

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110824AL\
 Data File : FG014712.D
 Signal(s) : FID1A.ch
 Acq On : 08 Nov 2024 14:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 09 03:40:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:49:54 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)	11.953	3036926	19.814 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
12) S 1-chlorooctadecane (S...	13.393	2346691	19.111 ug/ml
Spiked Amount 50.000		Recovery =	38.22%
Target Compounds			
1) T n-Nonane (C9)	3.323	2703585	20.891 ug/ml
2) T n-Decane (C10)	4.574	2770739	21.027 ug/ml
3) T A~Naphthalene (C11.7)	6.278	2983586	20.799 ug/ml
4) T n-Dodecane (C12)	6.744	2805243	21.117 ug/ml
5) T A~2-methylnaphthalene...	7.376	2891164	20.724 ug/ml
6) T n-Tetradecane (C14)	8.577	2784336	20.985 ug/ml
7) T n-Hexadecane (C16)	10.189	2863906	20.609 ug/ml
8) T n-Octadecane (C18)	11.636	2878594	20.108 ug/ml
10) T n-Eicosane (C20)	12.949	2751698	19.567 ug/ml
11) T n-Heneicosane (C21)	13.561	2694014	19.248 ug/ml
13) T n-Docosane (C22)	14.149	2679026	19.044 ug/ml
14) T n-Tetracosane (C24)	15.254	2674604	18.796 ug/ml
15) T n-Hexacosane (C26)	16.277	2588544	18.339 ug/ml
16) T n-Octacosane (C28)	17.227	2521464	18.244 ug/ml
17) T n-Tricontane (C30)	18.115	2573913	18.571 ug/ml
18) T n-Dotriacontane (C32)	18.948	2477391	18.922 ug/ml
19) T n-Tetratriacontane (C34)	19.732	2115034	18.896 ug/ml
20) T n-Hexatriacontane (C36)	20.474	1808012	19.425 ug/ml
21) T n-Octatriacontane (C38)	21.225	1687104	20.193 ug/ml
22) T n-Tetracontane (C40)	22.164	1654875	21.762 ug/ml

(f)=RT Delta > 1/2 Window

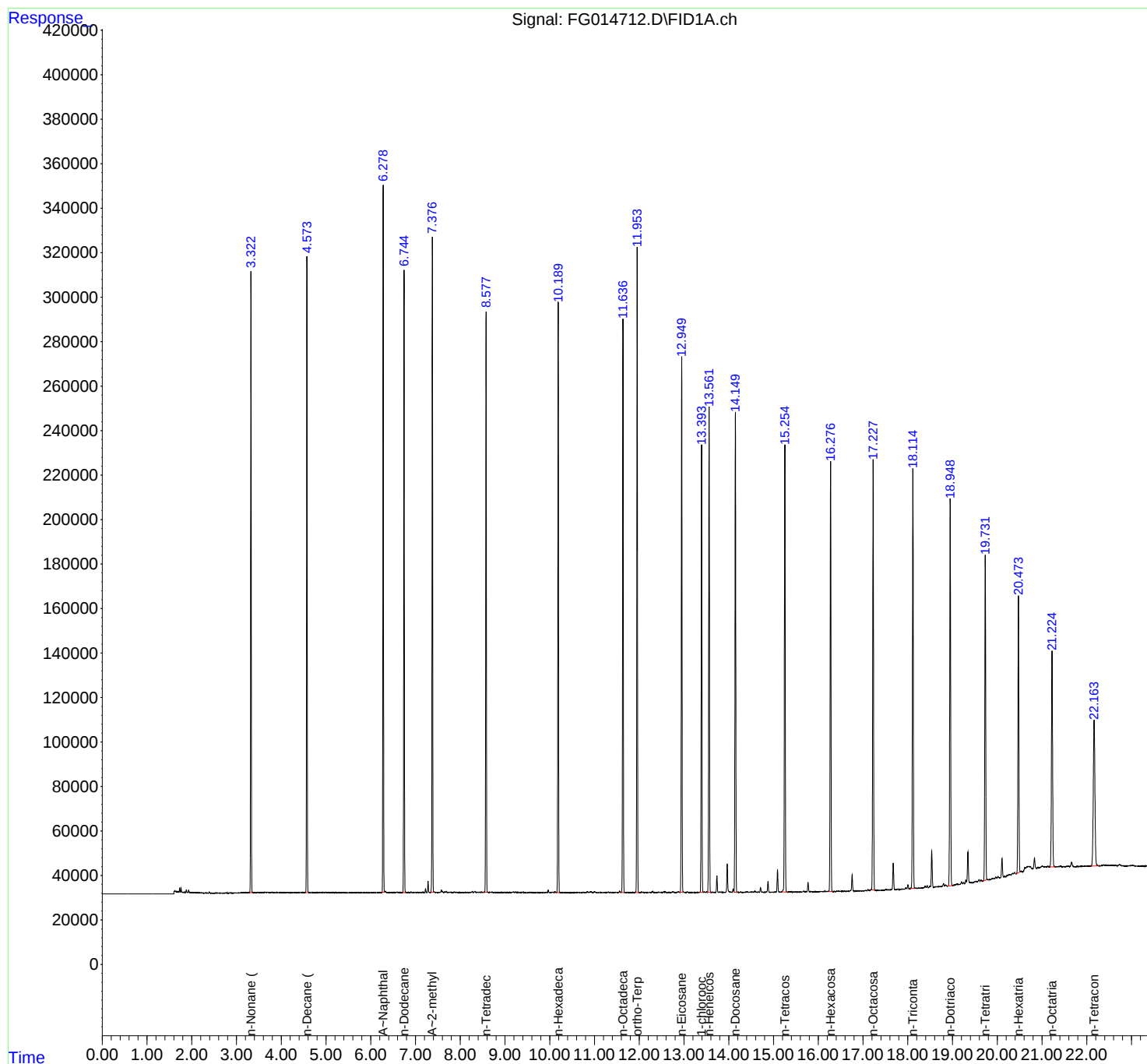
(m)=manual int.

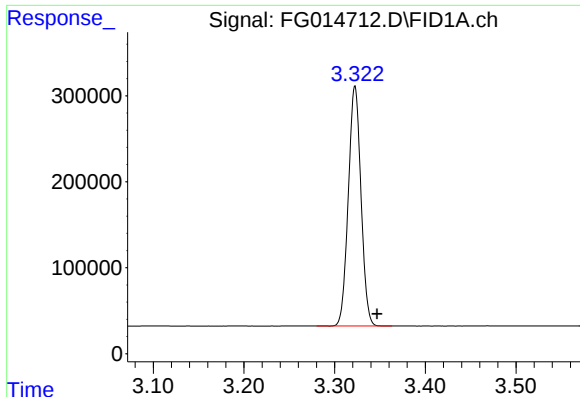
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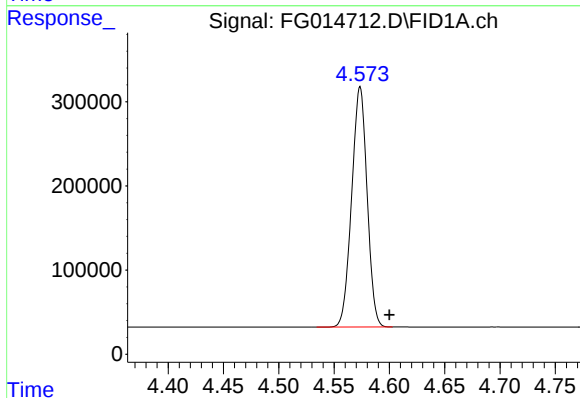




#1 n-Nonane (C9)

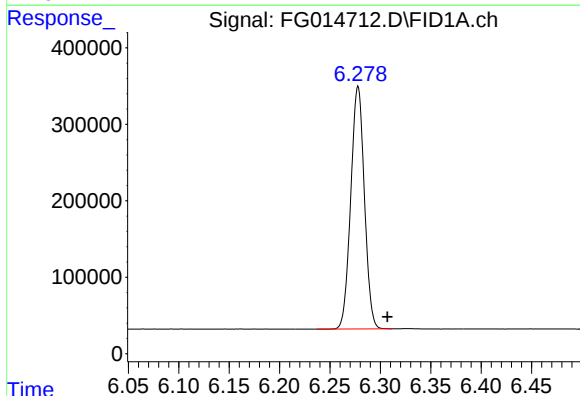
R.T.: 3.323 min
Delta R.T.: -0.024 min
Response: 2703585
Conc: 20.89 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



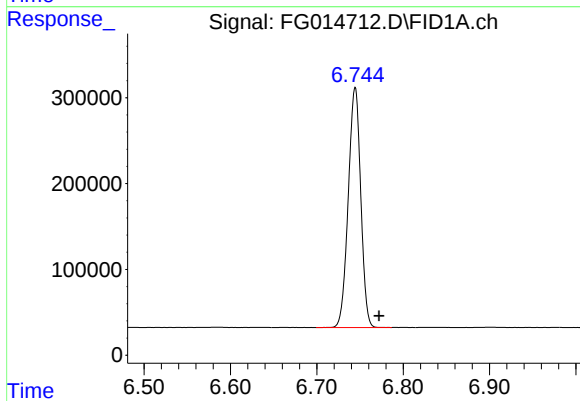
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: -0.026 min
Response: 2770739
Conc: 21.03 ug/ml



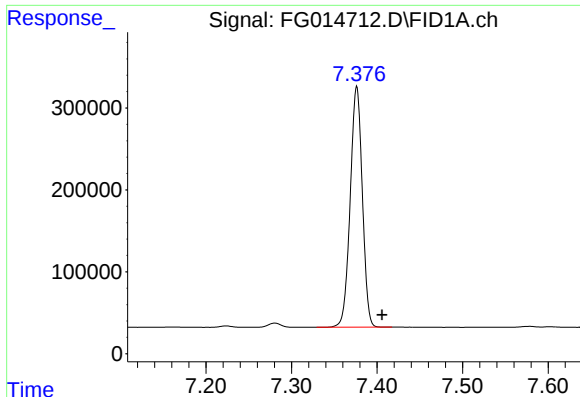
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.029 min
Response: 2983586
Conc: 20.80 ug/ml



#4 n-Dodecane (C12)

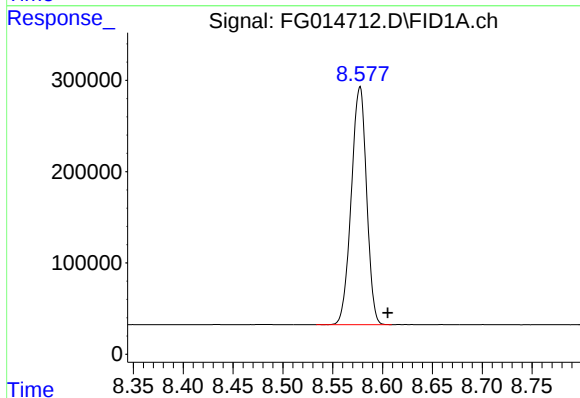
R.T.: 6.744 min
Delta R.T.: -0.027 min
Response: 2805243
Conc: 21.12 ug/ml



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

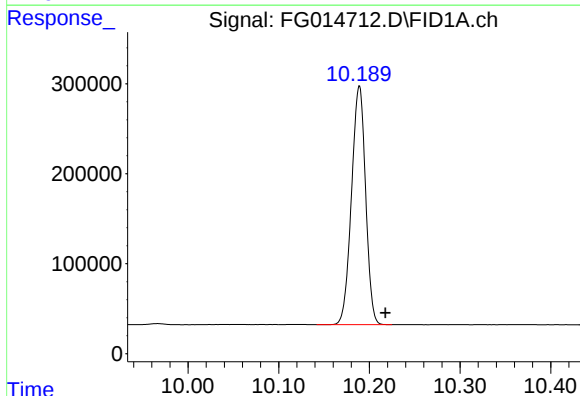
R.T.: 7.376 min
Delta R.T.: -0.030 min
Response: 2891164
Conc: 20.72 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



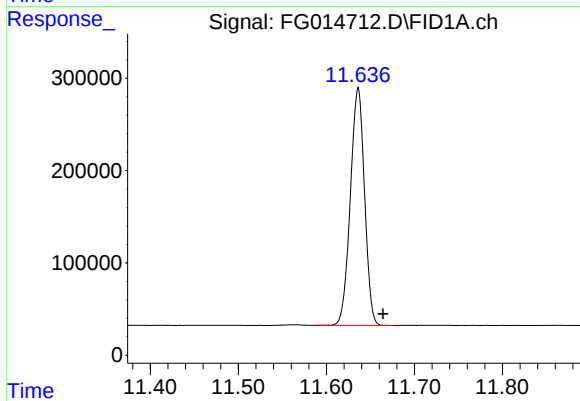
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: -0.028 min
Response: 2784336
Conc: 20.99 ug/ml



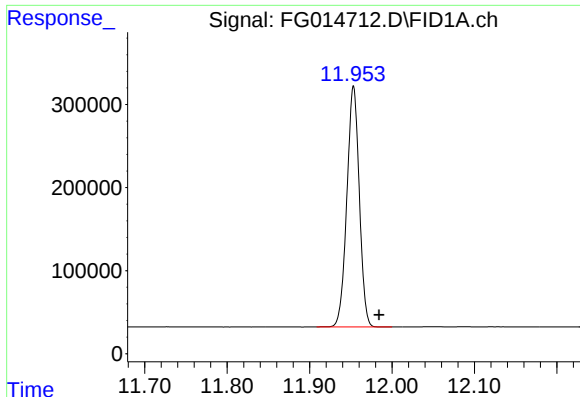
#7 n-Hexadecane (C16)

R.T.: 10.189 min
Delta R.T.: -0.029 min
Response: 2863906
Conc: 20.61 ug/ml



#8 n-Octadecane (C18)

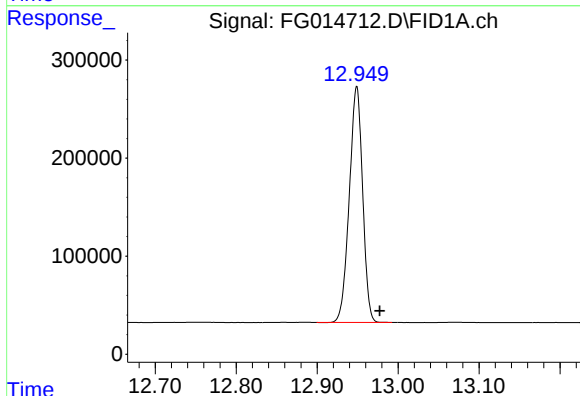
R.T.: 11.636 min
Delta R.T.: -0.028 min
Response: 2878594
Conc: 20.11 ug/ml



#9 ortho-Terphenyl (SURR)

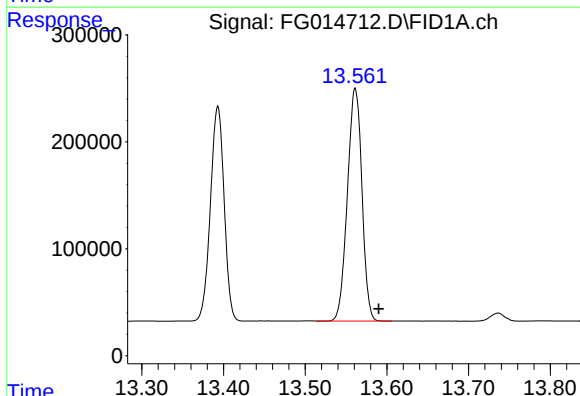
R.T.: 11.953 min
Delta R.T.: -0.031 min
Response: 3036926
Conc: 19.81 ug/ml

Instrument :
FID_G
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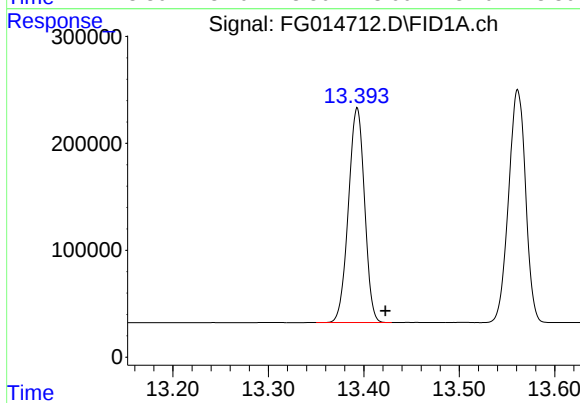
#10 n-Eicosane (C20)

R.T.: 12.949 min
Delta R.T.: -0.029 min
Response: 2751698
Conc: 19.57 ug/ml



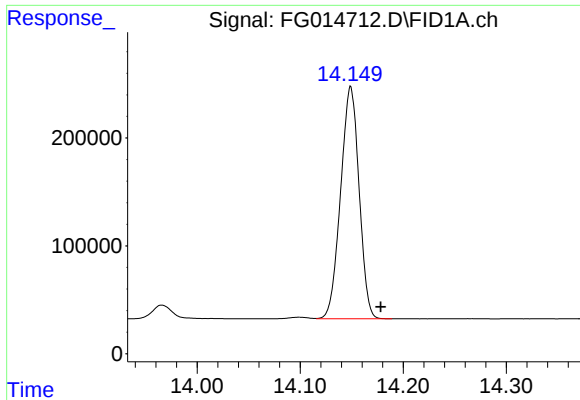
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.029 min
Response: 2694014
Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURR)

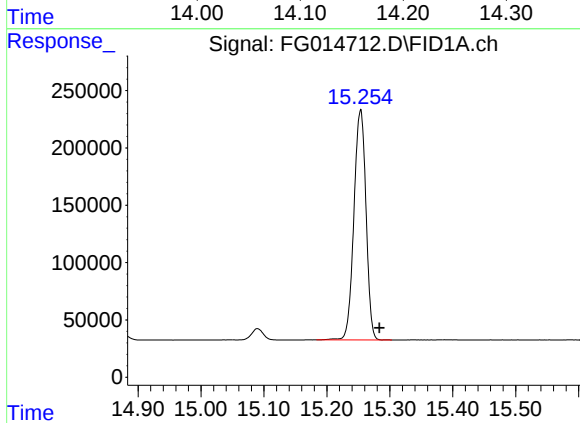
R.T.: 13.393 min
Delta R.T.: -0.030 min
Response: 2346691
Conc: 19.11 ug/ml



#13 n-Docosane (C22)

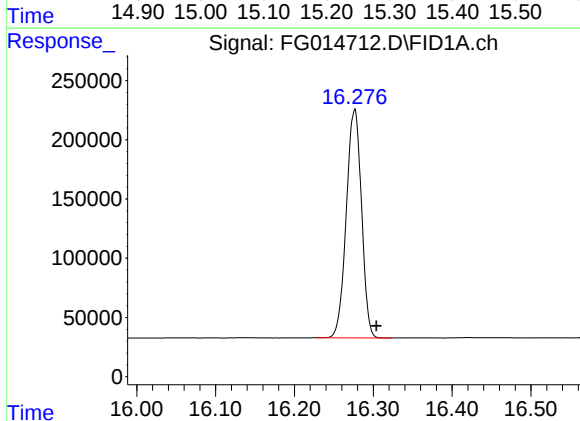
R.T.: 14.149 min
Delta R.T.: -0.029 min
Response: 2679026
Conc: 19.04 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



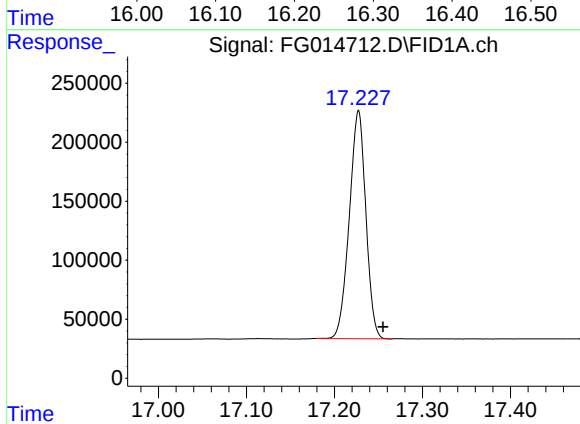
#14 n-Tetracosane (C24)

R.T.: 15.254 min
Delta R.T.: -0.030 min
Response: 2674604
Conc: 18.80 ug/ml



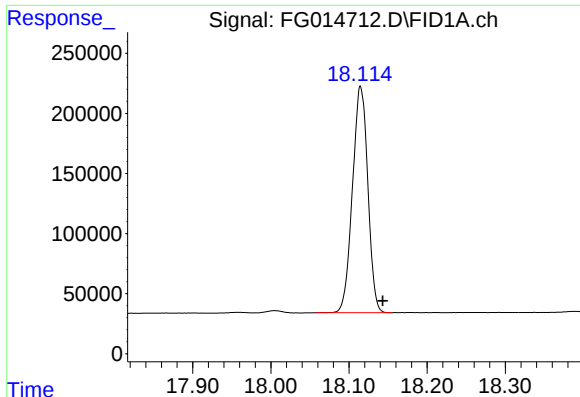
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: -0.028 min
Response: 2588544
Conc: 18.34 ug/ml



#16 n-Octacosane (C28)

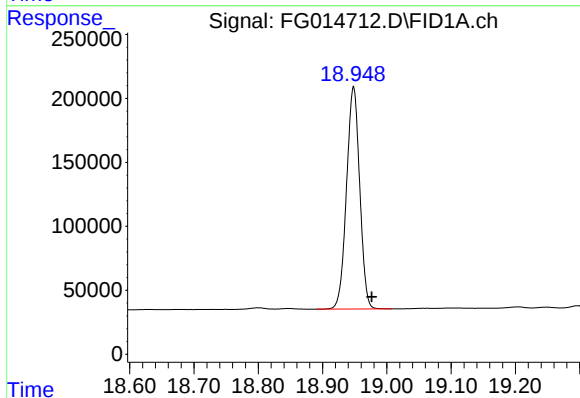
R.T.: 17.227 min
Delta R.T.: -0.028 min
Response: 2521464
Conc: 18.24 ug/ml



#17 n-Tricontane (C30)

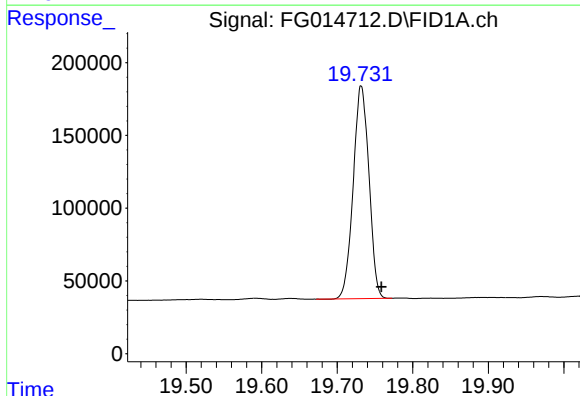
R.T.: 18.115 min
Delta R.T.: -0.028 min
Response: 2573913
Conc: 18.57 ug/ml

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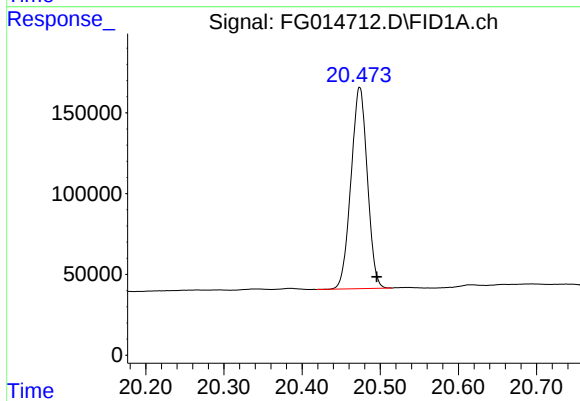
#18 n-Dotriacontane (C32)

R.T.: 18.948 min
Delta R.T.: -0.028 min
Response: 2477391
Conc: 18.92 ug/ml



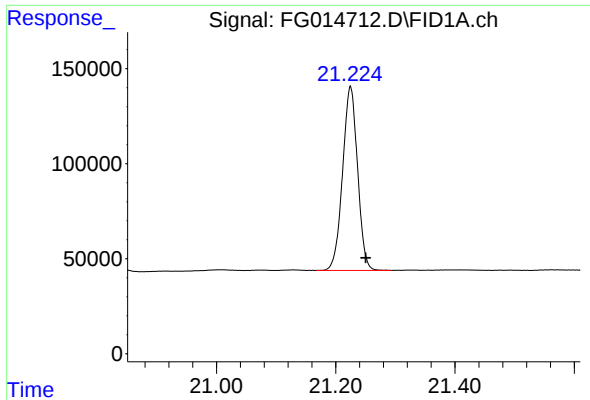
#19 n-Tetratriacontane (C34)

R.T.: 19.732 min
Delta R.T.: -0.027 min
Response: 2115034
Conc: 18.90 ug/ml



#20 n-Hexatriacontane (C36)

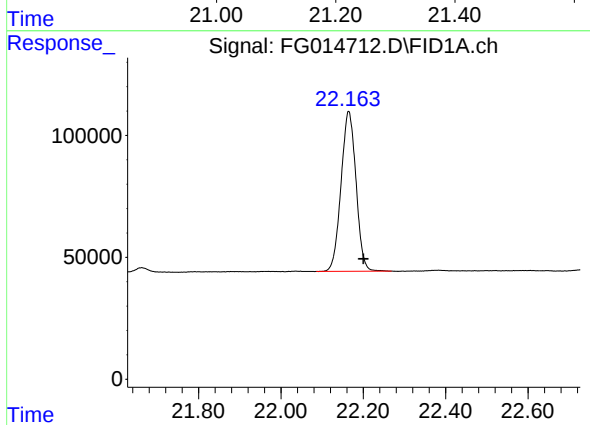
R.T.: 20.474 min
Delta R.T.: -0.022 min
Response: 1808012
Conc: 19.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.225 min
Delta R.T.: -0.026 min
Response: 1687104
Conc: 20.19 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.164 min
Delta R.T.: -0.036 min
Response: 1654875
Conc: 21.76 ug/ml