

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AL\
 Data File : FG017021.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 21:12
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Dec 01 08:45:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:45:04 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)	12.039	14831085	90.941 ug/ml
Spiked Amount 50.000		Recovery =	181.88%
12) S 1-chlorooctadecane (S...	13.481	11431245	92.505 ug/ml
Spiked Amount 50.000		Recovery =	185.01%
Target Compounds			
1) T n-Nonane (C9)	3.360	12107458	93.640 ug/ml
2) T n-Decane (C10)	4.621	12370947	93.024 ug/ml
3) T A~Naphthalene (C11.7)	6.339	13403080	98.393 ug/ml
4) T n-Dodecane (C12)	6.803	12592840	93.038 ug/ml
5) T A~2-methylnaphthalene...	7.443	12885271	102.228 ug/ml
6) T n-Tetradecane (C14)	8.642	12575830	93.999 ug/ml
7) T n-Hexadecane (C16)	10.260	13138651	94.385 ug/ml
8) T n-Octadecane (C18)	11.716	13507809	92.763 ug/ml
10) T n-Eicosane (C20)	13.033	13175761	91.182 ug/ml
11) T n-Heneicosane (C21)	13.650	12990824	90.683 ug/ml
13) T n-Docosane (C22)	14.240	12939840	91.084 ug/ml
14) T n-Tetracosane (C24)	15.350	12796951	90.669 ug/ml
15) T n-Hexacosane (C26)	16.378	12378127	89.757 ug/ml
16) T n-Octacosane (C28)	17.334	11906399	86.252 ug/ml
17) T n-Tricontane (C30)	18.227	11742417	78.792 ug/ml
18) T n-Dotriacontane (C32)	19.064	11071384	73.351 ug/ml
19) T n-Tetratriacontane (C34)	19.852	10017890	74.189 ug/ml
20) T n-Hexatriacontane (C36)	20.595	8724039	79.232 ug/ml
21) T n-Octatriacontane (C38)	21.370	7969490	83.255 ug/ml
22) T n-Tetracontane (C40)	22.348	7537252	87.929 ug/ml

(f)=RT Delta > 1/2 Window

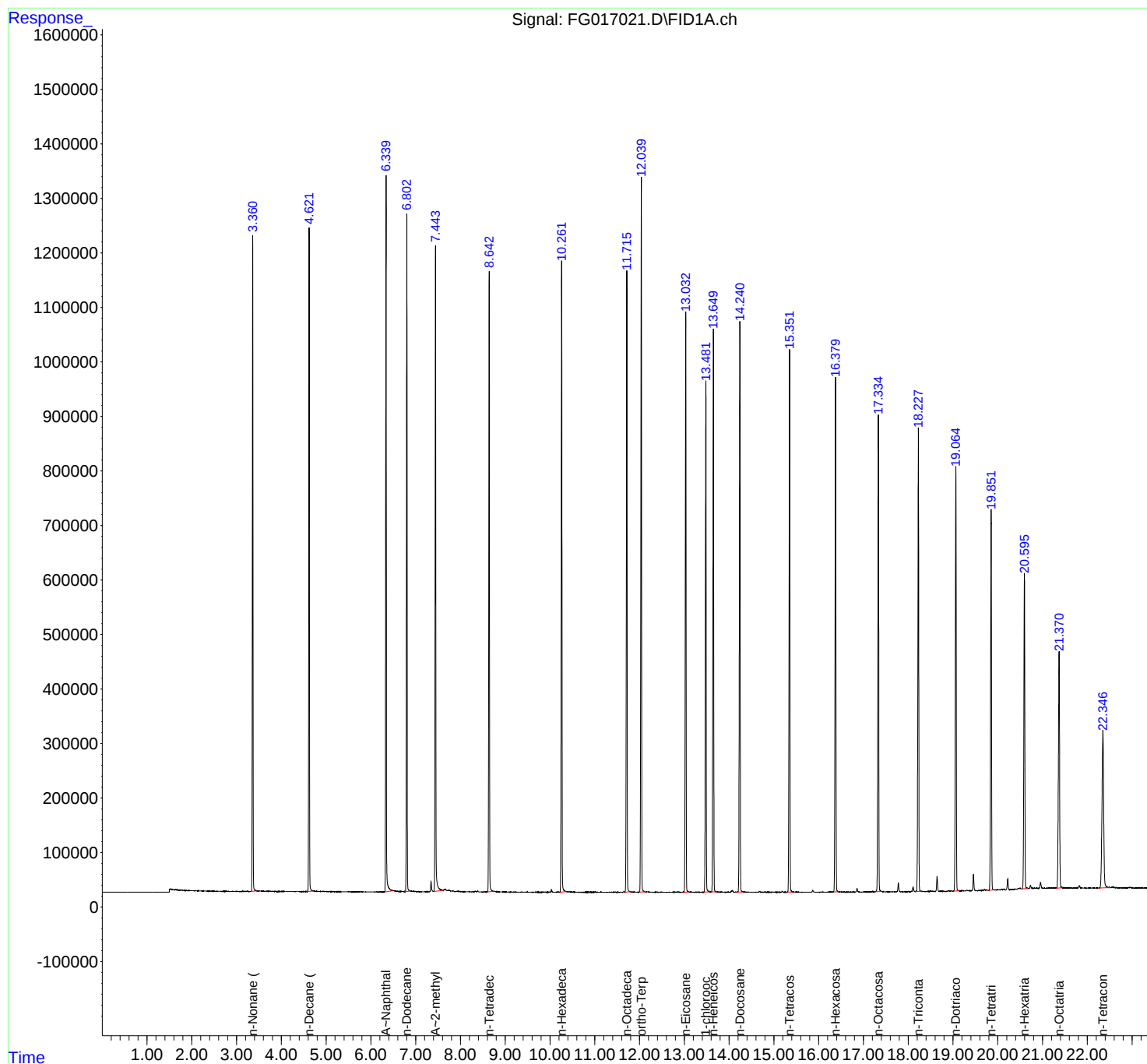
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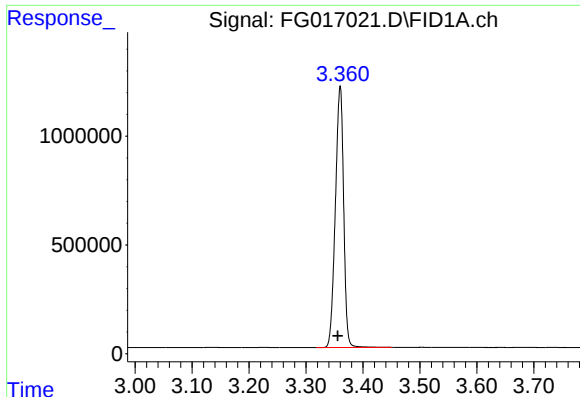
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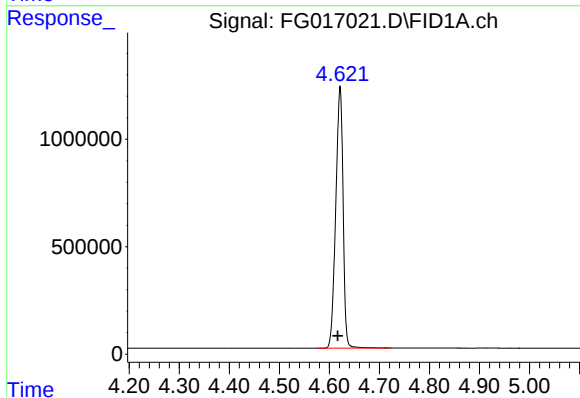




#1 n-Nonane (C9)

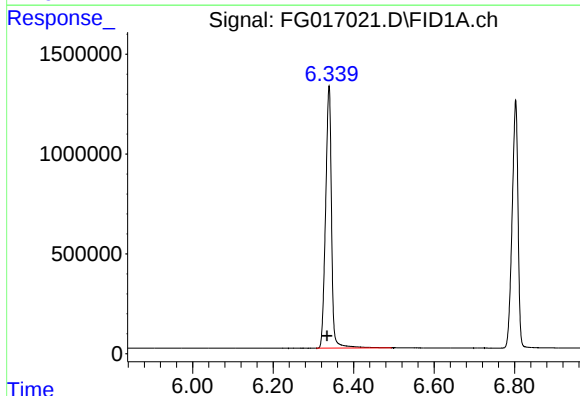
R.T.: 3.360 min
Delta R.T.: 0.004 min
Response: 12107458
Conc: 93.64 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



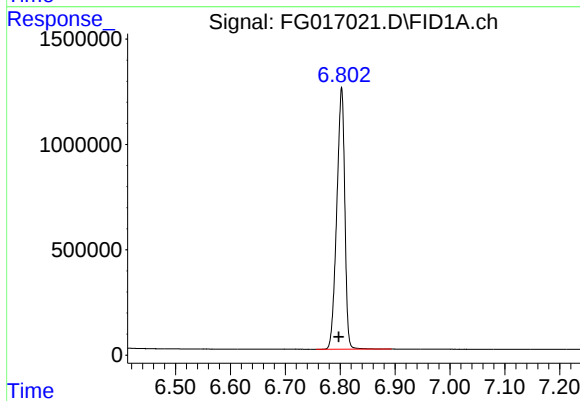
#2 n-Decane (C10)

R.T.: 4.621 min
Delta R.T.: 0.005 min
Response: 12370947
Conc: 93.02 ug/ml



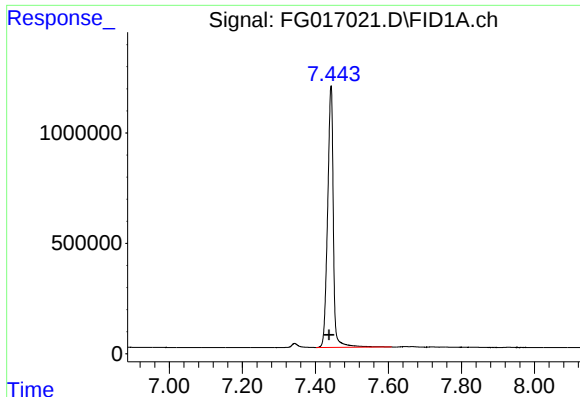
#3 A~Naphthalene (C11.7)

R.T.: 6.339 min
Delta R.T.: 0.004 min
Response: 13403080
Conc: 98.39 ug/ml



#4 n-Dodecane (C12)

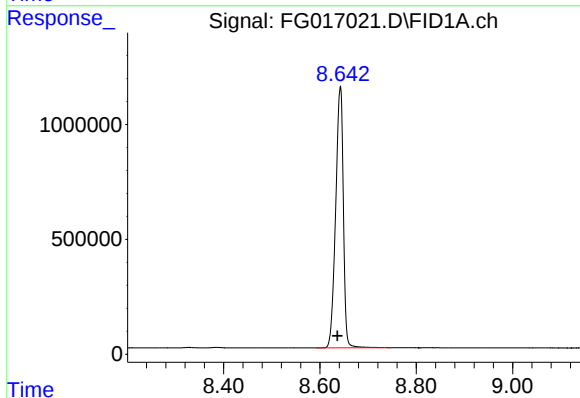
R.T.: 6.803 min
Delta R.T.: 0.005 min
Response: 12592840
Conc: 93.04 ug/ml



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

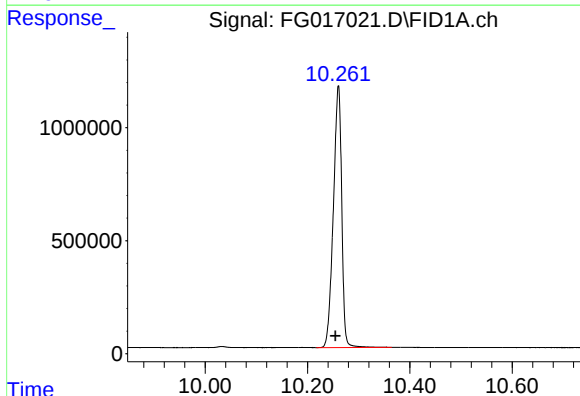
R.T.: 7.443 min
Delta R.T.: 0.006 min
Response: 12885271
Conc: 102.23 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



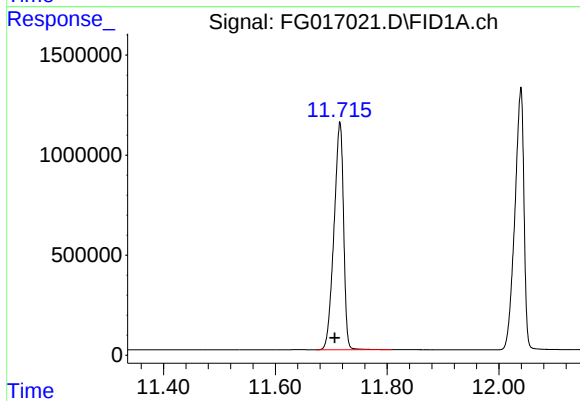
#6 n-Tetradecane (C14)

R.T.: 8.642 min
Delta R.T.: 0.006 min
Response: 12575830
Conc: 94.00 ug/ml



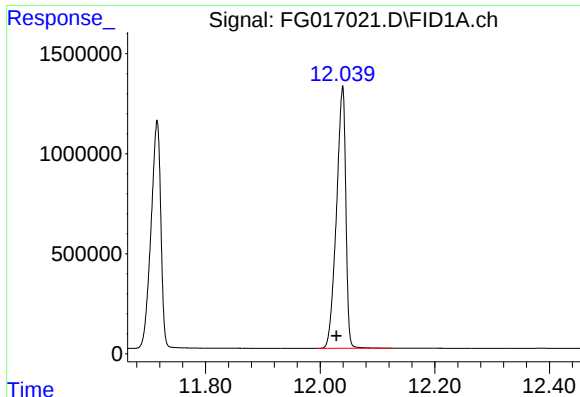
#7 n-Hexadecane (C16)

R.T.: 10.260 min
Delta R.T.: 0.006 min
Response: 13138651
Conc: 94.38 ug/ml



#8 n-Octadecane (C18)

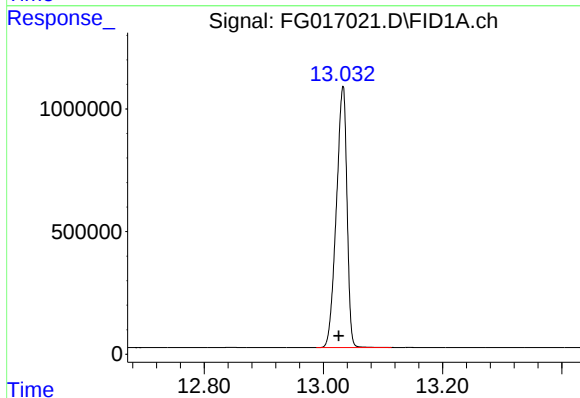
R.T.: 11.716 min
Delta R.T.: 0.009 min
Response: 13507809
Conc: 92.76 ug/ml



#9 ortho-Terphenyl (SURR)

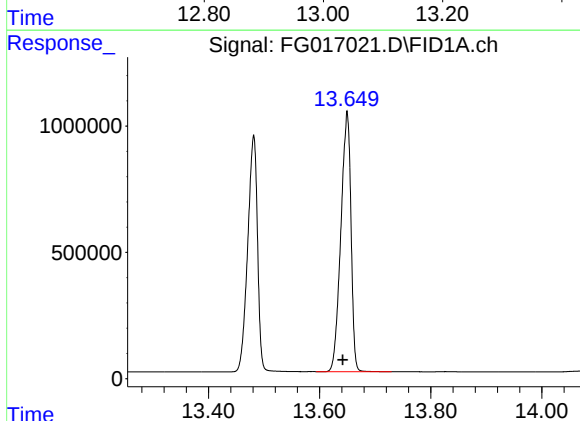
R.T.: 12.039 min
Delta R.T.: 0.011 min
Response: 14831085
Conc: 90.94 ug/ml

Instrument :
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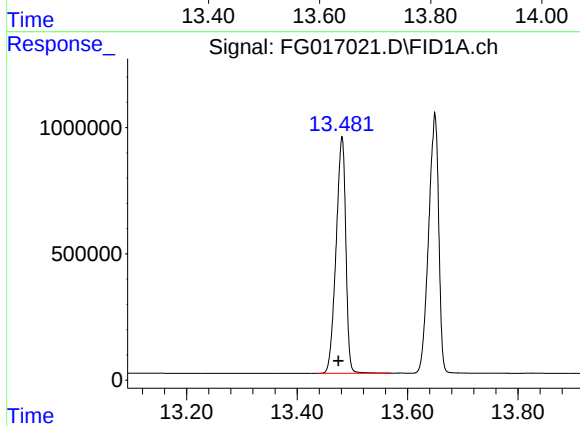
#10 n-Eicosane (C20)

R.T.: 13.033 min
Delta R.T.: 0.007 min
Response: 13175761
Conc: 91.18 ug/ml



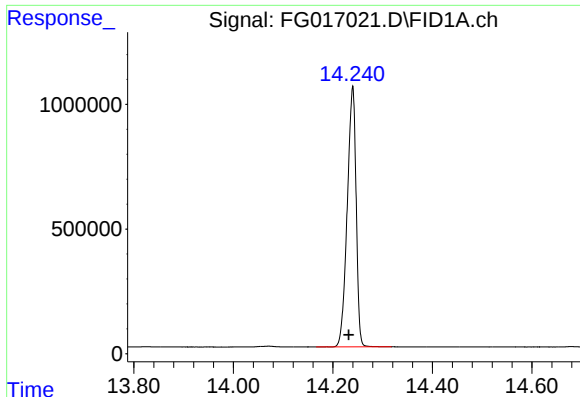
#11 n-Heneicosane (C21)

R.T.: 13.650 min
Delta R.T.: 0.008 min
Response: 12990824
Conc: 90.68 ug/ml



#12 1-chlorooctadecane (SURR)

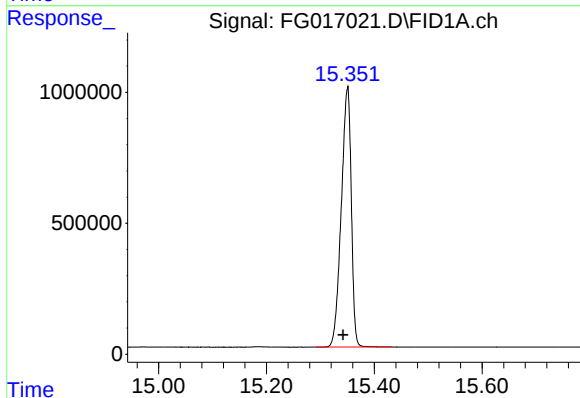
R.T.: 13.481 min
Delta R.T.: 0.007 min
Response: 11431245
Conc: 92.50 ug/ml



#13 n-Docosane (C22)

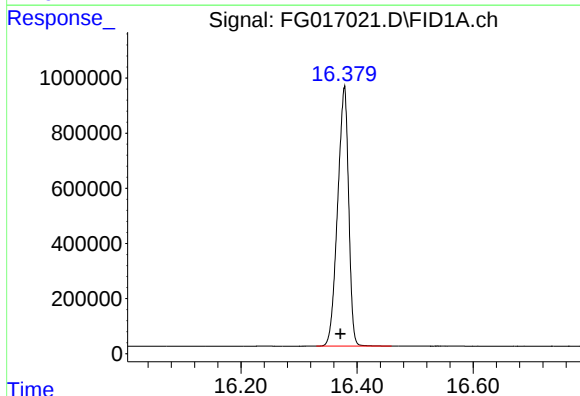
R.T.: 14.240 min
Delta R.T.: 0.008 min
Response: 12939840
Conc: 91.08 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



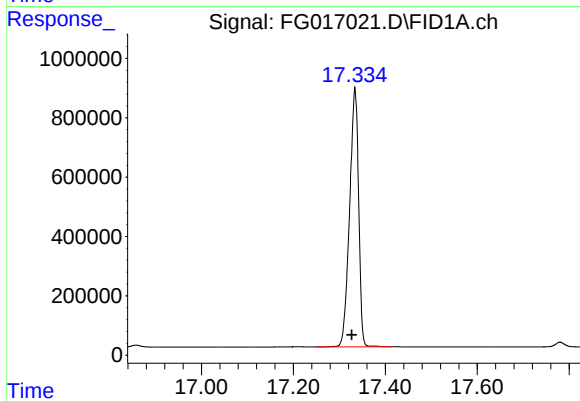
#14 n-Tetracosane (C24)

R.T.: 15.350 min
Delta R.T.: 0.008 min
Response: 12796951
Conc: 90.67 ug/ml



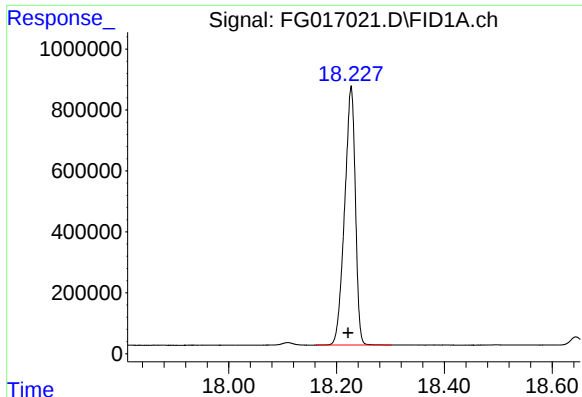
#15 n-Hexacosane (C26)

R.T.: 16.378 min
Delta R.T.: 0.007 min
Response: 12378127
Conc: 89.76 ug/ml



#16 n-Octacosane (C28)

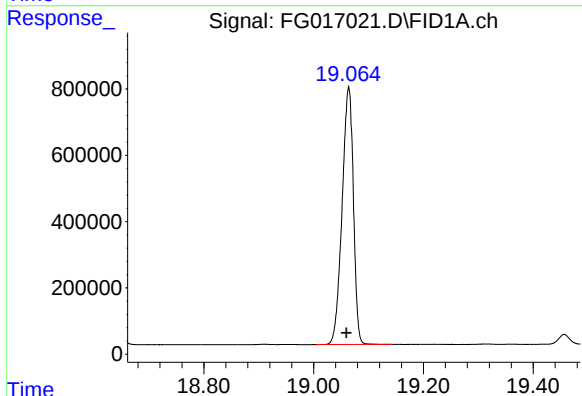
R.T.: 17.334 min
Delta R.T.: 0.007 min
Response: 11906399
Conc: 86.25 ug/ml



#17 n-Tricontane (C30)

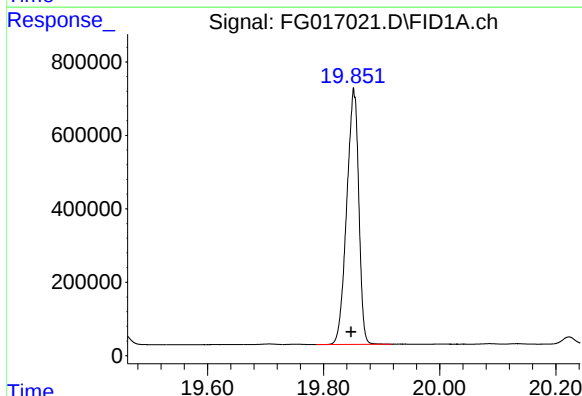
R.T.: 18.227 min
Delta R.T.: 0.005 min
Response: 11742417
Conc: 78.79 ug/ml

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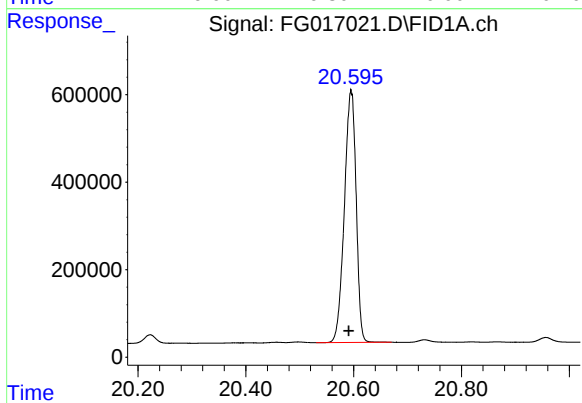
#18 n-Dotriacontane (C32)

R.T.: 19.064 min
Delta R.T.: 0.004 min
Response: 11071384
Conc: 73.35 ug/ml



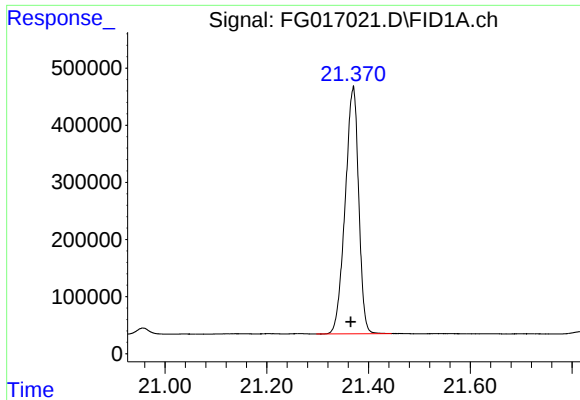
#19 n-Tetratriacontane (C34)

R.T.: 19.852 min
Delta R.T.: 0.005 min
Response: 10017890
Conc: 74.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.595 min
Delta R.T.: 0.005 min
Response: 8724039
Conc: 79.23 ug/ml



#21 n-Octatriacontane (C38)

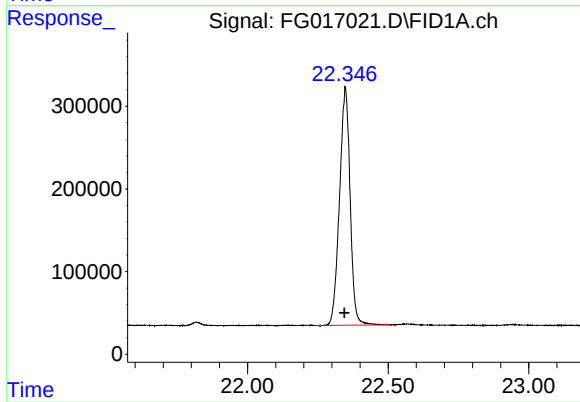
R.T.: 21.370 min
Delta R.T.: 0.005 min
Response: 7969490
Conc: 83.25 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.348 min
Delta R.T.: 0.004 min
Response: 7537252
Conc: 87.93 ug/ml