

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062023AL\
 Data File : FG012246.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 15:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 20 16:09:19 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)	10.902	3225249	21.318 ug/ml
Spiked Amount 50.000		Recovery =	42.64%
12) S 1-chlorooctadecane (S...	12.341	2409204	21.390 ug/ml
Spiked Amount 50.000		Recovery =	42.78%
Target Compounds			
1) T n-Nonane (C9)	2.745	2512152	21.212 ug/ml
2) T n-Decane (C10)	3.755	2586866	21.247 ug/ml
3) T A~Naphthalene (C11.7)	5.322	2926549	21.355 ug/ml
4) T n-Dodecane (C12)	5.746	2653597	21.235 ug/ml
5) T A~2-methylnaphthalene...	6.373	2807149	21.471 ug/ml
6) T n-Tetradecane (C14)	7.540	2672653	21.334 ug/ml
7) T n-Hexadecane (C16)	9.142	2821991	21.404 ug/ml
8) T n-Octadecane (C18)	10.585	2911067	21.402 ug/ml
10) T n-Eicosane (C20)	11.895	2808258	21.365 ug/ml
11) T n-Heneicosane (C21)	12.508	2737753	21.348 ug/ml
13) T n-Docosane (C22)	13.094	2723121	21.452 ug/ml
14) T n-Tetracosane (C24)	14.200	2787388	20.943 ug/ml
15) T n-Hexacosane (C26)	15.221	2625404	21.412 ug/ml
16) T n-Octacosane (C28)	16.172	2583140	21.357 ug/ml
17) T n-Tricontane (C30)	17.061	2629724	21.136 ug/ml
18) T n-Dotriacontane (C32)	17.895	2578833	20.809 ug/ml
19) T n-Tetratriacontane (C34)	18.677	2498697	20.892 ug/mlm
20) T n-Hexatriacontane (C36)	19.422	2417252	20.975 ug/ml
21) T n-Octatriacontane (C38)	20.159	2399047	20.991 ug/ml
22) T n-Tetracontane (C40)	21.073	2378330	21.014 ug/ml

(f)=RT Delta > 1/2 Window

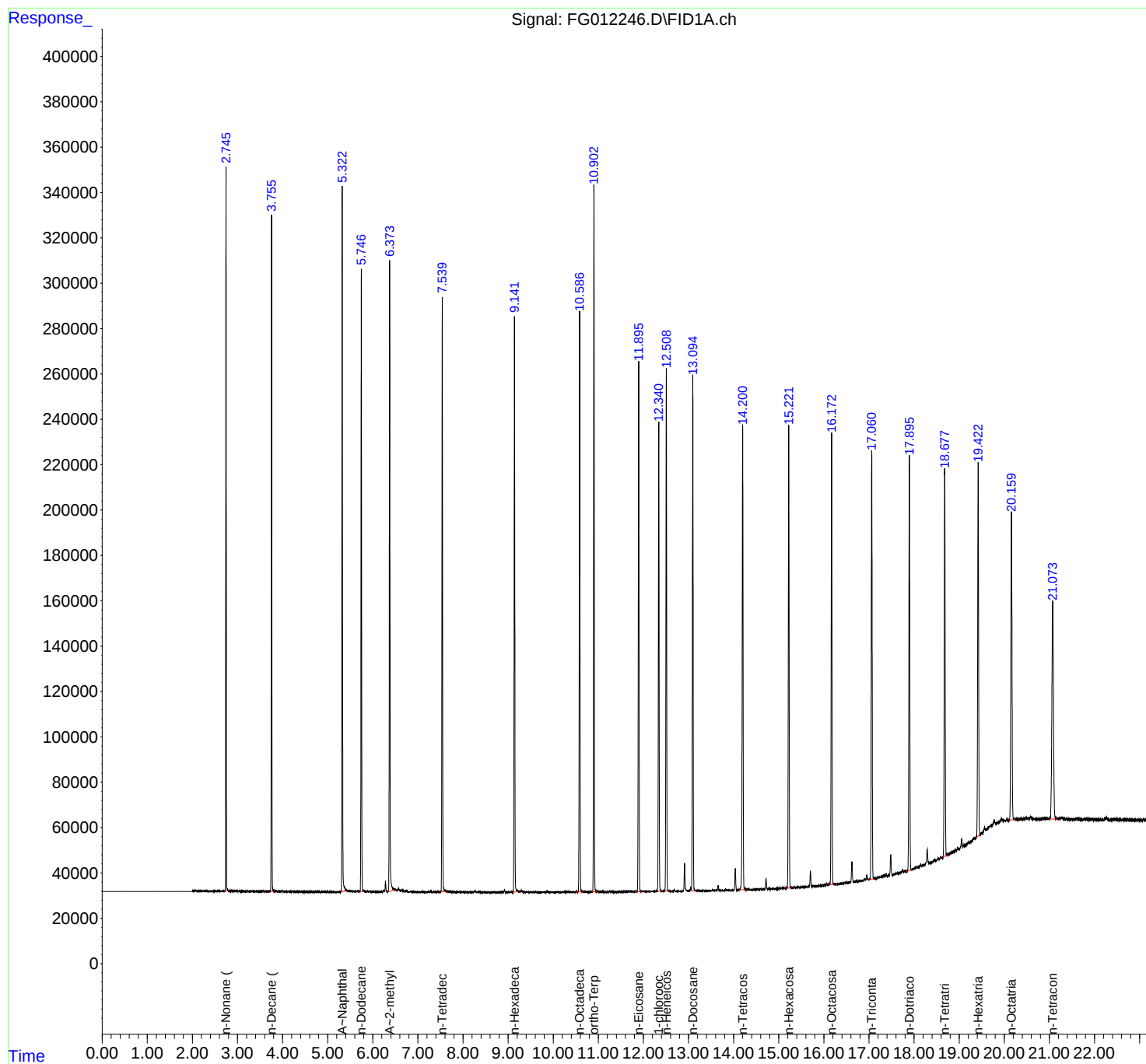
(m)=manual int.

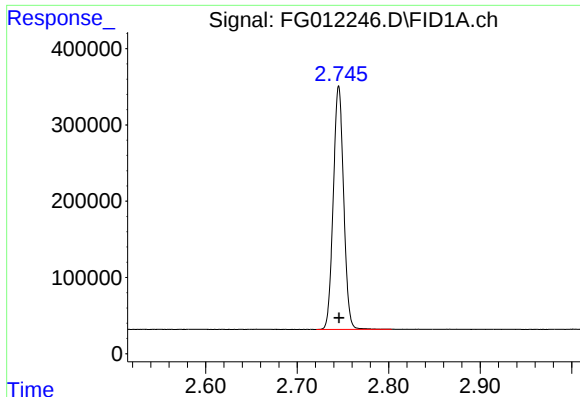
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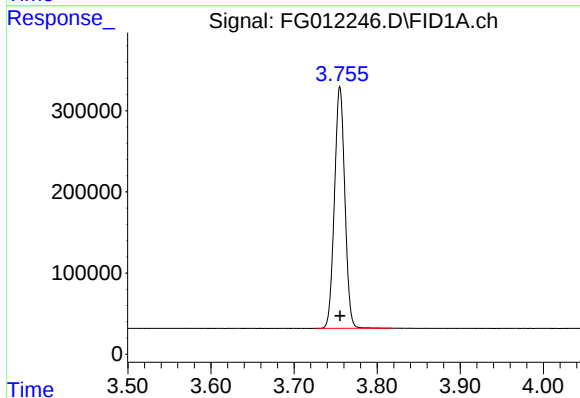




#1 n-Nonane (C9)

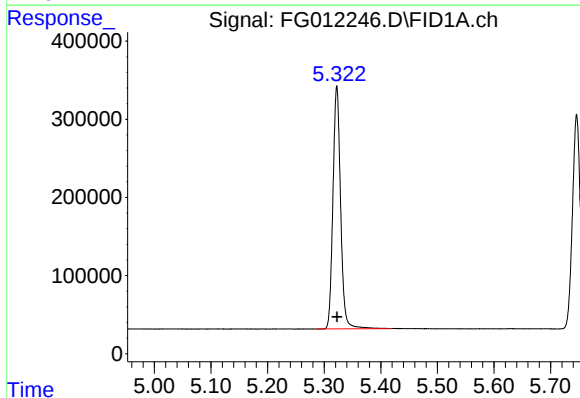
R.T.: 2.745 min
Delta R.T.: 0.000 min
Response: 2512152
Conc: 21.21 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



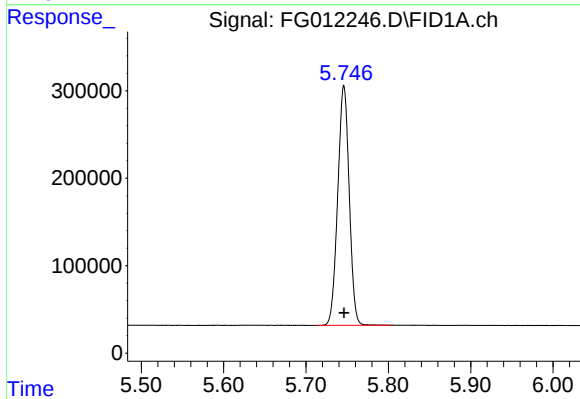
#2 n-Decane (C10)

R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 2586866
Conc: 21.25 ug/ml



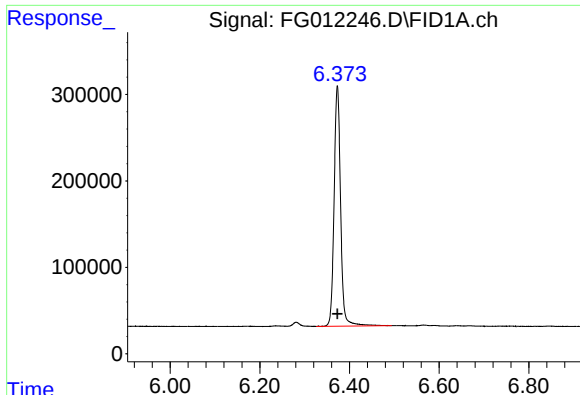
#3 A~Naphthalene (C11.7)

R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 2926549
Conc: 21.35 ug/ml



#4 n-Dodecane (C12)

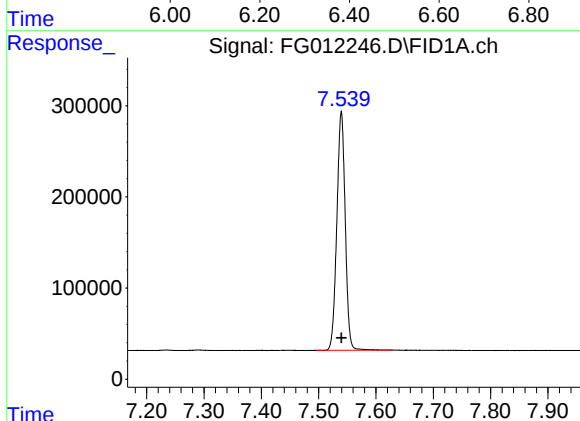
R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 2653597
Conc: 21.24 ug/ml



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

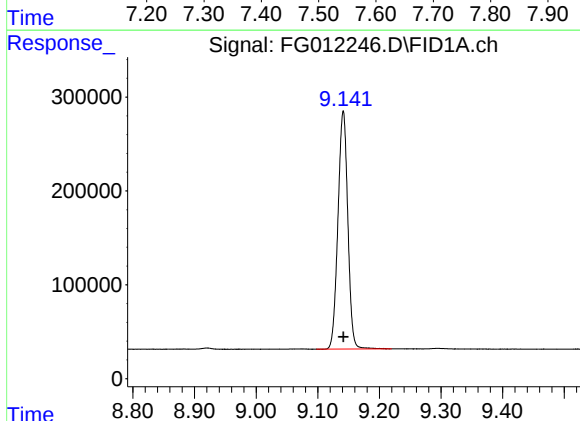
R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 2807149
Conc: 21.47 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



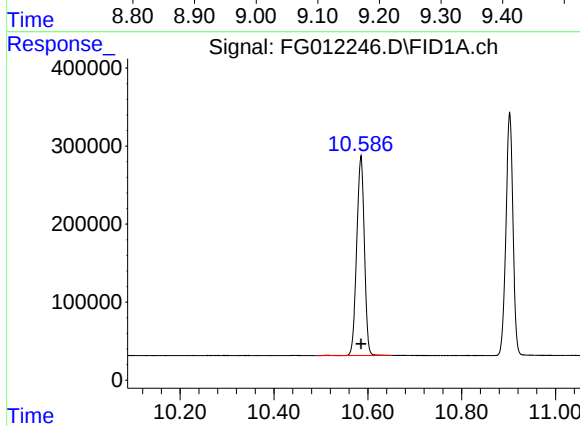
#6 n-Tetradecane (C14)

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 2672653
Conc: 21.33 ug/ml



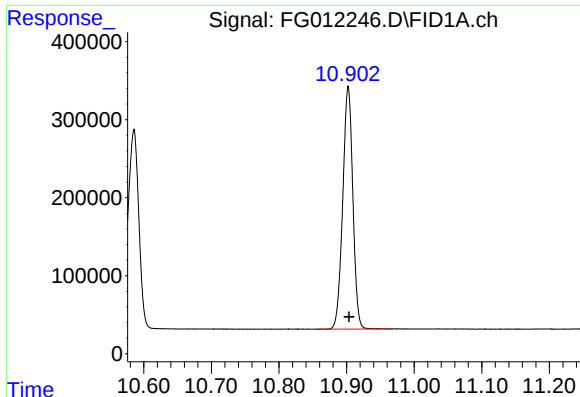
#7 n-Hexadecane (C16)

R.T.: 9.142 min
Delta R.T.: 0.000 min
Response: 2821991
Conc: 21.40 ug/ml



#8 n-Octadecane (C18)

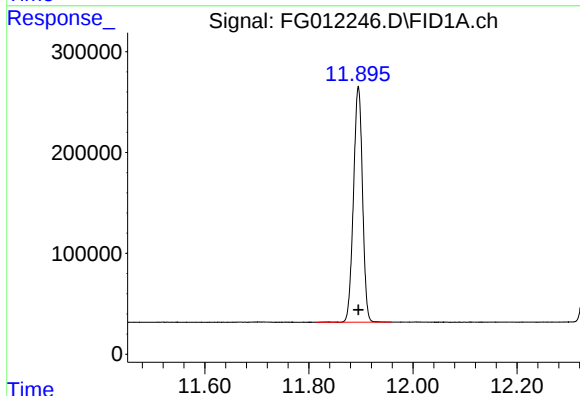
R.T.: 10.585 min
Delta R.T.: 0.000 min
Response: 2911067
Conc: 21.40 ug/ml



#9 ortho-Terphenyl (SURR)

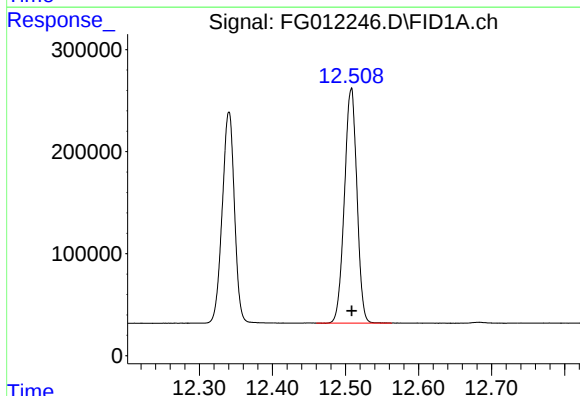
R.T.: 10.902 min
Delta R.T.: 0.000 min
Response: 3225249
Conc: 21.32 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



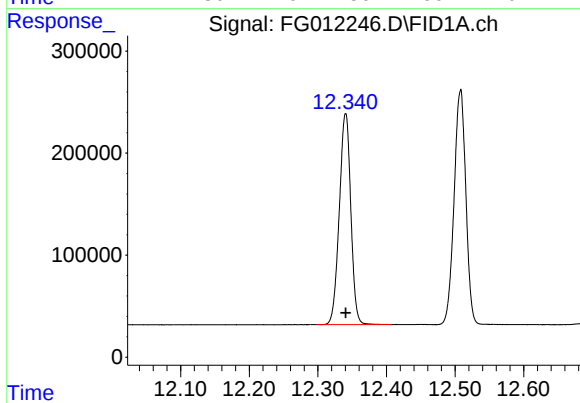
#10 n-Eicosane (C20)

R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 2808258
Conc: 21.36 ug/ml



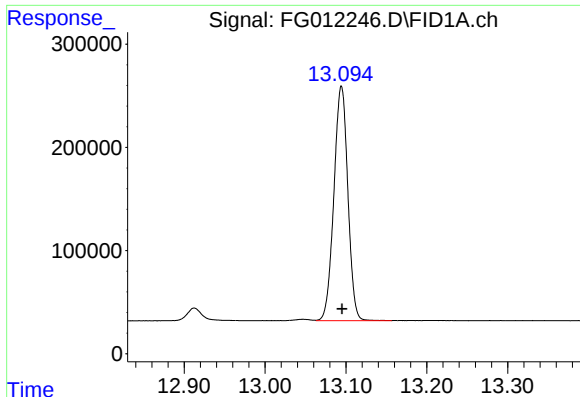
#11 n-Heneicosane (C21)

R.T.: 12.508 min
Delta R.T.: 0.000 min
Response: 2737753
Conc: 21.35 ug/ml



#12 1-chlorooctadecane (SURR)

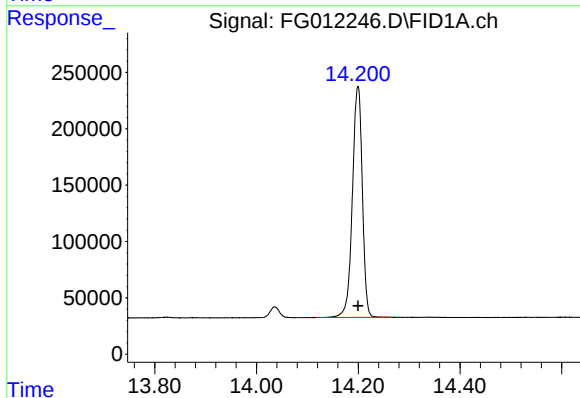
R.T.: 12.341 min
Delta R.T.: 0.000 min
Response: 2409204
Conc: 21.39 ug/ml



#13 n-Docosane (C22)

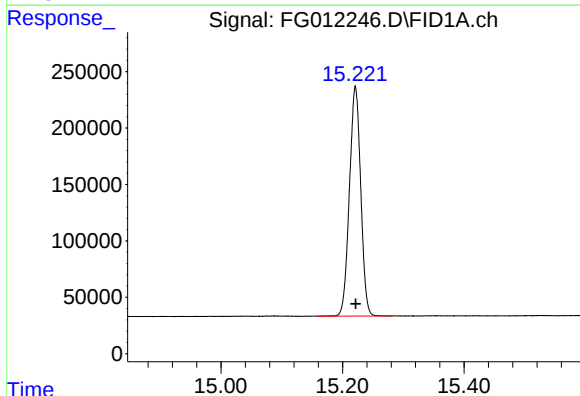
R.T.: 13.094 min
Delta R.T.: 0.000 min
Response: 2723121
Conc: 21.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



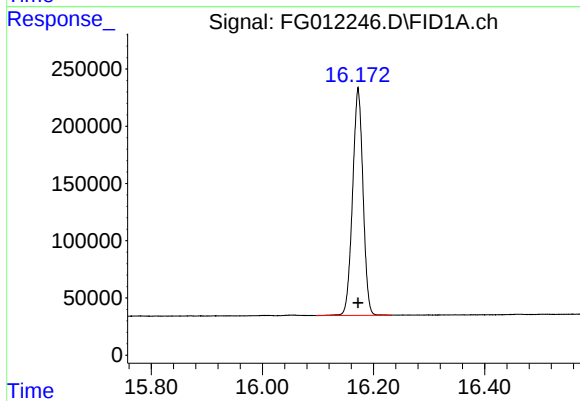
#14 n-Tetracosane (C24)

R.T.: 14.200 min
Delta R.T.: 0.000 min
Response: 2787388
Conc: 20.94 ug/ml



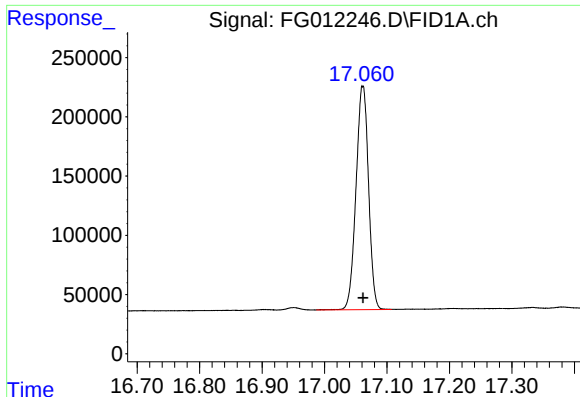
#15 n-Hexacosane (C26)

R.T.: 15.221 min
Delta R.T.: 0.000 min
Response: 2625404
Conc: 21.41 ug/ml



#16 n-Octacosane (C28)

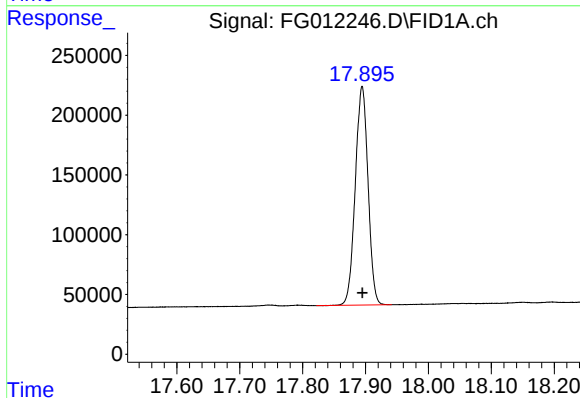
R.T.: 16.172 min
Delta R.T.: 0.000 min
Response: 2583140
Conc: 21.36 ug/ml



#17 n-Tricontane (C30)

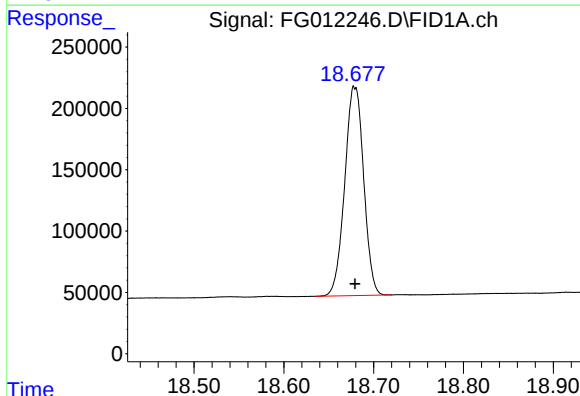
R.T.: 17.061 min
Delta R.T.: 0.000 min
Response: 2629724
Conc: 21.14 ug/ml

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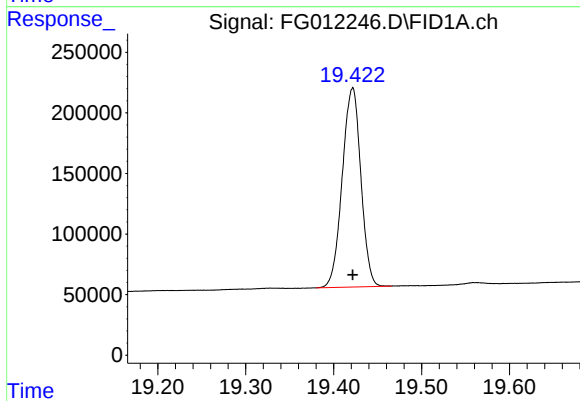
#18 n-Dotriacontane (C32)

R.T.: 17.895 min
Delta R.T.: 0.000 min
Response: 2578833
Conc: 20.81 ug/ml



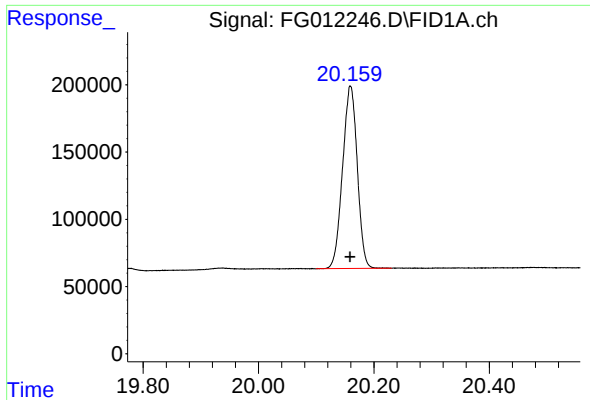
#19 n-Tetratriacontane (C34)

R.T.: 18.677 min
Delta R.T.: -0.002 min
Response: 2498697
Conc: 20.89 ug/ml m



#20 n-Hexatriacontane (C36)

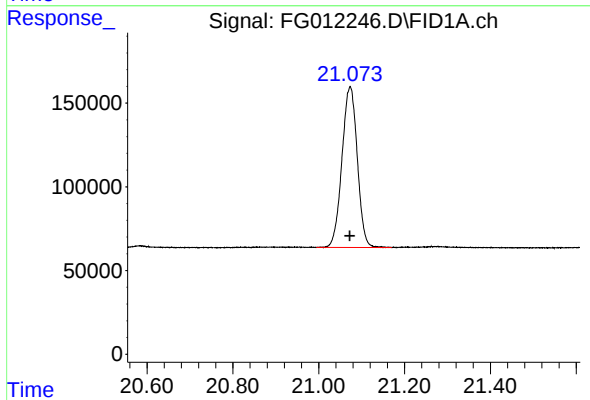
R.T.: 19.422 min
Delta R.T.: 0.000 min
Response: 2417252
Conc: 20.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.159 min
Delta R.T.: 0.000 min
Response: 2399047
Conc: 20.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.073 min
Delta R.T.: 0.001 min
Response: 2378330
Conc: 21.01 ug/ml