

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121625AL\
 Data File : FG017180.D
 Signal(s) : FID1A.ch
 Acq On : 16 Dec 2025 19:01
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Dec 17 04:39:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121625.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 17 04:37:43 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)	12.044	14045753	94.896 ug/ml
Spiked Amount 50.000		Recovery =	189.79%
12) S 1-chlorooctadecane (S...	13.487	10949335	96.454 ug/ml
Spiked Amount 50.000		Recovery =	192.91%
Target Compounds			
1) T n-Nonane (C9)	3.362	10692385	95.669 ug/ml
2) T n-Decane (C10)	4.623	10787734	95.468 ug/ml
3) T A~Naphthalene (C11.7)	6.343	11831948	99.003 ug/ml
4) T n-Dodecane (C12)	6.804	10908477	95.358 ug/ml
5) T A~2-methylnaphthalene...	7.448	11837880	100.937 ug/ml
6) T n-Tetradecane (C14)	8.644	10834950	95.807 ug/ml
7) T n-Hexadecane (C16)	10.263	11066175	95.969 ug/ml
8) T n-Octadecane (C18)	11.718	11367146	95.675 ug/ml
10) T n-Eicosane (C20)	13.037	11539484	95.364 ug/ml
11) T n-Heneicosane (C21)	13.654	11629763	95.505 ug/ml
13) T n-Docosane (C22)	14.245	11698247	95.560 ug/ml
14) T n-Tetracosane (C24)	15.357	11842989	95.752 ug/ml
15) T n-Hexacosane (C26)	16.385	11867372	95.186 ug/ml
16) T n-Octacosane (C28)	17.341	11736089	93.281 ug/ml
17) T n-Tricontane (C30)	18.236	11590436	90.836 ug/ml
18) T n-Dotriacontane (C32)	19.073	11071370	90.203 ug/ml
19) T n-Tetratriacontane (C34)	19.861	10134830	89.648 ug/ml
20) T n-Hexatriacontane (C36)	20.605	9669298	91.963 ug/ml
21) T n-Octatriacontane (C38)	21.384	9296403	94.651 ug/ml
22) T n-Tetracontane (C40)	22.371	8962238	95.371 ug/ml

(f)=RT Delta > 1/2 Window

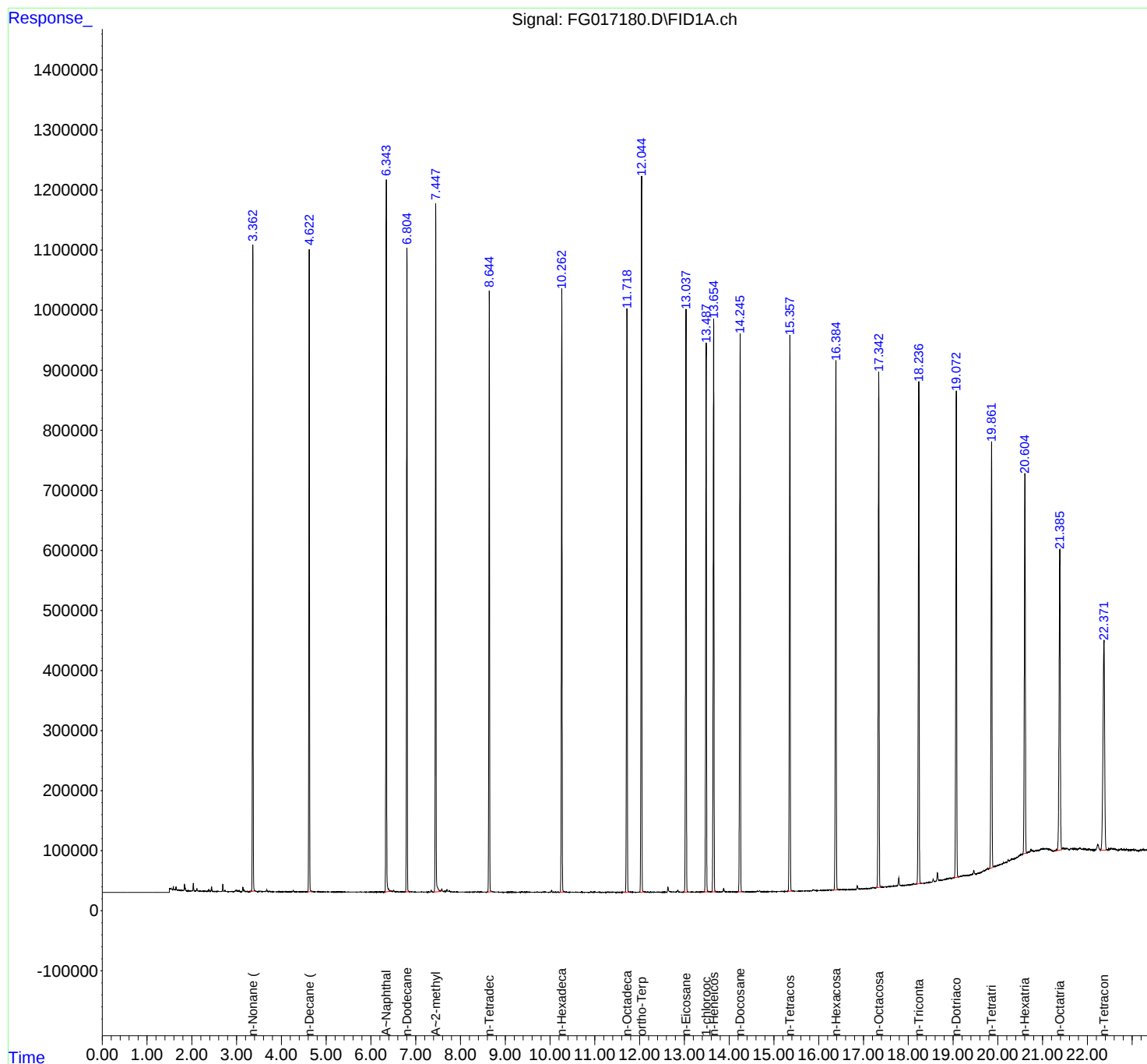
(m)=manual int.

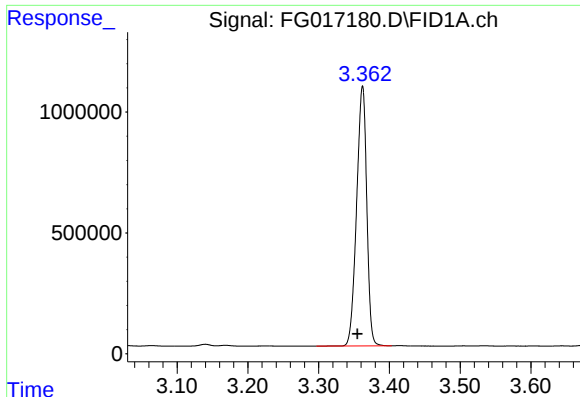
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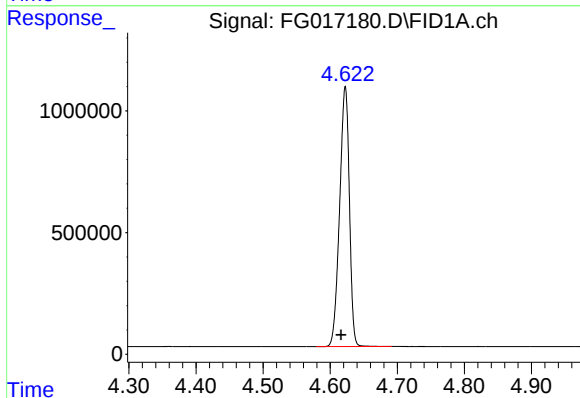




#1 n-Nonane (C9)

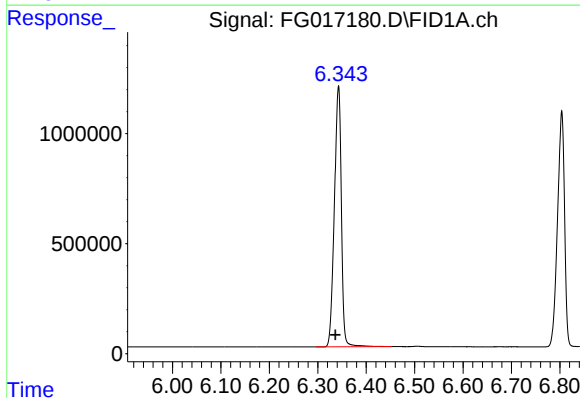
R.T.: 3.362 min
Delta R.T.: 0.007 min
Response: 10692385
Conc: 95.67 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



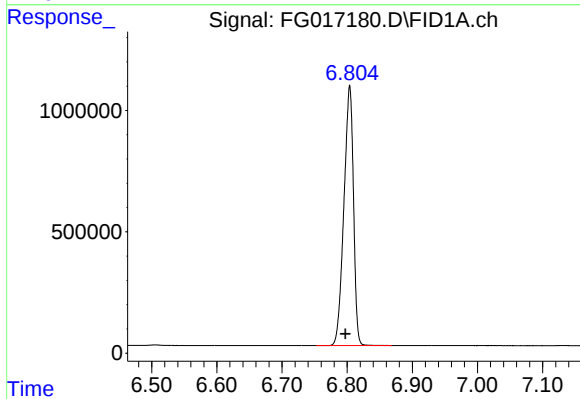
#2 n-Decane (C10)

R.T.: 4.623 min
Delta R.T.: 0.006 min
Response: 10787734
Conc: 95.47 ug/ml



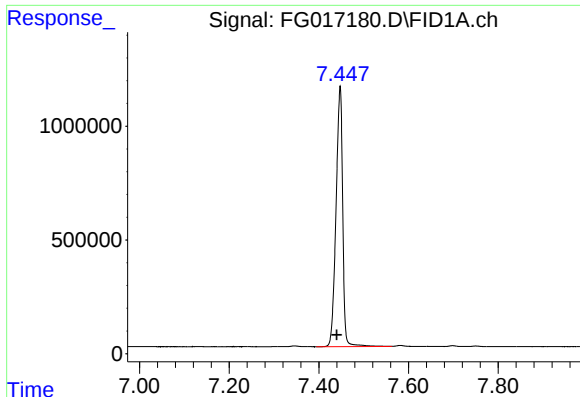
#3 A~Naphthalene (C11.7)

R.T.: 6.343 min
Delta R.T.: 0.007 min
Response: 11831948
Conc: 99.00 ug/ml



#4 n-Dodecane (C12)

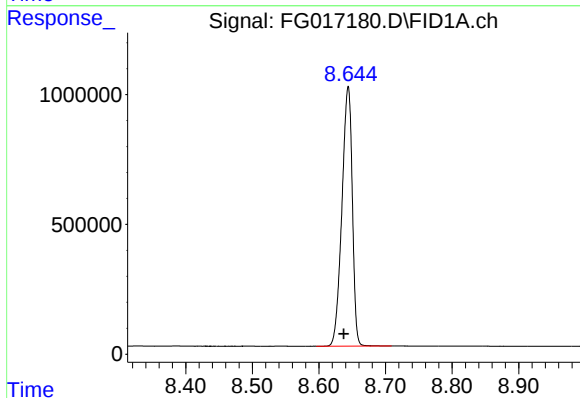
R.T.: 6.804 min
Delta R.T.: 0.007 min
Response: 10908477
Conc: 95.36 ug/ml



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

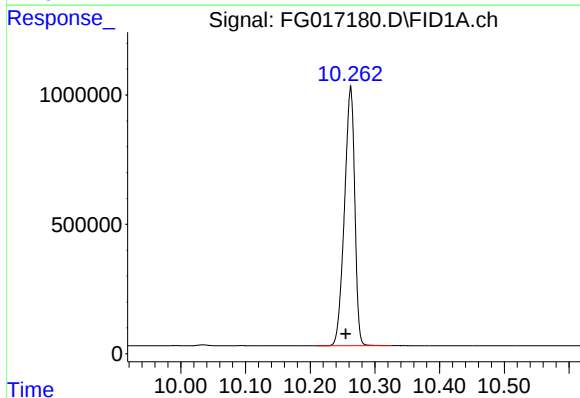
R.T.: 7.448 min
Delta R.T.: 0.008 min
Response: 11837880
Conc: 100.94 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



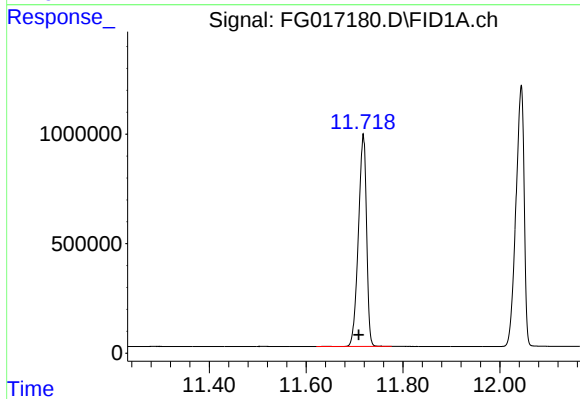
#6 n-Tetradecane (C14)

R.T.: 8.644 min
Delta R.T.: 0.007 min
Response: 10834950
Conc: 95.81 ug/ml



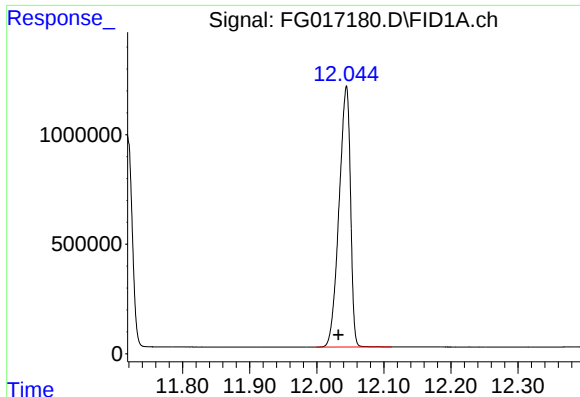
#7 n-Hexadecane (C16)

R.T.: 10.263 min
Delta R.T.: 0.008 min
Response: 11066175
Conc: 95.97 ug/ml



#8 n-Octadecane (C18)

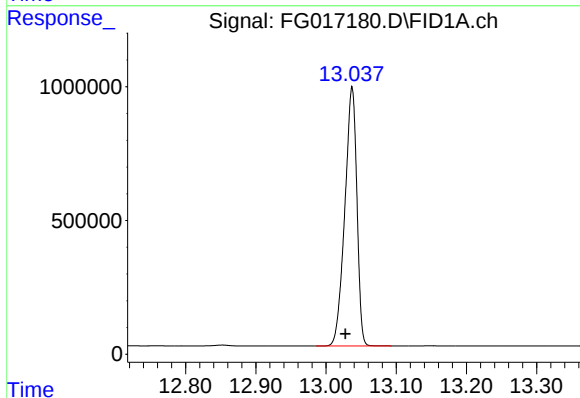
R.T.: 11.718 min
Delta R.T.: 0.010 min
Response: 11367146
Conc: 95.68 ug/ml



#9 ortho-Terphenyl (SURR)

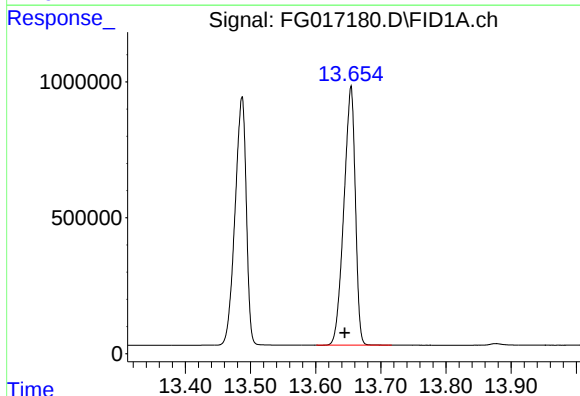
R.T.: 12.044 min
Delta R.T.: 0.012 min
Response: 14045753
Conc: 94.90 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



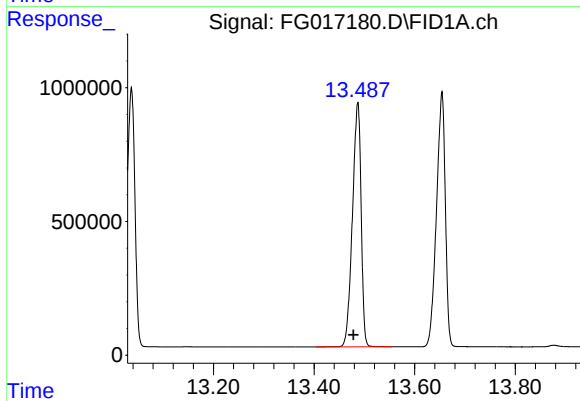
#10 n-Eicosane (C20)

R.T.: 13.037 min
Delta R.T.: 0.009 min
Response: 11539484
Conc: 95.36 ug/ml



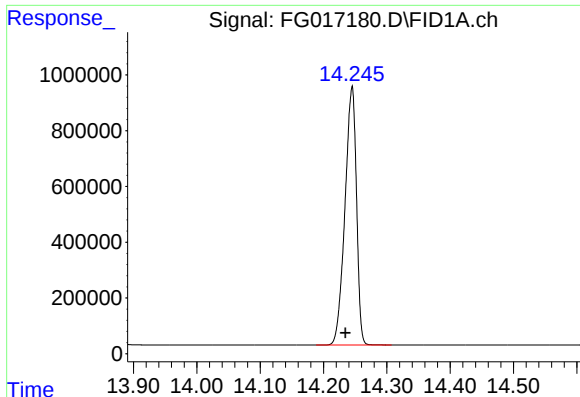
#11 n-Heneicosane (C21)

R.T.: 13.654 min
Delta R.T.: 0.010 min
Response: 11629763
Conc: 95.50 ug/ml



#12 1-chlorooctadecane (SURR)

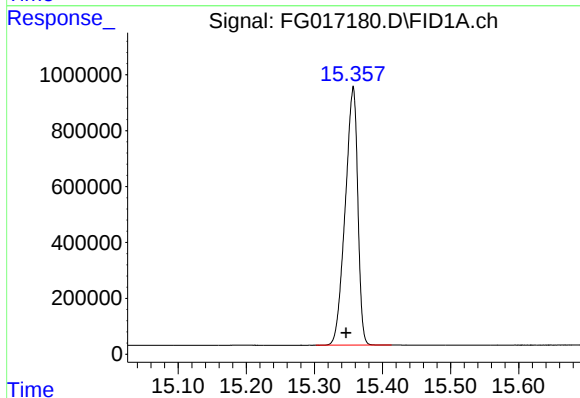
R.T.: 13.487 min
Delta R.T.: 0.009 min
Response: 10949335
Conc: 96.45 ug/ml



#13 n-Docosane (C22)

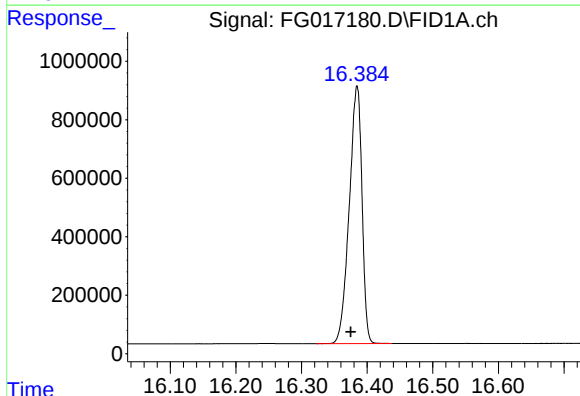
R.T.: 14.245 min
Delta R.T.: 0.010 min
Response: 11698247
Conc: 95.56 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



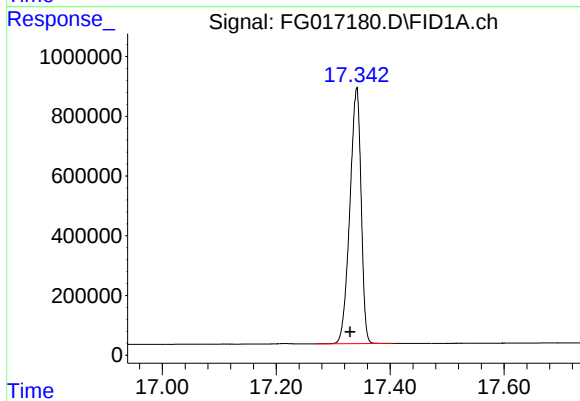
#14 n-Tetracosane (C24)

R.T.: 15.357 min
Delta R.T.: 0.010 min
Response: 11842989
Conc: 95.75 ug/ml



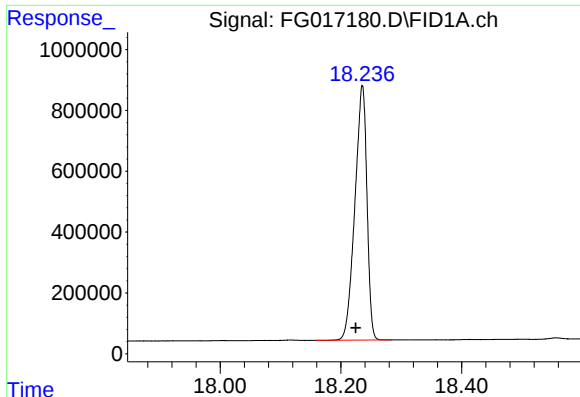
#15 n-Hexacosane (C26)

R.T.: 16.385 min
Delta R.T.: 0.010 min
Response: 11867372
Conc: 95.19 ug/ml



#16 n-Octacosane (C28)

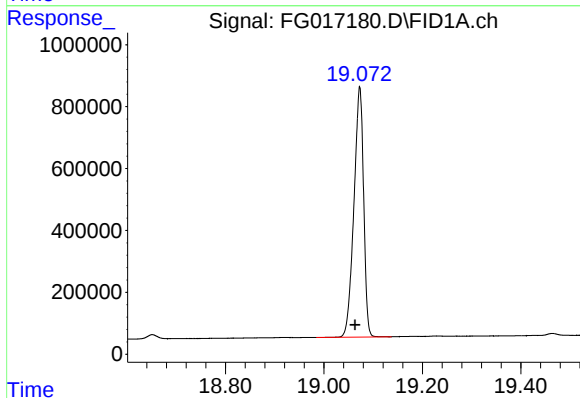
R.T.: 17.341 min
Delta R.T.: 0.011 min
Response: 11736089
Conc: 93.28 ug/ml



#17 n-Tricontane (C30)

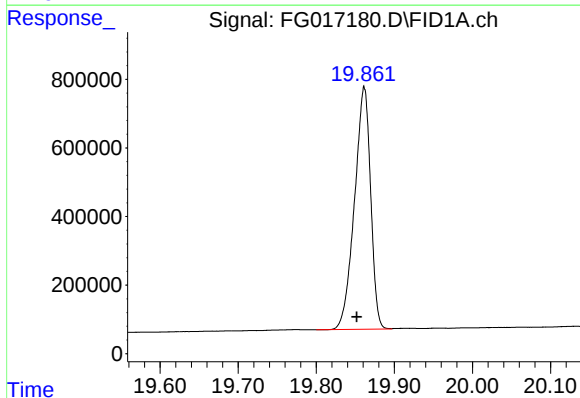
R.T.: 18.236 min
Delta R.T.: 0.011 min
Response: 11590436
Conc: 90.84 ug/ml

Instrument :
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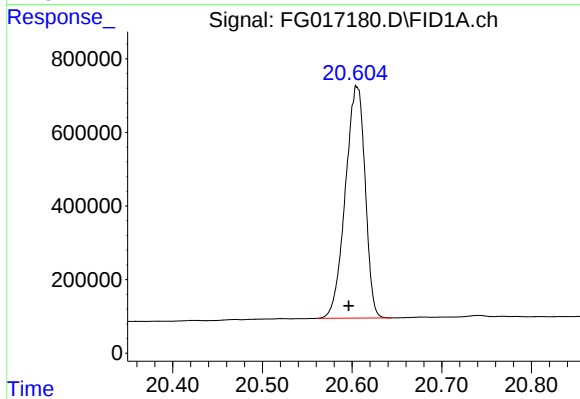
#18 n-Dotriacontane (C32)

R.T.: 19.073 min
Delta R.T.: 0.010 min
Response: 11071370
Conc: 90.20 ug/ml



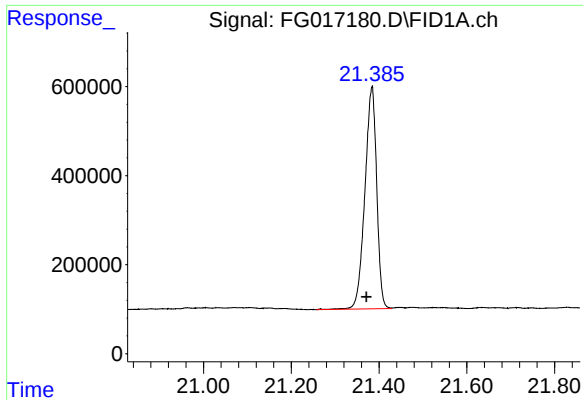
#19 n-Tetratriacontane (C34)

R.T.: 19.861 min
Delta R.T.: 0.010 min
Response: 10134830
Conc: 89.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.605 min
Delta R.T.: 0.009 min
Response: 9669298
Conc: 91.96 ug/ml



#21 n-Octatriacontane (C38)

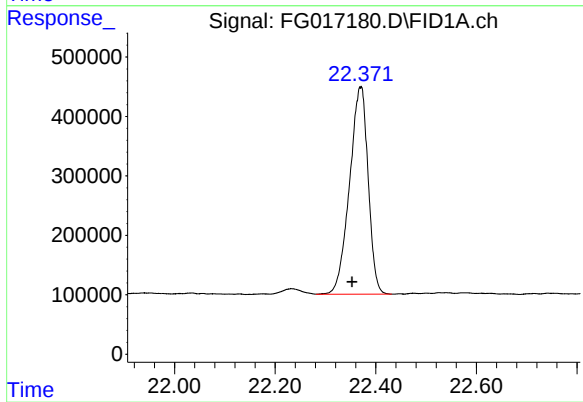
R.T.: 21.384 min
Delta R.T.: 0.012 min
Response: 9296403
Conc: 94.65 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.371 min
Delta R.T.: 0.018 min
Response: 8962238
Conc: 95.37 ug/ml