

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052223AL\
 Data File : FG011937.D
 Signal(s) : FID1A.ch
 Acq On : 22 May 2023 09:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 23 02:15:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 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)	10.925	3568211	22.798 ug/ml
Spiked Amount 50.000		Recovery =	45.60%
12) S 1-chlorooctadecane (S...	12.363	2719847	22.936 ug/ml
Spiked Amount 50.000		Recovery =	45.87%
Target Compounds			
1) T n-Nonane (C9)	2.759	2604360	22.620 ug/ml
2) T n-Decane (C10)	3.770	2688410	22.792 ug/ml
3) T A~Naphthalene (C11.7)	5.338	2946190	22.477 ug/ml
4) T n-Dodecane (C12)	5.763	2717061	22.653 ug/ml
5) T A~2-methylnaphthalene...	6.389	2821522	22.351 ug/ml
6) T n-Tetradecane (C14)	7.558	2725302	22.443 ug/ml
7) T n-Hexadecane (C16)	9.161	2912391	22.432 ug/ml
8) T n-Octadecane (C18)	10.607	3070639	22.559 ug/ml
10) T n-Eicosane (C20)	11.918	3076030	22.793 ug/ml
11) T n-Heneicosane (C21)	12.531	3070331	22.843 ug/ml
13) T n-Docosane (C22)	13.118	3107502	22.997 ug/ml
14) T n-Tetracosane (C24)	14.223	3155624	23.186 ug/ml
15) T n-Hexacosane (C26)	15.246	3110691	23.253 ug/ml
16) T n-Octacosane (C28)	16.197	3021985	23.148 ug/ml
17) T n-Tricontane (C30)	17.088	3091466	23.440 ug/ml
18) T n-Dotriacontane (C32)	17.922	3024161	23.540 ug/ml
19) T n-Tetratriacontane (C34)	18.706	2839764	23.177 ug/ml
20) T n-Hexatriacontane (C36)	19.448	2639814	22.692 ug/ml
21) T n-Octatriacontane (C38)	20.190	2560973	22.793 ug/ml
22) T n-Tetracontane (C40)	21.115	2491785	23.127 ug/ml

(f)=RT Delta > 1/2 Window

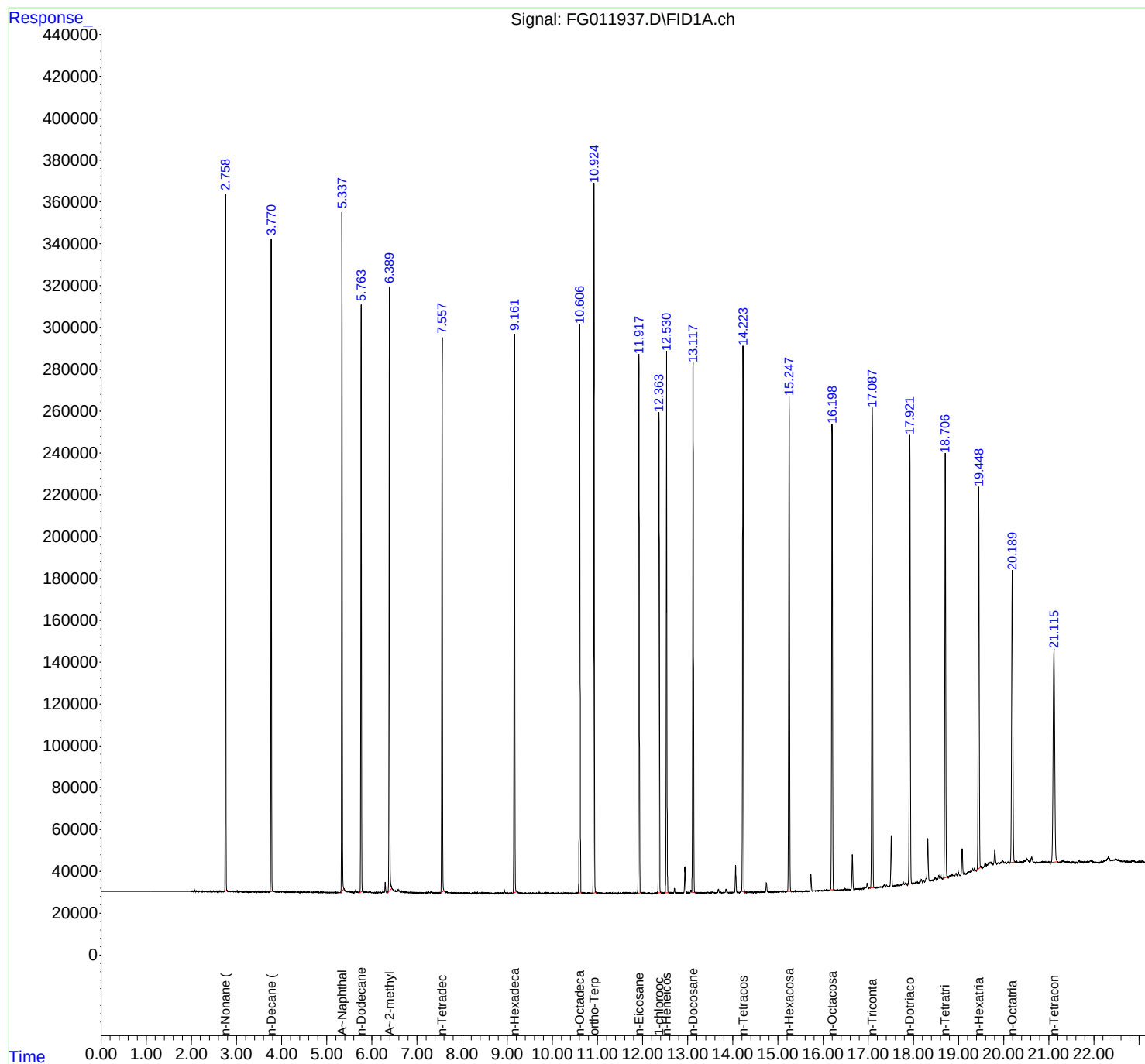
(m)=manual int.

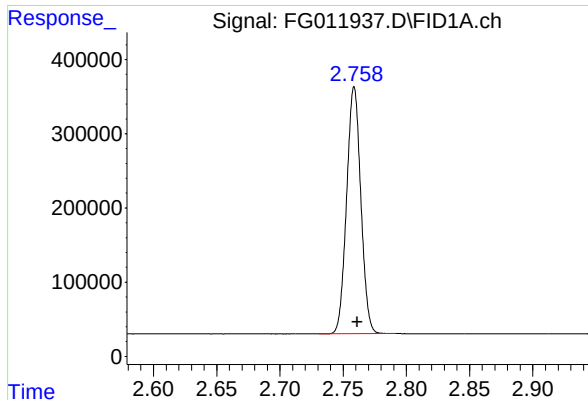
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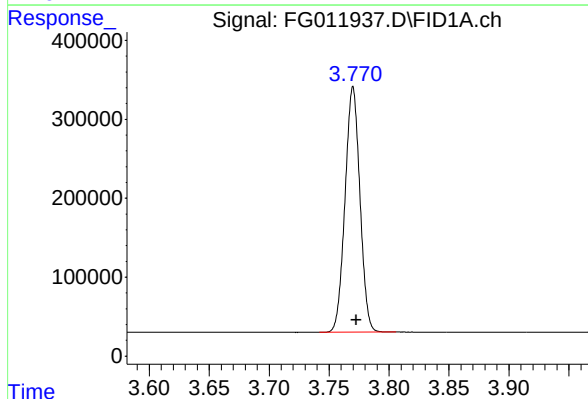




#1 n-Nonane (C9)

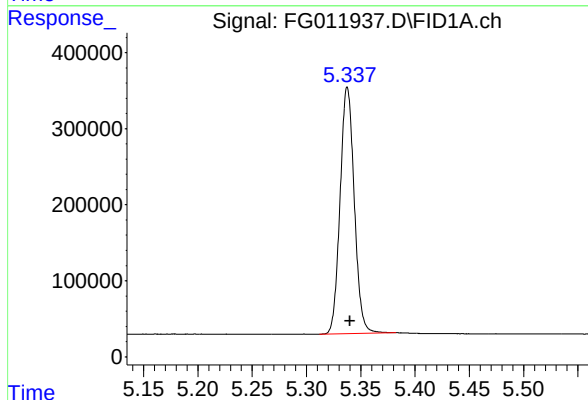
R.T.: 2.759 min
Delta R.T.: -0.002 min
Response: 2604360
Conc: 22.62 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



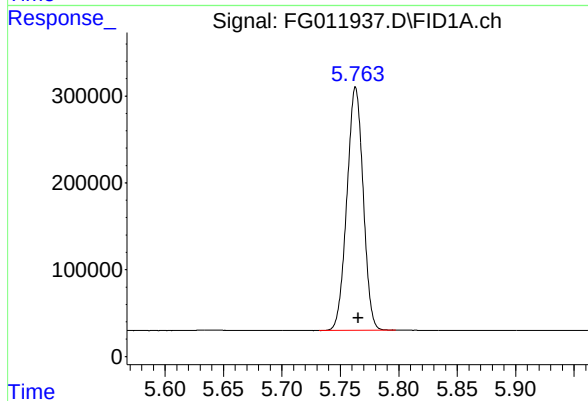
#2 n-Decane (C10)

R.T.: 3.770 min
Delta R.T.: -0.003 min
Response: 2688410
Conc: 22.79 ug/ml



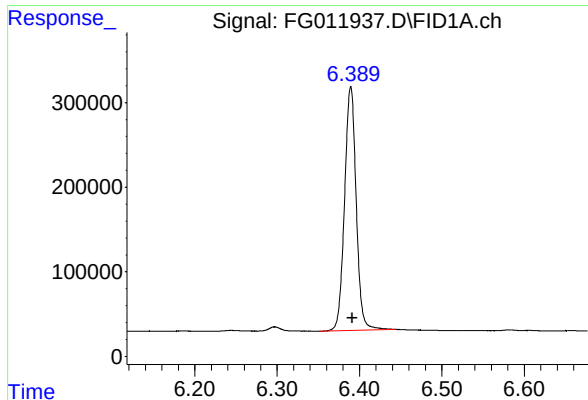
#3 A~Naphthalene (C11.7)

R.T.: 5.338 min
Delta R.T.: -0.002 min
Response: 2946190
Conc: 22.48 ug/ml



#4 n-Dodecane (C12)

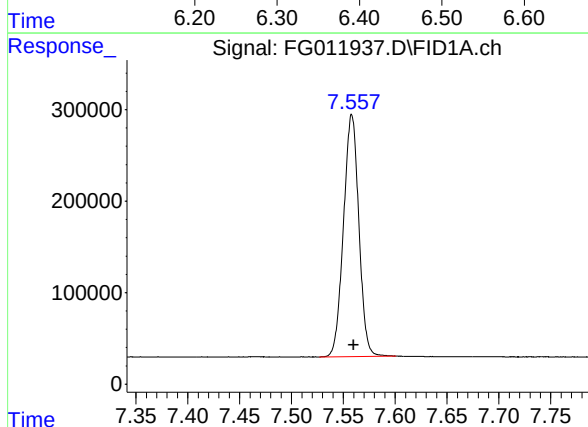
R.T.: 5.763 min
Delta R.T.: -0.002 min
Response: 2717061
Conc: 22.65 ug/ml



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

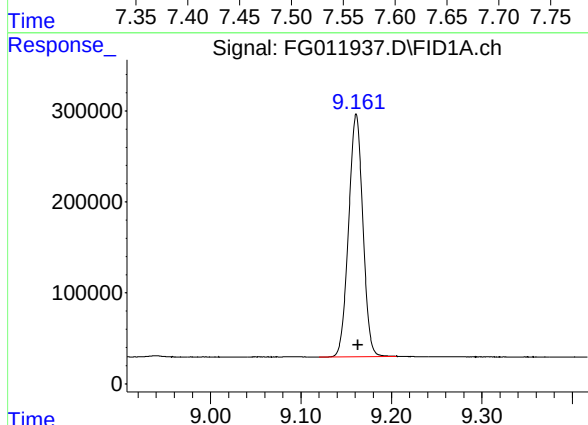
R.T.: 6.389 min
Delta R.T.: -0.002 min
Response: 2821522
Conc: 22.35 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



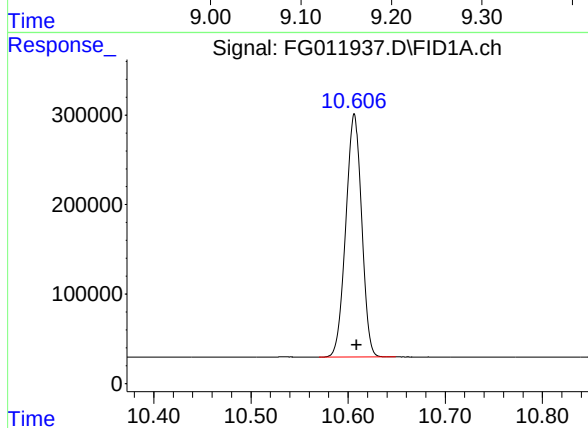
#6 n-Tetradecane (C14)

R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 2725302
Conc: 22.44 ug/ml



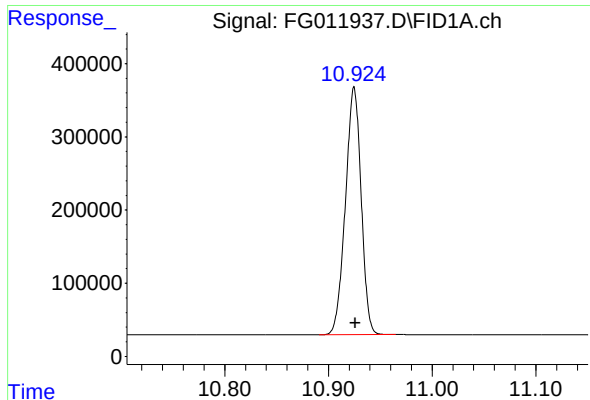
#7 n-Hexadecane (C16)

R.T.: 9.161 min
Delta R.T.: -0.002 min
Response: 2912391
Conc: 22.43 ug/ml



#8 n-Octadecane (C18)

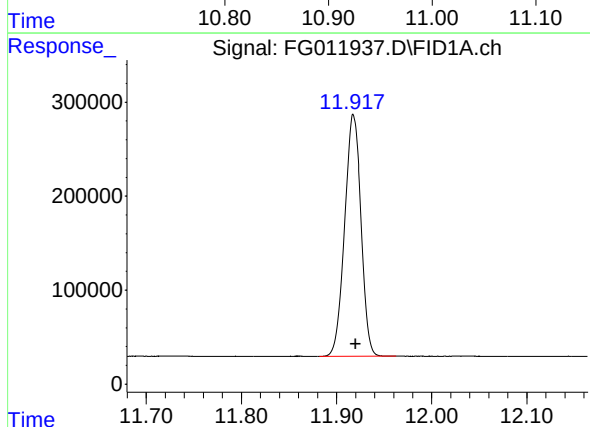
R.T.: 10.607 min
Delta R.T.: -0.002 min
Response: 3070639
Conc: 22.56 ug/ml



#9 ortho-Terphenyl (SURR)

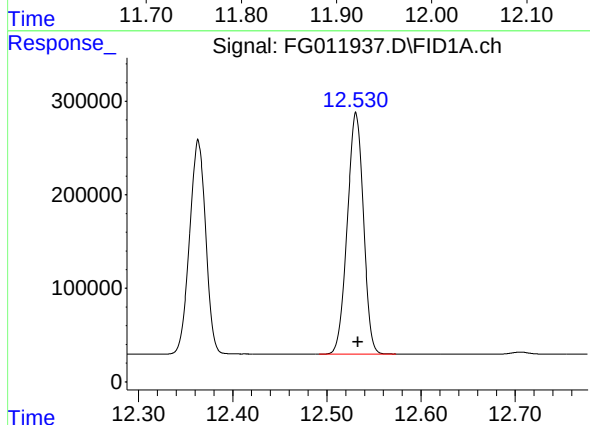
R.T.: 10.925 min
Delta R.T.: -0.001 min
Response: 3568211
Conc: 22.80 ug/ml

Instrument :
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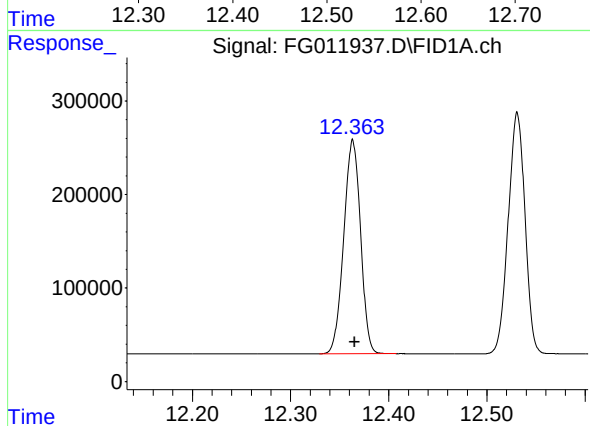
#10 n-Eicosane (C20)

R.T.: 11.918 min
Delta R.T.: -0.002 min
Response: 3076030
Conc: 22.79 ug/ml



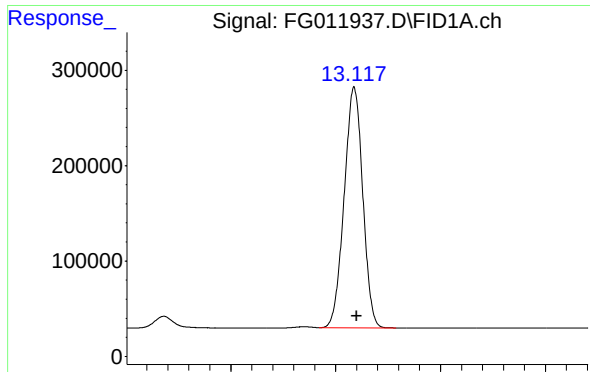
#11 n-Heneicosane (C21)

R.T.: 12.531 min
Delta R.T.: -0.002 min
Response: 3070331
Conc: 22.84 ug/ml



#12 1-chlorooctadecane (SURR)

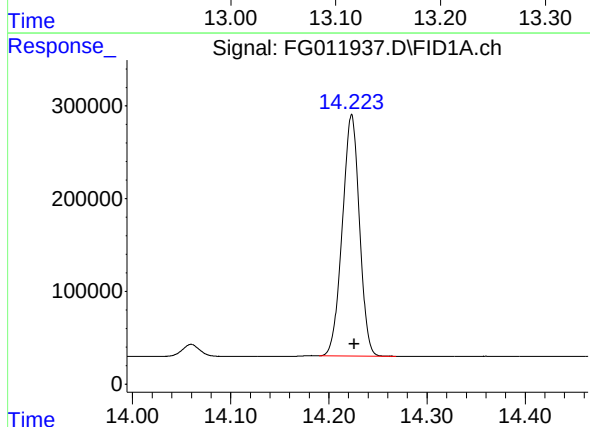
R.T.: 12.363 min
Delta R.T.: -0.002 min
Response: 2719847
Conc: 22.94 ug/ml



#13 n-Docosane (C22)

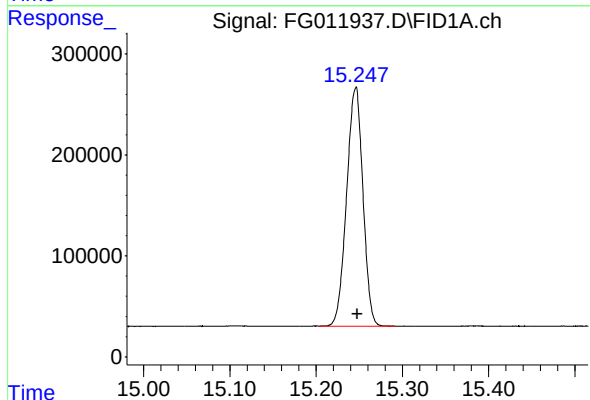
R.T.: 13.118 min
Delta R.T.: -0.002 min
Response: 3107502
Conc: 23.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



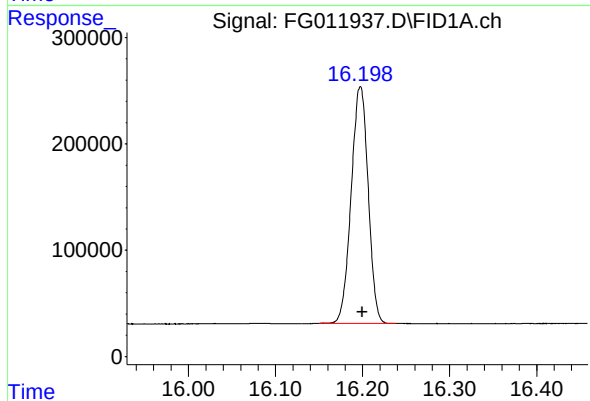
#14 n-Tetracosane (C24)

R.T.: 14.223 min
Delta R.T.: -0.003 min
Response: 3155624
Conc: 23.19 ug/ml



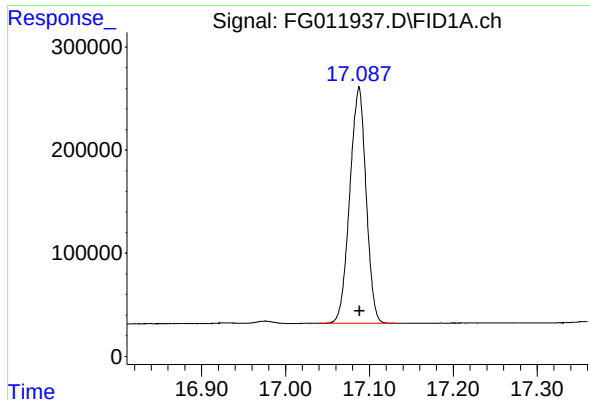
#15 n-Hexacosane (C26)

R.T.: 15.246 min
Delta R.T.: -0.001 min
Response: 3110691
Conc: 23.25 ug/ml



#16 n-Octacosane (C28)

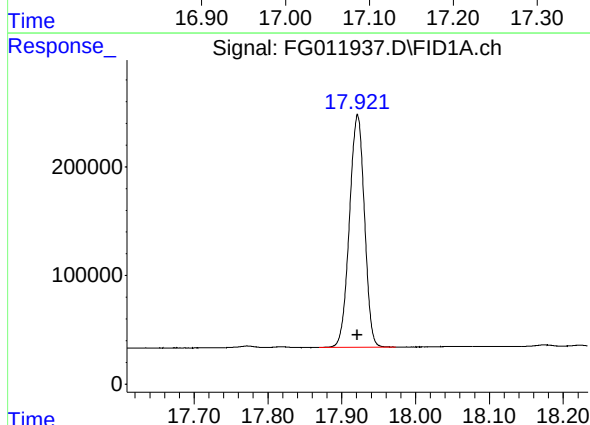
R.T.: 16.197 min
Delta R.T.: -0.002 min
Response: 3021985
Conc: 23.15 ug/ml



#17 n-Tricontane (C30)

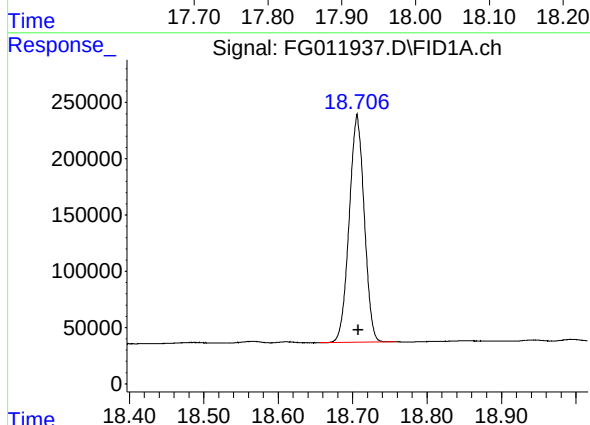
R.T.: 17.088 min
Delta R.T.: 0.000 min
Response: 3091466
Conc: 23.44 ug/ml

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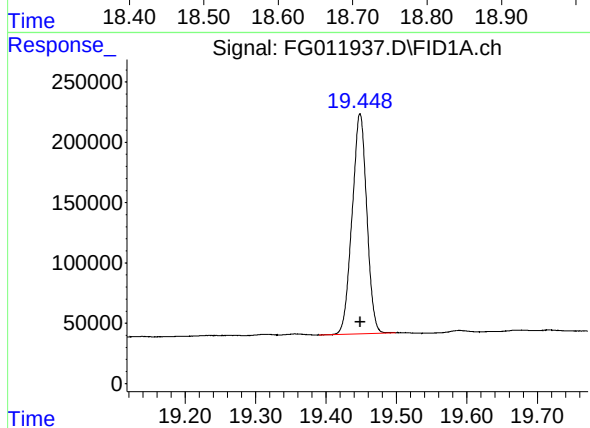
#18 n-Dotriacontane (C32)

R.T.: 17.922 min
Delta R.T.: 0.000 min
Response: 3024161
Conc: 23.54 ug/ml



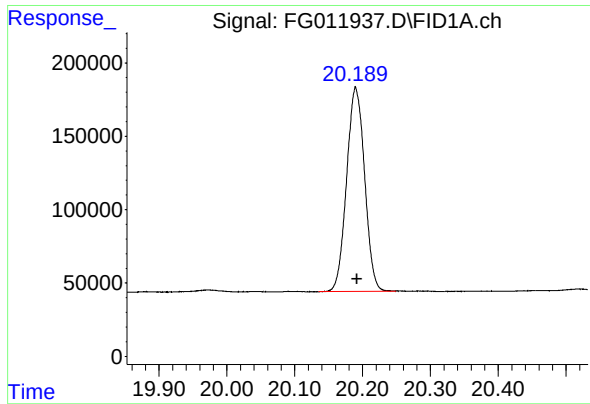
#19 n-Tetatriacontane (C34)

R.T.: 18.706 min
Delta R.T.: -0.002 min
Response: 2839764
Conc: 23.18 ug/ml



#20 n-Hexatriacontane (C36)

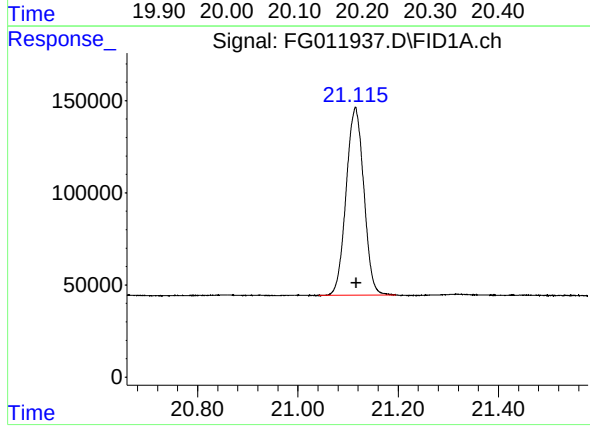
R.T.: 19.448 min
Delta R.T.: 0.000 min
Response: 2639814
Conc: 22.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.190 min
Delta R.T.: -0.002 min
Response: 2560973
Conc: 22.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.115 min
Delta R.T.: -0.001 min
Response: 2491785
Conc: 23.13 ug/ml