

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
 Data File : FG016078.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 18:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 16 06:54:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:39:56 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)	12.093	2555262	19.804 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
12) S 1-chlorooctadecane (S...	13.534	1999207	19.840 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
Target Compounds			
1) T n-Nonane (C9)	3.421	2137857	19.759 ug/ml
2) T n-Decane (C10)	4.681	2166196	19.748 ug/ml
3) T A~Naphthalene (C11.7)	6.396	2359900	19.751 ug/ml
4) T n-Dodecane (C12)	6.859	2174534	19.749 ug/ml
5) T A~2-methylnaphthalene...	7.498	2298635	19.763 ug/ml
6) T n-Tetradecane (C14)	8.697	2169835	19.758 ug/ml
7) T n-Hexadecane (C16)	10.315	2254799	19.808 ug/ml
8) T n-Octadecane (C18)	11.768	2308066	19.826 ug/ml
10) T n-Eicosane (C20)	13.086	2259656	19.854 ug/ml
11) T n-Heneicosane (C21)	13.703	2245777	19.837 ug/ml
13) T n-Docosane (C22)	14.293	2254578	19.832 ug/ml
14) T n-Tetracosane (C24)	15.403	2288006	19.842 ug/ml
15) T n-Hexacosane (C26)	16.430	2281617	19.827 ug/ml
16) T n-Octacosane (C28)	17.384	2251794	19.841 ug/ml
17) T n-Tricontane (C30)	18.277	2281386	19.926 ug/ml
18) T n-Dotriacontane (C32)	19.114	2174285	19.942 ug/ml
19) T n-Tetratriacontane (C34)	19.901	1967136	19.883 ug/ml
20) T n-Hexatriacontane (C36)	20.643	1684091	19.841 ug/ml
21) T n-Octatriacontane (C38)	21.432	1490503	19.744 ug/ml
22) T n-Tetracontane (C40)	22.437	1364977	19.740 ug/ml

(f)=RT Delta > 1/2 Window

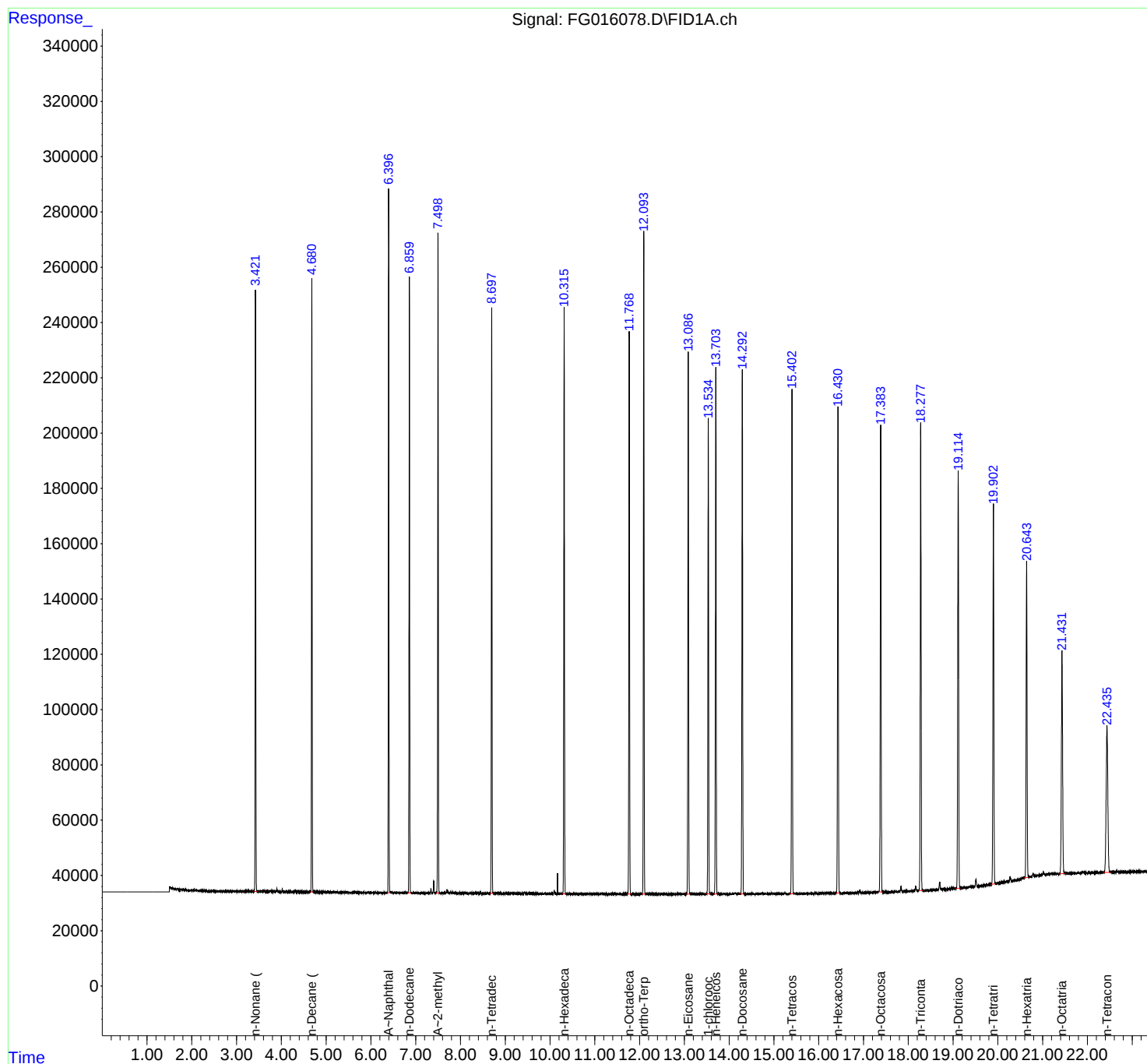
(m)=manual int.

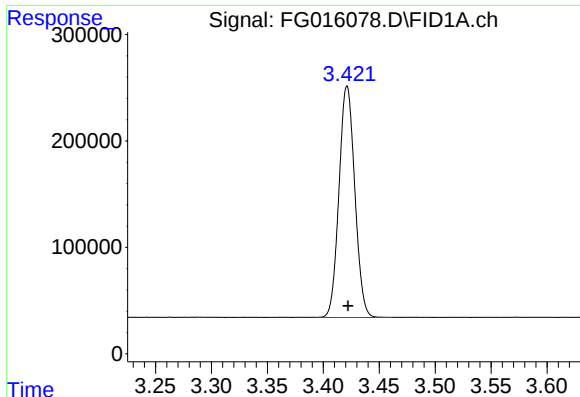
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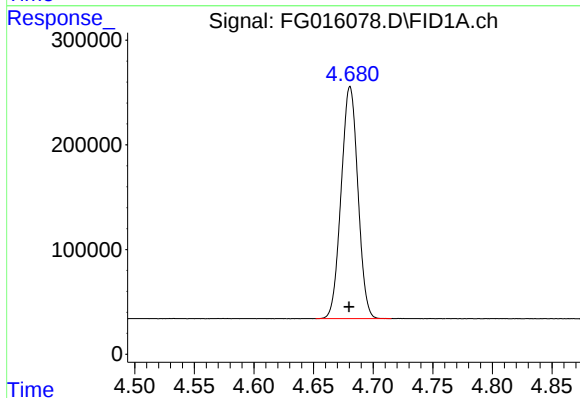




#1 n-Nonane (C9)

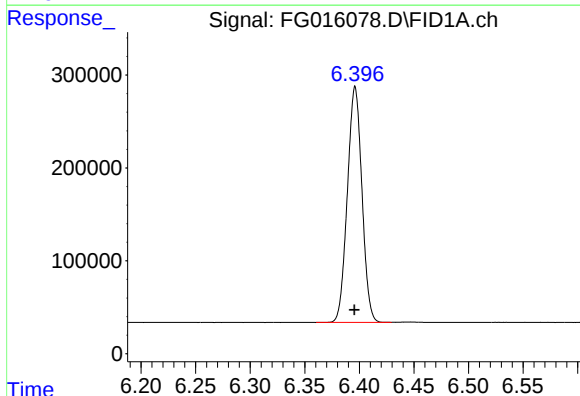
R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 2137857
Conc: 19.76 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



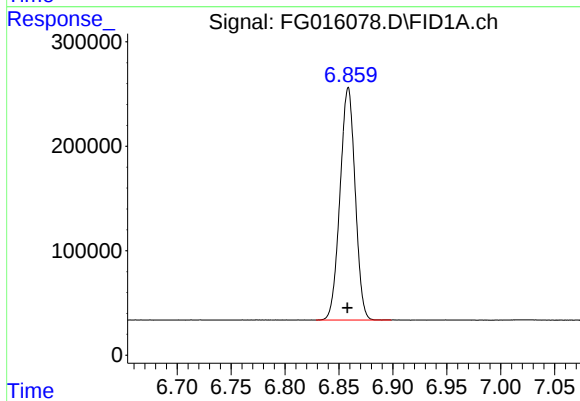
#2 n-Decane (C10)

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 2166196
Conc: 19.75 ug/ml



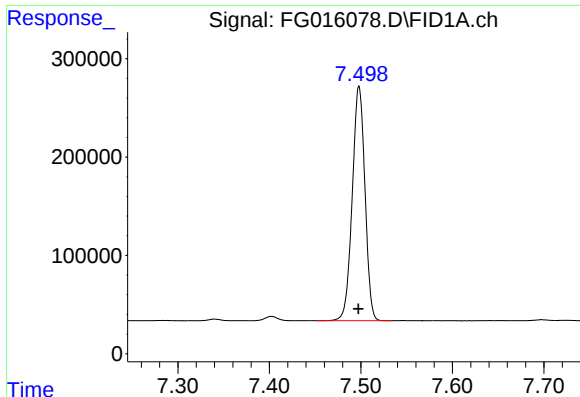
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 2359900
Conc: 19.75 ug/ml



#4 n-Dodecane (C12)

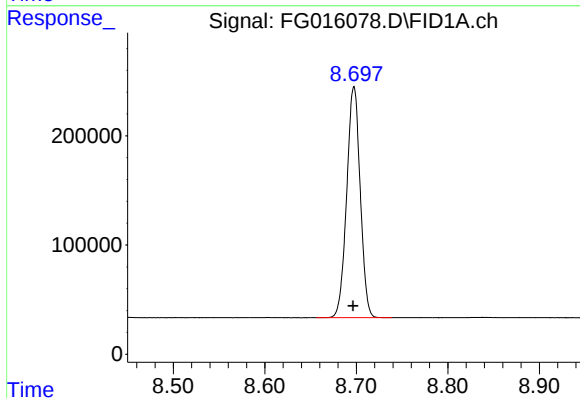
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 2174534
Conc: 19.75 ug/ml



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

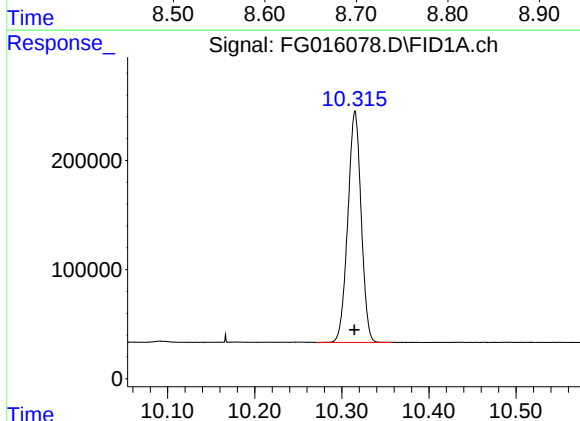
R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 2298635
Conc: 19.76 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



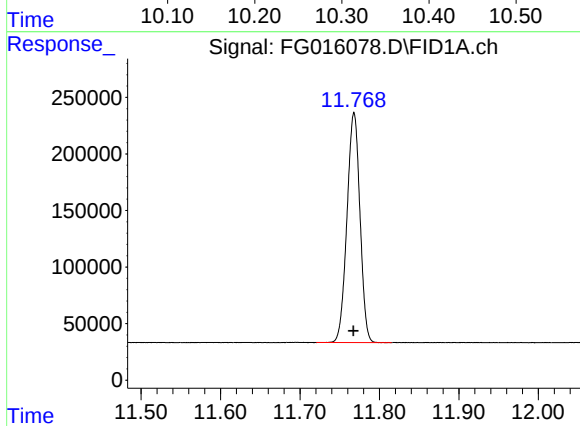
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 2169835
Conc: 19.76 ug/ml



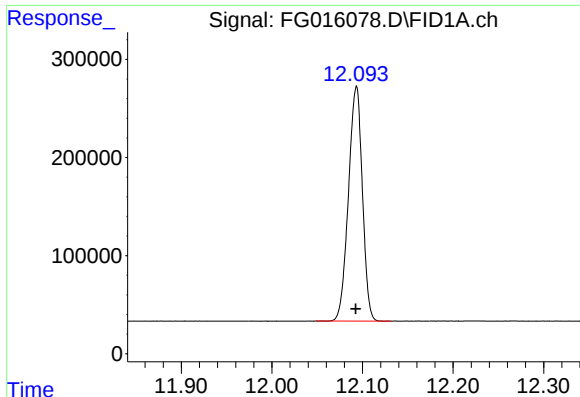
#7 n-Hexadecane (C16)

R.T.: 10.315 min
Delta R.T.: 0.000 min
Response: 2254799
Conc: 19.81 ug/ml



#8 n-Octadecane (C18)

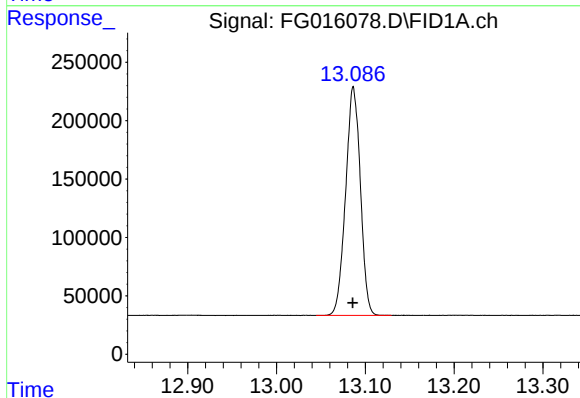
R.T.: 11.768 min
Delta R.T.: 0.000 min
Response: 2308066
Conc: 19.83 ug/ml



#9 ortho-Terphenyl (SURR)

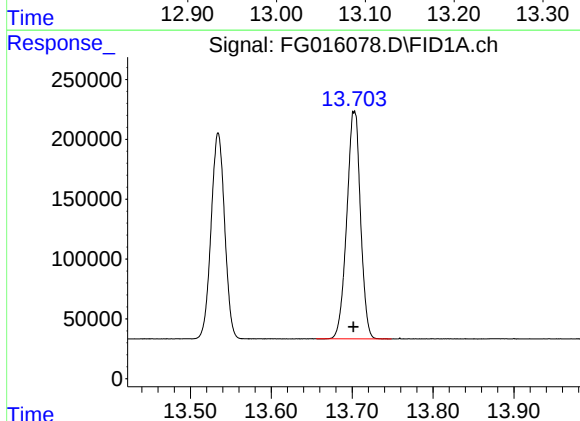
R.T.: 12.093 min
Delta R.T.: 0.000 min
Response: 2555262
Conc: 19.80 ug/ml

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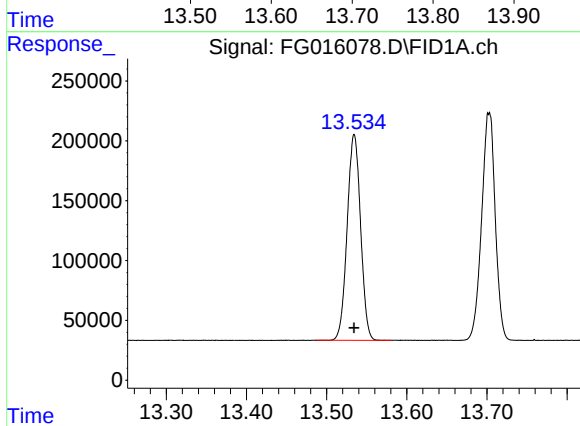
#10 n-Eicosane (C20)

R.T.: 13.086 min
Delta R.T.: 0.000 min
Response: 2259656
Conc: 19.85 ug/ml



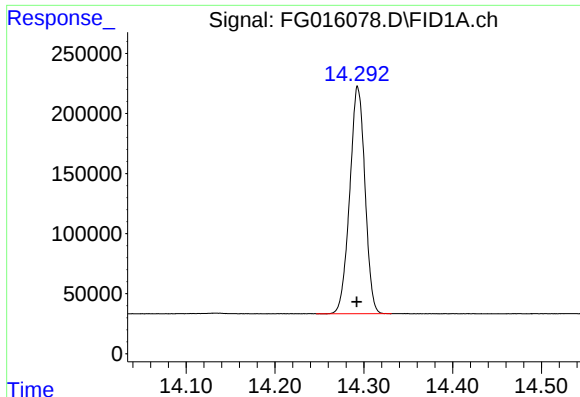
#11 n-Heneicosane (C21)

R.T.: 13.703 min
Delta R.T.: 0.001 min
Response: 2245777
Conc: 19.84 ug/ml



#12 1-chlorooctadecane (SURR)

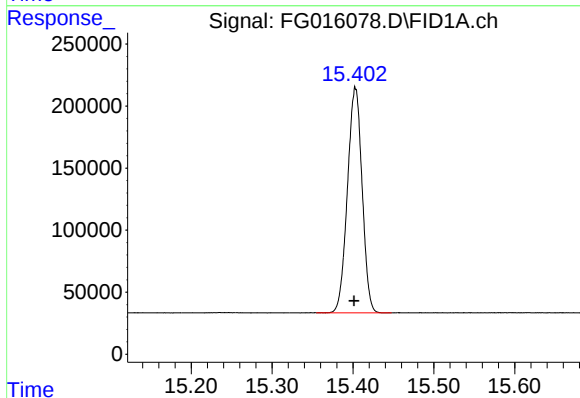
R.T.: 13.534 min
Delta R.T.: 0.000 min
Response: 1999207
Conc: 19.84 ug/ml



#13 n-Docosane (C22)

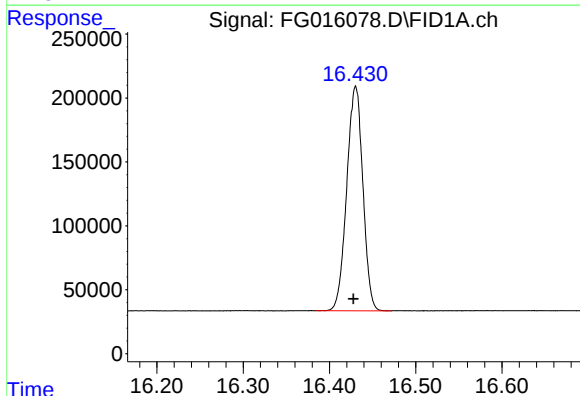
R.T.: 14.293 min
Delta R.T.: 0.001 min
Response: 2254578
Conc: 19.83 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



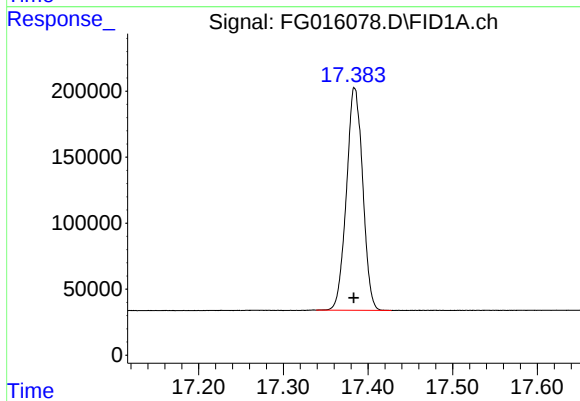
#14 n-Tetracosane (C24)

R.T.: 15.403 min
Delta R.T.: 0.002 min
Response: 2288006
Conc: 19.84 ug/ml



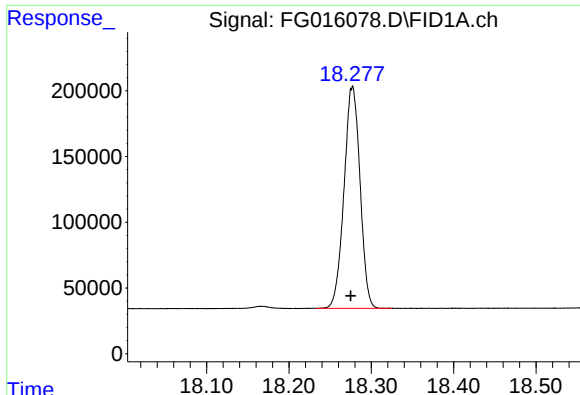
#15 n-Hexacosane (C26)

R.T.: 16.430 min
Delta R.T.: 0.003 min
Response: 2281617
Conc: 19.83 ug/ml



#16 n-Octacosane (C28)

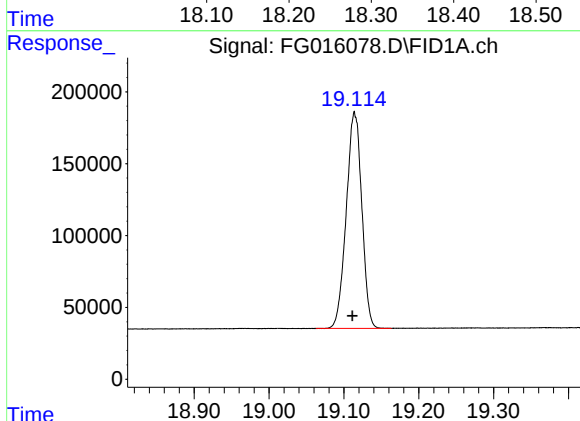
R.T.: 17.384 min
Delta R.T.: 0.000 min
Response: 2251794
Conc: 19.84 ug/ml



#17 n-Tricontane (C30)

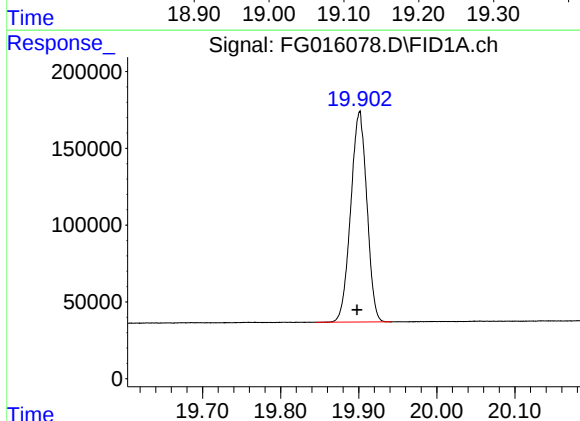
R.T.: 18.277 min
Delta R.T.: 0.002 min
Response: 2281386
Conc: 19.93 ug/ml

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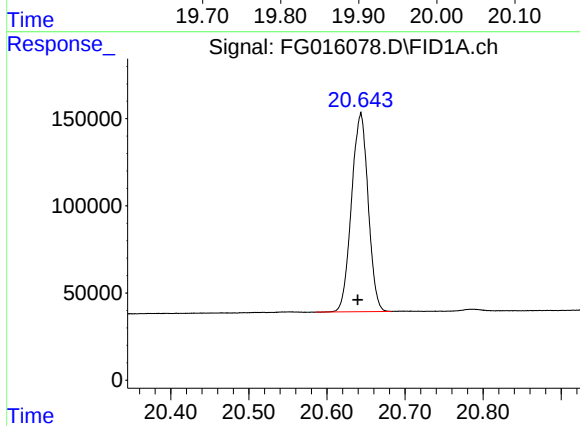
#18 n-Dotriacontane (C32)

R.T.: 19.114 min
Delta R.T.: 0.003 min
Response: 2174285
Conc: 19.94 ug/ml



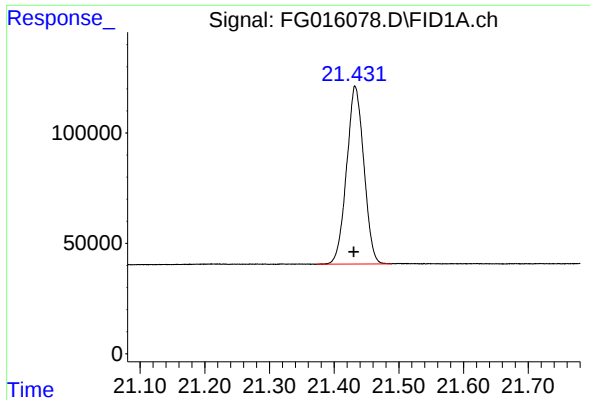
#19 n-Tetratriacontane (C34)

R.T.: 19.901 min
Delta R.T.: 0.003 min
Response: 1967136
Conc: 19.88 ug/ml



#20 n-Hexatriacontane (C36)

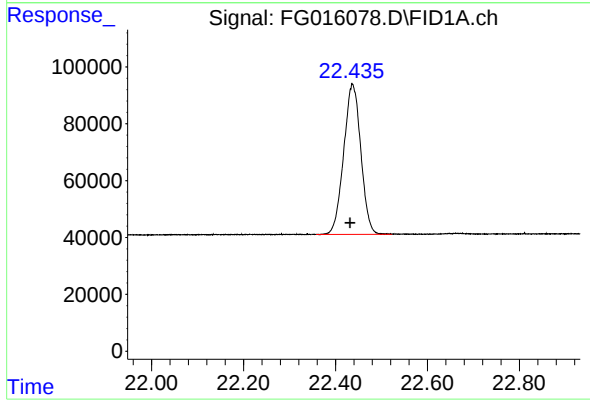
R.T.: 20.643 min
Delta R.T.: 0.004 min
Response: 1684091
Conc: 19.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.432 min
Delta R.T.: 0.002 min
Response: 1490503
Conc: 19.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.437 min
Delta R.T.: 0.005 min
Response: 1364977
Conc: 19.74 ug/ml