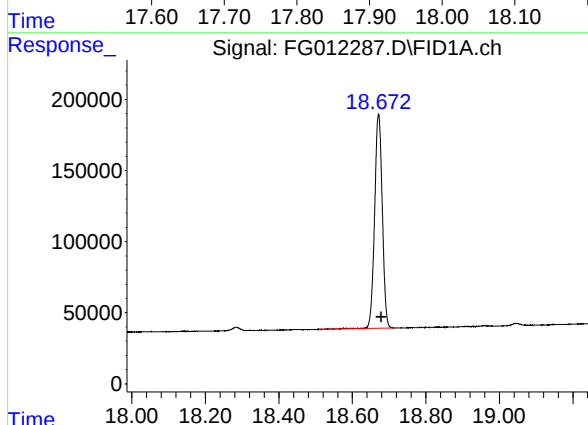
R.T.: 17.053 min
Delta R.T.: -0.009 min
Response: 2222327
Conc: 17.86 ug/ml

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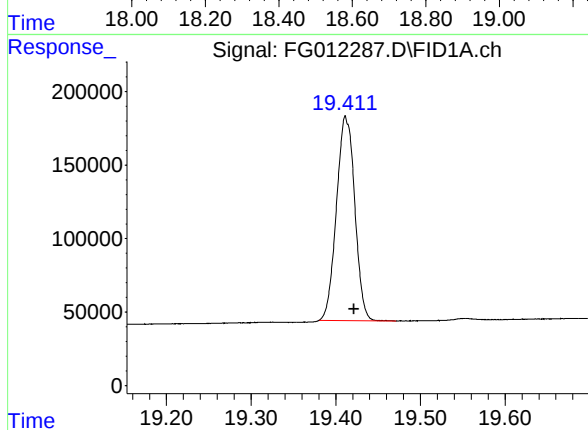
#18 n-Dotriacontane (C32)

R.T.: 17.887 min
Delta R.T.: -0.008 min
Response: 2205366
Conc: 17.80 ug/ml



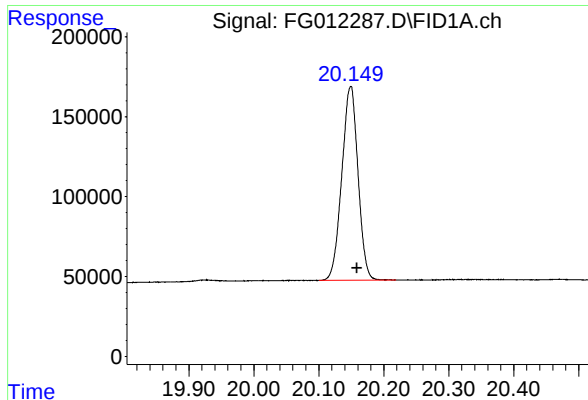
#19 n-Tetratriacontane (C34)

R.T.: 18.671 min
Delta R.T.: -0.008 min
Response: 2187253
Conc: 18.29 ug/ml



#20 n-Hexatriacontane (C36)

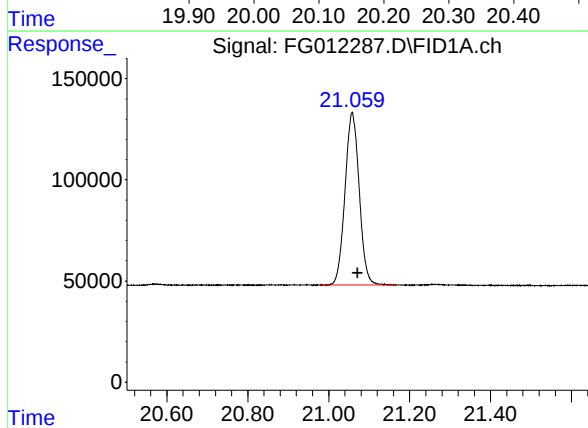
R.T.: 19.411 min
Delta R.T.: -0.010 min
Response: 2093598
Conc: 18.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.149 min
Delta R.T.: -0.009 min
Response: 2100939
Conc: 18.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.058 min
Delta R.T.: -0.014 min
Response: 2082163
Conc: 18.40 ug/ml