

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092925AL\
 Data File : FG016684.D
 Signal(s) : FID1A.ch
 Acq On : 29 Sep 2025 15:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 30 01:42:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:20:58 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)	12.056	2768365	19.409 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
12) S 1-chlorooctadecane (S...	13.502	2180229	19.316 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
Target Compounds			
1) T n-Nonane (C9)	3.378	2223222	19.591 ug/ml
2) T n-Decane (C10)	4.639	2293119	19.827 ug/ml
3) T A~Naphthalene (C11.7)	6.358	2410266	19.549 ug/ml
4) T n-Dodecane (C12)	6.821	2319446	19.761 ug/ml
5) T A~2-methylnaphthalene...	7.461	2277088	19.685 ug/ml
6) T n-Tetradecane (C14)	8.661	2322504	19.796 ug/ml
7) T n-Hexadecane (C16)	10.280	2450101	19.774 ug/ml
8) T n-Octadecane (C18)	11.733	2551080	19.597 ug/ml
10) T n-Eicosane (C20)	13.053	2511342	19.426 ug/ml
11) T n-Heneicosane (C21)	13.669	2487101	19.368 ug/ml
13) T n-Docosane (C22)	14.260	2488609	19.300 ug/ml
14) T n-Tetracosane (C24)	15.371	2484553	19.050 ug/ml
15) T n-Hexacosane (C26)	16.400	2438395	18.889 ug/ml
16) T n-Octacosane (C28)	17.356	2385634	18.799 ug/ml
17) T n-Tricontane (C30)	18.249	2461802	19.240 ug/ml
18) T n-Dotriacontane (C32)	19.088	2399275	19.590 ug/ml
19) T n-Tetratriacontane (C34)	19.875	2135373	19.656 ug/ml
20) T n-Hexatriacontane (C36)	20.619	1779007	19.577 ug/ml
21) T n-Octatriacontane (C38)	21.400	1553399	19.074 ug/ml
22) T n-Tetracontane (C40)	22.391	1423970	18.460 ug/ml

(f)=RT Delta > 1/2 Window

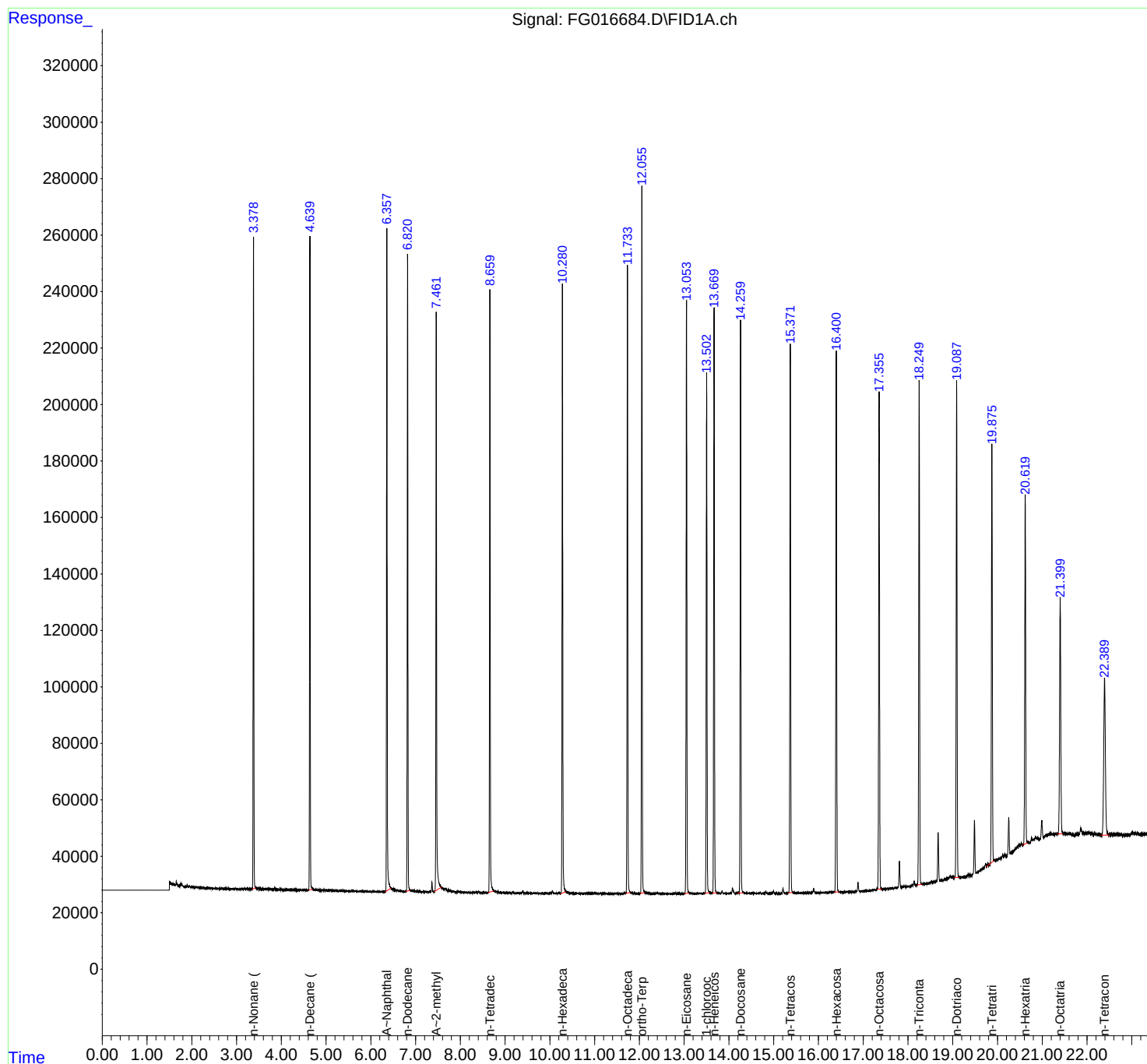
(m)=manual int.

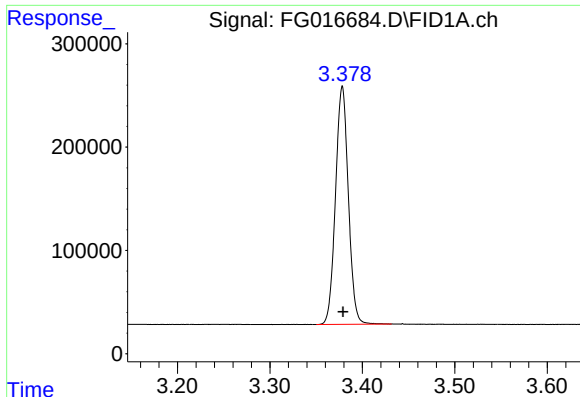
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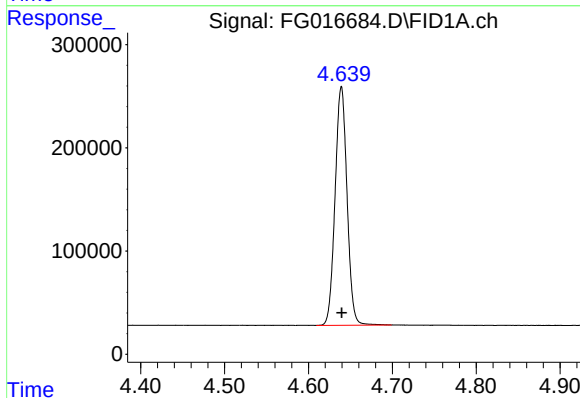




#1 n-Nonane (C9)

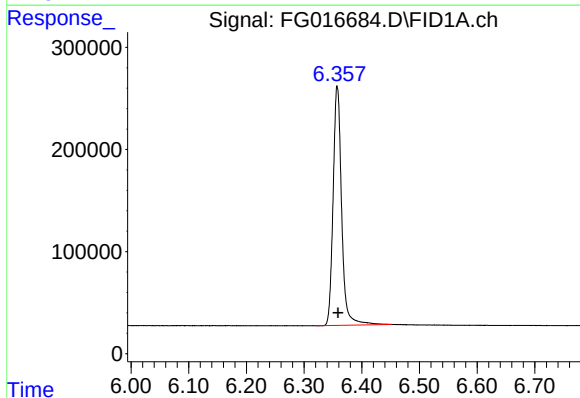
R.T.: 3.378 min
Delta R.T.: 0.000 min
Response: 2223222
Conc: 19.59 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



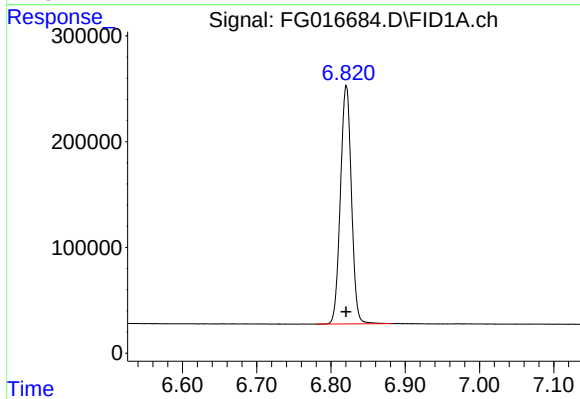
#2 n-Decane (C10)

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 2293119
Conc: 19.83 ug/ml



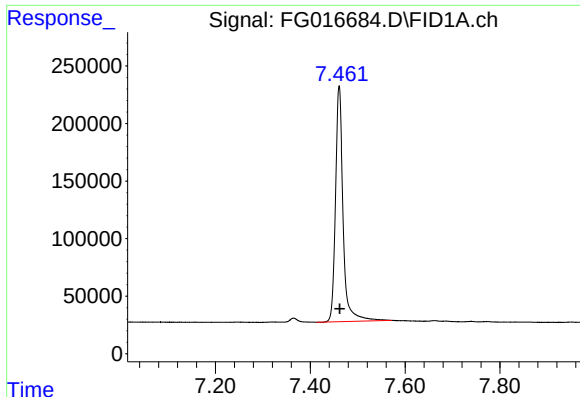
#3 A~Naphthalene (C11.7)

R.T.: 6.358 min
Delta R.T.: -0.002 min
Response: 2410266
Conc: 19.55 ug/ml



#4 n-Dodecane (C12)

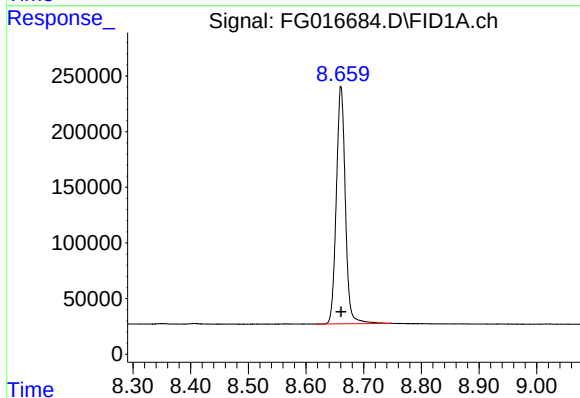
R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 2319446
Conc: 19.76 ug/ml



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

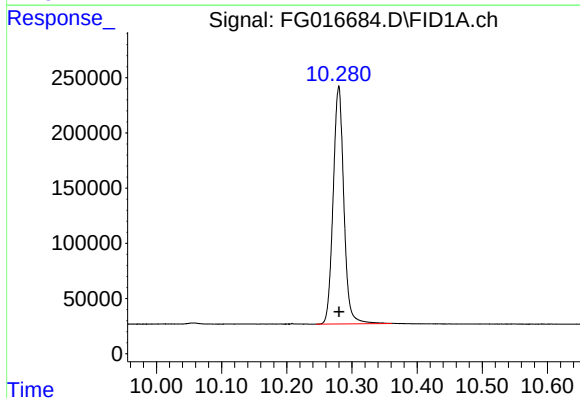
R.T.: 7.461 min
Delta R.T.: -0.002 min
Response: 2277088
Conc: 19.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



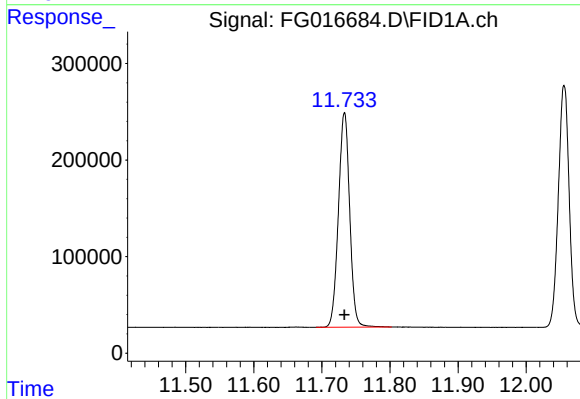
#6 n-Tetradecane (C14)

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 2322504
Conc: 19.80 ug/ml



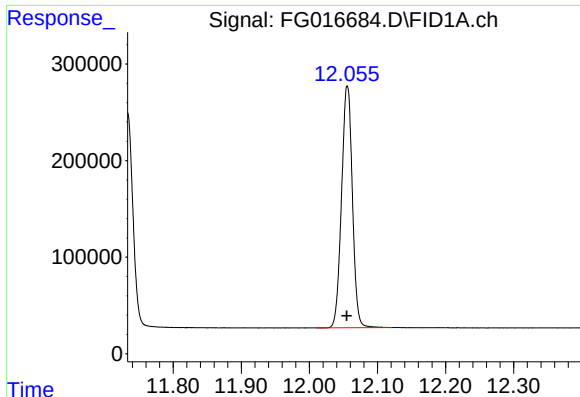
#7 n-Hexadecane (C16)

R.T.: 10.280 min
Delta R.T.: 0.000 min
Response: 2450101
Conc: 19.77 ug/ml



#8 n-Octadecane (C18)

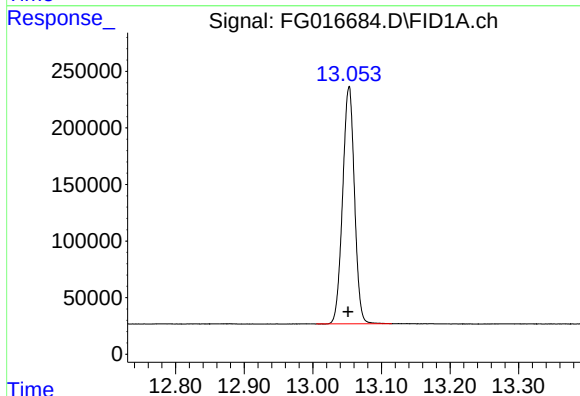
R.T.: 11.733 min
Delta R.T.: 0.000 min
Response: 2551080
Conc: 19.60 ug/ml



#9 ortho-Terphenyl (SURR)

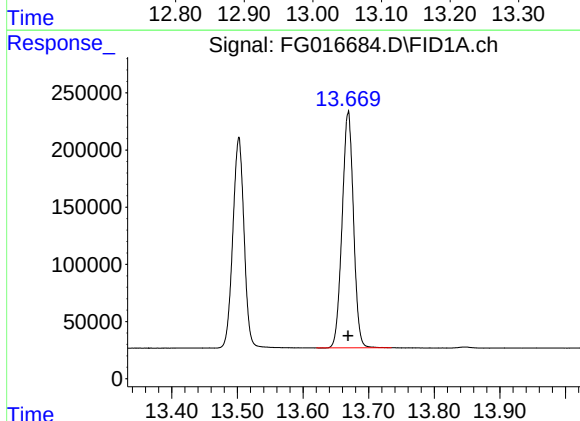
R.T.: 12.056 min
Delta R.T.: 0.001 min
Response: 2768365
Conc: 19.41 ug/ml

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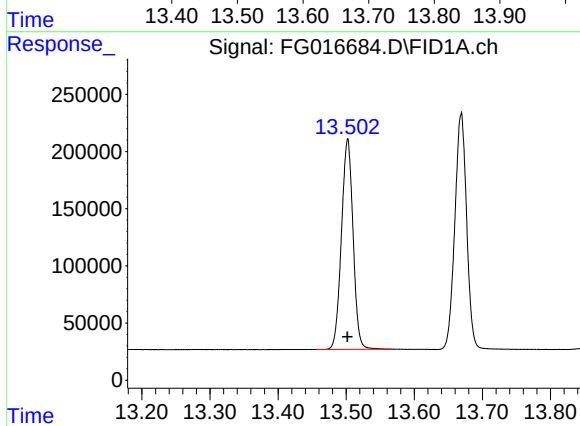
#10 n-Eicosane (C20)

R.T.: 13.053 min
Delta R.T.: 0.001 min
Response: 2511342
Conc: 19.43 ug/ml



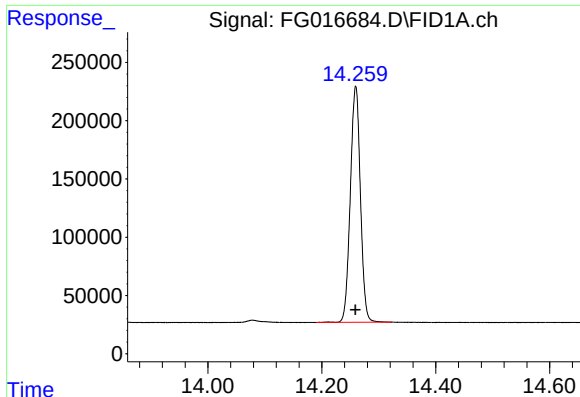
#11 n-Heneicosane (C21)

R.T.: 13.669 min
Delta R.T.: 0.000 min
Response: 2487101
Conc: 19.37 ug/ml



#12 1-chlorooctadecane (SURR)

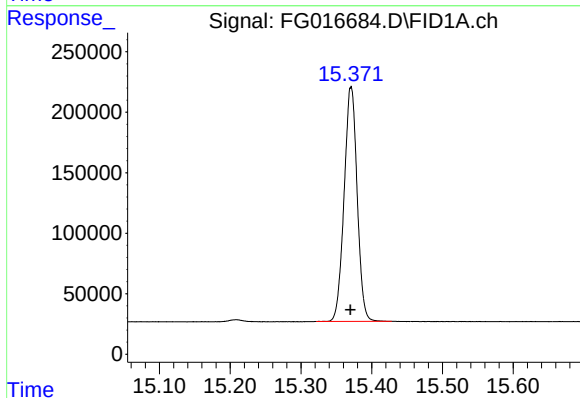
R.T.: 13.502 min
Delta R.T.: 0.000 min
Response: 2180229
Conc: 19.32 ug/ml



#13 n-Docosane (C22)

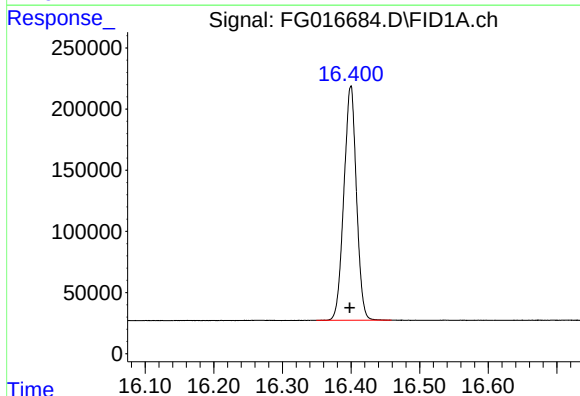
R.T.: 14.260 min
Delta R.T.: 0.000 min
Response: 2488609
Conc: 19.30 ug/ml

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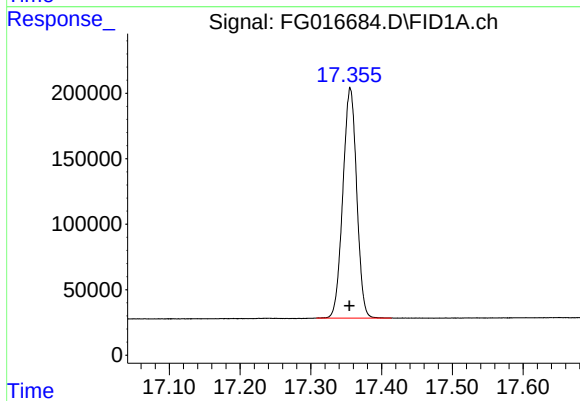
#14 n-Tetracosane (C24)

R.T.: 15.371 min
Delta R.T.: 0.000 min
Response: 2484553
Conc: 19.05 ug/ml



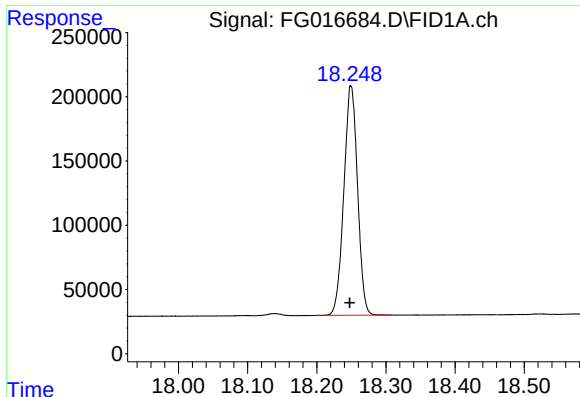
#15 n-Hexacosane (C26)

R.T.: 16.400 min
Delta R.T.: 0.001 min
Response: 2438395
Conc: 18.89 ug/ml



#16 n-Octacosane (C28)

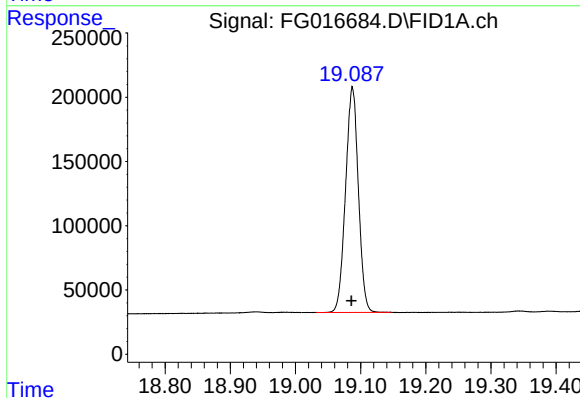
R.T.: 17.356 min
Delta R.T.: 0.001 min
Response: 2385634
Conc: 18.80 ug/ml



#17 n-Tricontane (C30)

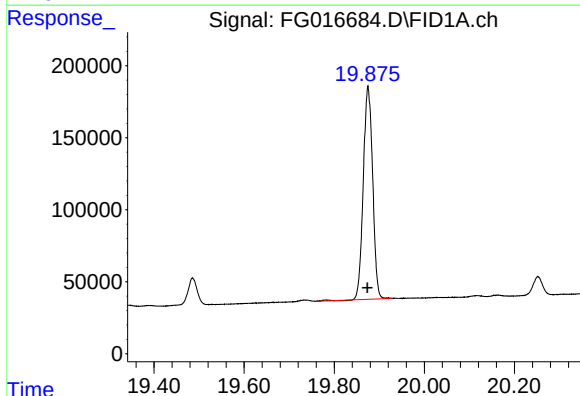
R.T.: 18.249 min
Delta R.T.: 0.002 min
Response: 2461802
Conc: 19.24 ug/ml

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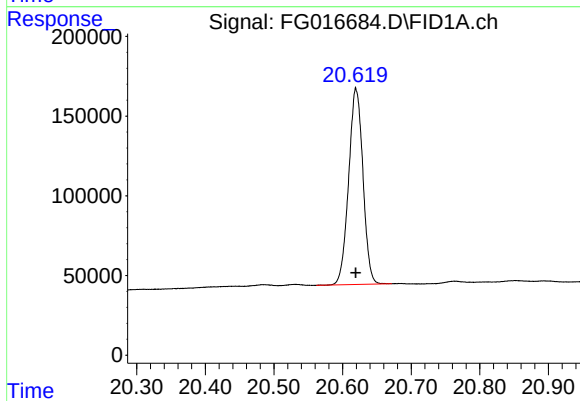
#18 n-Dotriacontane (C32)

R.T.: 19.088 min
Delta R.T.: 0.002 min
Response: 2399275
Conc: 19.59 ug/ml



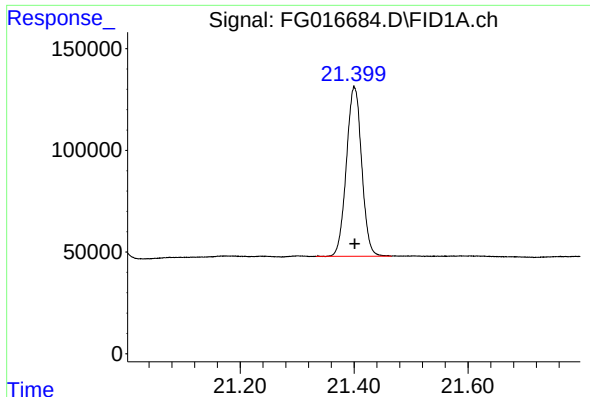
#19 n-Tetratriacontane (C34)

R.T.: 19.875 min
Delta R.T.: 0.001 min
Response: 2135373
Conc: 19.66 ug/ml



#20 n-Hexatriacontane (C36)

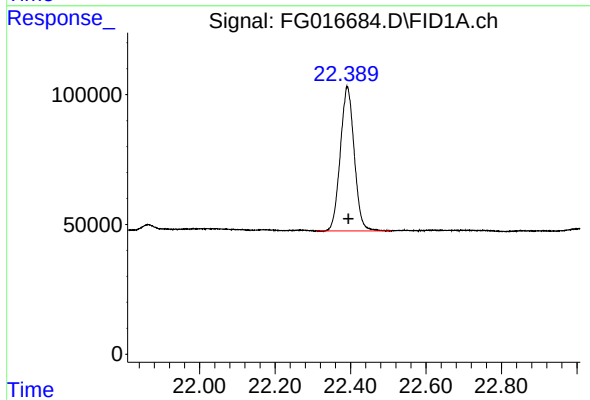
R.T.: 20.619 min
Delta R.T.: 0.000 min
Response: 1779007
Conc: 19.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.400 min
Delta R.T.: 0.000 min
Response: 1553399
Conc: 19.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.391 min
Delta R.T.: -0.003 min
Response: 1423970
Conc: 18.46 ug/ml