

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120925AL\
 Data File : FG017147.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2025 15:57
 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 01:27:19 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)	12.025	3296640	21.371 ug/ml
Spiked Amount 50.000		Recovery =	42.74%
12) S 1-chlorooctadecane (S...	13.470	2469961	21.295 ug/ml
Spiked Amount 50.000		Recovery =	42.59%
Target Compounds			
1) T n-Nonane (C9)	3.352	2608854	21.259 ug/ml
2) T n-Decane (C10)	4.613	2769703	22.228 ug/ml
3) T A~Naphthalene (C11.7)	6.330	2850305	22.707 ug/ml
4) T n-Dodecane (C12)	6.793	2824154	22.251 ug/ml
5) T A~2-methylnaphthalene...	7.433	2692984	23.576 ug/ml
6) T n-Tetradecane (C14)	8.632	2806524	22.468 ug/ml
7) T n-Hexadecane (C16)	10.249	2907237	22.622 ug/ml
8) T n-Octadecane (C18)	11.703	2998165	22.081 ug/ml
10) T n-Eicosane (C20)	13.020	2951843	21.572 ug/ml
11) T n-Heneicosane (C21)	13.637	2901184	21.389 ug/ml
13) T n-Docosane (C22)	14.227	2914862	21.228 ug/ml
14) T n-Tetracosane (C24)	15.339	2953002	20.873 ug/ml
15) T n-Hexacosane (C26)	16.367	2870211	20.670 ug/ml
16) T n-Octacosane (C28)	17.323	2876949	20.542 ug/ml
17) T n-Tricontane (C30)	18.215	3063660	20.633 ug/ml
18) T n-Dotriacontane (C32)	19.052	3114490	20.796 ug/ml
19) T n-Tetratriacontane (C34)	19.840	2779449	21.173 ug/ml
20) T n-Hexatriacontane (C36)	20.583	2268844	21.550 ug/ml
21) T n-Octatriacontane (C38)	21.357	2000719	21.847 ug/ml
22) T n-Tetracontane (C40)	22.333	1836234	22.522 ug/ml

(f)=RT Delta > 1/2 Window

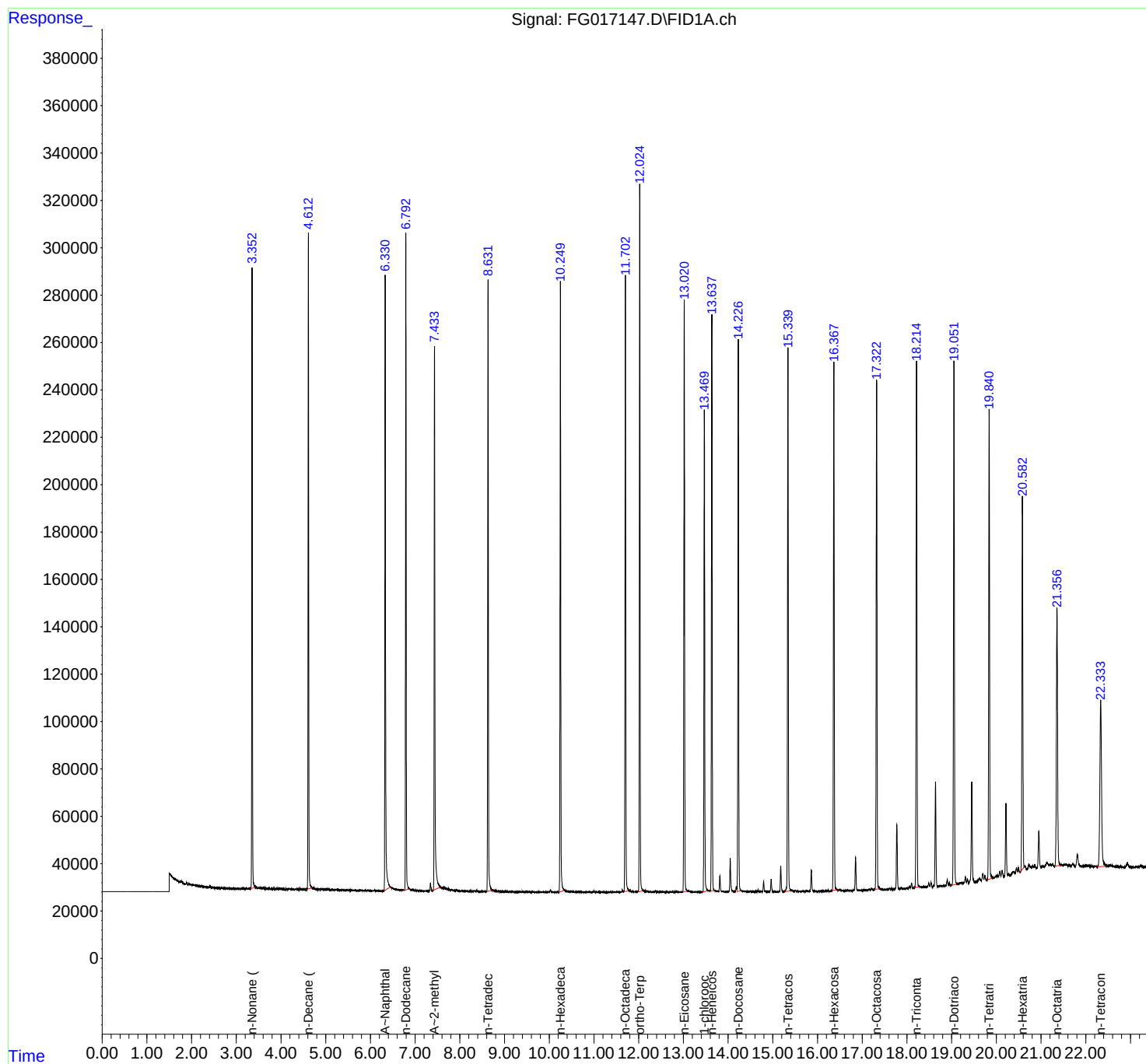
(m)=manual int.

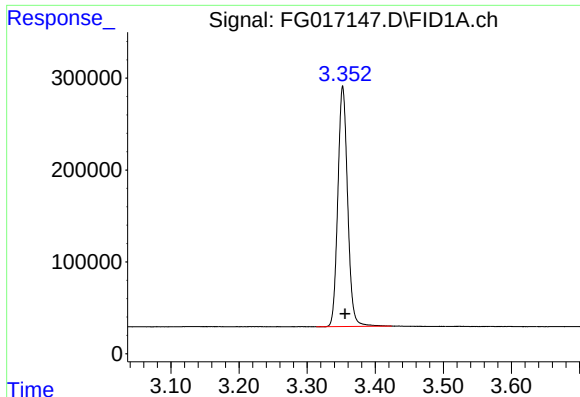
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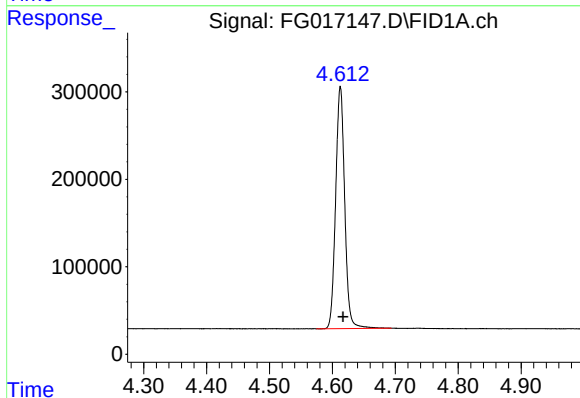




#1 n-Nonane (C9)

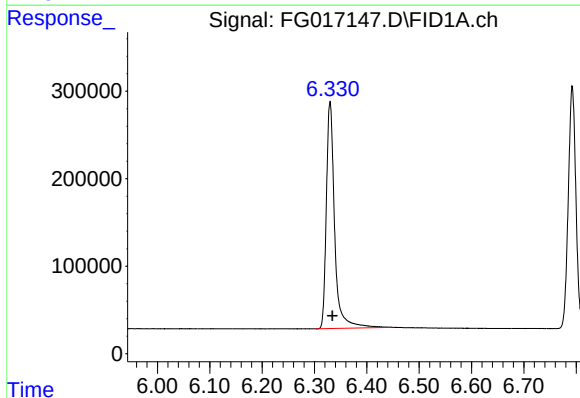
R.T.: 3.352 min
Delta R.T.: -0.004 min
Response: 2608854
Conc: 21.26 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



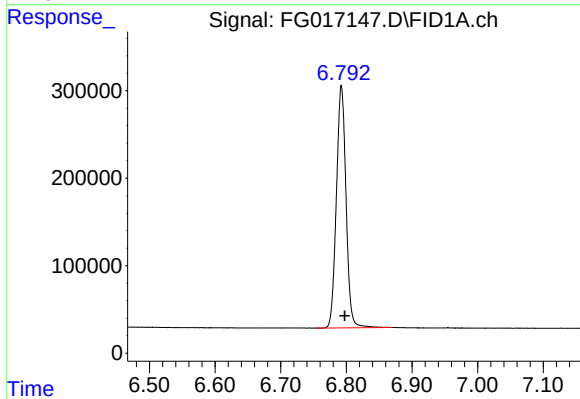
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.004 min
Response: 2769703
Conc: 22.23 ug/ml



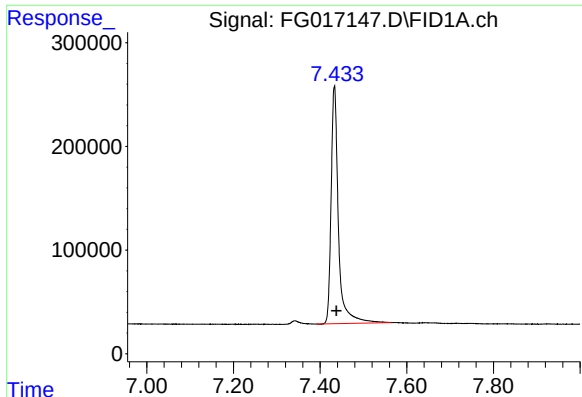
#3 A~Naphthalene (C11.7)

R.T.: 6.330 min
Delta R.T.: -0.005 min
Response: 2850305
Conc: 22.71 ug/ml



#4 n-Dodecane (C12)

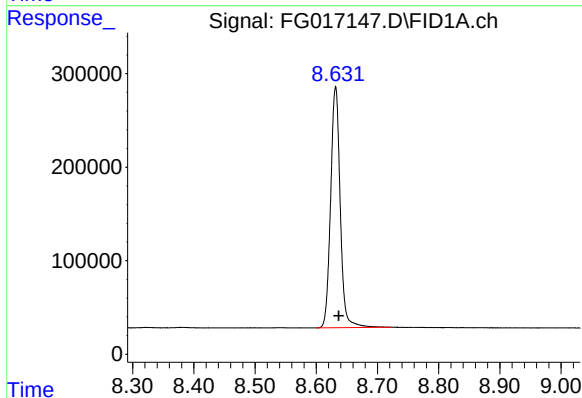
R.T.: 6.793 min
Delta R.T.: -0.005 min
Response: 2824154
Conc: 22.25 ug/ml



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

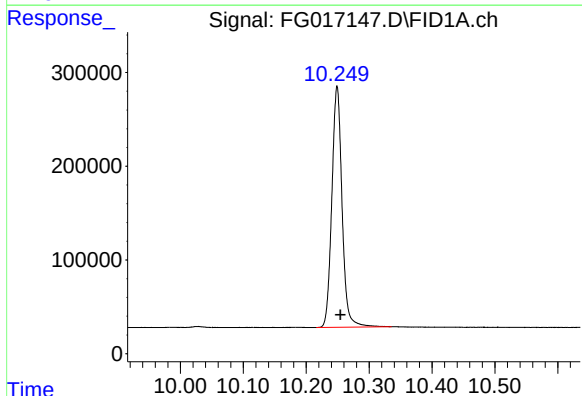
R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 2692984
Conc: 23.58 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



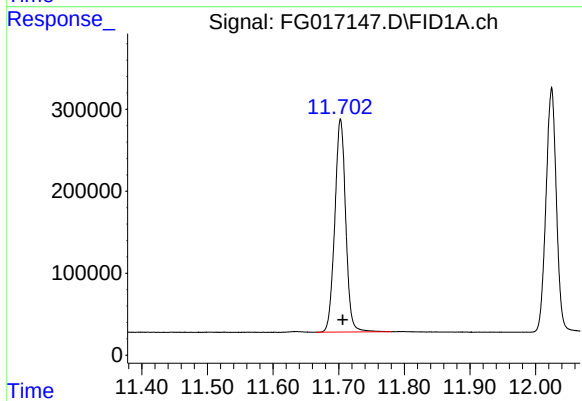
#6 n-Tetradecane (C14)

R.T.: 8.632 min
Delta R.T.: -0.005 min
Response: 2806524
Conc: 22.47 ug/ml



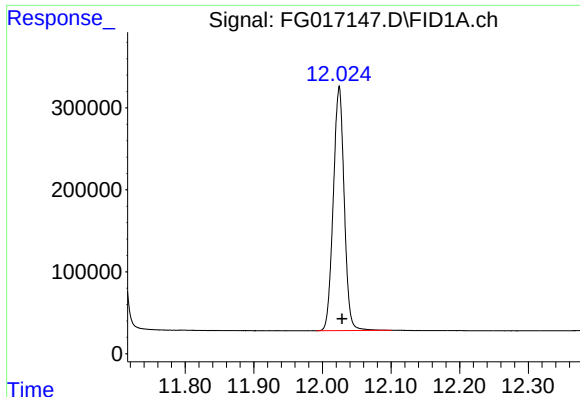
#7 n-Hexadecane (C16)

R.T.: 10.249 min
Delta R.T.: -0.005 min
Response: 2907237
Conc: 22.62 ug/ml



#8 n-Octadecane (C18)

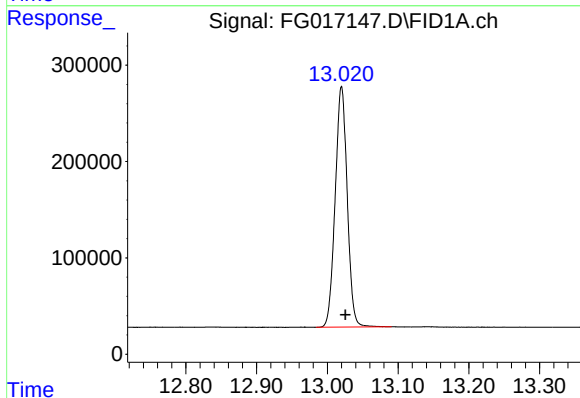
R.T.: 11.703 min
Delta R.T.: -0.004 min
Response: 2998165
Conc: 22.08 ug/ml



#9 ortho-Terphenyl (SURR)

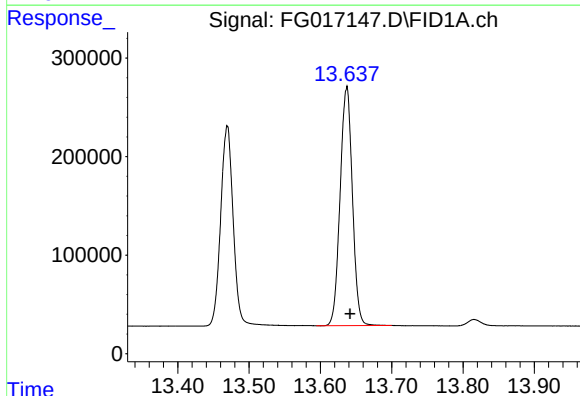
R.T.: 12.025 min
Delta R.T.: -0.004 min
Response: 3296640
Conc: 21.37 ug/ml

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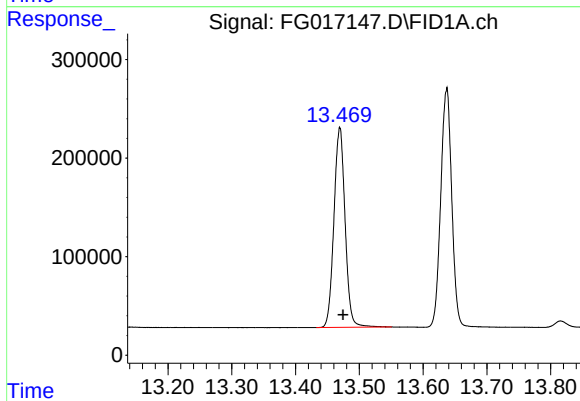
#10 n-Eicosane (C20)

R.T.: 13.020 min
Delta R.T.: -0.006 min
Response: 2951843
Conc: 21.57 ug/ml



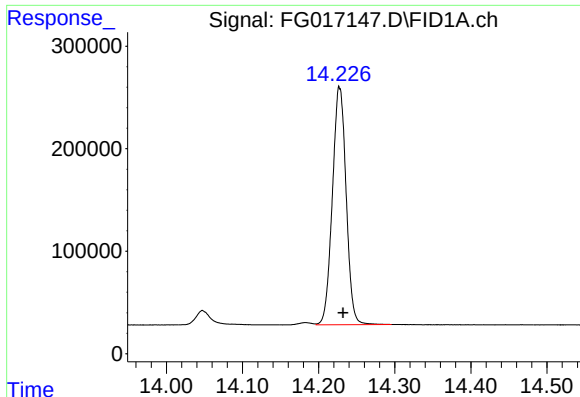
#11 n-Heneicosane (C21)

R.T.: 13.637 min
Delta R.T.: -0.004 min
Response: 2901184
Conc: 21.39 ug/ml



#12 1-chlorooctadecane (SURR)

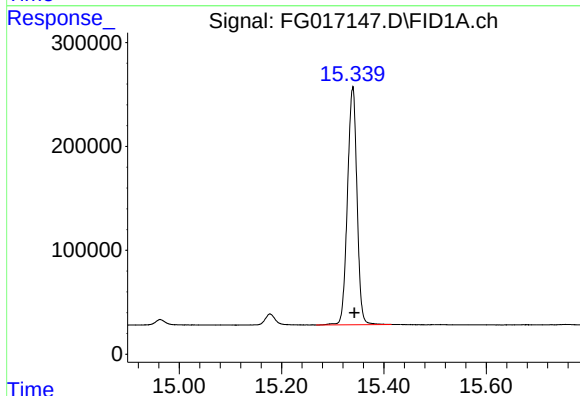
R.T.: 13.470 min
Delta R.T.: -0.005 min
Response: 2469961
Conc: 21.29 ug/ml



#13 n-Docosane (C22)

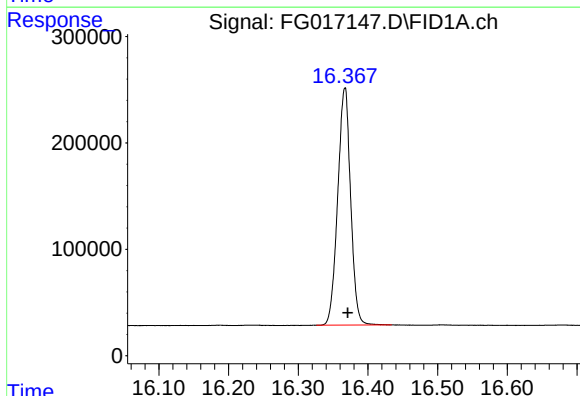
R.T.: 14.227 min
Delta R.T.: -0.005 min
Response: 2914862
Conc: 21.23 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



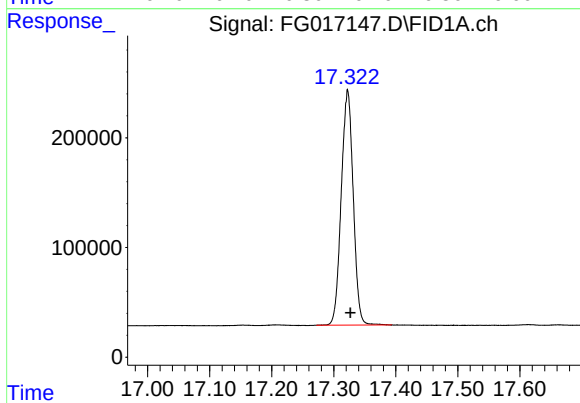
#14 n-Tetracosane (C24)

R.T.: 15.339 min
Delta R.T.: -0.003 min
Response: 2953002
Conc: 20.87 ug/ml



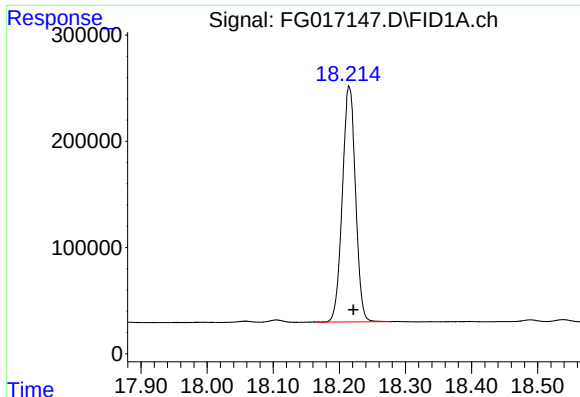
#15 n-Hexacosane (C26)

R.T.: 16.367 min
Delta R.T.: -0.004 min
Response: 2870211
Conc: 20.67 ug/ml



#16 n-Octacosane (C28)

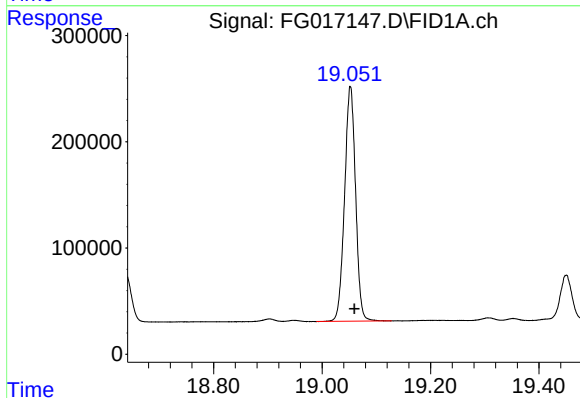
R.T.: 17.323 min
Delta R.T.: -0.005 min
Response: 2876949
Conc: 20.54 ug/ml



#17 n-Tricontane (C30)

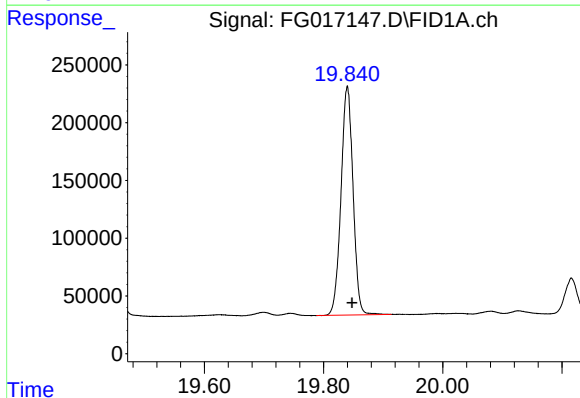
R.T.: 18.215 min
Delta R.T.: -0.007 min
Response: 3063660
Conc: 20.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



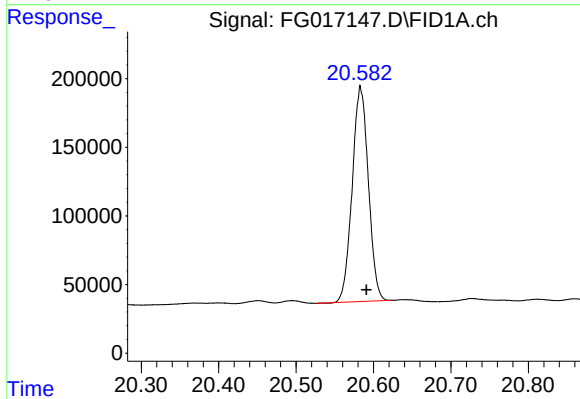
#18 n-Dotriacontane (C32)

R.T.: 19.052 min
Delta R.T.: -0.008 min
Response: 3114490
Conc: 20.80 ug/ml



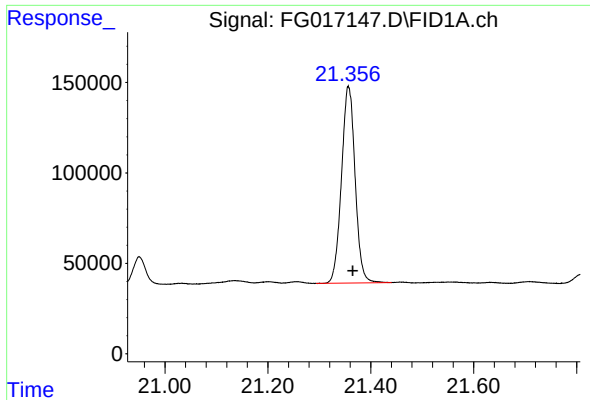
#19 n-Tetratriacontane (C34)

R.T.: 19.840 min
Delta R.T.: -0.008 min
Response: 2779449
Conc: 21.17 ug/ml



#20 n-Hexatriacontane (C36)

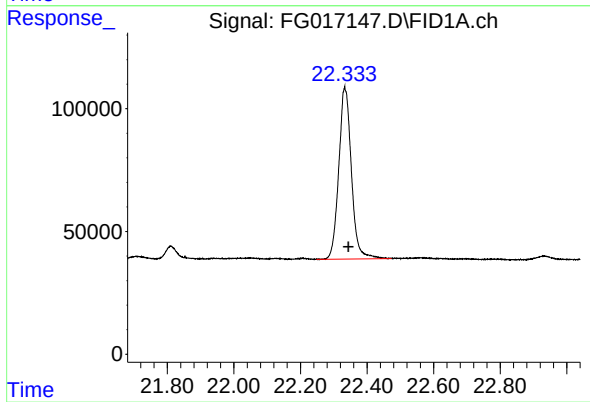
R.T.: 20.583 min
Delta R.T.: -0.008 min
Response: 2268844
Conc: 21.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.357 min
Delta R.T.: -0.009 min
Response: 2000719
Conc: 21.85 ug/ml

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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: 1836234
Conc: 22.52 ug/ml