

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013800.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 13:35
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 10 15:58:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
 Quant Title : GC Extractables
 QLast Update : Fri May 10 15:56:52 2024
 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)	11.976	13730937	95.649 ug/ml
Spiked Amount 50.000		Recovery =	191.30%
12) S 1-chlorooctadecane (S...	13.413	10769000	96.467 ug/ml
Spiked Amount 50.000		Recovery =	192.93%
Target Compounds			
1) T n-Nonane (C9)	3.330	11965501	94.220 ug/ml
2) T n-Decane (C10)	4.584	12229511	94.196 ug/ml
3) T A~Naphthalene (C11.7)	6.294	13354417	94.460 ug/ml
4) T n-Dodecane (C12)	6.756	12342682	94.215 ug/ml
5) T A~2-methylnaphthalene...	7.393	13007307	94.618 ug/ml
6) T n-Tetradecane (C14)	8.589	12314182	94.483 ug/ml
7) T n-Hexadecane (C16)	10.203	12853829	94.940 ug/ml
8) T n-Octadecane (C18)	11.654	13108566	95.381 ug/ml
10) T n-Eicosane (C20)	12.966	12730081	95.784 ug/ml
11) T n-Heneicosane (C21)	13.581	12555134	95.906 ug/ml
13) T n-Docosane (C22)	14.169	12524666	96.026 ug/ml
14) T n-Tetracosane (C24)	15.277	12491355	96.112 ug/ml
15) T n-Hexacosane (C26)	16.301	12265467	96.090 ug/ml
16) T n-Octacosane (C28)	17.254	11917583	96.178 ug/ml
17) T n-Tricontane (C30)	18.144	11852918	95.782 ug/ml
18) T n-Dotriacontane (C32)	18.978	11401386	94.905 ug/ml
19) T n-Tetratriacontane (C34)	19.763	10798365	94.861 ug/ml
20) T n-Hexatriacontane (C36)	20.504	10194725	93.949 ug/ml
21) T n-Octatriacontane (C38)	21.259	9735683	94.197 ug/ml
22) T n-Tetracontane (C40)	22.203	9323017	94.403 ug/ml

(f)=RT Delta > 1/2 Window

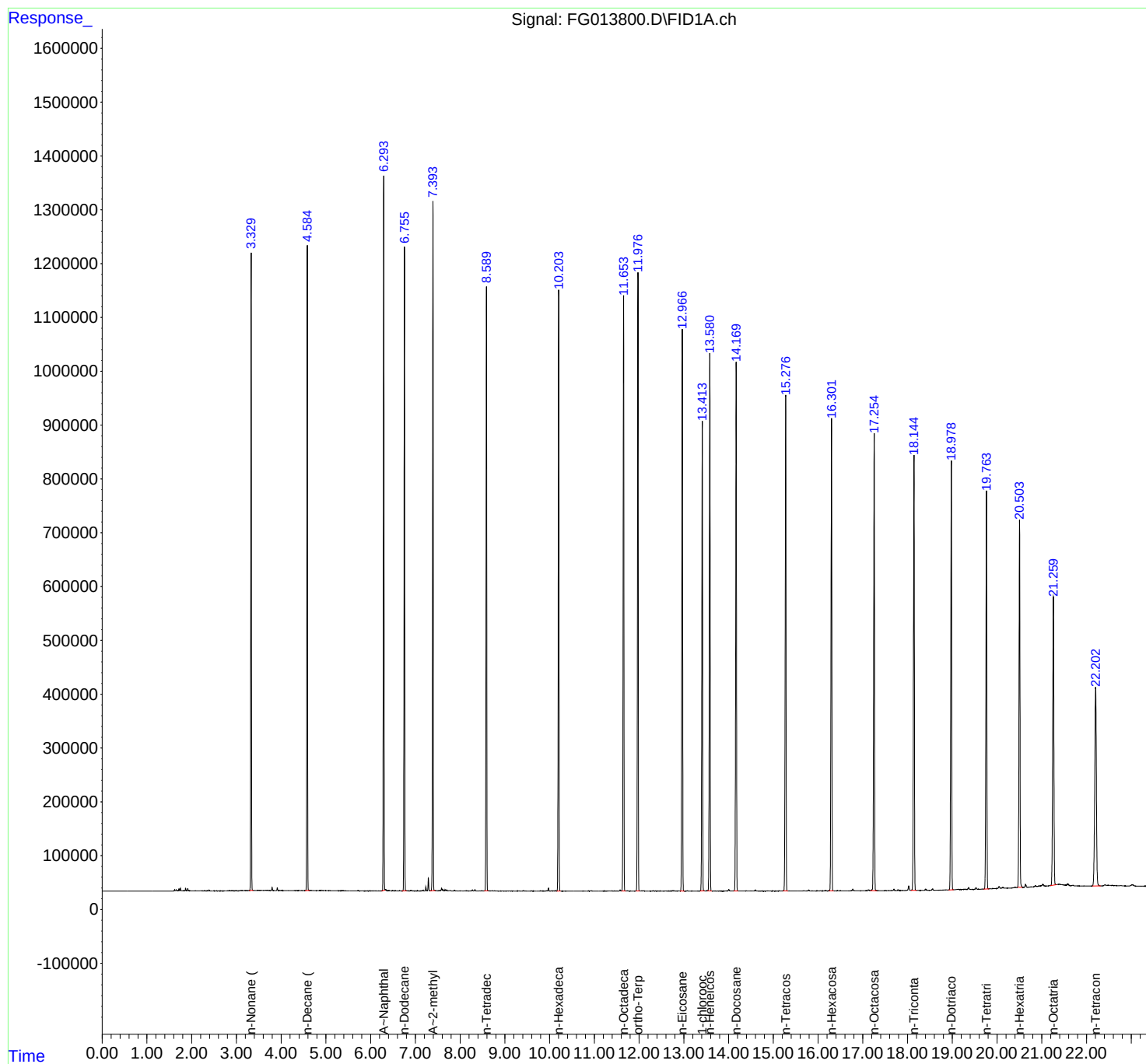
(m)=manual int.

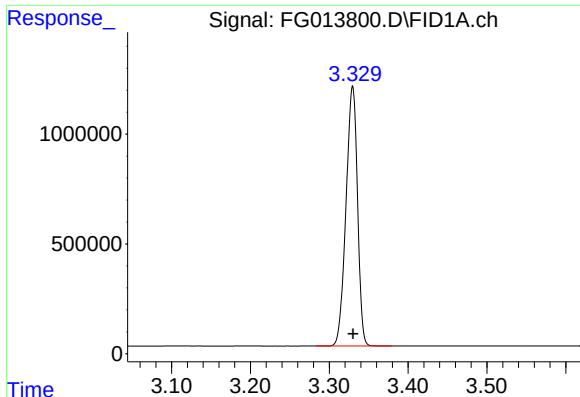
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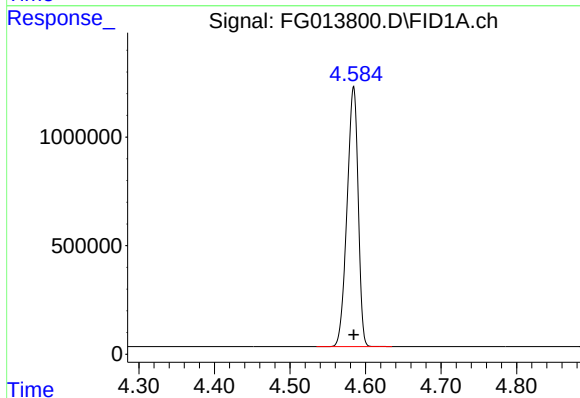




#1 n-Nonane (C9)

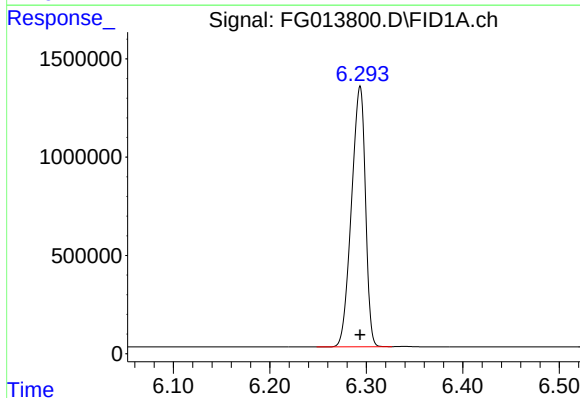
R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 11965501
Conc: 94.22 ug/ml

Instrument :
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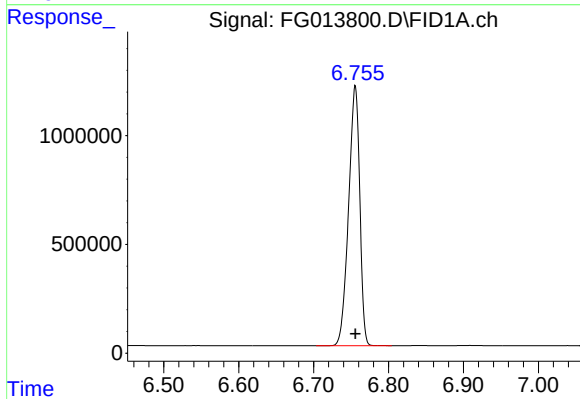
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 12229511
Conc: 94.20 ug/ml



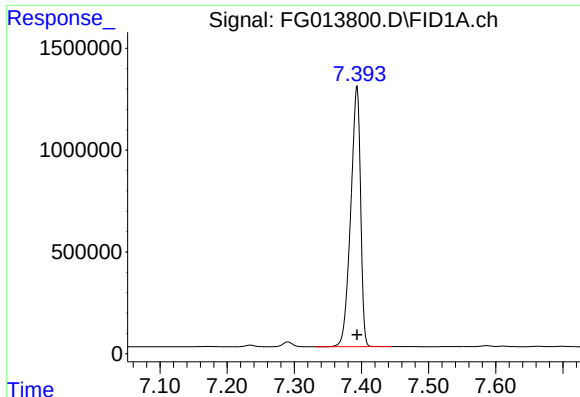
#3 A~Naphthalene (C11.7)

R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 13354417
Conc: 94.46 ug/ml



#4 n-Dodecane (C12)

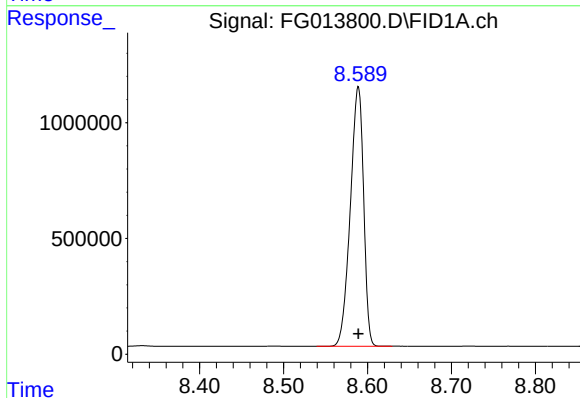
R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 12342682
Conc: 94.21 ug/ml



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

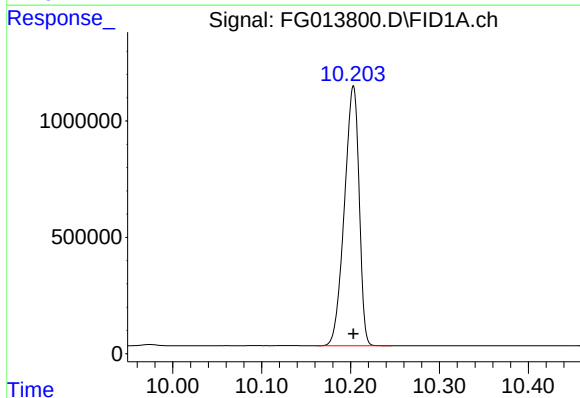
R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 13007307
Conc: 94.62 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



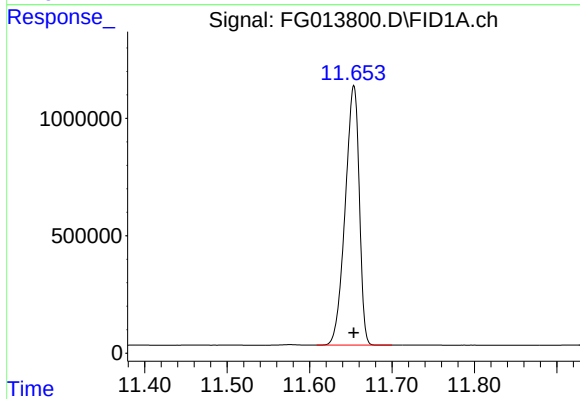
#6 n-Tetradecane (C14)

R.T.: 8.589 min
Delta R.T.: 0.000 min
Response: 12314182
Conc: 94.48 ug/ml



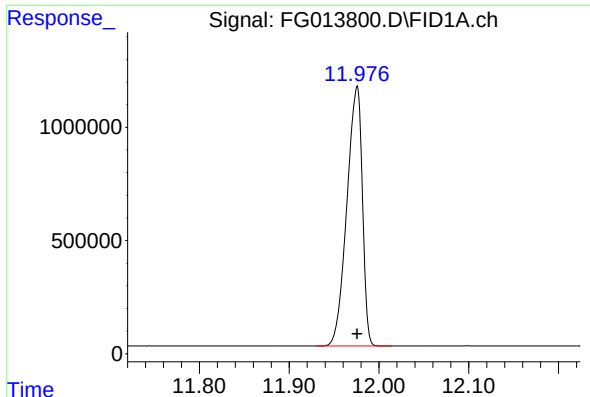
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: 0.000 min
Response: 12853829
Conc: 94.94 ug/ml



#8 n-Octadecane (C18)

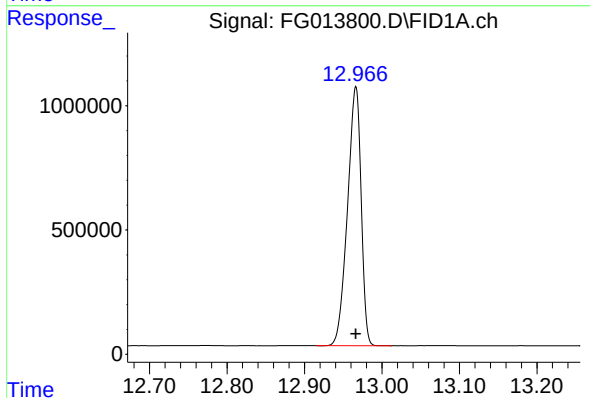
R.T.: 11.654 min
Delta R.T.: 0.000 min
Response: 13108566
Conc: 95.38 ug/ml



#9 ortho-Terphenyl (SURR)

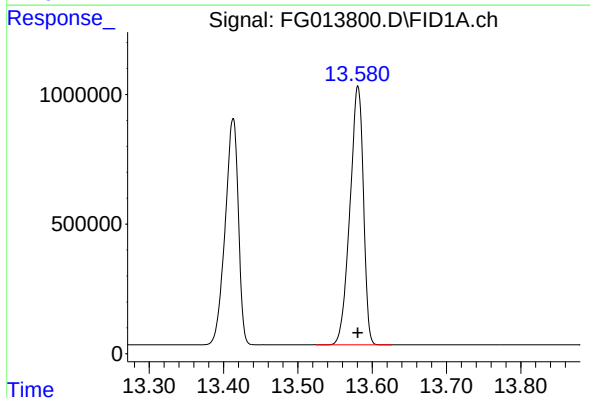
R.T.: 11.976 min
Delta R.T.: 0.000 min
Response: 13730937
Conc: 95.65 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



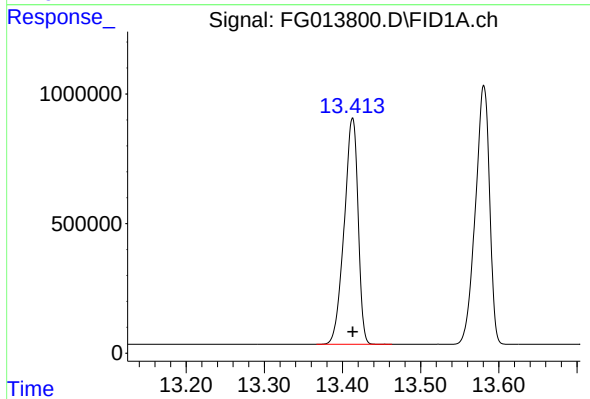
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: 0.000 min
Response: 12730081
Conc: 95.78 ug/ml



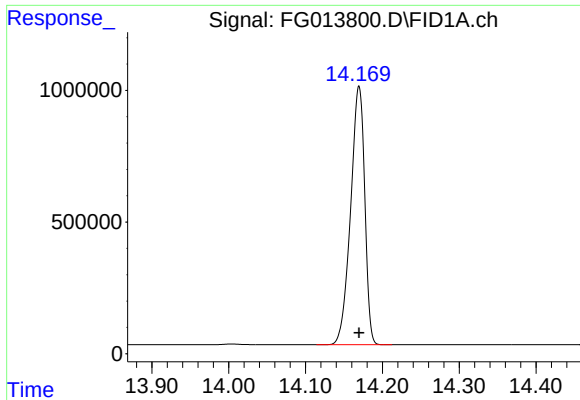
#11 n-Heneicosane (C21)

R.T.: 13.581 min
Delta R.T.: 0.000 min
Response: 12555134
Conc: 95.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.413 min
Delta R.T.: 0.000 min
Response: 10769000
Conc: 96.47 ug/ml



#13 n-Docosane (C22)

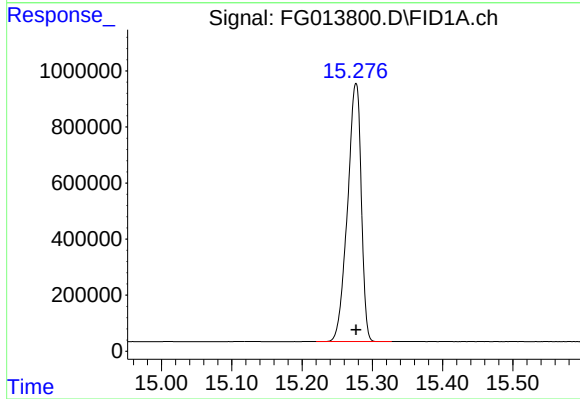
R.T.: 14.169 min
Delta R.T.: 0.000 min
Response: 12524666
Conc: 96.03 ug/ml

Instrument :

FID_G

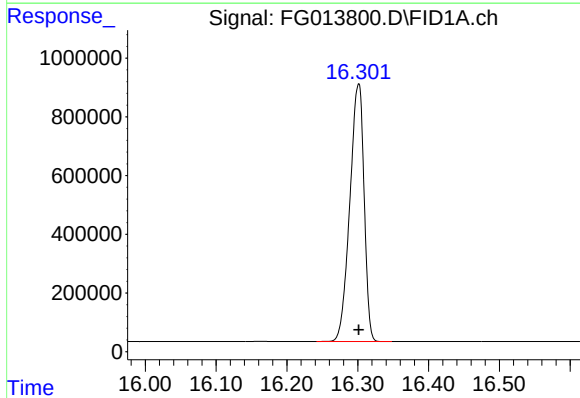
ClientSampleId :

100 PPM ALIPHATIC HC STD1



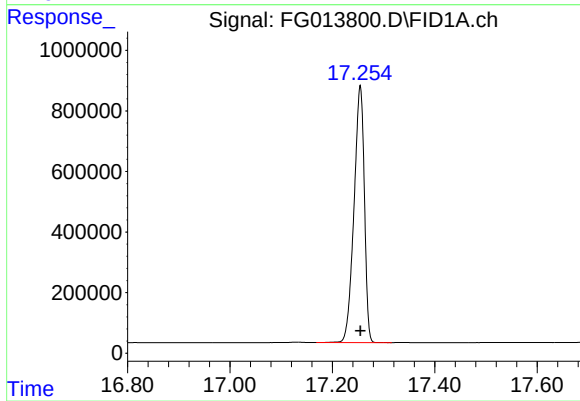
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: 0.000 min
Response: 12491355
Conc: 96.11 ug/ml



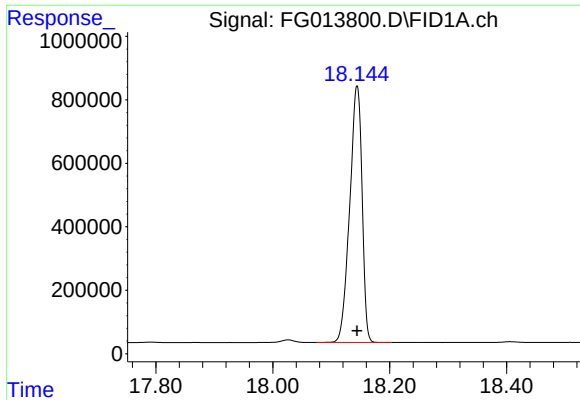
#15 n-Hexacosane (C26)

R.T.: 16.301 min
Delta R.T.: 0.000 min
Response: 12265467
Conc: 96.09 ug/ml



#16 n-Octacosane (C28)

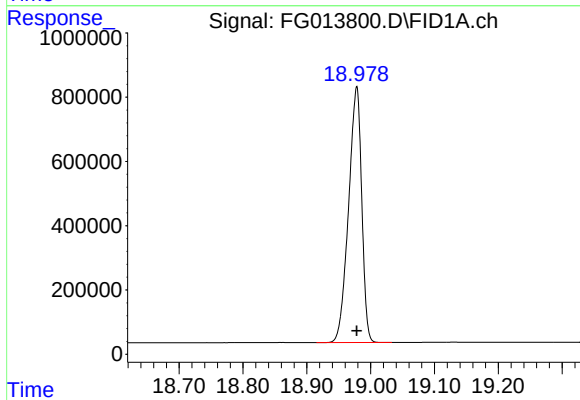
R.T.: 17.254 min
Delta R.T.: 0.000 min
Response: 11917583
Conc: 96.18 ug/ml



#17 n-Tricontane (C30)

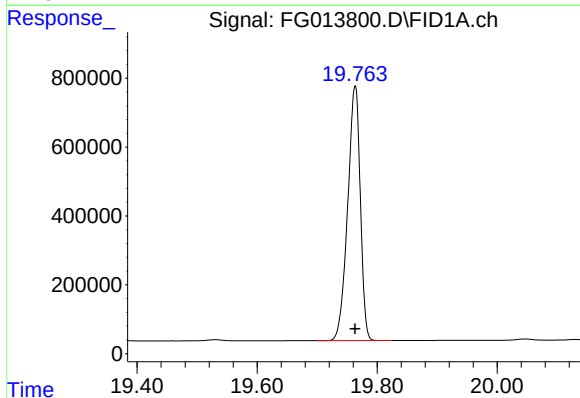
R.T.: 18.144 min
Delta R.T.: 0.000 min
Response: 11852918
Conc: 95.78 ug/ml

Instrument :
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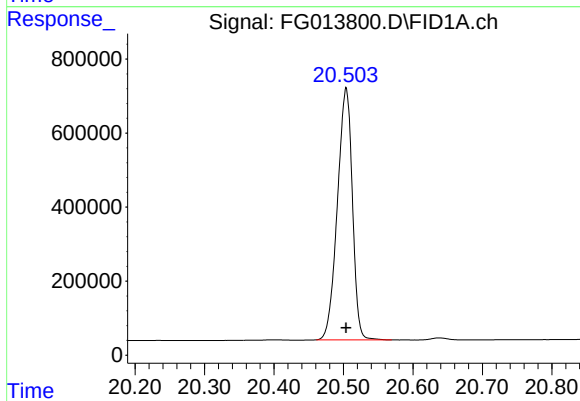
#18 n-Dotriacontane (C32)

R.T.: 18.978 min
Delta R.T.: 0.000 min
Response: 11401386
Conc: 94.90 ug/ml



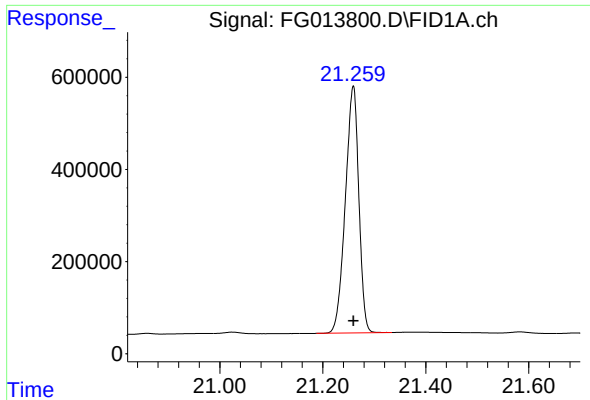
#19 n-Tetratriacontane (C34)

R.T.: 19.763 min
Delta R.T.: 0.000 min
Response: 10798365
Conc: 94.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.504 min
Delta R.T.: 0.000 min
Response: 10194725
Conc: 93.95 ug/ml



#21 n-Octatriacontane (C38)

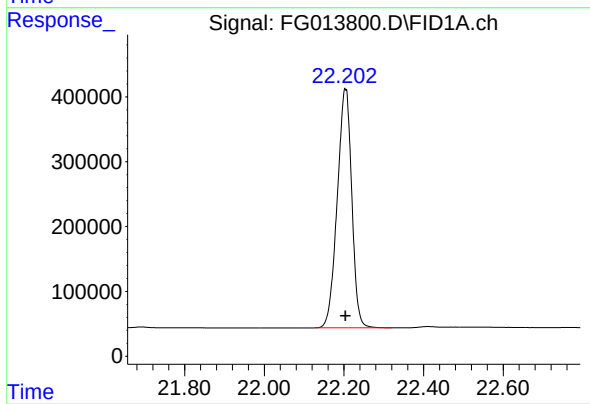
R.T.: 21.259 min
Delta R.T.: 0.000 min
Response: 9735683
Conc: 94.20 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.203 min
Delta R.T.: 0.000 min
Response: 9323017
Conc: 94.40 ug/ml