

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082222AL\
 Data File : FG010412.D
 Signal(s) : FID1A.ch
 Acq On : 22 Aug 2022 19:41
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 23 02:17:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 02:09:45 2022
 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)	10.678	1514930	10.814 ug/ml
Spiked Amount 50.000		Recovery =	21.63%
12) S 1-chlorooctadecane (S...	12.130	1219926	10.828 ug/ml
Spiked Amount 50.000		Recovery =	21.66%
Target Compounds			
1) T n-Nonane (C9)	2.564	1261391	10.797 ug/ml
2) T n-Decane (C10)	3.561	1267003	10.768 ug/ml
3) T A~Naphthalene (C11.7)	5.105	1454269	10.666 ug/ml
4) T n-Dodecane (C12)	5.545	1304573	10.727 ug/ml
5) T A~2-methylnaphthalene...	6.152	1468361	10.589 ug/ml
6) T n-Tetradecane (C14)	7.336	1343634	10.746 ug/ml
7) T n-Hexadecane (C16)	8.936	1358280	10.727 ug/ml
8) T n-Octadecane (C18)	10.378	1380653	10.745 ug/ml
10) T n-Eicosane (C20)	11.689	1369390	10.829 ug/ml
11) T n-Heneicosane (C21)	12.301	1368795	10.850 ug/ml
13) T n-Docosane (C22)	12.887	1356216	10.894 ug/ml
14) T n-Tetracosane (C24)	13.991	1346700	10.993 ug/ml
15) T n-Hexacosane (C26)	15.012	1296849	10.969 ug/ml
16) T n-Octacosane (C28)	15.962	1266422	10.982 ug/ml
17) T n-Tricontane (C30)	16.852	1199171	11.020 ug/ml
18) T n-Dotriacontane (C32)	17.683	974944	11.021 ug/ml
19) T n-Tetratriacontane (C34)	18.467	719224	11.032 ug/ml
20) T n-Hexatriacontane (C36)	19.206	551860	11.005 ug/ml
21) T n-Octatriacontane (C38)	19.918	482996	11.001 ug/ml
22) T n-Tetracontane (C40)	20.754	451771	10.881 ug/ml

(f)=RT Delta > 1/2 Window

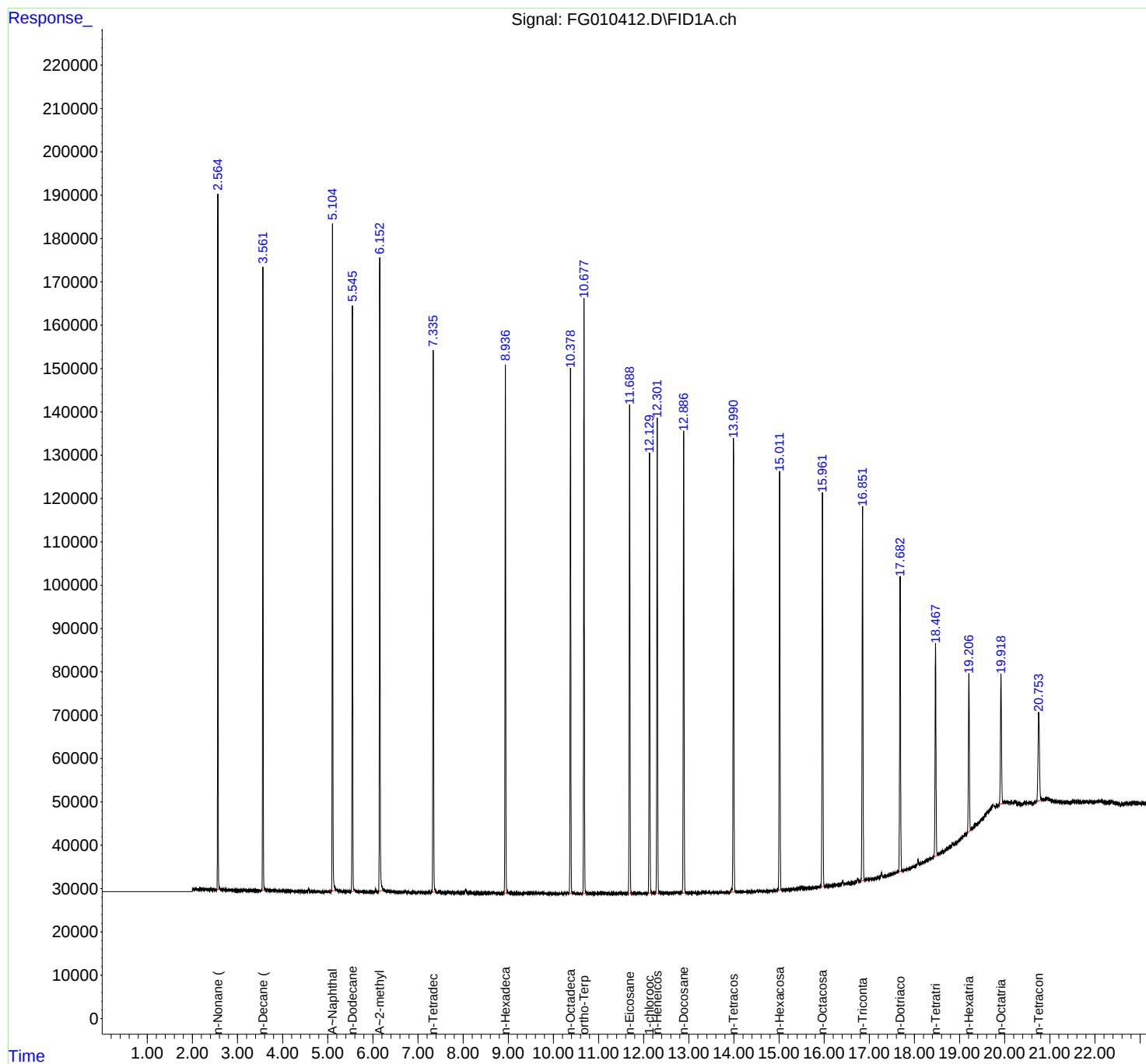
(m)=manual int.

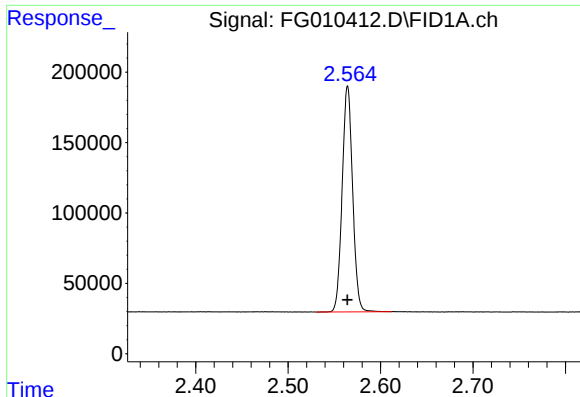
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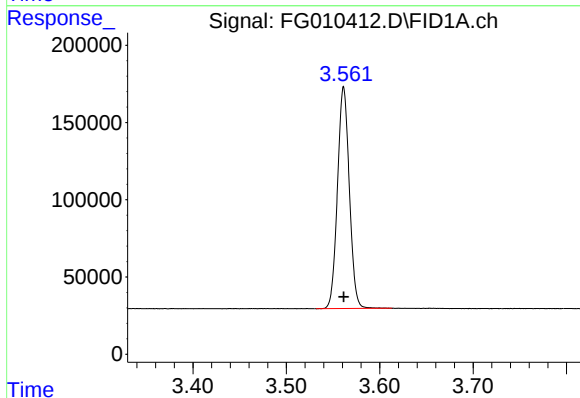




#1 n-Nonane (C9)

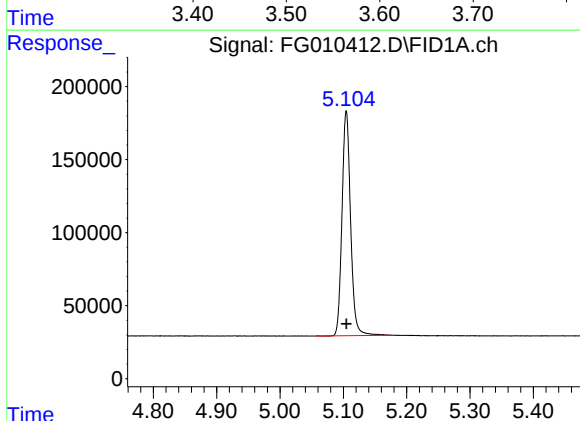
R.T.: 2.564 min
Delta R.T.: 0.000 min
Response: 1261391
Conc: 10.80 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



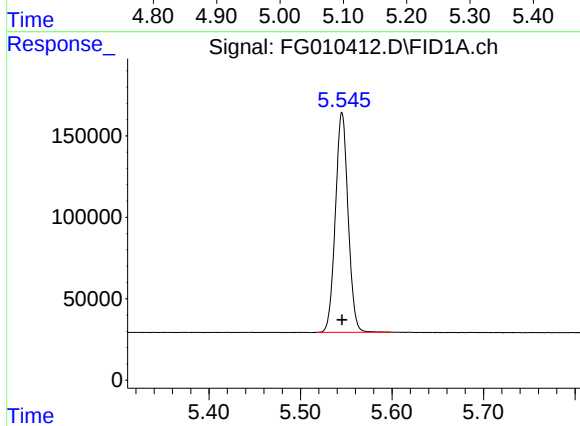
#2 n-Decane (C10)

R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 1267003
Conc: 10.77 ug/ml



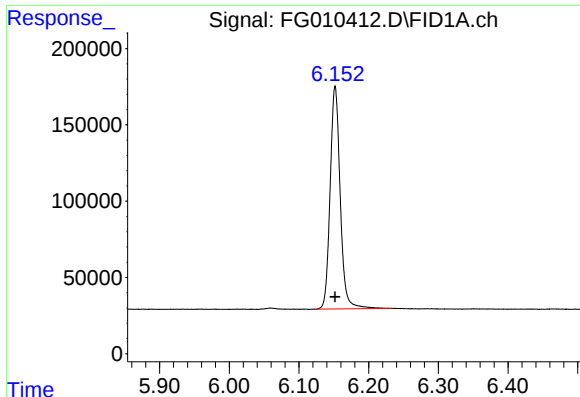
#3 A~Naphthalene (C11.7)

R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 1454269
Conc: 10.67 ug/ml



#4 n-Dodecane (C12)

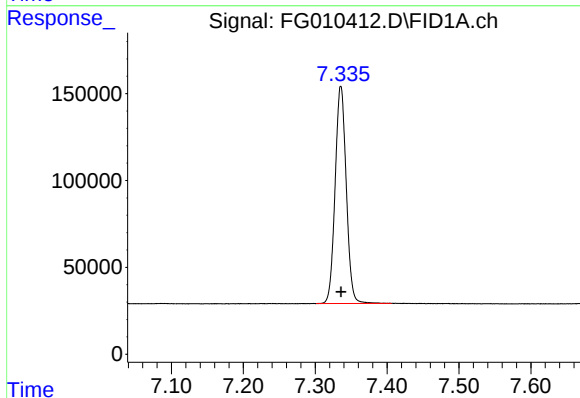
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 1304573
Conc: 10.73 ug/ml



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

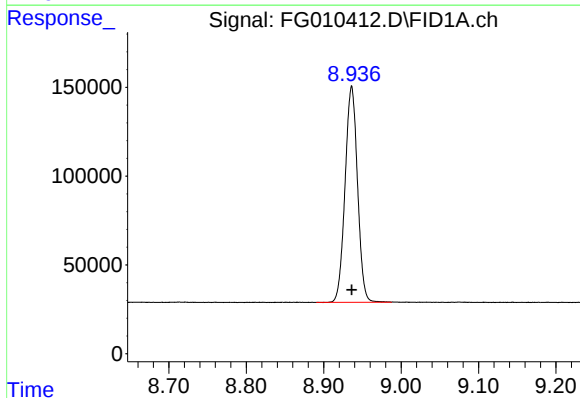
R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 1468361
Conc: 10.59 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



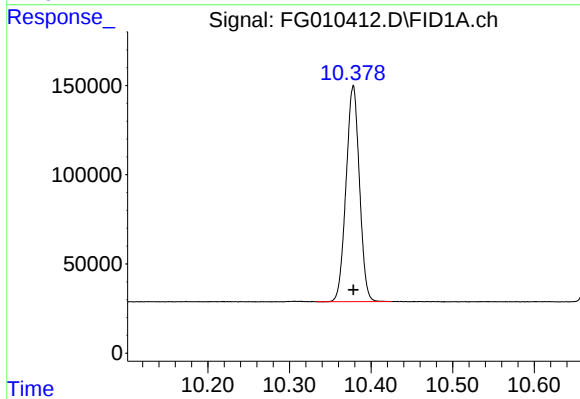
#6 n-Tetradecane (C14)

R.T.: 7.336 min
Delta R.T.: 0.000 min
Response: 1343634
Conc: 10.75 ug/ml



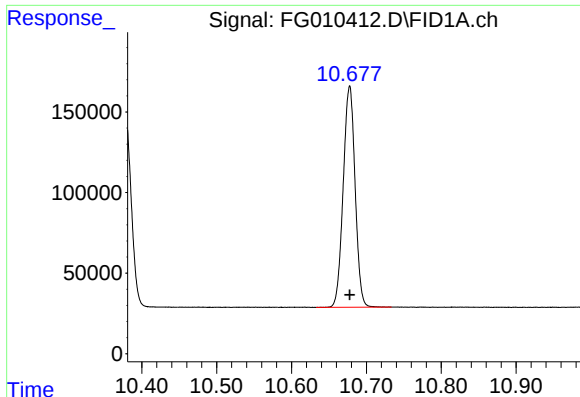
#7 n-Hexadecane (C16)

R.T.: 8.936 min
Delta R.T.: 0.000 min
Response: 1358280
Conc: 10.73 ug/ml



#8 n-Octadecane (C18)

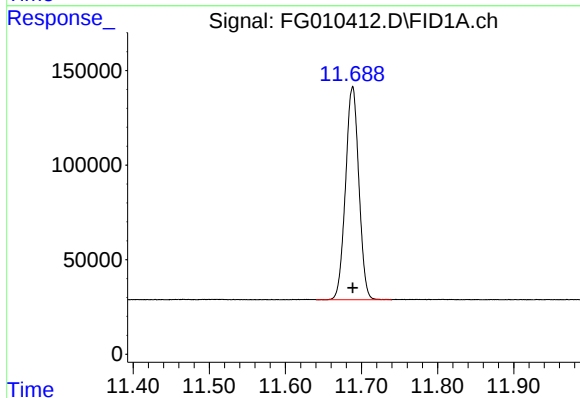
R.T.: 10.378 min
Delta R.T.: 0.000 min
Response: 1380653
Conc: 10.74 ug/ml



#9 ortho-Terphenyl (SURR)

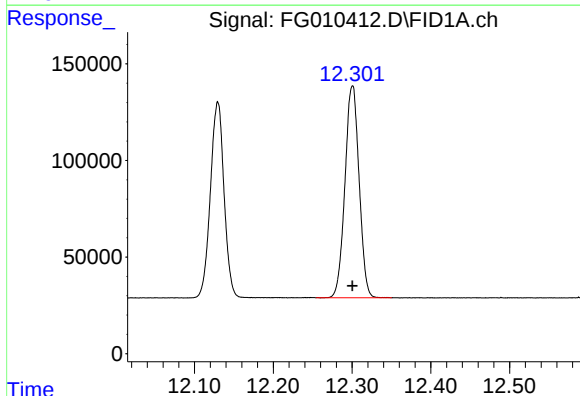
R.T.: 10.678 min
Delta R.T.: 0.000 min
Response: 1514930
Conc: 10.81 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



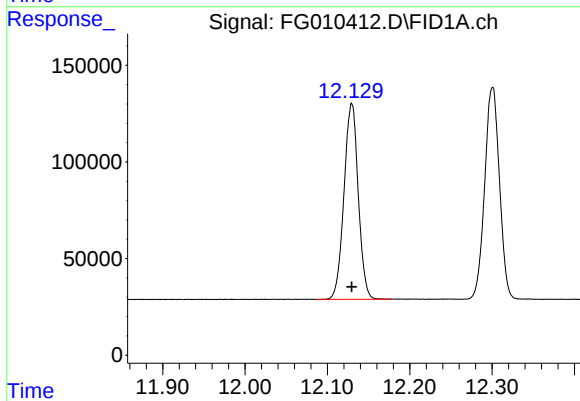
#10 n-Eicosane (C20)

R.T.: 11.689 min
Delta R.T.: 0.000 min
Response: 1369390
Conc: 10.83 ug/ml



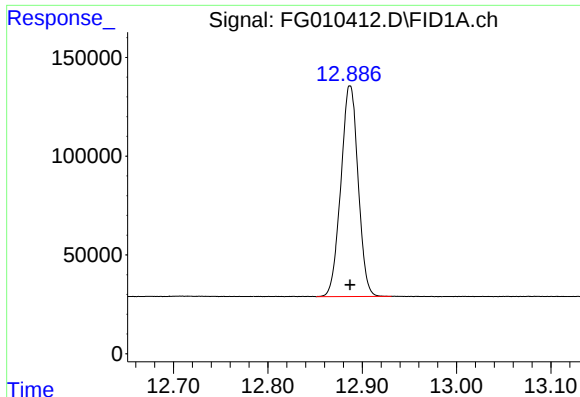
#11 n-Heneicosane (C21)

R.T.: 12.301 min
Delta R.T.: 0.000 min
Response: 1368795
Conc: 10.85 ug/ml



#12 1-chlorooctadecane (SURR)

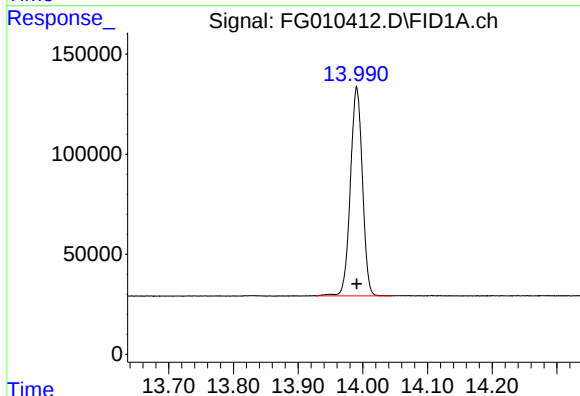
R.T.: 12.130 min
Delta R.T.: 0.000 min
Response: 1219926
Conc: 10.83 ug/ml



#13 n-Docosane (C22)

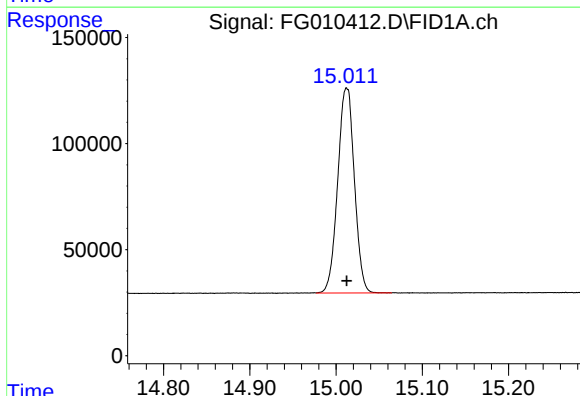
R.T.: 12.887 min
Delta R.T.: 0.000 min
Response: 1356216
Conc: 10.89 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



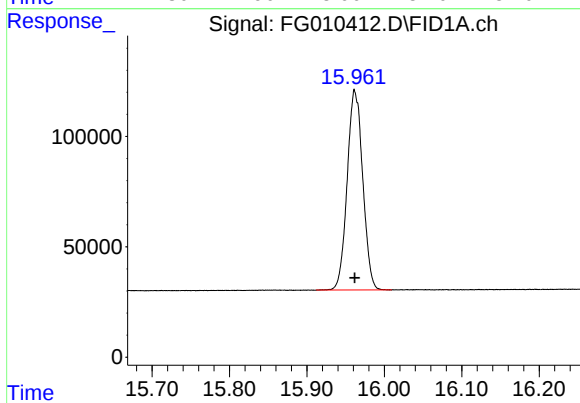
#14 n-Tetracosane (C24)

R.T.: 13.991 min
Delta R.T.: 0.000 min
Response: 1346700
Conc: 10.99 ug/ml



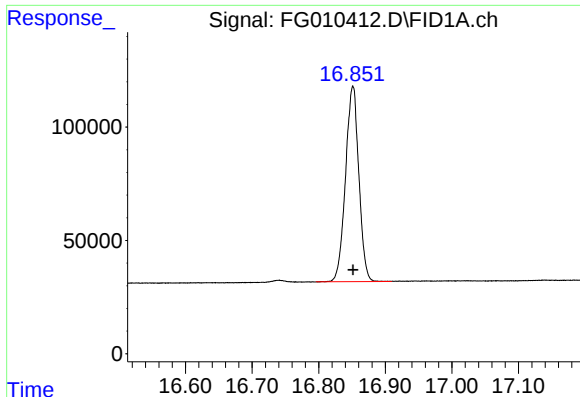
#15 n-Hexacosane (C26)

R.T.: 15.012 min
Delta R.T.: 0.000 min
Response: 1296849
Conc: 10.97 ug/ml



#16 n-Octacosane (C28)

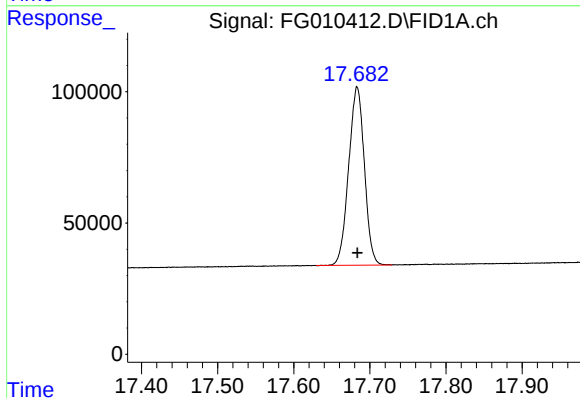
R.T.: 15.962 min
Delta R.T.: 0.000 min
Response: 1266422
Conc: 10.98 ug/ml



#17 n-Tricontane (C30)

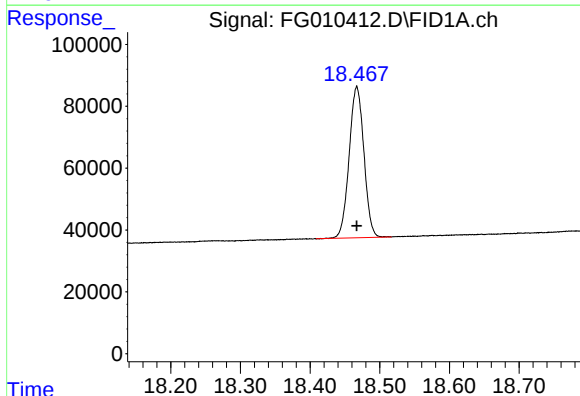
R.T.: 16.852 min
Delta R.T.: 0.000 min
Response: 1199171
Conc: 11.02 ug/ml

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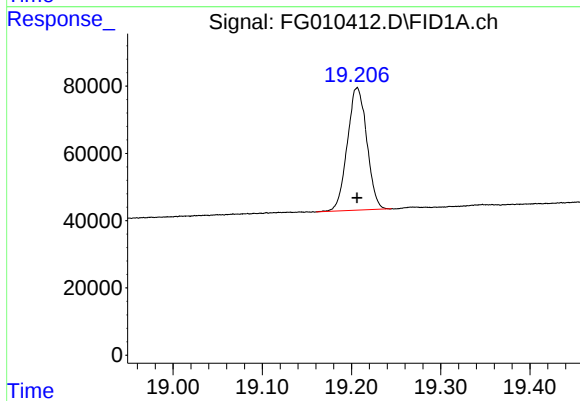
#18 n-Dotriacontane (C32)

R.T.: 17.683 min
Delta R.T.: 0.000 min
Response: 974944
Conc: 11.02 ug/ml



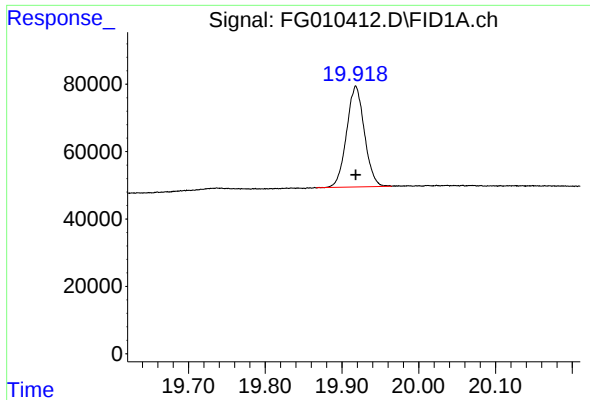
#19 n-Tetratriacontane (C34)

R.T.: 18.467 min
Delta R.T.: 0.000 min
Response: 719224
Conc: 11.03 ug/ml



#20 n-Hexatriacontane (C36)

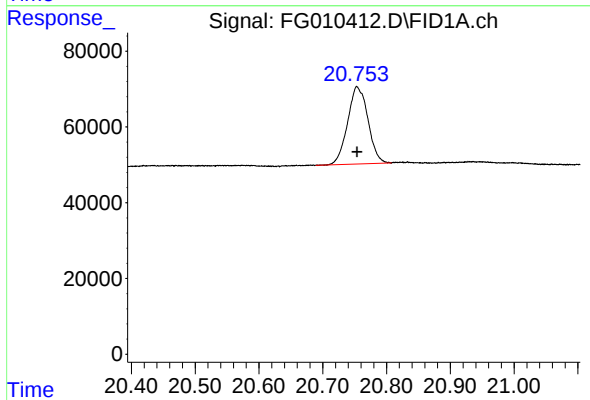
R.T.: 19.206 min
Delta R.T.: 0.000 min
Response: 551860
Conc: 11.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.918 min
Delta R.T.: 0.000 min
Response: 482996
Conc: 11.00 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 20.754 min
Delta R.T.: 0.000 min
Response: 451771
Conc: 10.88 ug/ml