

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062023AL\
 Data File : FG012241.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 12:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jun 20 13:20:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 13:19:54 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)	10.903	3176559	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.341	2371097	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	2.746	2475867	20.000 ug/ml
2) T n-Decane (C10)	3.756	2549626	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.323	2879785	20.000 ug/ml
4) T n-Dodecane (C12)	5.746	2613932	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.373	2762041	20.000 ug/ml
6) T n-Tetradecane (C14)	7.540	2634307	20.000 ug/ml
7) T n-Hexadecane (C16)	9.142	2791272	20.000 ug/ml
8) T n-Octadecane (C18)	10.585	2872565	20.000 ug/ml
10) T n-Eicosane (C20)	11.895	2781358	20.000 ug/ml
11) T n-Heneicosane (C21)	12.509	2700846	20.000 ug/ml
13) T n-Docosane (C22)	13.095	2731785	20.000 ug/ml
14) T n-Tetracosane (C24)	14.200	2918662	20.000 ug/ml
15) T n-Hexacosane (C26)	15.222	2802758	20.000 ug/ml
16) T n-Octacosane (C28)	16.172	2806994	20.000 ug/ml
17) T n-Tricontane (C30)	17.062	2905824	20.000 ug/ml
18) T n-Dotriacontane (C32)	17.895	2839601	20.000 ug/ml
19) T n-Tetratriacontane (C34)	18.679	2647068	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.422	2491939	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.159	2424712	20.000 ug/ml
22) T n-Tetracontane (C40)	21.072	2377557	20.000 ug/ml

(f)=RT Delta > 1/2 Window

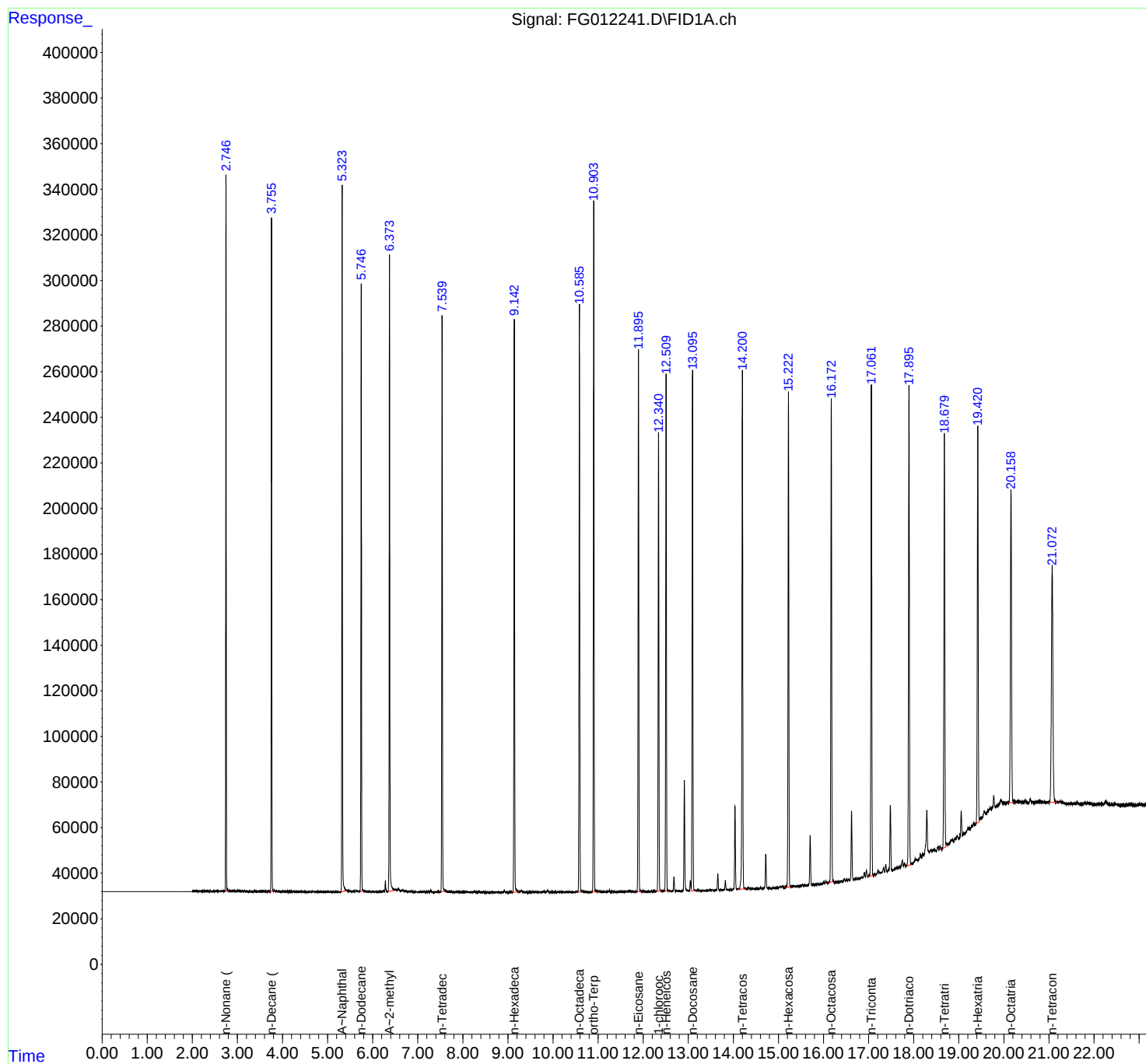
(m)=manual int.

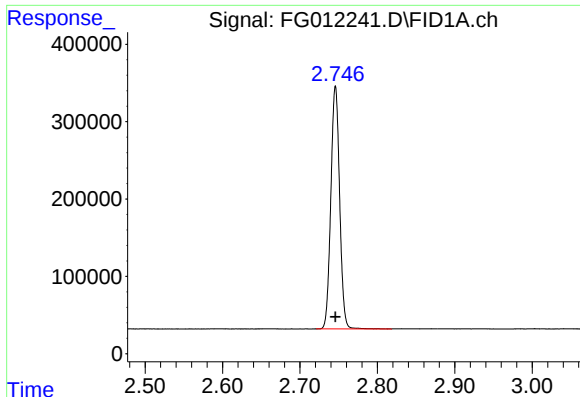
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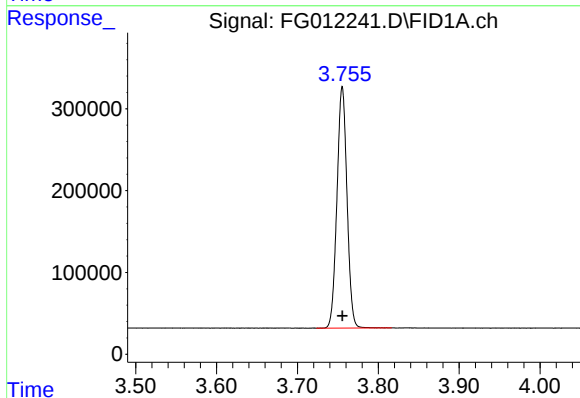




#1 n-Nonane (C9)

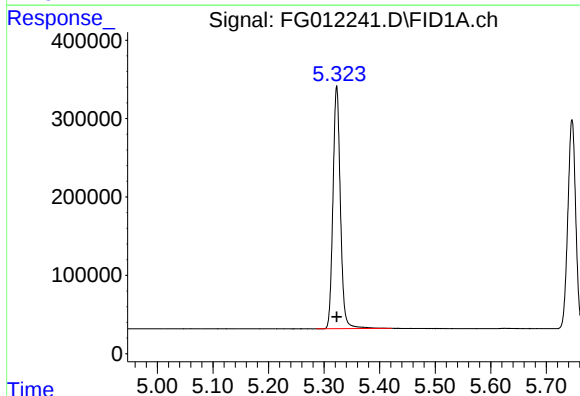
R.T.: 2.746 min
Delta R.T.: 0.000 min
Response: 2475867
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



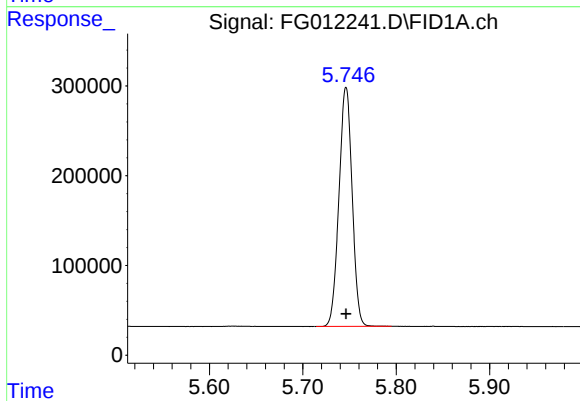
#2 n-Decane (C10)

R.T.: 3.756 min
Delta R.T.: 0.000 min
Response: 2549626
Conc: 20.00 ug/ml



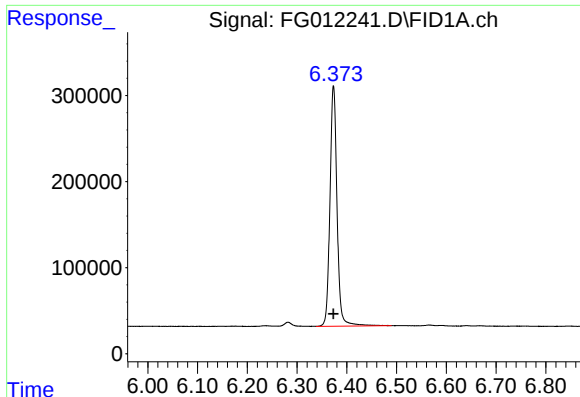
#3 A~Naphthalene (C11.7)

R.T.: 5.323 min
Delta R.T.: 0.000 min
Response: 2879785
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

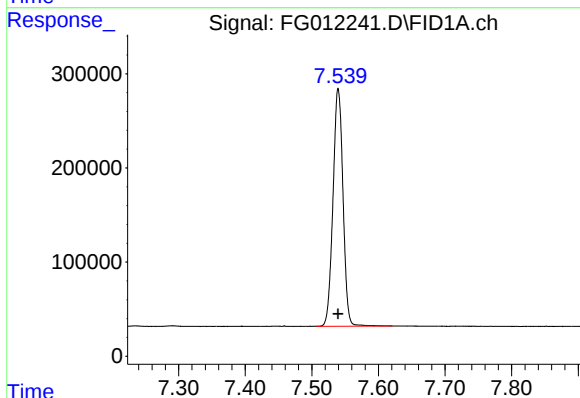
R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 2613932
Conc: 20.00 ug/ml



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

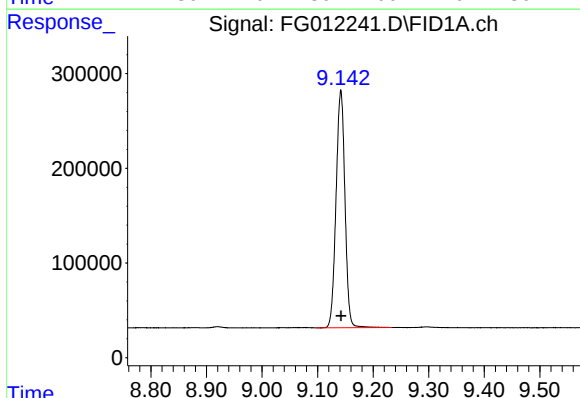
R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 2762041
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



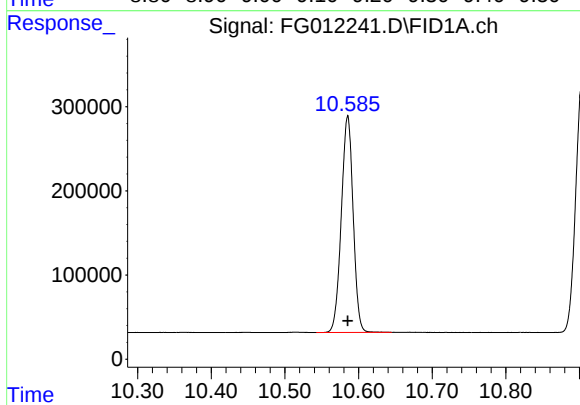
#6 n-Tetradecane (C14)

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 2634307
Conc: 20.00 ug/ml



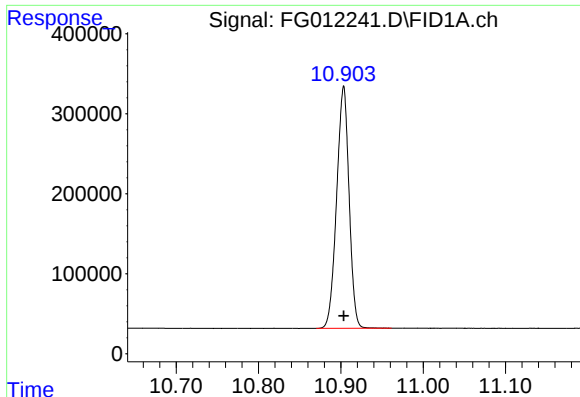
#7 n-Hexadecane (C16)

R.T.: 9.142 min
Delta R.T.: 0.000 min
Response: 2791272
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

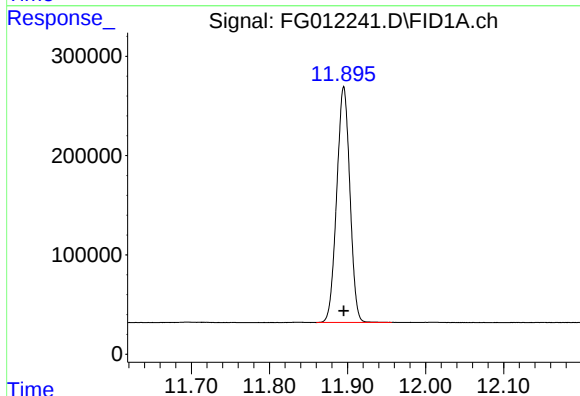
R.T.: 10.585 min
Delta R.T.: 0.000 min
Response: 2872565
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

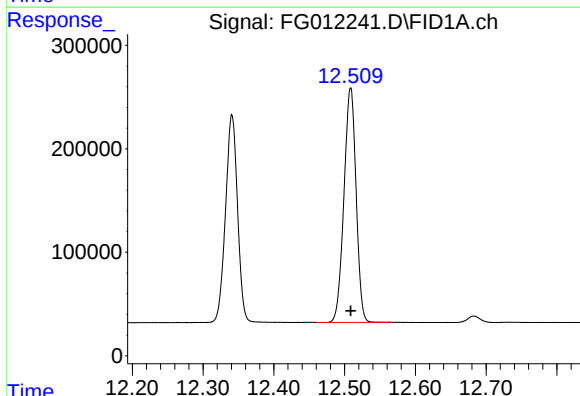
R.T.: 10.903 min
Delta R.T.: 0.000 min
Response: 3176559
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



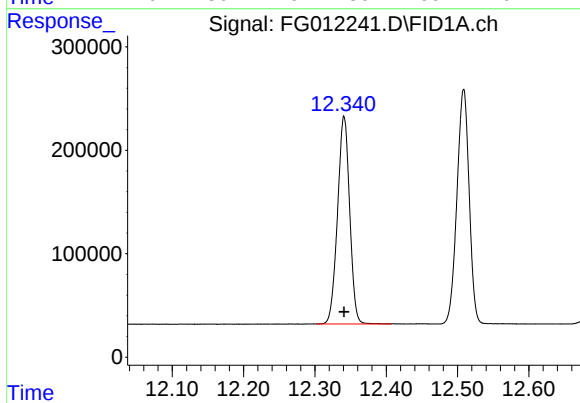
#10 n-Eicosane (C20)

R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 2781358
Conc: 20.00 ug/ml



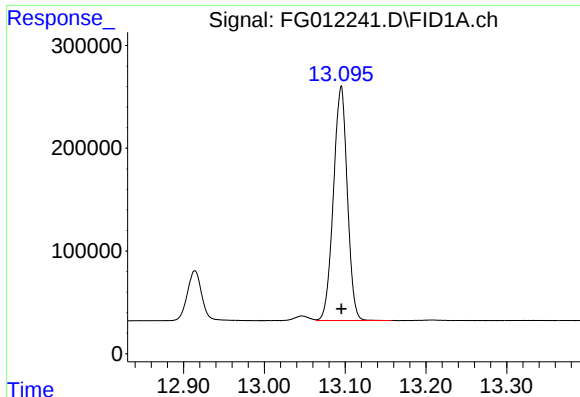
#11 n-Heneicosane (C21)

R.T.: 12.509 min
Delta R.T.: 0.000 min
Response: 2700846
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

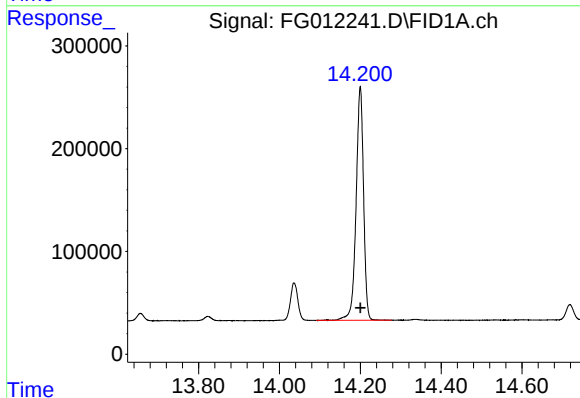
R.T.: 12.341 min
Delta R.T.: 0.000 min
Response: 2371097
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

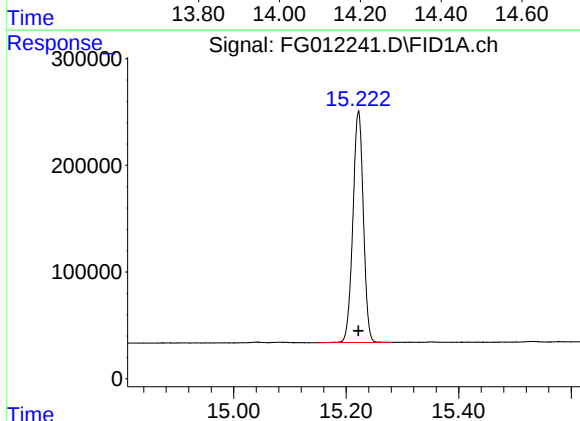
R.T.: 13.095 min
Delta R.T.: 0.000 min
Response: 2731785
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



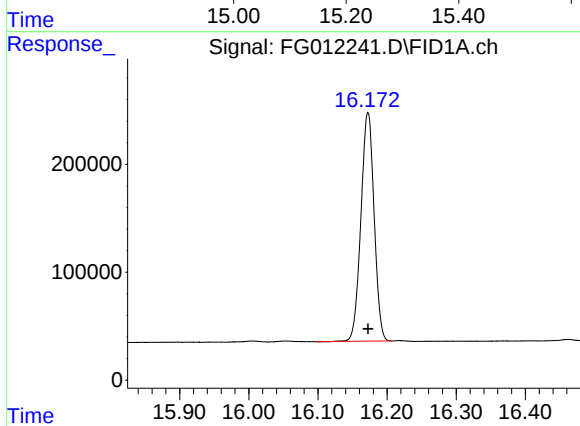
#14 n-Tetracosane (C24)

R.T.: 14.200 min
Delta R.T.: 0.000 min
Response: 2918662
Conc: 20.00 ug/ml



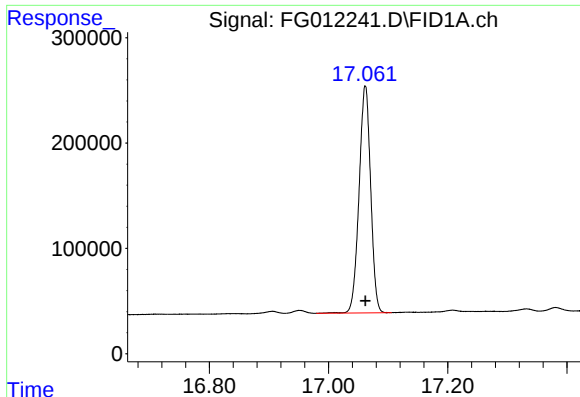
#15 n-Hexacosane (C26)

R.T.: 15.222 min
Delta R.T.: 0.000 min
Response: 2802758
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

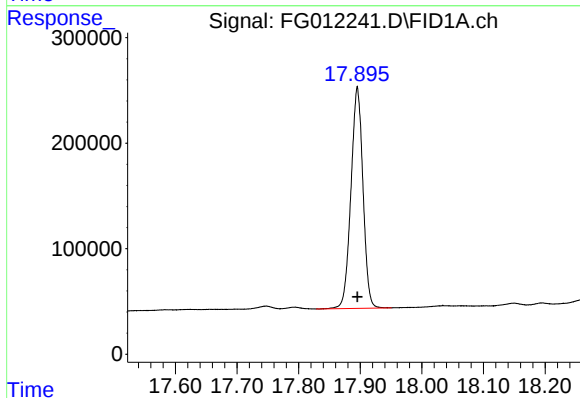
R.T.: 16.172 min
Delta R.T.: 0.000 min
Response: 2806994
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

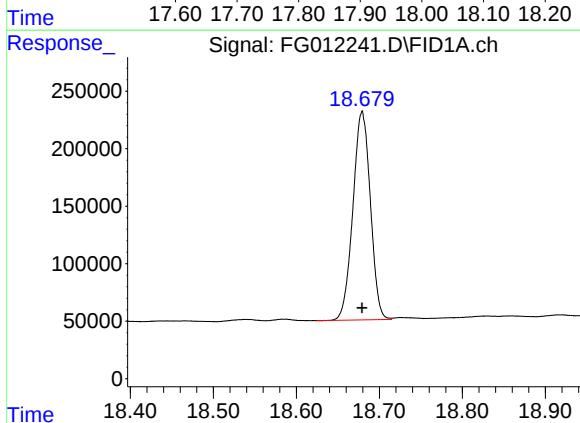
R.T.: 17.062 min
Delta R.T.: 0.000 min
Response: 2905824
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



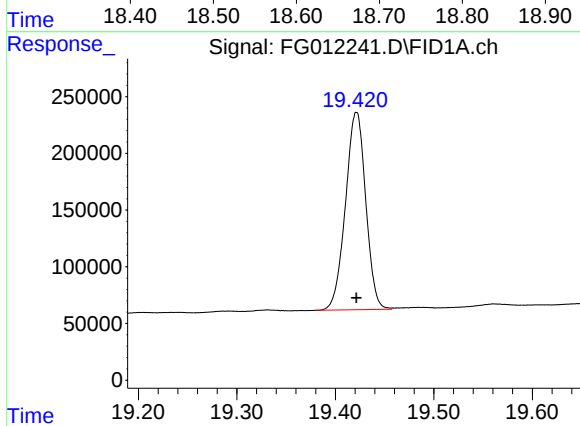
#18 n-Dotriacontane (C32)

R.T.: 17.895 min
Delta R.T.: 0.000 min
Response: 2839601
Conc: 20.00 ug/ml



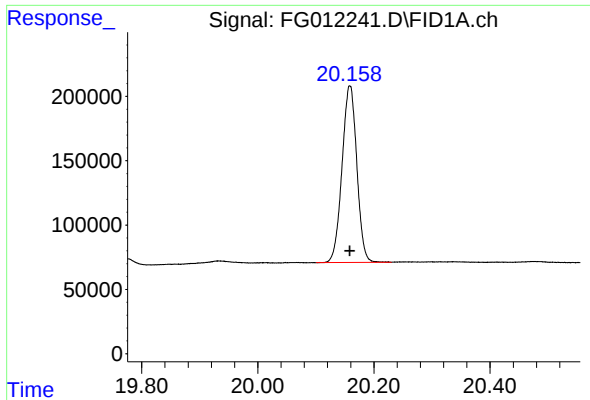
#19 n-Tetratriacontane (C34)

R.T.: 18.679 min
Delta R.T.: 0.000 min
Response: 2647068
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

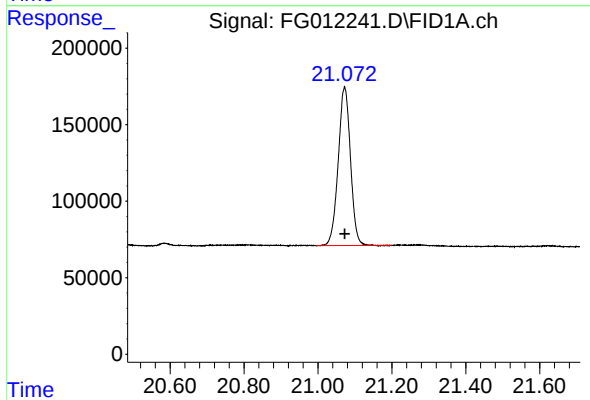
R.T.: 19.422 min
Delta R.T.: 0.000 min
Response: 2491939
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.159 min
Delta R.T.: 0.000 min
Response: 2424712
Conc: 20.00 ug/ml

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FID_G
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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.072 min
Delta R.T.: 0.000 min
Response: 2377557
Conc: 20.00 ug/ml