

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071423AL\
 Data File : FG012396.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jul 2023 22:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 15 01:24:20 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)	10.890	3396495	21.736 ug/ml
Spiked Amount 50.000		Recovery =	43.47%
12) S 1-chlorooctadecane (S...	12.327	2531544	21.842 ug/ml
Spiked Amount 50.000		Recovery =	43.68%
Target Compounds			
1) T n-Nonane (C9)	2.736	2711891	21.801 ug/ml
2) T n-Decane (C10)	3.745	2774781	21.824 ug/ml
3) T A~Naphthalene (C11.7)	5.310	3021305	21.828 ug/ml
4) T n-Dodecane (C12)	5.735	2802456	21.783 ug/ml
5) T A~2-methylnaphthalene...	6.360	2867748	21.963 ug/ml
6) T n-Tetradecane (C14)	7.528	2799067	21.918 ug/ml
7) T n-Hexadecane (C16)	9.129	2936543	22.024 ug/ml
8) T n-Octadecane (C18)	10.573	3037624	21.874 ug/ml
10) T n-Eicosane (C20)	11.882	2958639	21.884 ug/ml
11) T n-Heneicosane (C21)	12.495	2897742	21.843 ug/ml
13) T n-Docosane (C22)	13.081	2908301	22.060 ug/ml
14) T n-Tetracosane (C24)	14.185	3062202	21.803 ug/ml
15) T n-Hexacosane (C26)	15.207	2863059	22.681 ug/ml
16) T n-Octacosane (C28)	16.159	2840767	22.597 ug/ml
17) T n-Tricontane (C30)	17.047	2933456	22.199 ug/ml
18) T n-Dotriacontane (C32)	17.879	2902361	21.813 ug/ml
19) T n-Tetratriacontane (C34)	18.664	2764778	21.578 ug/ml
20) T n-Hexatriacontane (C36)	19.405	2637790	21.346 ug/ml
21) T n-Octatriacontane (C38)	20.141	2545702	21.314 ug/ml
22) T n-Tetracontane (C40)	21.048	2498555	21.563 ug/ml

(f)=RT Delta > 1/2 Window

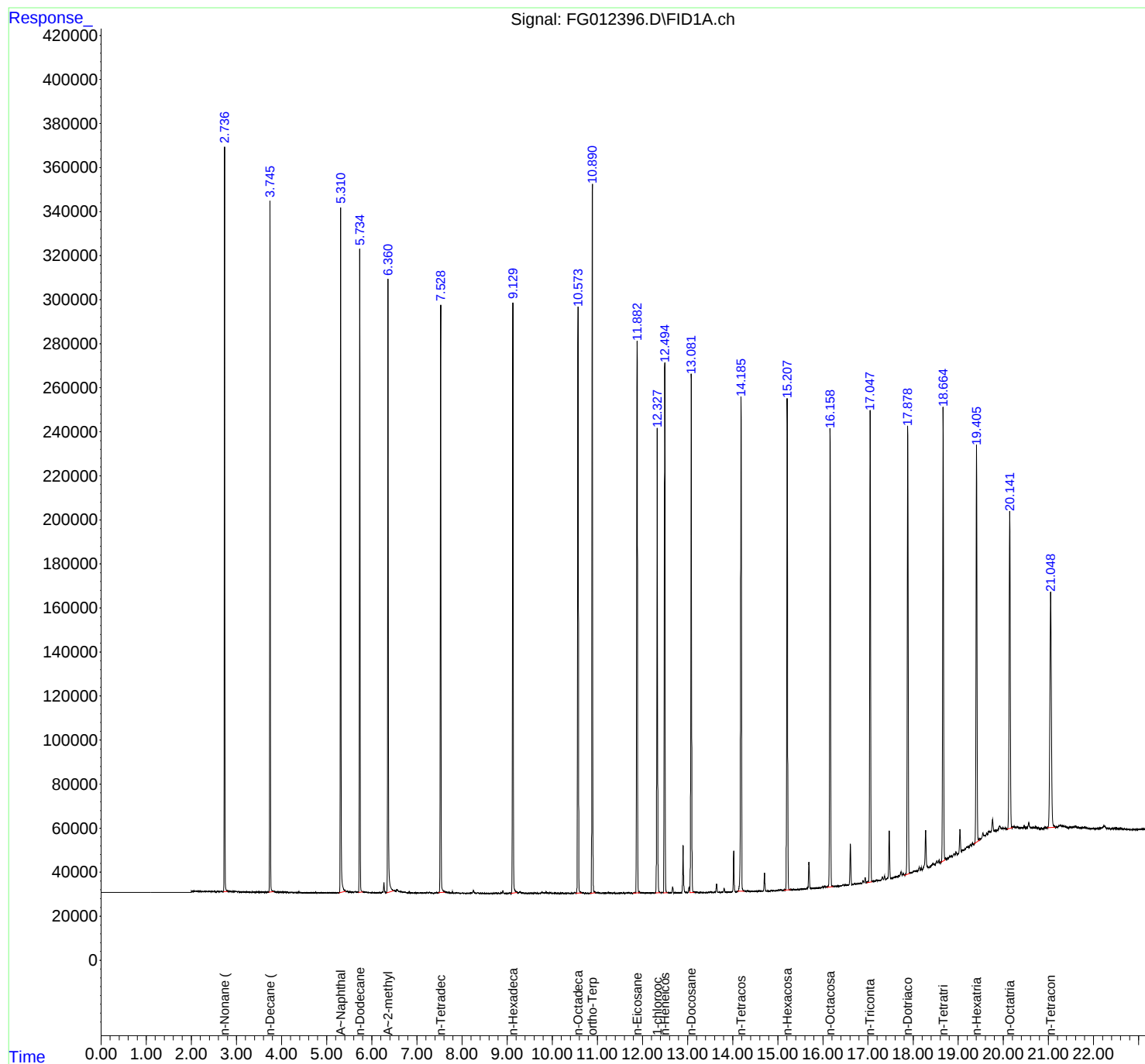
(m)=manual int.

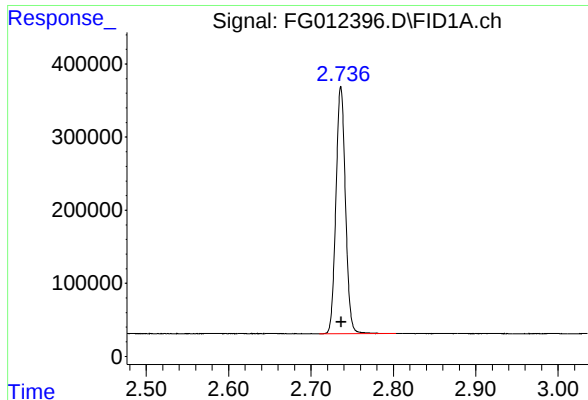
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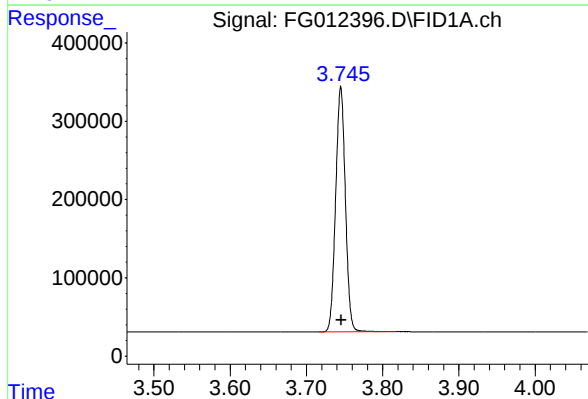




#1 n-Nonane (C9)

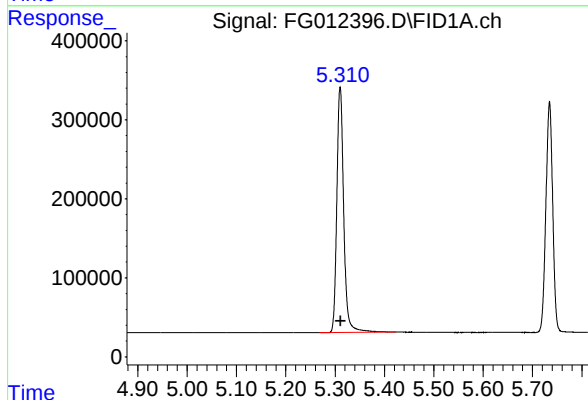
R.T.: 2.736 min
Delta R.T.: 0.000 min
Response: 2711891
Conc: 21.80 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



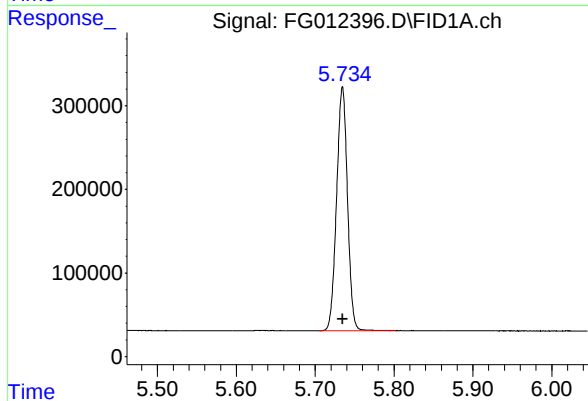
#2 n-Decane (C10)

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 2774781
Conc: 21.82 ug/ml



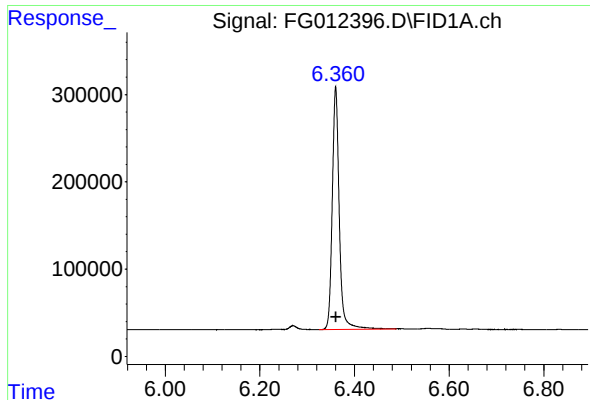
#3 A~Naphthalene (C11.7)

R.T.: 5.310 min
Delta R.T.: 0.000 min
Response: 3021305
Conc: 21.83 ug/ml



#4 n-Dodecane (C12)

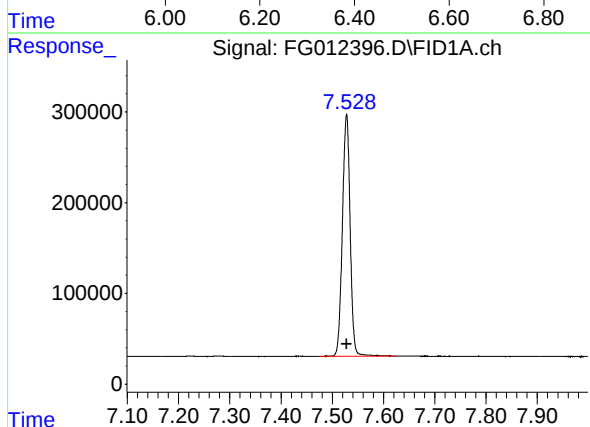
R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 2802456
Conc: 21.78 ug/ml



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

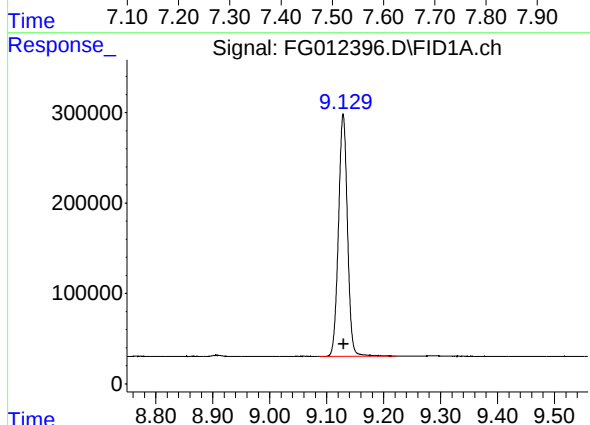
R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 2867748
Conc: 21.96 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



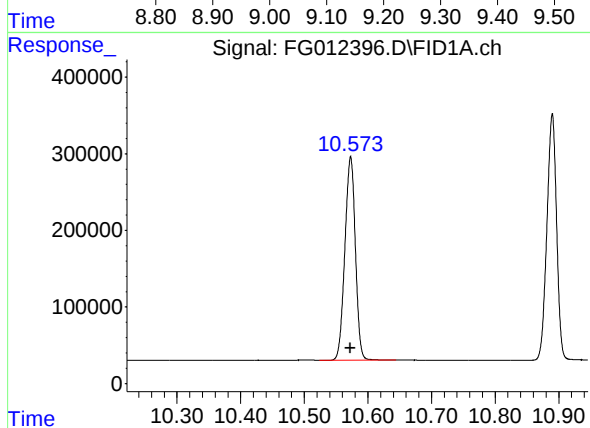
#6 n-Tetradecane (C14)

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 2799067
Conc: 21.92 ug/ml



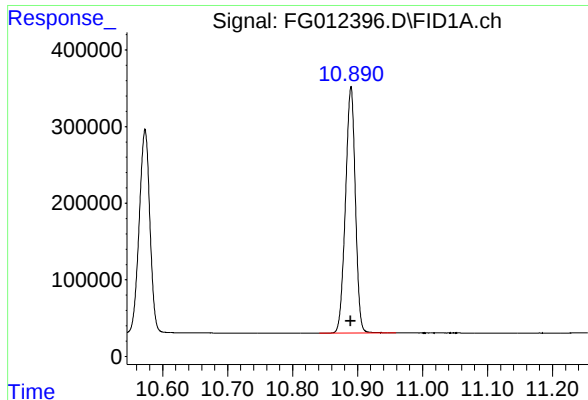
#7 n-Hexadecane (C16)

R.T.: 9.129 min
Delta R.T.: -0.001 min
Response: 2936543
Conc: 22.02 ug/ml



#8 n-Octadecane (C18)

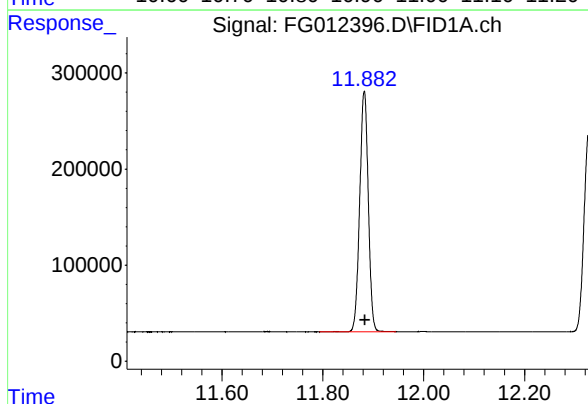
R.T.: 10.573 min
Delta R.T.: 0.000 min
Response: 3037624
Conc: 21.87 ug/ml



#9 ortho-Terphenyl (SURR)

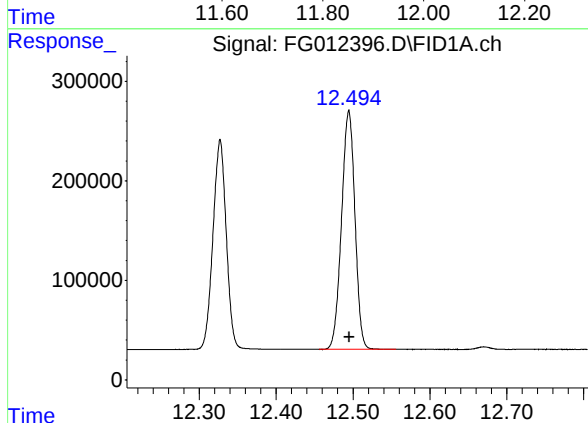
R.T.: 10.890 min
Delta R.T.: 0.000 min
Response: 3396495
Conc: 21.74 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



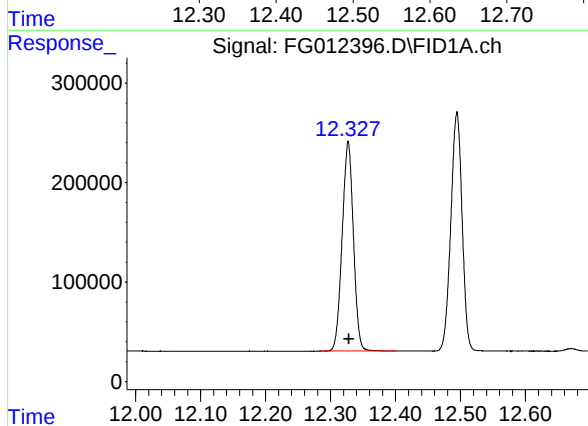
#10 n-Eicosane (C20)

R.T.: 11.882 min
Delta R.T.: 0.000 min
Response: 2958639
Conc: 21.88 ug/ml



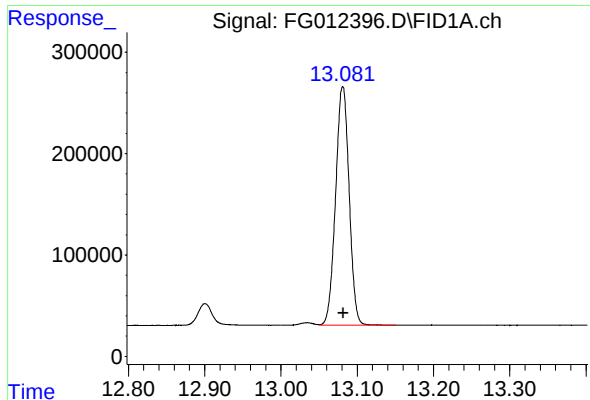
#11 n-Heneicosane (C21)

R.T.: 12.495 min
Delta R.T.: 0.000 min
Response: 2897742
Conc: 21.84 ug/ml



#12 1-chlorooctadecane (SURR)

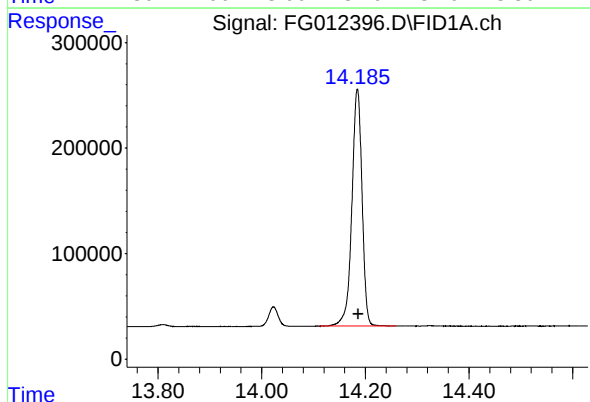
R.T.: 12.327 min
Delta R.T.: -0.001 min
Response: 2531544
Conc: 21.84 ug/ml



#13 n-Docosane (C22)

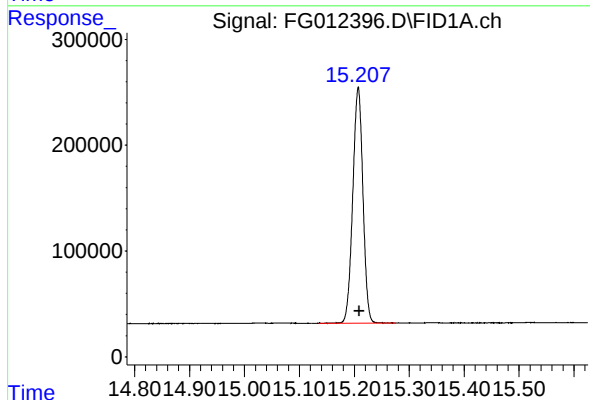
R.T.: 13.081 min
Delta R.T.: 0.000 min
Response: 2908301
Conc: 22.06 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



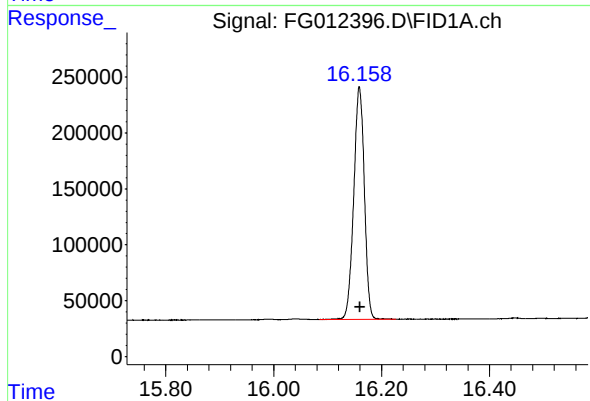
#14 n-Tetracosane (C24)

R.T.: 14.185 min
Delta R.T.: -0.002 min
Response: 3062202
Conc: 21.80 ug/ml



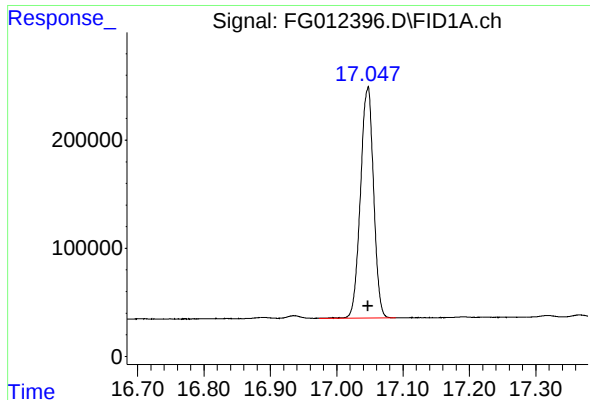
#15 n-Hexacosane (C26)

R.T.: 15.207 min
Delta R.T.: -0.002 min
Response: 2863059
Conc: 22.68 ug/ml



#16 n-Octacosane (C28)

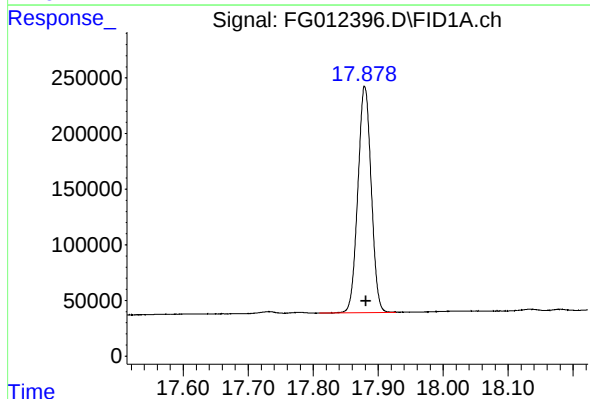
R.T.: 16.159 min
Delta R.T.: -0.002 min
Response: 2840767
Conc: 22.60 ug/ml



#17 n-Tricontane (C30)

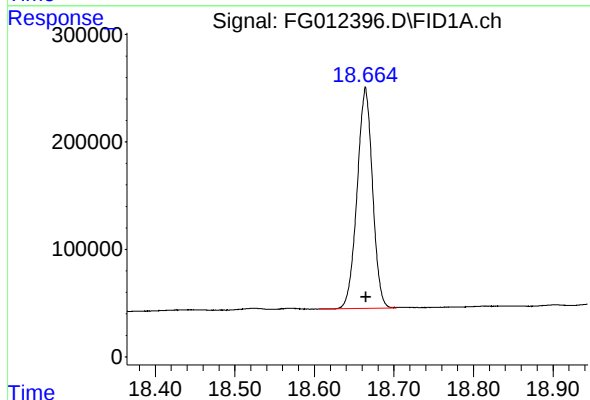
R.T.: 17.047 min
Delta R.T.: 0.000 min
Response: 2933456
Conc: 22.20 ug/ml

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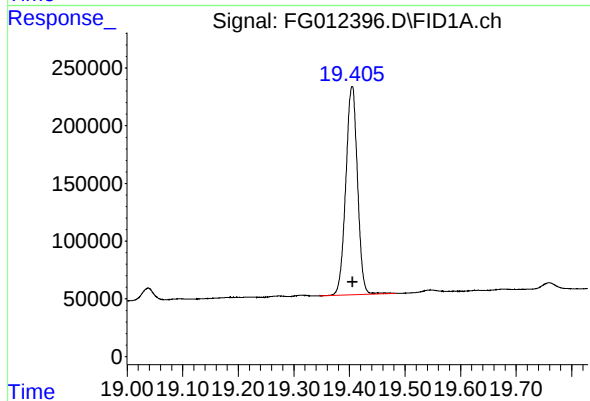
#18 n-Dotriacontane (C32)

R.T.: 17.879 min
Delta R.T.: -0.002 min
Response: 2902361
Conc: 21.81 ug/ml



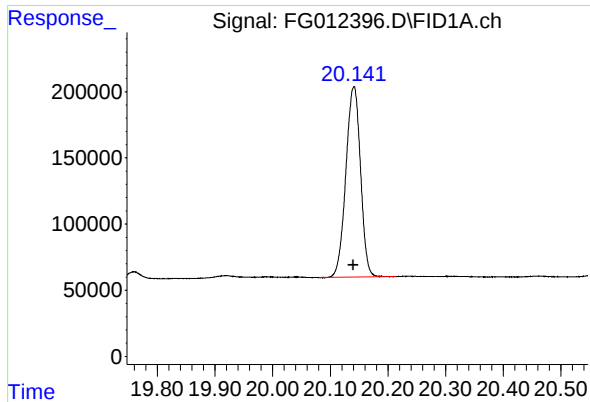
#19 n-Tetatriacontane (C34)

R.T.: 18.664 min
Delta R.T.: 0.000 min
Response: 2764778
Conc: 21.58 ug/ml



#20 n-Hexatriacontane (C36)

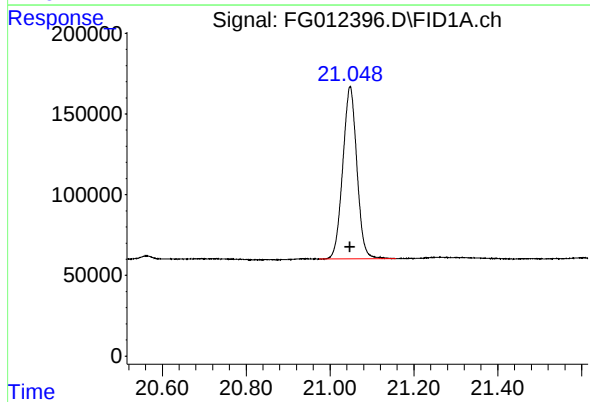
R.T.: 19.405 min
Delta R.T.: -0.001 min
Response: 2637790
Conc: 21.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.141 min
Delta R.T.: 0.001 min
Response: 2545702
Conc: 21.31 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.048 min
Delta R.T.: 0.000 min
Response: 2498555
Conc: 21.56 ug/ml