

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120925AL\
 Data File : FG017137.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2025 10:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 10 01:23:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:54:45 2025
 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)	12.023	3362918	21.801 ug/ml
Spiked Amount 50.000		Recovery =	43.60%
12) S 1-chlorooctadecane (S...	13.470	2510146	21.641 ug/ml
Spiked Amount 50.000		Recovery =	43.28%
Target Compounds			
1) T n-Nonane (C9)	3.354	2690567	21.925 ug/ml
2) T n-Decane (C10)	4.613	2857660	22.934 ug/ml
3) T A~Naphthalene (C11.7)	6.330	2953211	23.526 ug/ml
4) T n-Dodecane (C12)	6.793	2917430	22.985 ug/ml
5) T A~2-methylnaphthalene...	7.433	2797502	24.491 ug/ml
6) T n-Tetradecane (C14)	8.632	2894816	23.175 ug/ml
7) T n-Hexadecane (C16)	10.249	2982494	23.208 ug/ml
8) T n-Octadecane (C18)	11.702	3071441	22.620 ug/ml
10) T n-Eicosane (C20)	13.020	3001737	21.936 ug/ml
11) T n-Heneicosane (C21)	13.637	2954303	21.780 ug/ml
13) T n-Docosane (C22)	14.227	2958048	21.543 ug/ml
14) T n-Tetracosane (C24)	15.338	2990906	21.141 ug/ml
15) T n-Hexacosane (C26)	16.367	2910414	20.959 ug/ml
16) T n-Octacosane (C28)	17.323	2915488	20.817 ug/ml
17) T n-Tricontane (C30)	18.214	3108231	20.933 ug/ml
18) T n-Dotriacontane (C32)	19.054	3163883	21.126 ug/ml
19) T n-Tetratriacontane (C34)	19.841	2836926	21.611 ug/ml
20) T n-Hexatriacontane (C36)	20.584	2350356	22.324 ug/ml
21) T n-Octatriacontane (C38)	21.359	2062829	22.525 ug/ml
22) T n-Tetracontane (C40)	22.333	1908709	23.411 ug/ml

(f)=RT Delta > 1/2 Window

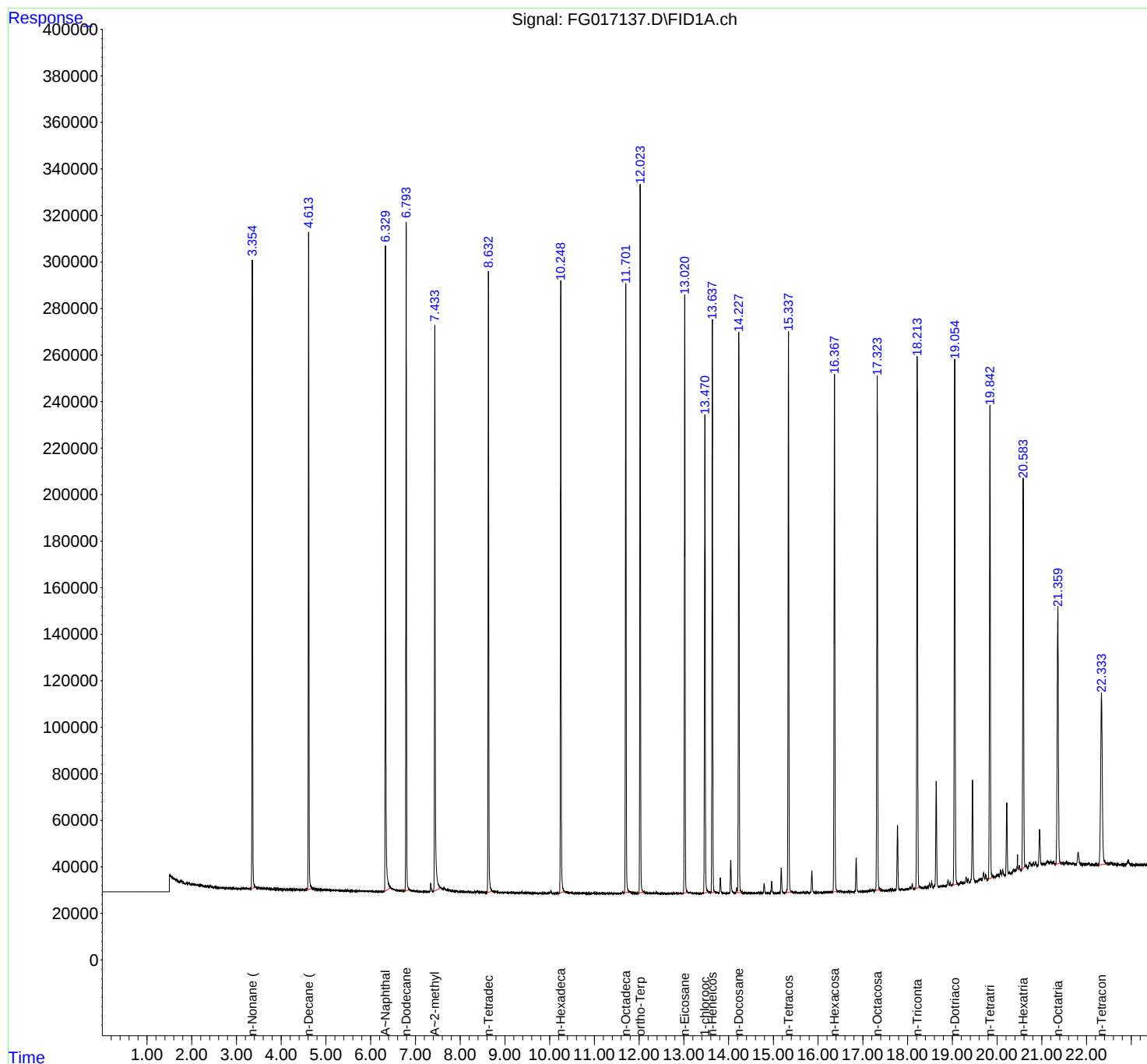
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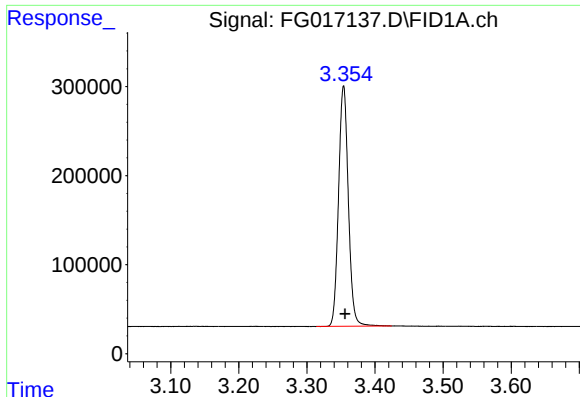
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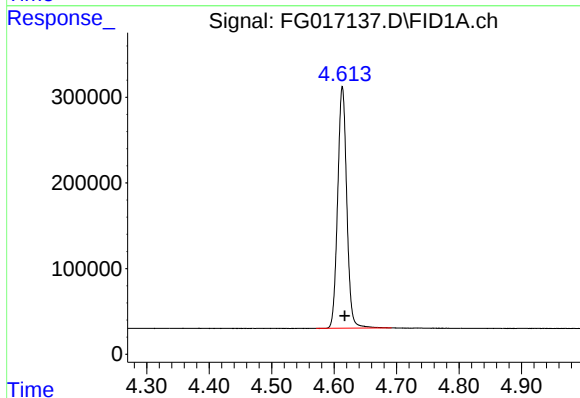




#1 n-Nonane (C9)

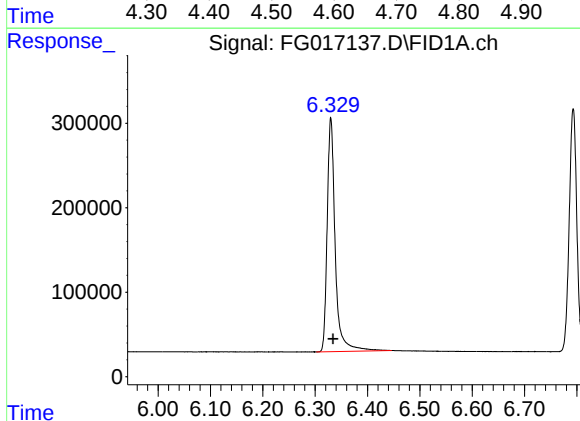
R.T.: 3.354 min
Delta R.T.: -0.002 min
Response: 2690567
Conc: 21.92 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



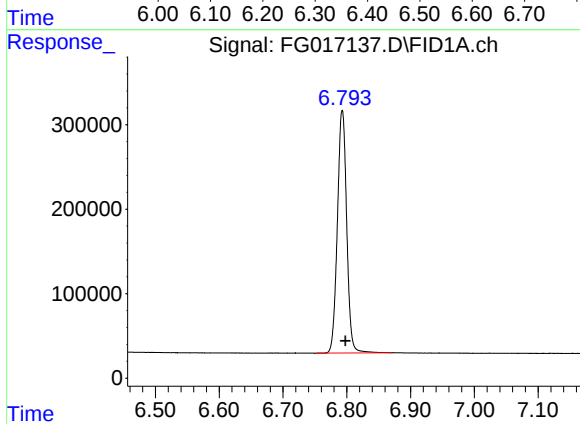
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.003 min
Response: 2857660
Conc: 22.93 ug/ml



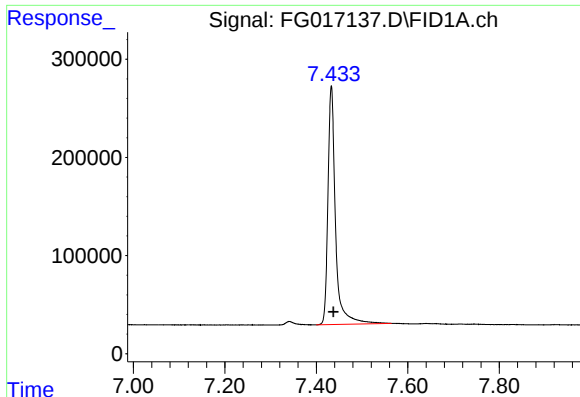
#3 A~Naphthalene (C11.7)

R.T.: 6.330 min
Delta R.T.: -0.004 min
Response: 2953211
Conc: 23.53 ug/ml



#4 n-Dodecane (C12)

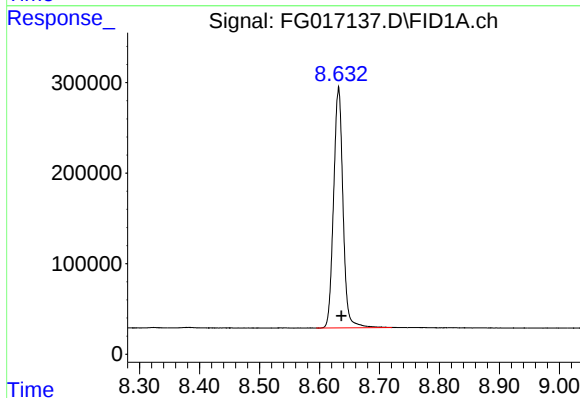
R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 2917430
Conc: 22.99 ug/ml



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

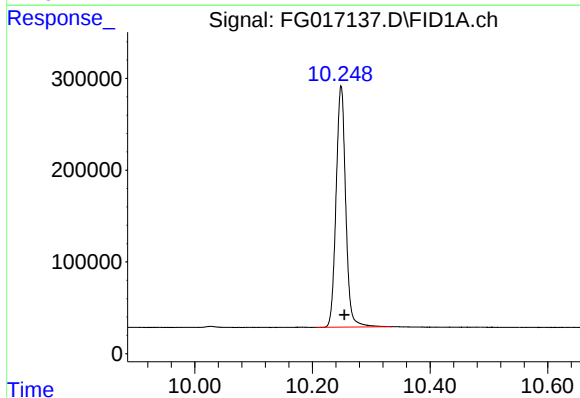
R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 2797502
Conc: 24.49 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



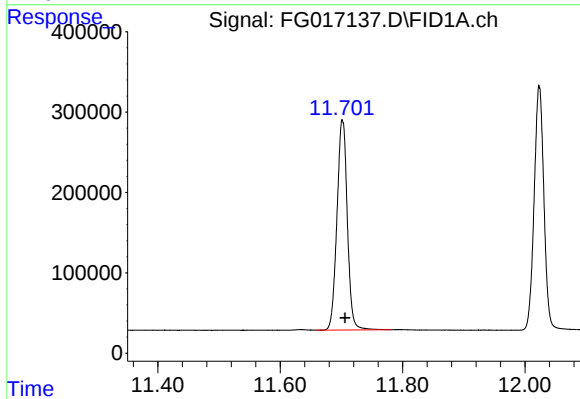
#6 n-Tetradecane (C14)

R.T.: 8.632 min
Delta R.T.: -0.005 min
Response: 2894816
Conc: 23.18 ug/ml



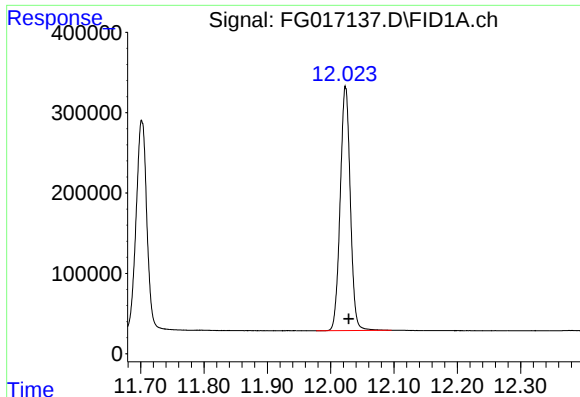
#7 n-Hexadecane (C16)

R.T.: 10.249 min
Delta R.T.: -0.005 min
Response: 2982494
Conc: 23.21 ug/ml



#8 n-Octadecane (C18)

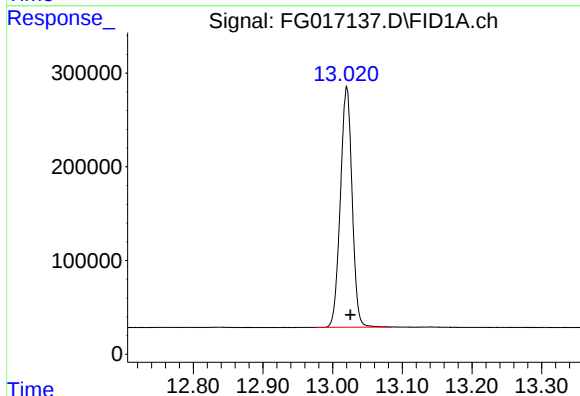
R.T.: 11.702 min
Delta R.T.: -0.005 min
Response: 3071441
Conc: 22.62 ug/ml



#9 ortho-Terphenyl (SURR)

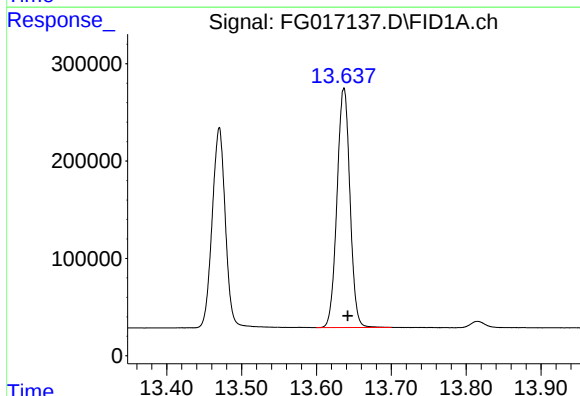
R.T.: 12.023 min
Delta R.T.: -0.005 min
Response: 3362918
Conc: 21.80 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



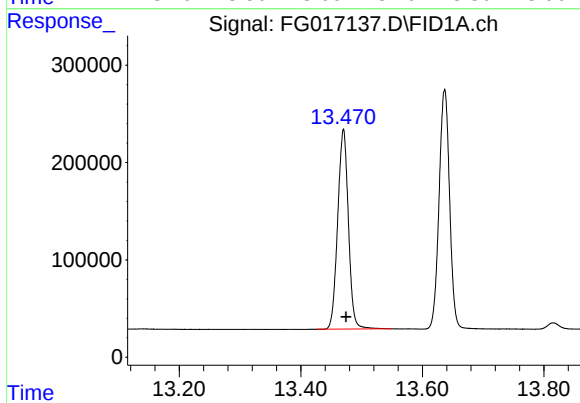
#10 n-Eicosane (C20)

R.T.: 13.020 min
Delta R.T.: -0.005 min
Response: 3001737
Conc: 21.94 ug/ml



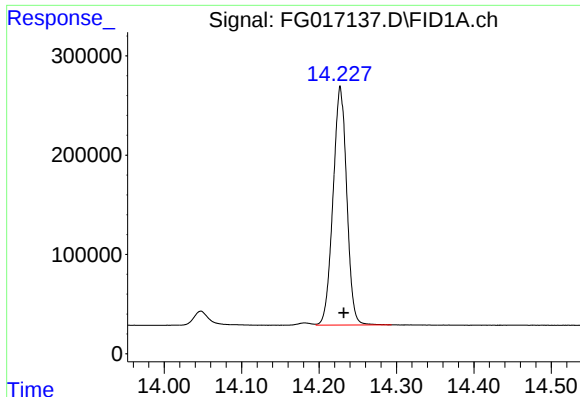
#11 n-Heneicosane (C21)

R.T.: 13.637 min
Delta R.T.: -0.005 min
Response: 2954303
Conc: 21.78 ug/ml



#12 1-chlorooctadecane (SURR)

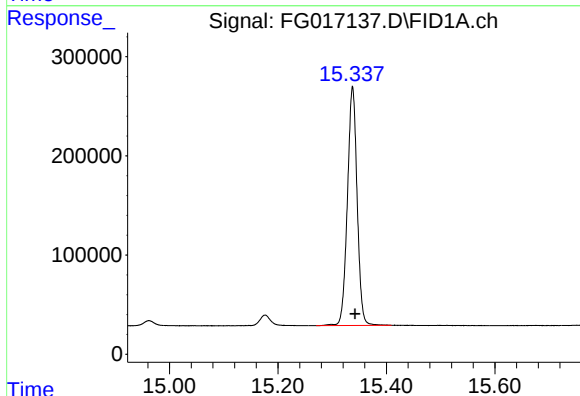
R.T.: 13.470 min
Delta R.T.: -0.005 min
Response: 2510146
Conc: 21.64 ug/ml



#13 n-Docosane (C22)

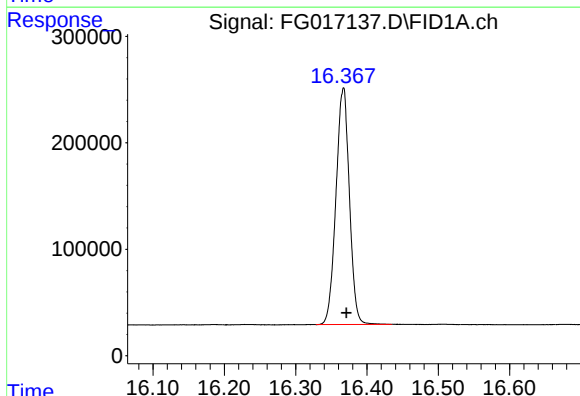
R.T.: 14.227 min
Delta R.T.: -0.005 min
Response: 2958048
Conc: 21.54 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



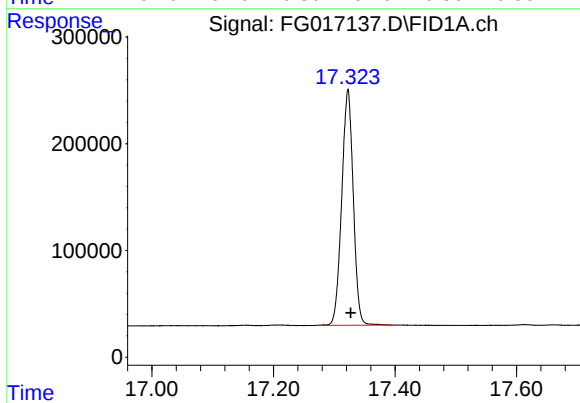
#14 n-Tetracosane (C24)

R.T.: 15.338 min
Delta R.T.: -0.005 min
Response: 2990906
Conc: 21.14 ug/ml



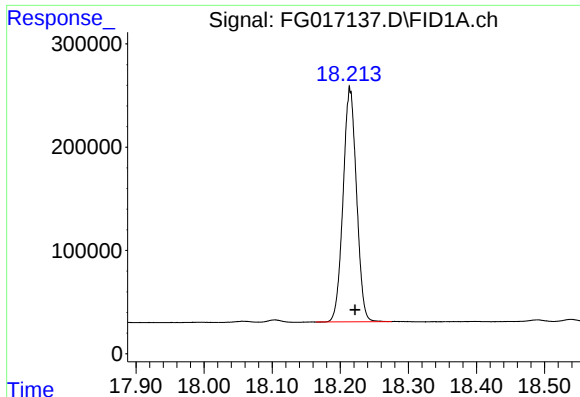
#15 n-Hexacosane (C26)

R.T.: 16.367 min
Delta R.T.: -0.004 min
Response: 2910414
Conc: 20.96 ug/ml



#16 n-Octacosane (C28)

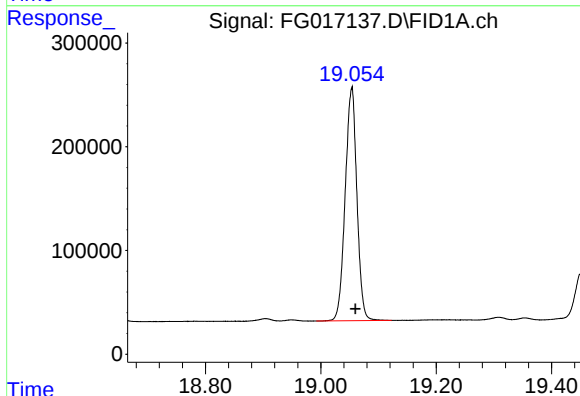
R.T.: 17.323 min
Delta R.T.: -0.004 min
Response: 2915488
Conc: 20.82 ug/ml



#17 n-Tricontane (C30)

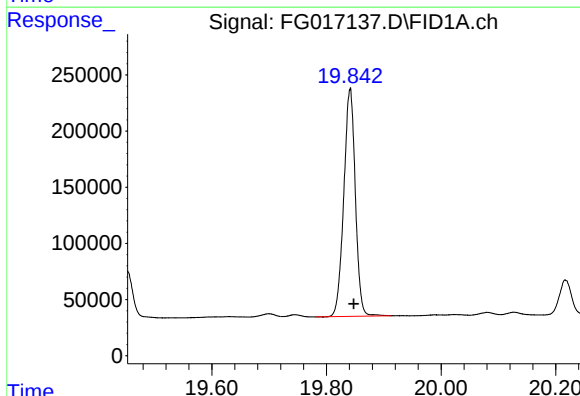
R.T.: 18.214 min
Delta R.T.: -0.007 min
Response: 3108231
Conc: 20.93 ug/ml

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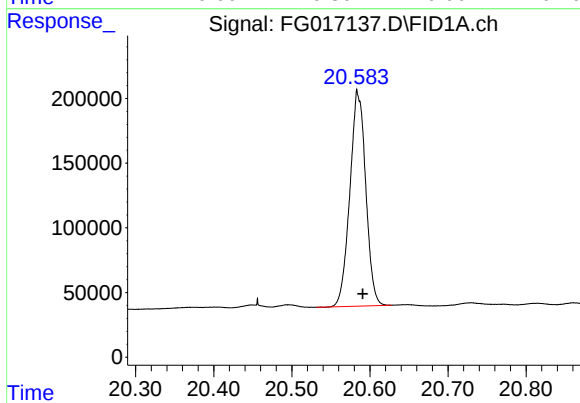
#18 n-Dotriacontane (C32)

R.T.: 19.054 min
Delta R.T.: -0.006 min
Response: 3163883
Conc: 21.13 ug/ml



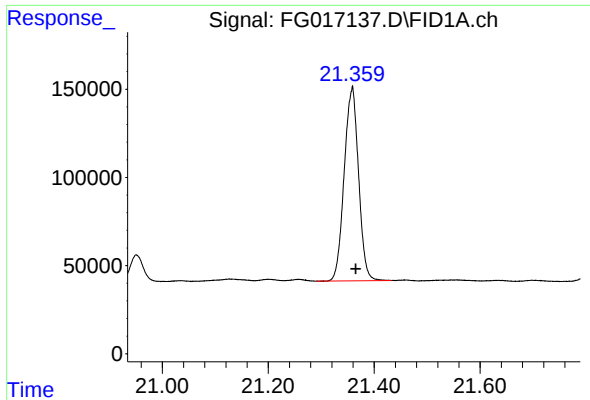
#19 n-Tetratriacontane (C34)

R.T.: 19.841 min
Delta R.T.: -0.006 min
Response: 2836926
Conc: 21.61 ug/ml



#20 n-Hexatriacontane (C36)

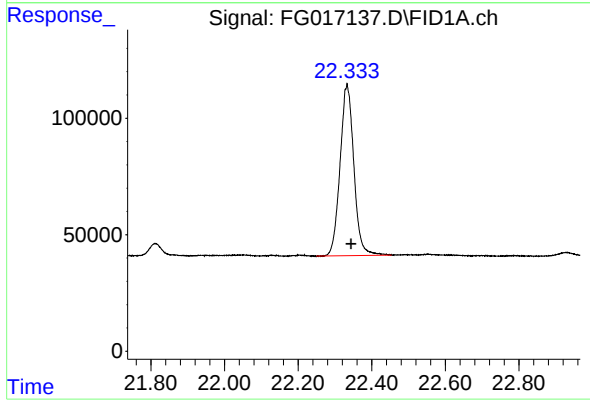
R.T.: 20.584 min
Delta R.T.: -0.007 min
Response: 2350356
Conc: 22.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.359 min
Delta R.T.: -0.006 min
Response: 2062829
Conc: 22.53 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.333 min
Delta R.T.: -0.011 min
Response: 1908709
Conc: 23.41 ug/ml