

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425AL\
 Data File : FG017064.D
 Signal(s) : FID1A.ch
 Acq On : 04 Dec 2025 11:39
 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 05 01:31:55 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)	12.033	3170343	20.552 ug/ml
Spiked Amount 50.000		Recovery =	41.10%
12) S 1-chlorooctadecane (S...	13.478	2385820	20.569 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.356	2508326	20.440 ug/ml
2) T n-Decane (C10)	4.617	2640773	21.193 ug/ml
3) T A~Naphthalene (C11.7)	6.337	2737619	21.809 ug/ml
4) T n-Dodecane (C12)	6.799	2691536	21.206 ug/ml
5) T A~2-methylnaphthalene...	7.440	2599118	22.755 ug/ml
6) T n-Tetradecane (C14)	8.638	2672504	21.395 ug/ml
7) T n-Hexadecane (C16)	10.256	2767884	21.538 ug/ml
8) T n-Octadecane (C18)	11.710	2852504	21.008 ug/ml
10) T n-Eicosane (C20)	13.029	2799558	20.459 ug/ml
11) T n-Heneicosane (C21)	13.645	2762940	20.369 ug/ml
13) T n-Docosane (C22)	14.236	2772486	20.192 ug/ml
14) T n-Tetracosane (C24)	15.347	2812774	19.882 ug/ml
15) T n-Hexacosane (C26)	16.377	2755932	19.847 ug/ml
16) T n-Octacosane (C28)	17.333	2764286	19.737 ug/ml
17) T n-Tricontane (C30)	18.226	2911643	19.609 ug/ml
18) T n-Dotriacontane (C32)	19.065	2894545	19.327 ug/ml
19) T n-Tetratriacontane (C34)	19.852	2596588	19.780 ug/ml
20) T n-Hexatriacontane (C36)	20.596	2159912	20.515 ug/ml
21) T n-Octatriacontane (C38)	21.372	1981558	21.638 ug/ml
22) T n-Tetracontane (C40)	22.352	1855206	22.755 ug/ml

(f)=RT Delta > 1/2 Window

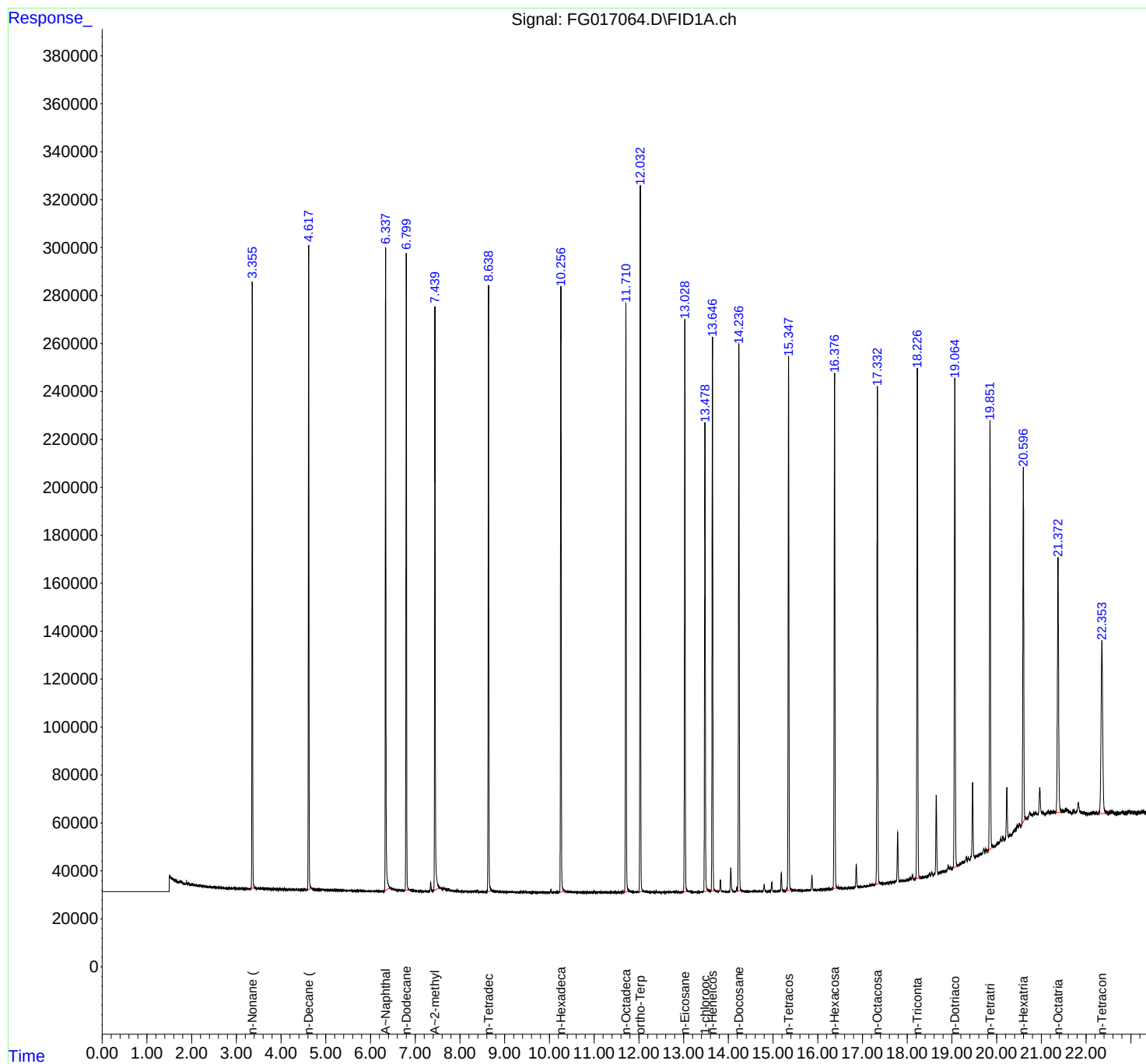
(m)=manual int.

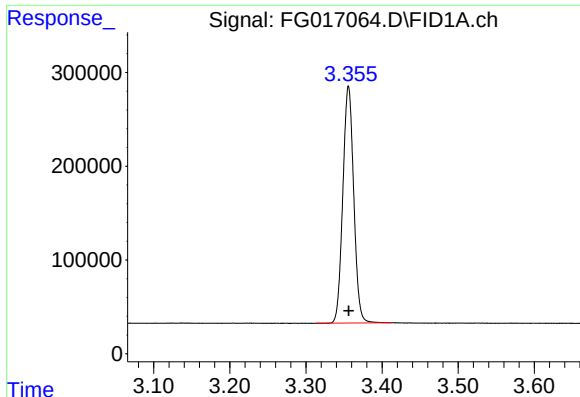
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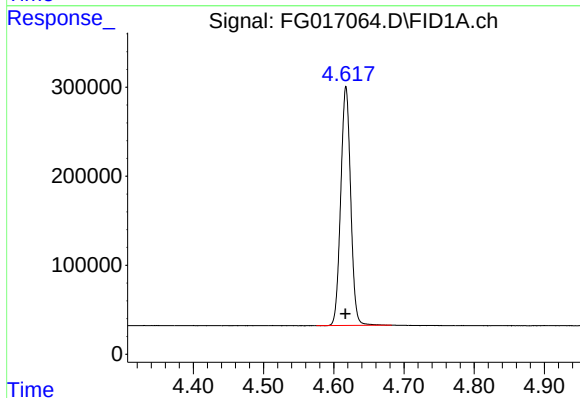




#1 n-Nonane (C9)

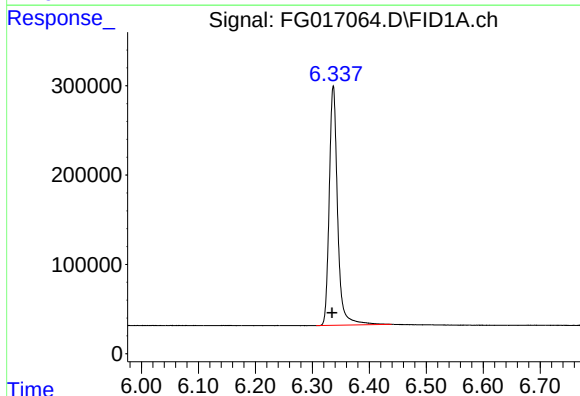
R.T.: 3.356 min
Delta R.T.: 0.000 min
Response: 2508326
Conc: 20.44 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



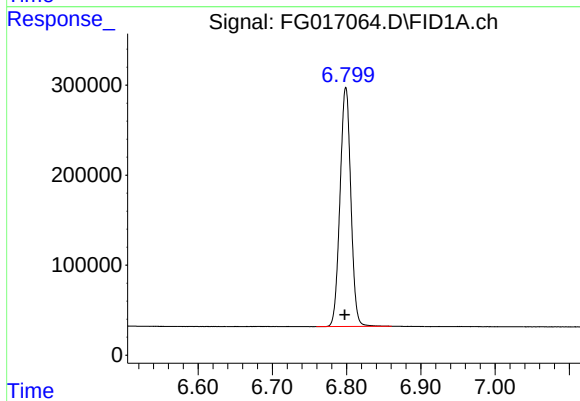
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 2640773
Conc: 21.19 ug/ml



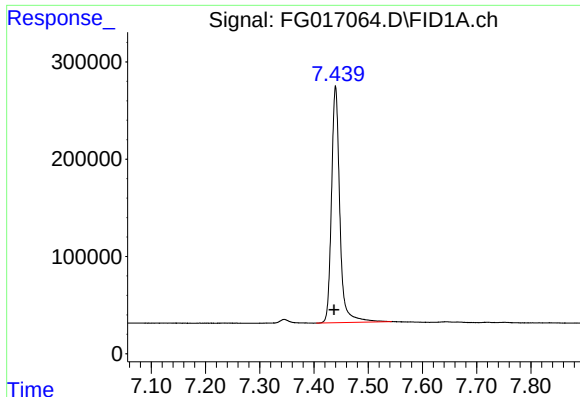
#3 A~Naphthalene (C11.7)

R.T.: 6.337 min
Delta R.T.: 0.002 min
Response: 2737619
Conc: 21.81 ug/ml



#4 n-Dodecane (C12)

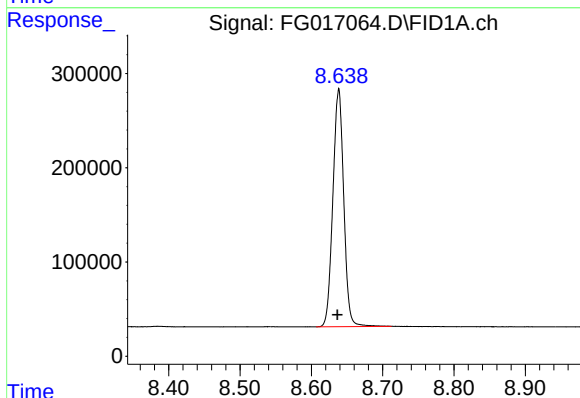
R.T.: 6.799 min
Delta R.T.: 0.002 min
Response: 2691536
Conc: 21.21 ug/ml



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

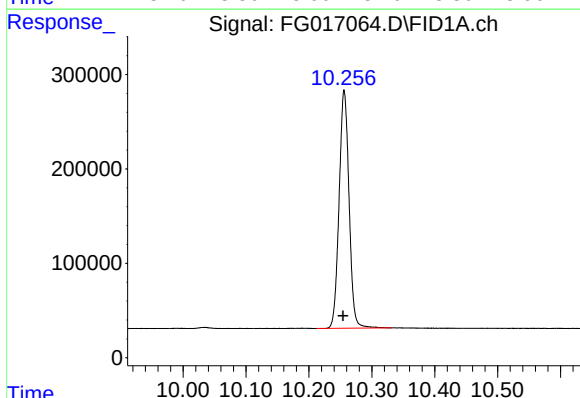
R.T.: 7.440 min
Delta R.T.: 0.003 min
Response: 2599118
Conc: 22.75 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



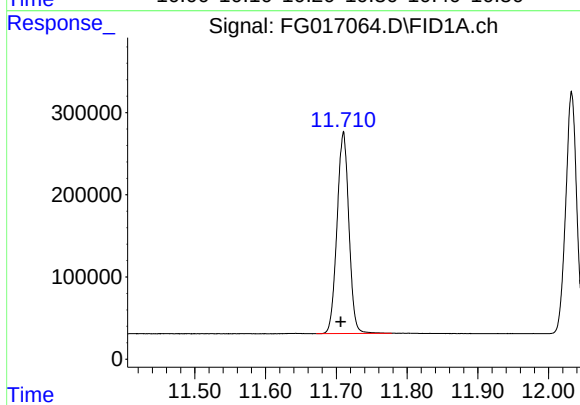
#6 n-Tetradecane (C14)

R.T.: 8.638 min
Delta R.T.: 0.002 min
Response: 2672504
Conc: 21.40 ug/ml



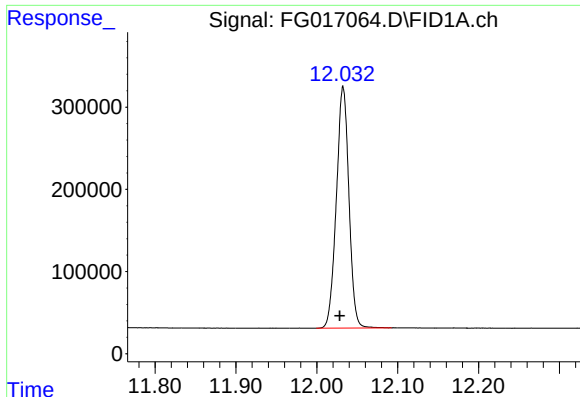
#7 n-Hexadecane (C16)

R.T.: 10.256 min
Delta R.T.: 0.002 min
Response: 2767884
Conc: 21.54 ug/ml



#8 n-Octadecane (C18)

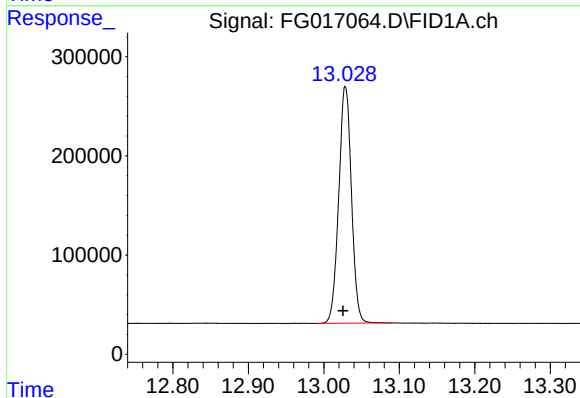
R.T.: 11.710 min
Delta R.T.: 0.004 min
Response: 2852504
Conc: 21.01 ug/ml



#9 ortho-Terphenyl (SURR)

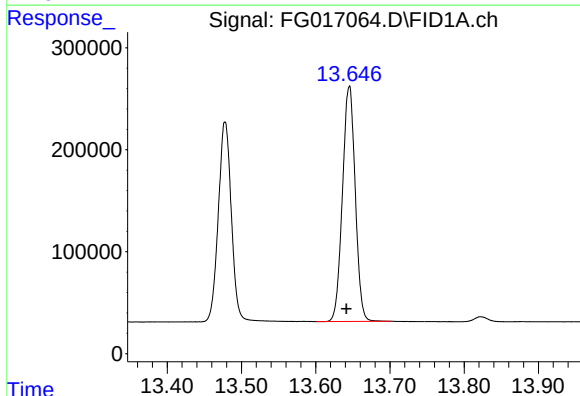
R.T.: 12.033 min
Delta R.T.: 0.004 min
Response: 3170343
Conc: 20.55 ug/ml

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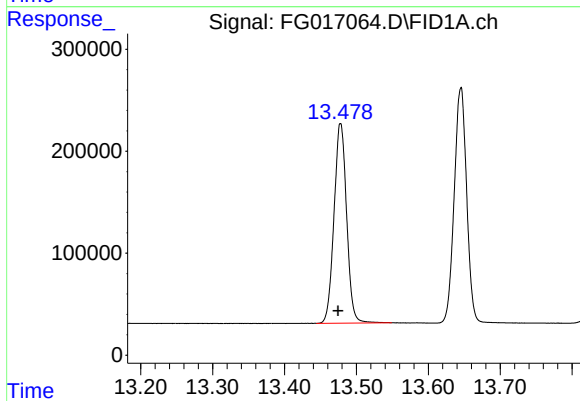
#10 n-Eicosane (C20)

R.T.: 13.029 min
Delta R.T.: 0.003 min
Response: 2799558
Conc: 20.46 ug/ml



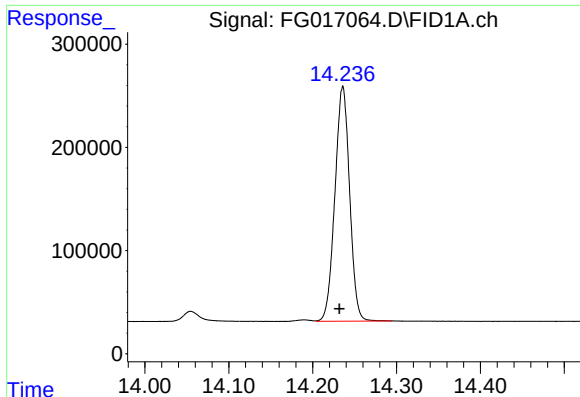
#11 n-Heneicosane (C21)

R.T.: 13.645 min
Delta R.T.: 0.004 min
Response: 2762940
Conc: 20.37 ug/ml



#12 1-chlorooctadecane (SURR)

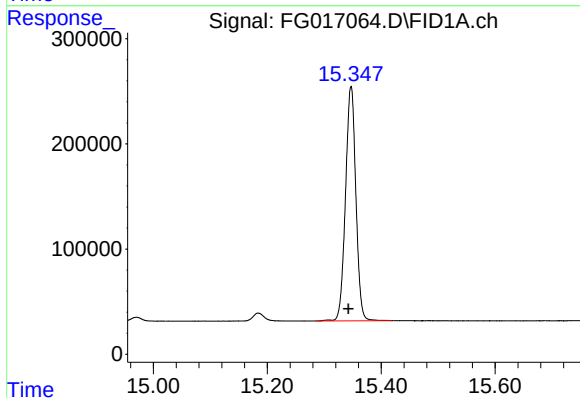
R.T.: 13.478 min
Delta R.T.: 0.003 min
Response: 2385820
Conc: 20.57 ug/ml



#13 n-Docosane (C22)

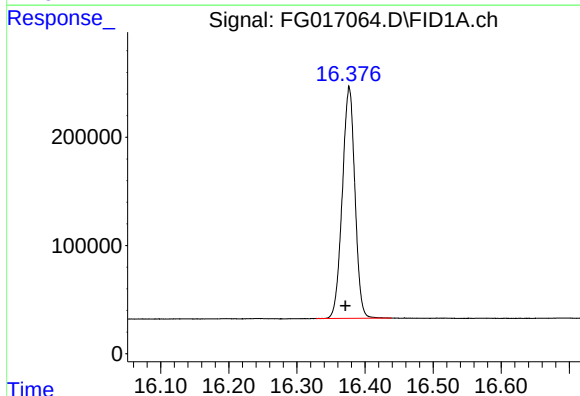
R.T.: 14.236 min
Delta R.T.: 0.004 min
Response: 2772486
Conc: 20.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



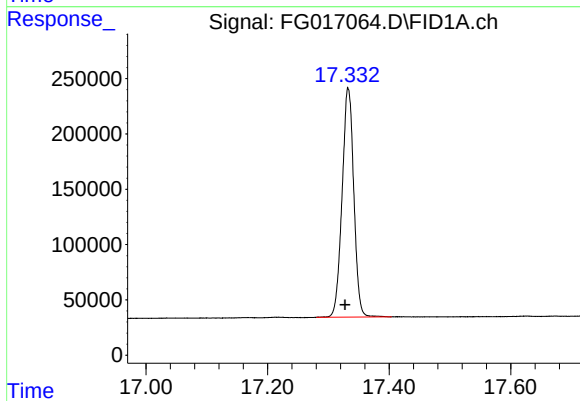
#14 n-Tetracosane (C24)

R.T.: 15.347 min
Delta R.T.: 0.005 min
Response: 2812774
Conc: 19.88 ug/ml



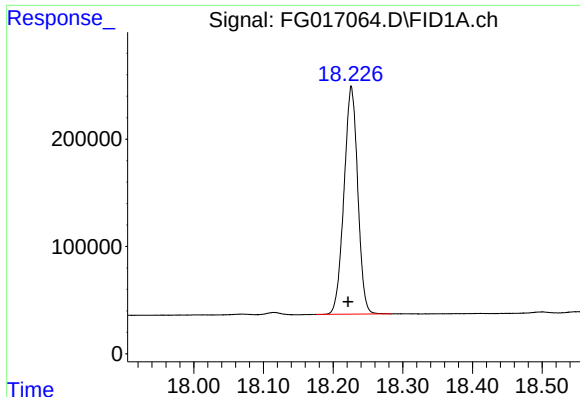
#15 n-Hexacosane (C26)

R.T.: 16.377 min
Delta R.T.: 0.006 min
Response: 2755932
Conc: 19.85 ug/ml



#16 n-Octacosane (C28)

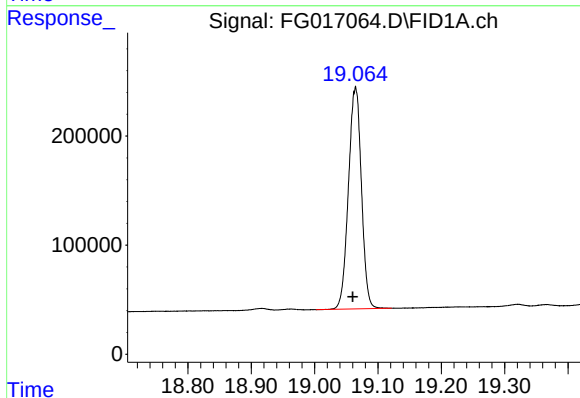
R.T.: 17.333 min
Delta R.T.: 0.005 min
Response: 2764286
Conc: 19.74 ug/ml



#17 n-Tricontane (C30)

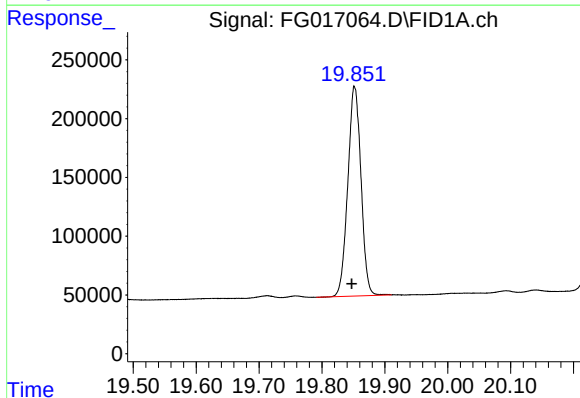
R.T.: 18.226 min
Delta R.T.: 0.005 min
Response: 2911643
Conc: 19.61 ug/ml

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FID_G
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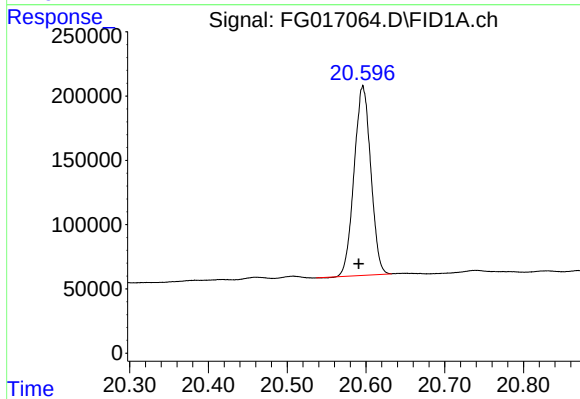
#18 n-Dotriacontane (C32)

R.T.: 19.065 min
Delta R.T.: 0.005 min
Response: 2894545
Conc: 19.33 ug/ml



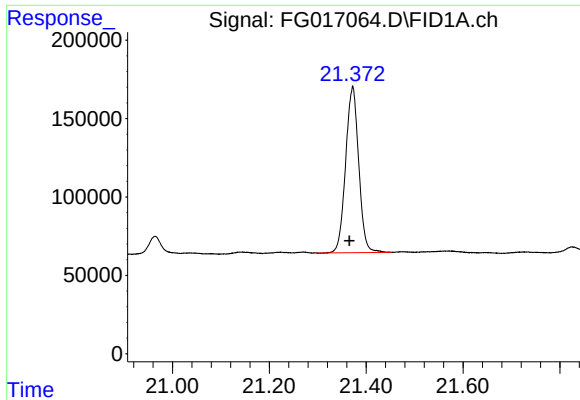
#19 n-Tetratriacontane (C34)

R.T.: 19.852 min
Delta R.T.: 0.004 min
Response: 2596588
Conc: 19.78 ug/ml



#20 n-Hexatriacontane (C36)

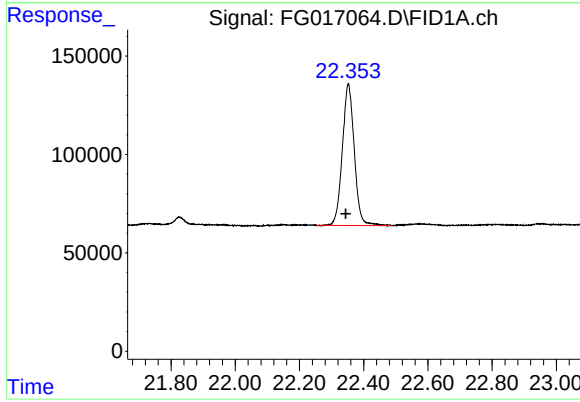
R.T.: 20.596 min
Delta R.T.: 0.005 min
Response: 2159912
Conc: 20.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.372 min
Delta R.T.: 0.007 min
Response: 1981558
Conc: 21.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.352 min
Delta R.T.: 0.008 min
Response: 1855206
Conc: 22.75 ug/ml