

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071823AL\
 Data File : FG012455.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jul 2023 07:10
 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: Jul 19 07:31:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:18:50 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)	10.882	3117900	19.954 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
12) S 1-chlorooctadecane (S...	12.320	2313757	19.963 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
Target Compounds			
1) T n-Nonane (C9)	2.733	2453640	19.725 ug/ml
2) T n-Decane (C10)	3.741	2512609	19.762 ug/ml
3) T A~Naphthalene (C11.7)	5.305	2780074	20.085 ug/ml
4) T n-Dodecane (C12)	5.729	2546153	19.791 ug/ml
5) T A~2-methylnaphthalene...	6.354	2642361	20.236 ug/ml
6) T n-Tetradecane (C14)	7.522	2551972	19.983 ug/ml
7) T n-Hexadecane (C16)	9.123	2696382	20.223 ug/ml
8) T n-Octadecane (C18)	10.565	2785086	20.055 ug/ml
10) T n-Eicosane (C20)	11.875	2704462	20.004 ug/ml
11) T n-Heneicosane (C21)	12.487	2646050	19.945 ug/ml
13) T n-Docosane (C22)	13.074	2640526	20.029 ug/ml
14) T n-Tetracosane (C24)	14.178	2750117	19.581 ug/ml
15) T n-Hexacosane (C26)	15.200	2560807	20.286 ug/ml
16) T n-Octacosane (C28)	16.151	2533343	20.152 ug/ml
17) T n-Tricontane (C30)	17.040	2615784	19.795 ug/ml
18) T n-Dotriacontane (C32)	17.872	2606660	19.590 ug/ml
19) T n-Tetratriacontane (C34)	18.655	2517610	19.649 ug/ml
20) T n-Hexatriacontane (C36)	19.397	2420405	19.587 ug/ml
21) T n-Octatriacontane (C38)	20.130	2361315	19.770 ug/ml
22) T n-Tetracontane (C40)	21.036	2293771	19.795 ug/ml

(f)=RT Delta > 1/2 Window

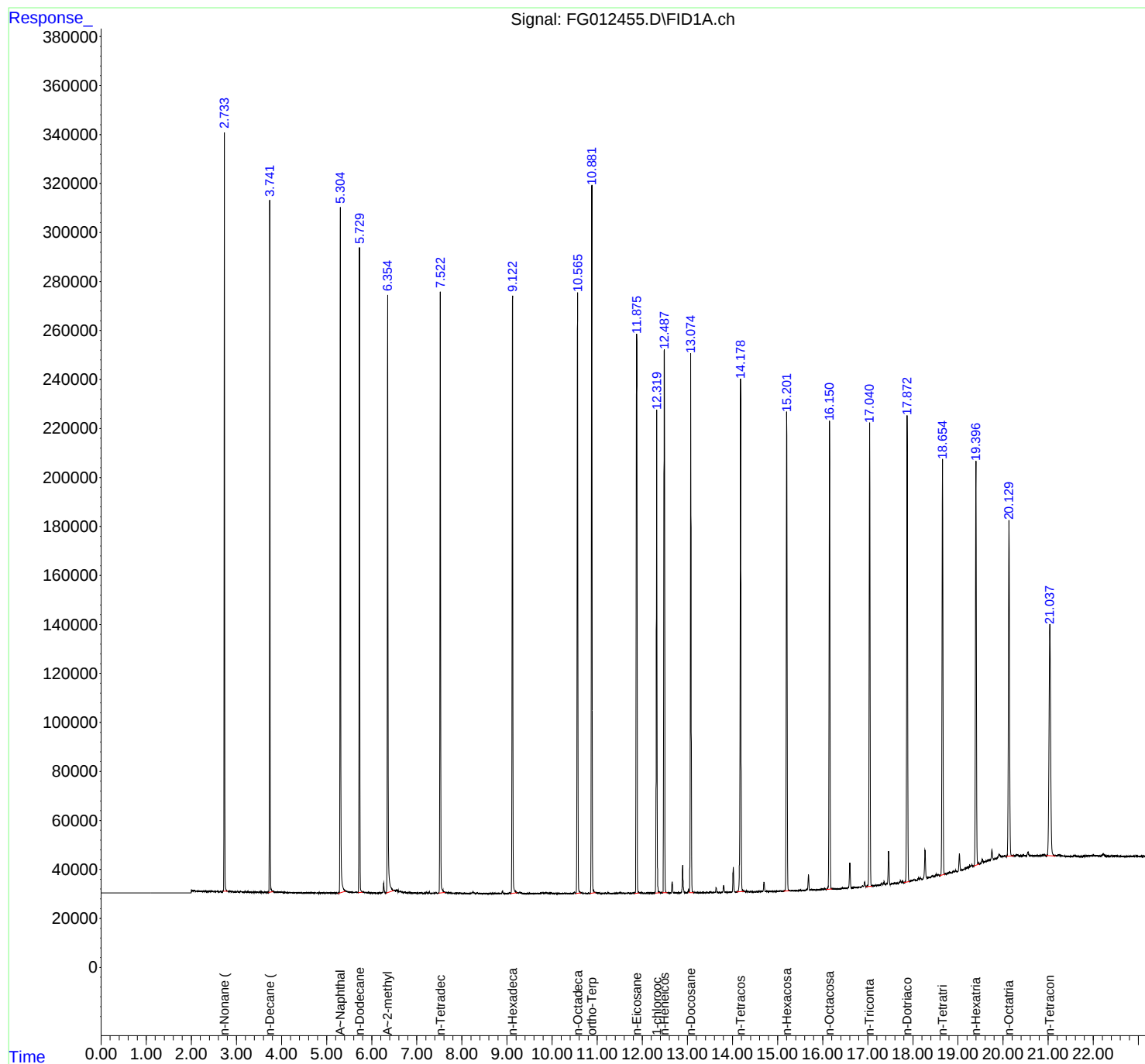
(m)=manual int.

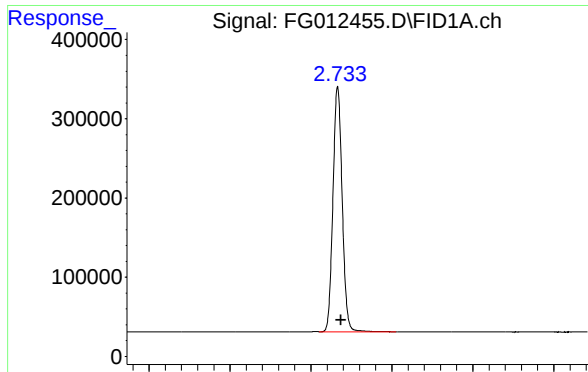
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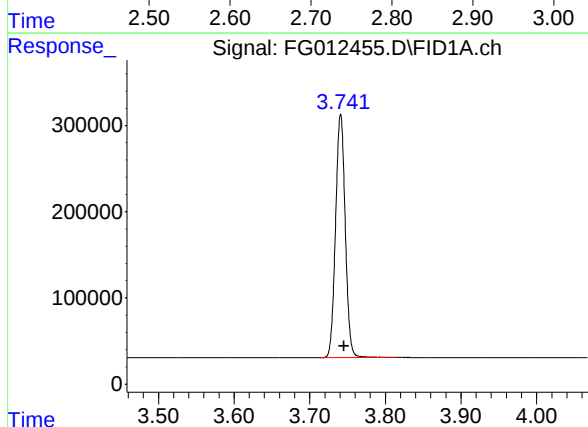




#1 n-Nonane (C9)

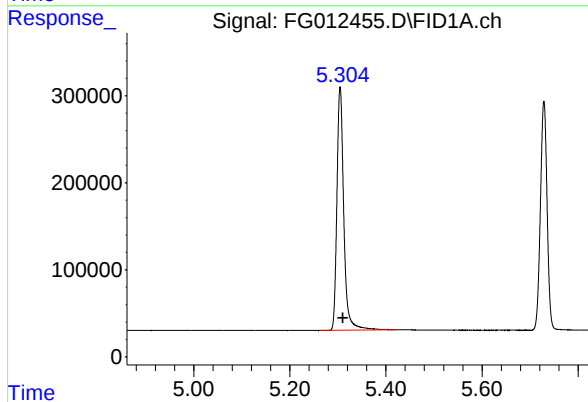
R.T.: 2.733 min
Delta R.T.: -0.004 min
Response: 2453640
Conc: 19.73 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



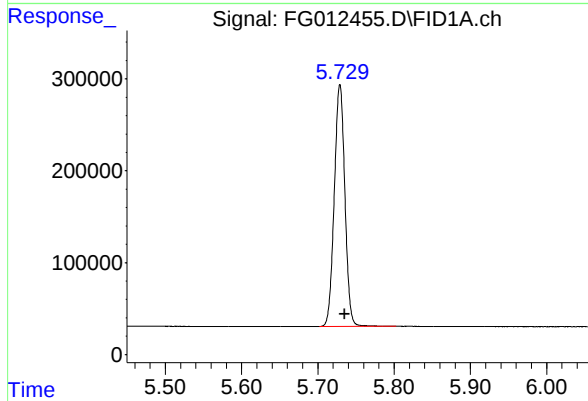
#2 n-Decane (C10)

R.T.: 3.741 min
Delta R.T.: -0.005 min
Response: 2512609
Conc: 19.76 ug/ml



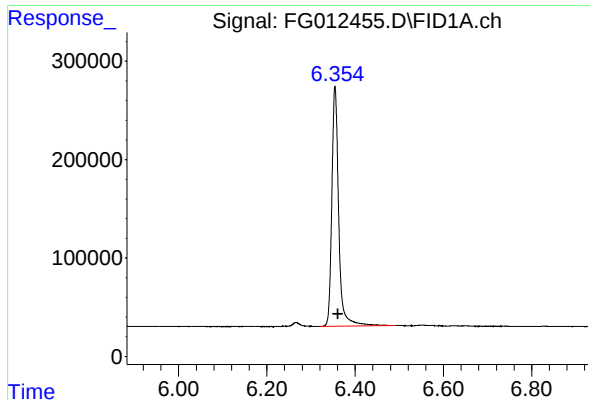
#3 A~Naphthalene (C11.7)

R.T.: 5.305 min
Delta R.T.: -0.006 min
Response: 2780074
Conc: 20.09 ug/ml



#4 n-Dodecane (C12)

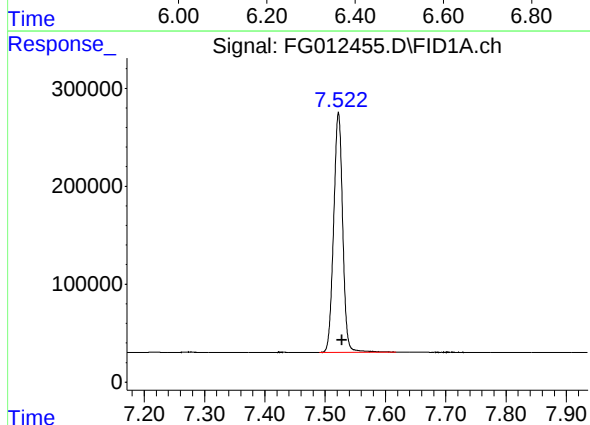
R.T.: 5.729 min
Delta R.T.: -0.006 min
Response: 2546153
Conc: 19.79 ug/ml



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

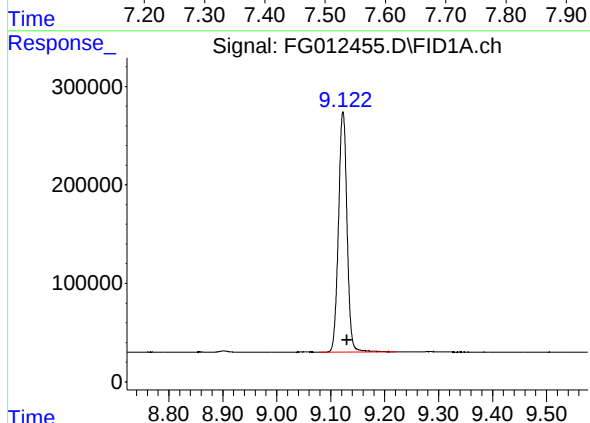
R.T.: 6.354 min
Delta R.T.: -0.006 min
Response: 2642361
Conc: 20.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



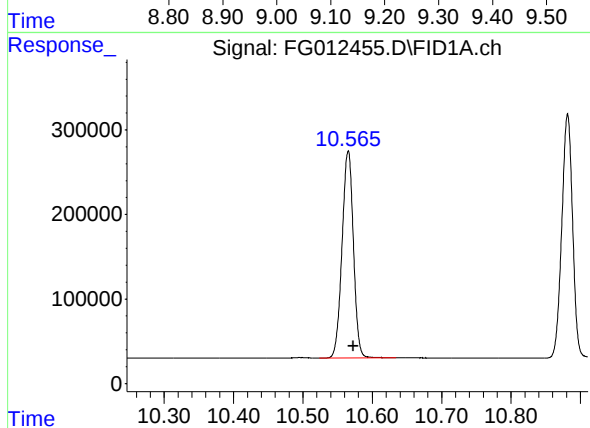
#6 n-Tetradecane (C14)

R.T.: 7.522 min
Delta R.T.: -0.006 min
Response: 2551972
Conc: 19.98 ug/ml



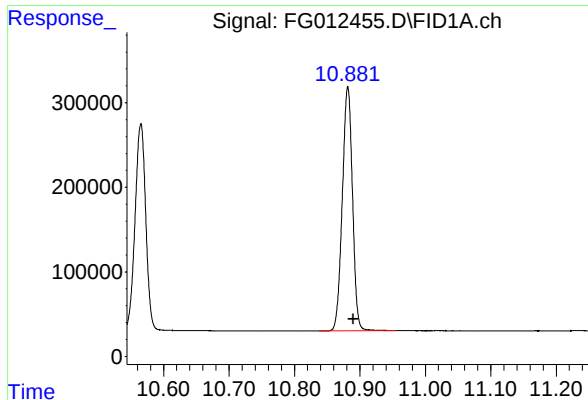
#7 n-Hexadecane (C16)

R.T.: 9.123 min
Delta R.T.: -0.007 min
Response: 2696382
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

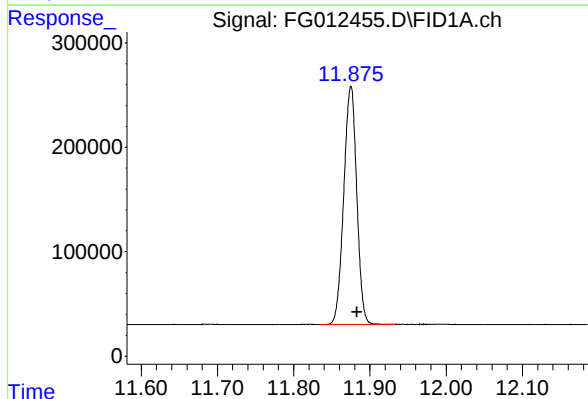
R.T.: 10.565 min
Delta R.T.: -0.007 min
Response: 2785086
Conc: 20.06 ug/ml



#9 ortho-Terphenyl (SURR)

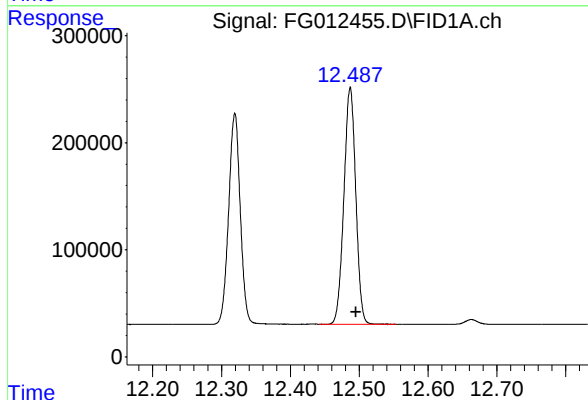
R.T.: 10.882 min
Delta R.T.: -0.008 min
Response: 3117900
Conc: 19.95 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



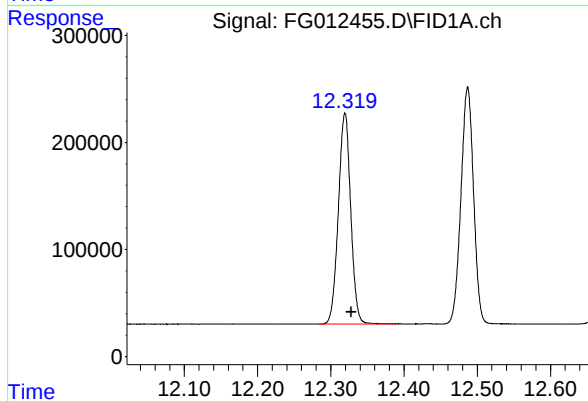
#10 n-Eicosane (C20)

R.T.: 11.875 min
Delta R.T.: -0.008 min
Response: 2704462
Conc: 20.00 ug/ml



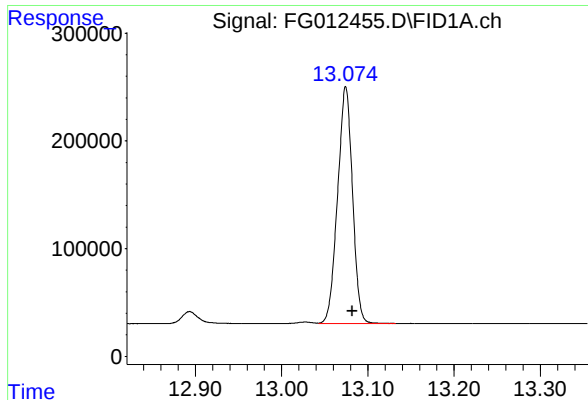
#11 n-Heneicosane (C21)

R.T.: 12.487 min
Delta R.T.: -0.008 min
Response: 2646050
Conc: 19.95 ug/ml



#12 1-chlorooctadecane (SURR)

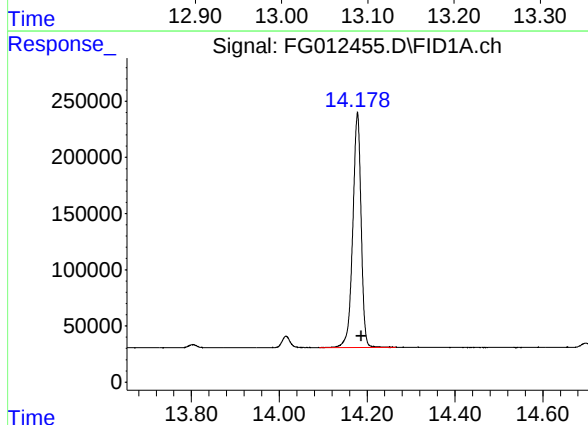
R.T.: 12.320 min
Delta R.T.: -0.009 min
Response: 2313757
Conc: 19.96 ug/ml



#13 n-Docosane (C22)

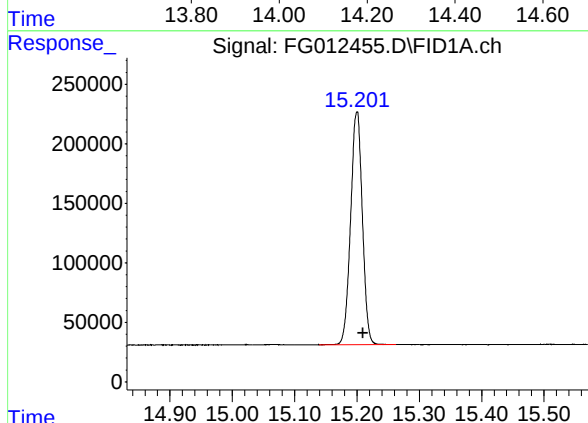
R.T.: 13.074 min
Delta R.T.: -0.008 min
Response: 2640526
Conc: 20.03 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



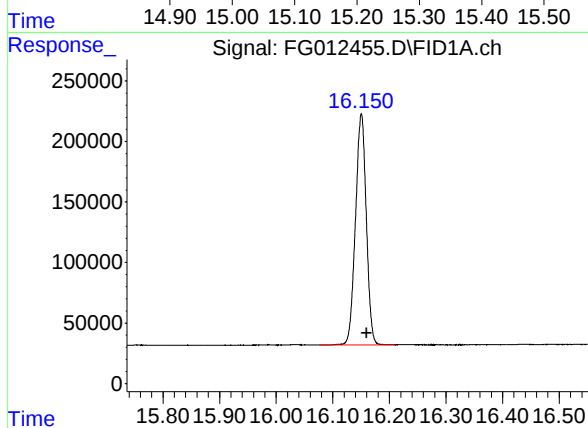
#14 n-Tetracosane (C24)

R.T.: 14.178 min
Delta R.T.: -0.009 min
Response: 2750117
Conc: 19.58 ug/ml



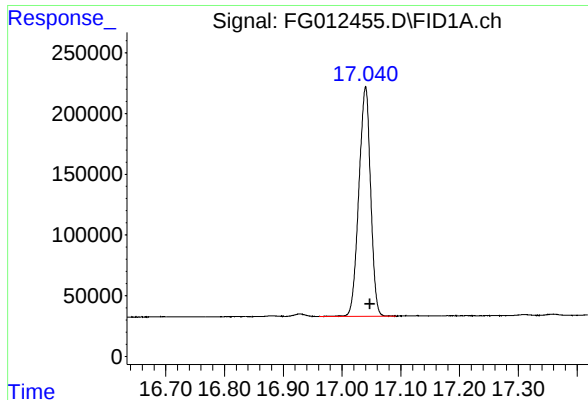
#15 n-Hexacosane (C26)

R.T.: 15.200 min
Delta R.T.: -0.009 min
Response: 2560807
Conc: 20.29 ug/ml



#16 n-Octacosane (C28)

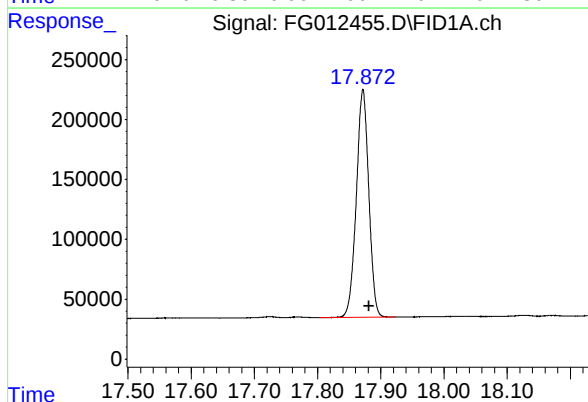
R.T.: 16.151 min
Delta R.T.: -0.010 min
Response: 2533343
Conc: 20.15 ug/ml



#17 n-Tricontane (C30)

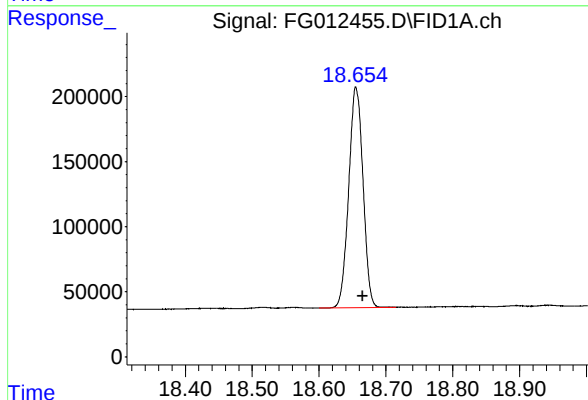
R.T.: 17.040 min
Delta R.T.: -0.007 min
Response: 2615784
Conc: 19.80 ug/ml

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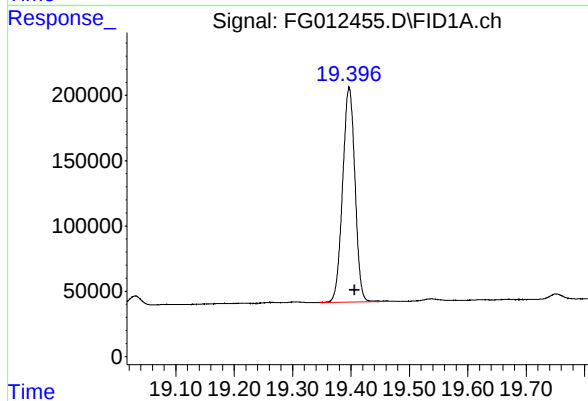
#18 n-Dotriacontane (C32)

R.T.: 17.872 min
Delta R.T.: -0.009 min
Response: 2606660
Conc: 19.59 ug/ml



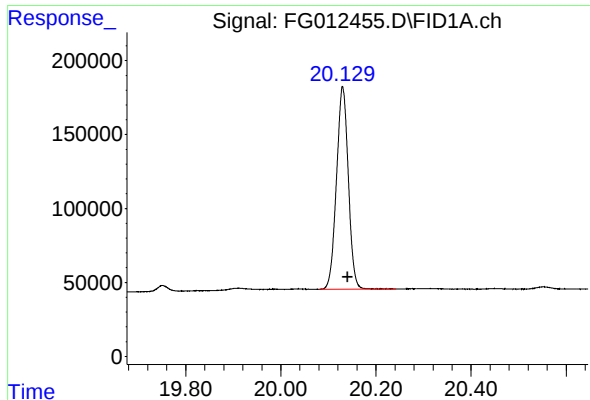
#19 n-Tetatriacontane (C34)

R.T.: 18.655 min
Delta R.T.: -0.010 min
Response: 2517610
Conc: 19.65 ug/ml



#20 n-Hexatriacontane (C36)

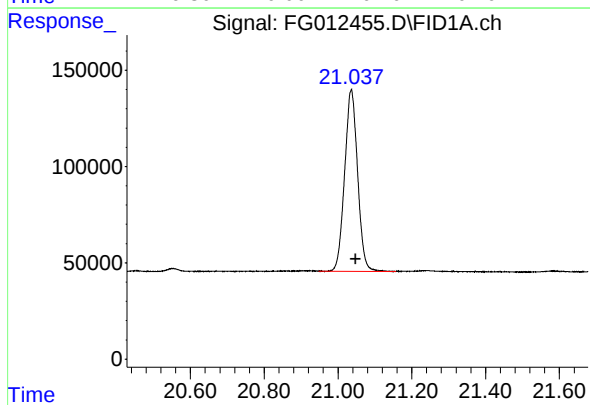
R.T.: 19.397 min
Delta R.T.: -0.009 min
Response: 2420405
Conc: 19.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.130 min
Delta R.T.: -0.010 min
Response: 2361315
Conc: 19.77 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.036 min
Delta R.T.: -0.012 min
Response: 2293771
Conc: 19.80 ug/ml