

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100225AL\
 Data File : FG016749.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2025 21:56
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 03 03:04:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 03:03:56 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)	12.060	15497245	106.608 ug/ml
Spiked Amount 50.000		Recovery =	213.22%
12) S 1-chlorooctadecane (S...	13.502	12183783	107.036 ug/ml
Spiked Amount 50.000		Recovery =	214.07%
Target Compounds			
1) T n-Nonane (C9)	3.378	12318889	105.688 ug/ml
2) T n-Decane (C10)	4.639	12606882	106.112 ug/ml
3) T A~Naphthalene (C11.7)	6.357	13820644	110.118 ug/ml
4) T n-Dodecane (C12)	6.820	12865657	107.061 ug/ml
5) T A~2-methylnaphthalene...	7.461	13467433	114.140 ug/ml
6) T n-Tetradecane (C14)	8.660	12982842	108.912 ug/ml
7) T n-Hexadecane (C16)	10.280	13631815	108.571 ug/ml
8) T n-Octadecane (C18)	11.736	14092623	107.185 ug/ml
10) T n-Eicosane (C20)	13.053	13862771	106.451 ug/ml
11) T n-Heneicosane (C21)	13.669	13778702	106.532 ug/ml
13) T n-Docosane (C22)	14.260	13829295	106.442 ug/ml
14) T n-Tetracosane (C24)	15.370	13951403	106.074 ug/ml
15) T n-Hexacosane (C26)	16.398	13791818	105.695 ug/ml
16) T n-Octacosane (C28)	17.354	13469979	106.067 ug/ml
17) T n-Tricontane (C30)	18.248	13413674	106.369 ug/ml
18) T n-Dotriacontane (C32)	19.084	12608843	106.453 ug/ml
19) T n-Tetratriacontane (C34)	19.870	11247958	105.945 ug/ml
20) T n-Hexatriacontane (C36)	20.614	9578360	105.536 ug/ml
21) T n-Octatriacontane (C38)	21.390	8585121	105.160 ug/ml
22) T n-Tetracontane (C40)	22.380	8090520	107.815 ug/ml

(f)=RT Delta > 1/2 Window

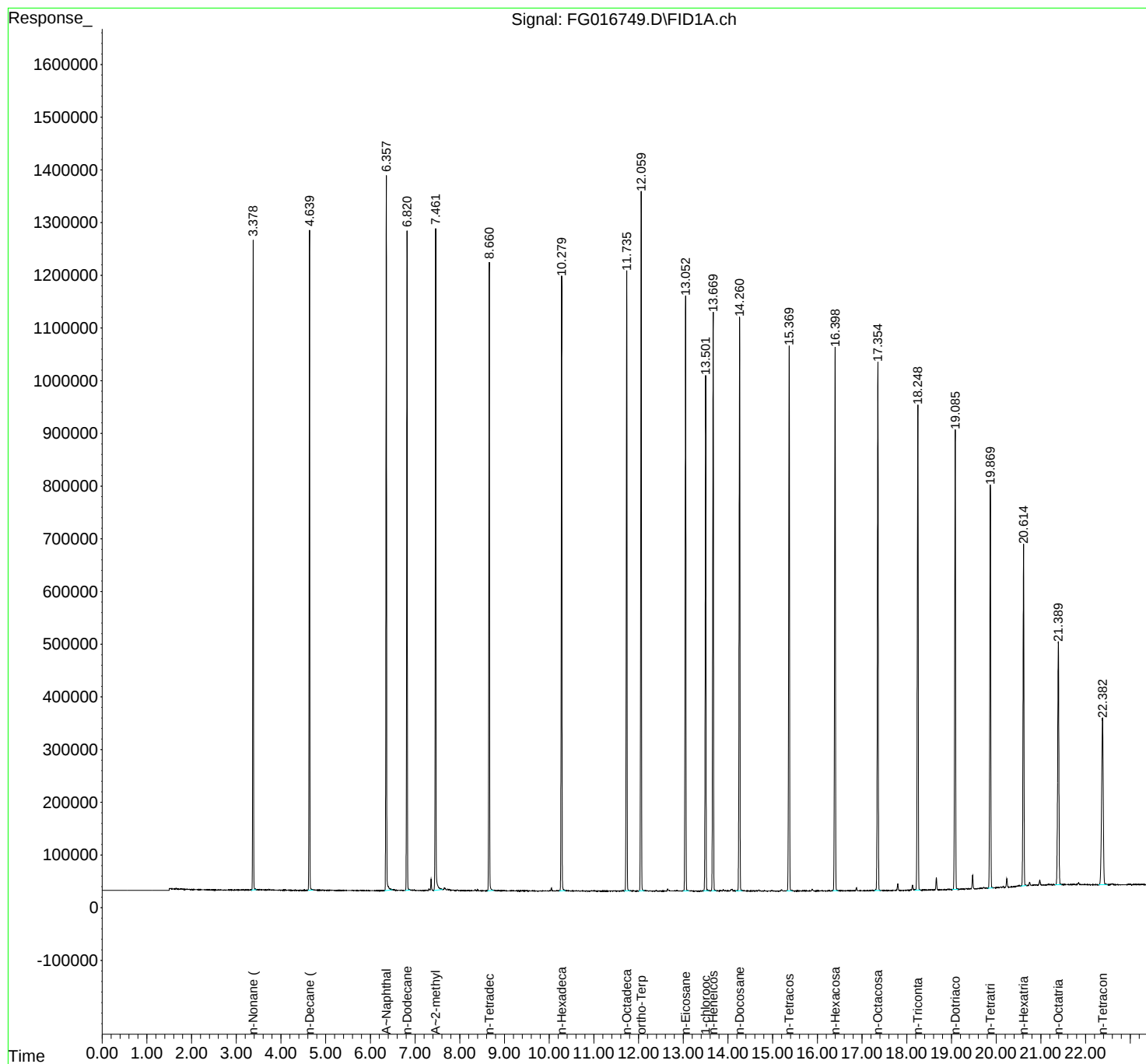
(m)=manual int.

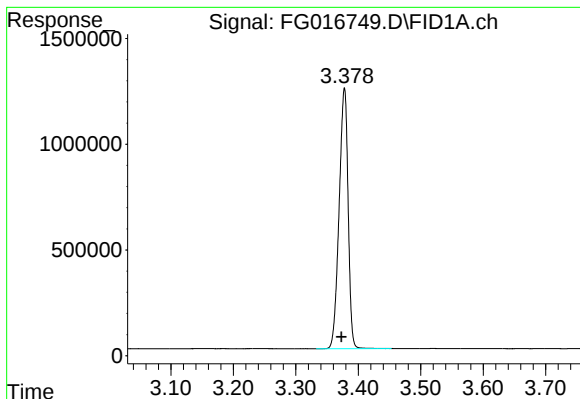
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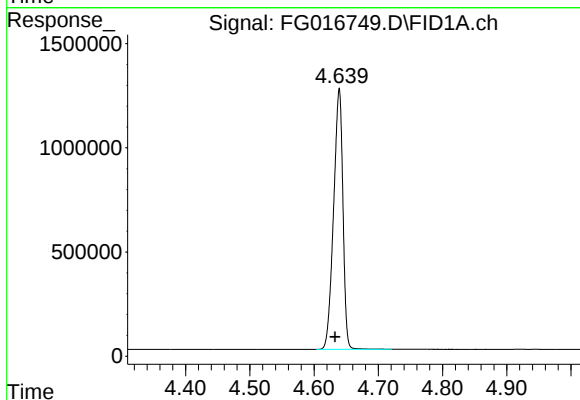




#1 n-Nonane (C9)

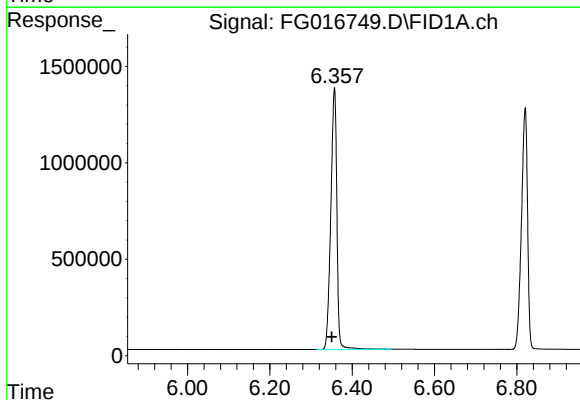
R.T.: 3.378 min
Delta R.T.: 0.005 min
Response: 12318889
Conc: 105.69 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



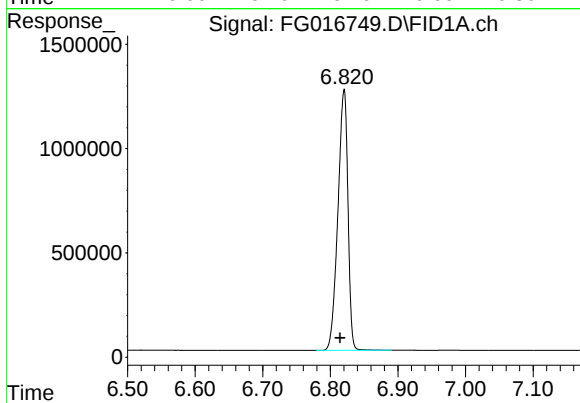
#2 n-Decane (C10)

R.T.: 4.639 min
Delta R.T.: 0.006 min
Response: 12606882
Conc: 106.11 ug/ml



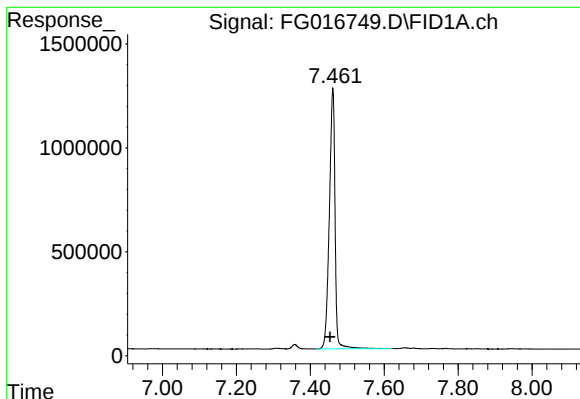
#3 A~Naphthalene (C11.7)

R.T.: 6.357 min
Delta R.T.: 0.006 min
Response: 13820644
Conc: 110.12 ug/ml



#4 n-Dodecane (C12)

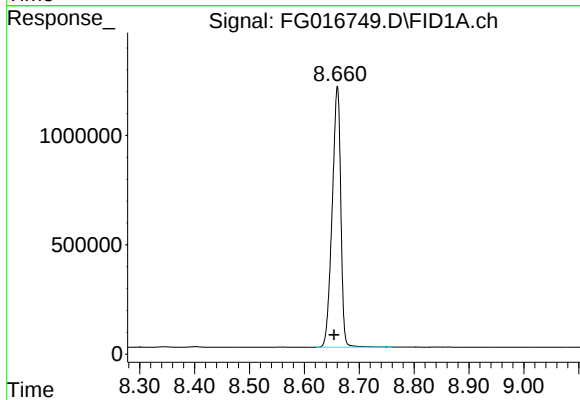
R.T.: 6.820 min
Delta R.T.: 0.006 min
Response: 12865657
Conc: 107.06 ug/ml



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

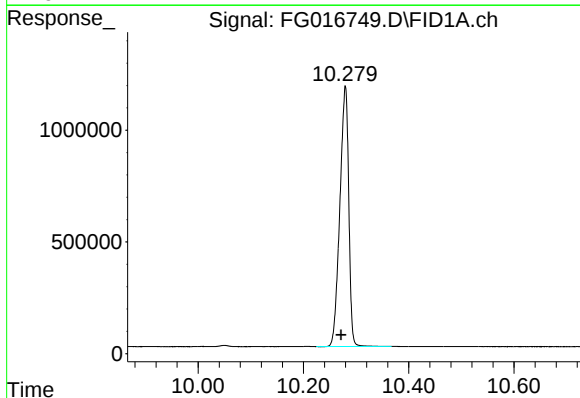
R.T.: 7.461 min
Delta R.T.: 0.007 min
Response: 13467433
Conc: 114.14 ug/ml

Instrument :
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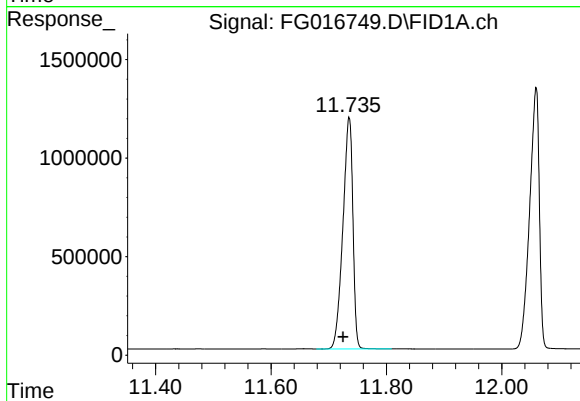
#6 n-Tetradecane (C14)

R.T.: 8.660 min
Delta R.T.: 0.006 min
Response: 12982842
Conc: 108.91 ug/ml



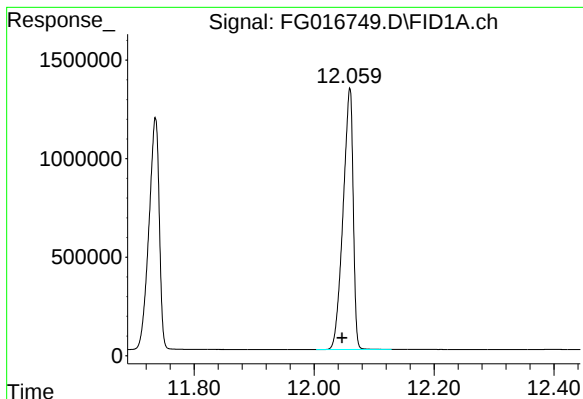
#7 n-Hexadecane (C16)

R.T.: 10.280 min
Delta R.T.: 0.008 min
Response: 13631815
Conc: 108.57 ug/ml



#8 n-Octadecane (C18)

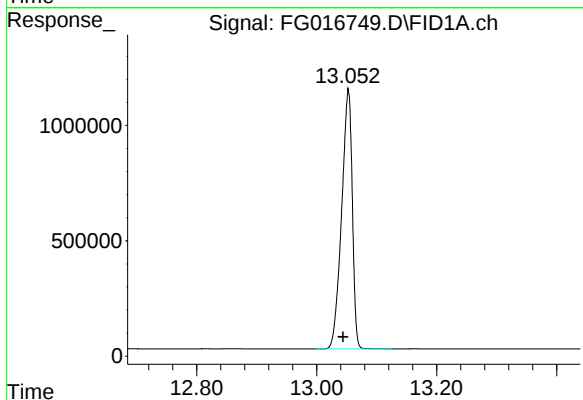
R.T.: 11.736 min
Delta R.T.: 0.011 min
Response: 14092623
Conc: 107.18 ug/ml



#9 ortho-Terphenyl (SURR)

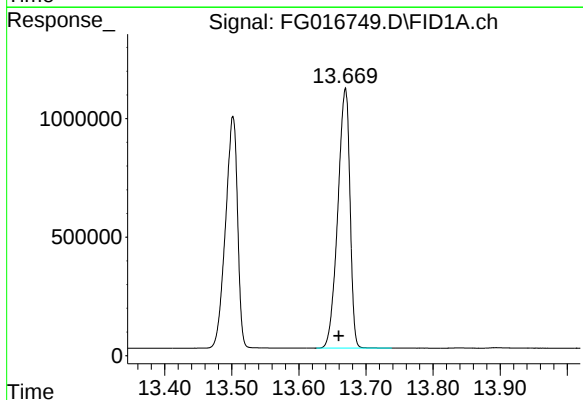
R.T.: 12.060 min
Delta R.T.: 0.013 min
Response: 15497245
Conc: 106.61 ug/ml

Instrument :
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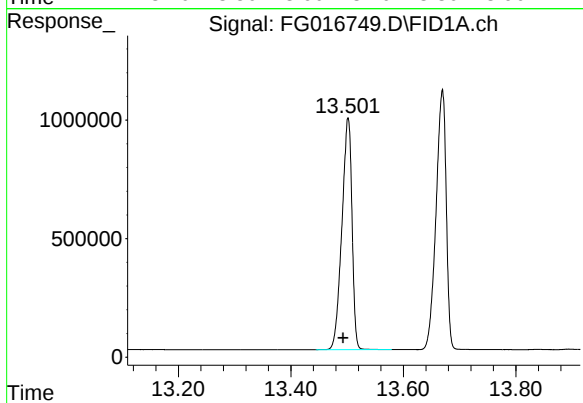
#10 n-Eicosane (C20)

R.T.: 13.053 min
Delta R.T.: 0.009 min
Response: 13862771
Conc: 106.45 ug/ml



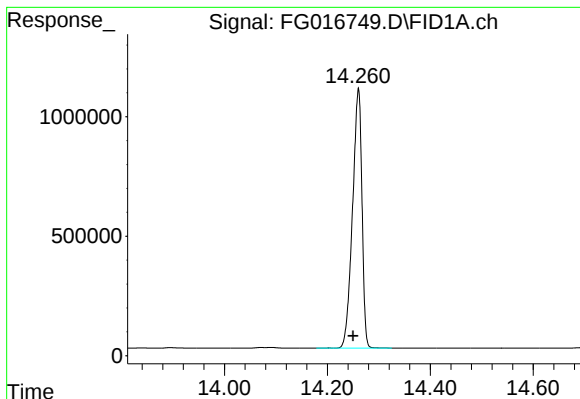
#11 n-Heneicosane (C21)

R.T.: 13.669 min
Delta R.T.: 0.010 min
Response: 13778702
Conc: 106.53 ug/ml



#12 1-chlorooctadecane (SURR)

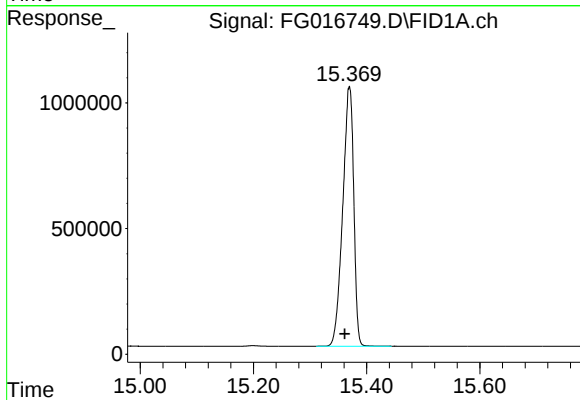
R.T.: 13.502 min
Delta R.T.: 0.009 min
Response: 12183783
Conc: 107.04 ug/ml



#13 n-Docosane (C22)

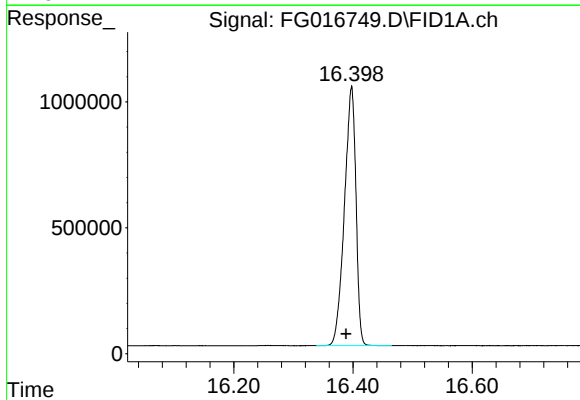
R.T.: 14.260 min
Delta R.T.: 0.010 min
Response: 13829295
Conc: 106.44 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



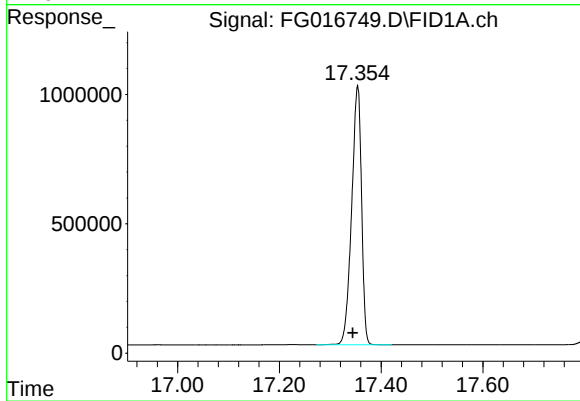
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: 0.008 min
Response: 13951403
Conc: 106.07 ug/ml



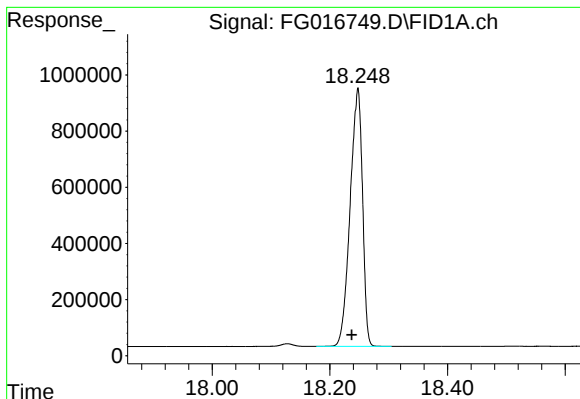
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: 0.009 min
Response: 13791818
Conc: 105.70 ug/ml



#16 n-Octacosane (C28)

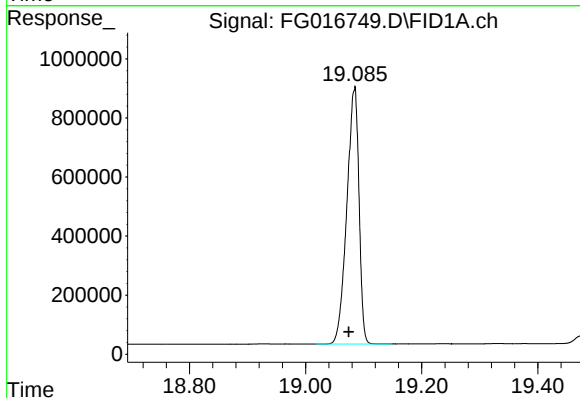
R.T.: 17.354 min
Delta R.T.: 0.010 min
Response: 13469979
Conc: 106.07 ug/ml



#17 n-Tricontane (C30)

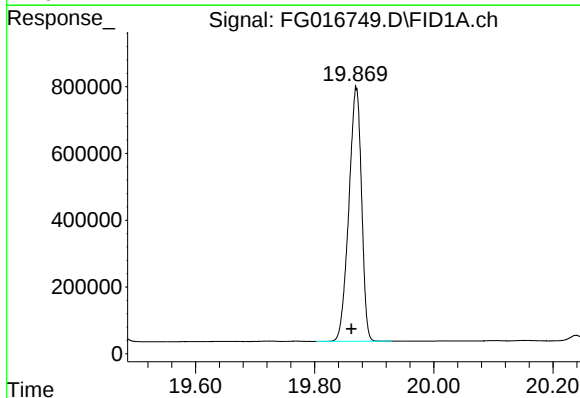
R.T.: 18.248 min
Delta R.T.: 0.011 min
Response: 13413674
Conc: 106.37 ug/ml

Instrument :
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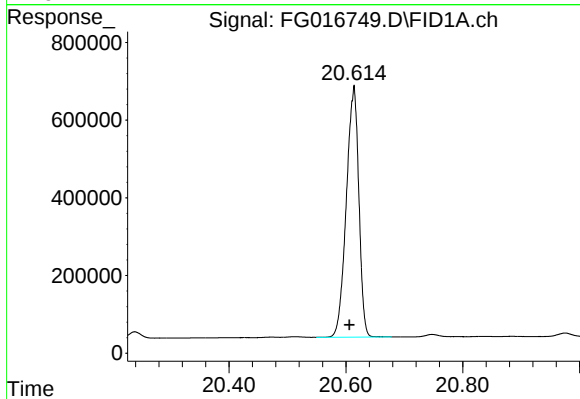
#18 n-Dotriacontane (C32)

R.T.: 19.084 min
Delta R.T.: 0.010 min
Response: 12608843
Conc: 106.45 ug/ml



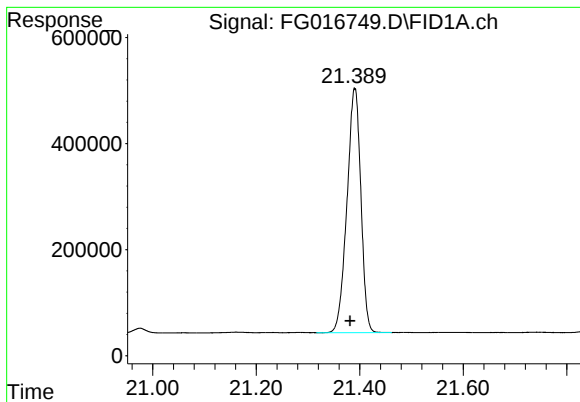
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: 0.008 min
Response: 11247958
Conc: 105.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.614 min
Delta R.T.: 0.008 min
Response: 9578360
Conc: 105.54 ug/ml



#21 n-Octatriacontane (C38)

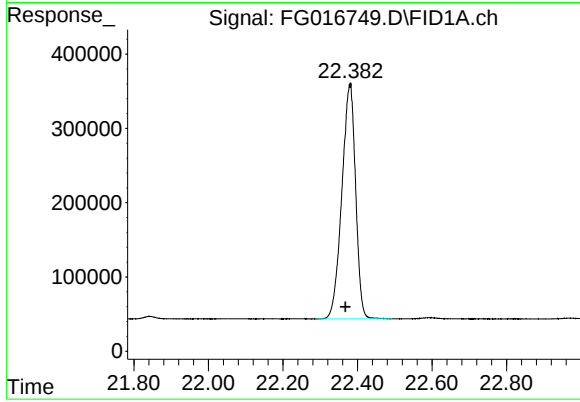
R.T.: 21.390 min
Delta R.T.: 0.009 min
Response: 8585121
Conc: 105.16 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.380 min
Delta R.T.: 0.013 min
Response: 8090520
Conc: 107.82 ug/ml