

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050422AL\
 Data File : FG009755.D
 Signal(s) : FID1A.ch
 Acq On : 04 May 2022 22:04
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: May 05 01:42:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 14:00:27 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)	10.839	2706410	17.657 ug/ml
Spiked Amount 50.000		Recovery =	35.31%
12) S 1-chlorooctadecane (S...	12.289	2109470	17.335 ug/ml
Spiked Amount 50.000		Recovery =	34.67%
Target Compounds			
1) T n-Nonane (C9)	2.668	2421924	19.082 ug/ml
2) T n-Decane (C10)	3.679	2401716	19.438 ug/ml
3) T A~Naphthalene (C11.7)	5.241	2681279	19.248 ug/ml
4) T n-Dodecane (C12)	5.677	2468963	19.332 ug/ml
5) T A~2-methylnaphthalene...	6.294	2600177	18.895 ug/ml
6) T n-Tetradecane (C14)	7.476	2445808	19.128 ug/ml
7) T n-Hexadecane (C16)	9.082	2414409	18.145 ug/ml
8) T n-Octadecane (C18)	10.530	2504676	18.110 ug/ml
10) T n-Eicosane (C20)	11.845	2450231	17.597 ug/ml
11) T n-Heneicosane (C21)	12.460	2440975	17.316 ug/ml
13) T n-Docosane (C22)	13.048	2410356	17.049 ug/ml
14) T n-Tetracosane (C24)	14.156	2368687	16.621 ug/ml
15) T n-Hexacosane (C26)	15.182	2290519	16.073 ug/ml
16) T n-Octacosane (C28)	16.137	2259602	15.896 ug/ml
17) T n-Tricontane (C30)	17.027	2195354	15.691 ug/ml
18) T n-Dotriacontane (C32)	17.863	2084578	15.826 ug/ml
19) T n-Tetratriacontane (C34)	18.649	2005831	17.097 ug/ml
20) T n-Hexatriacontane (C36)	19.392	1755477	17.551 ug/ml
21) T n-Octatriacontane (C38)	20.129	1729496	19.946 ug/ml
22) T n-Tetracontane (C40)	21.042	1572435	19.712 ug/ml

(f)=RT Delta > 1/2 Window

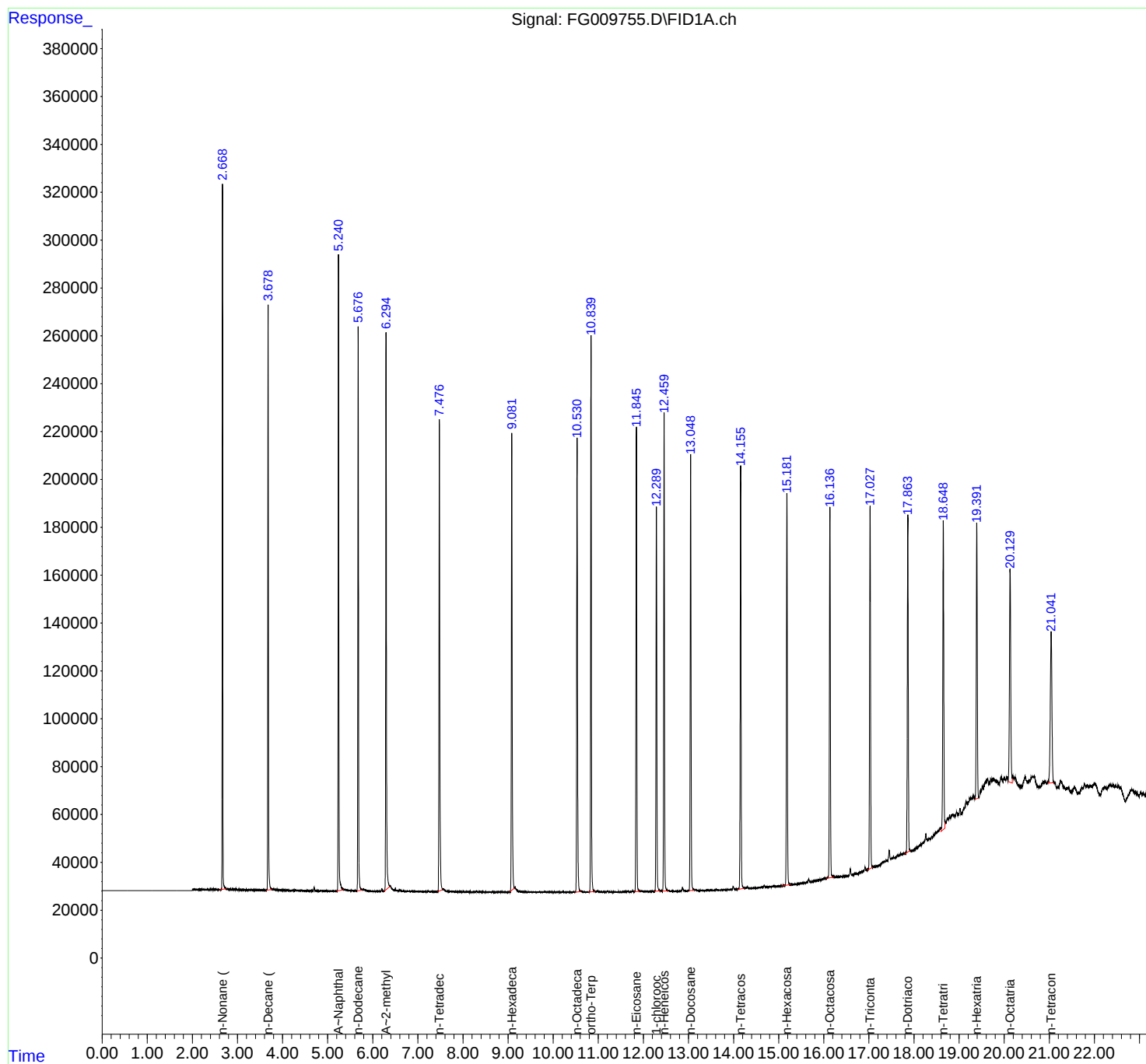
(m)=manual int.

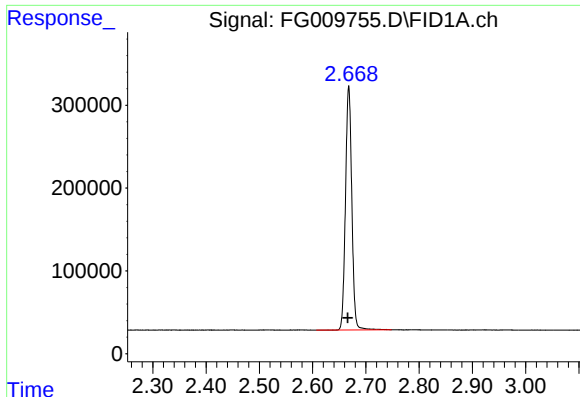
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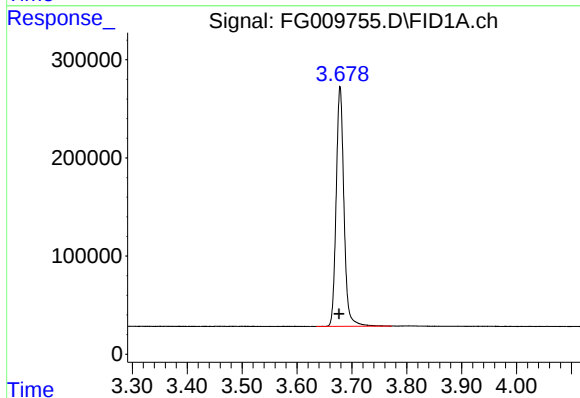




#1 n-Nonane (C9)

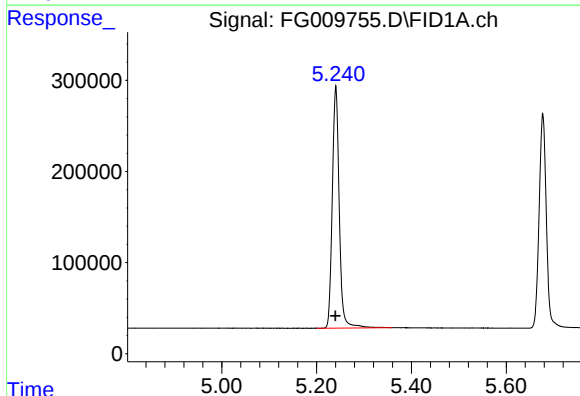
R.T.: 2.668 min
Delta R.T.: 0.002 min
Response: 2421924
Conc: 19.08 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



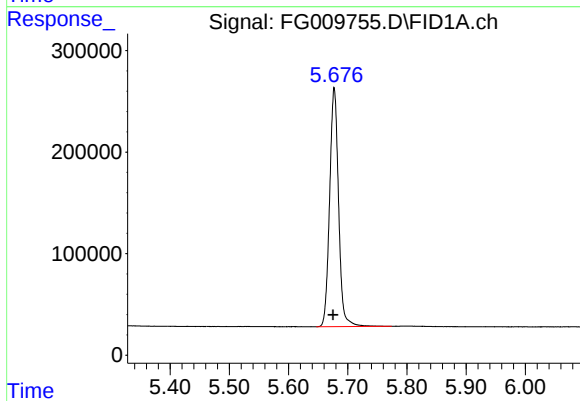
#2 n-Decane (C10)

R.T.: 3.679 min
Delta R.T.: 0.002 min
Response: 2401716
Conc: 19.44 ug/ml



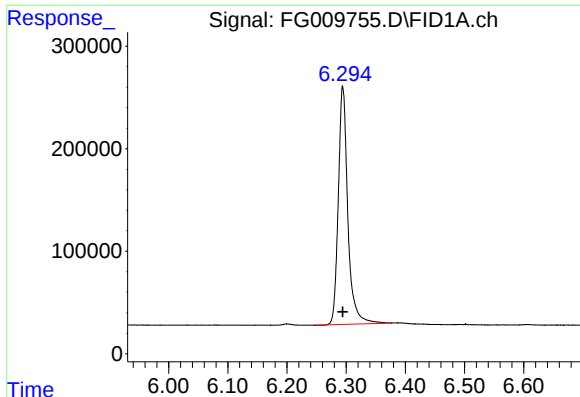
#3 A~Naphthalene (C11.7)

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 2681279
Conc: 19.25 ug/ml



#4 n-Dodecane (C12)

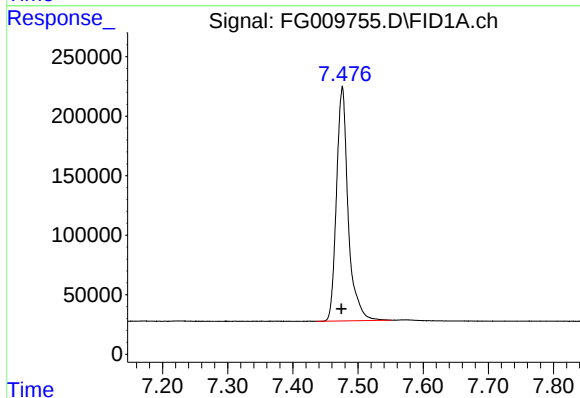
R.T.: 5.677 min
Delta R.T.: 0.002 min
Response: 2468963
Conc: 19.33 ug/ml



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

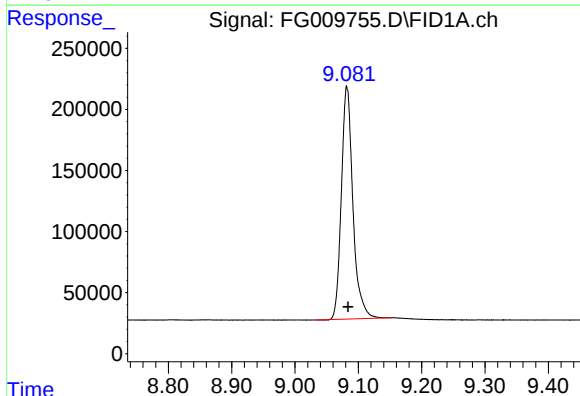
R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 2600177
Conc: 18.89 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



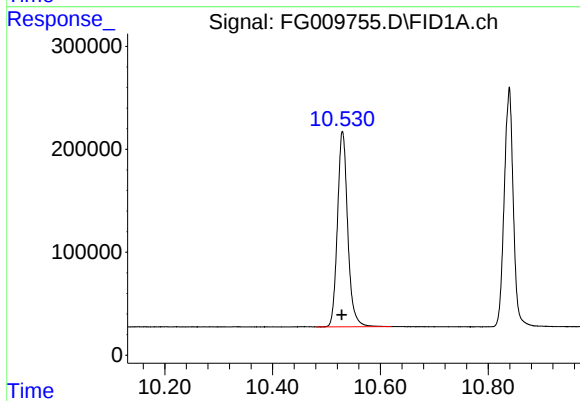
#6 n-Tetradecane (C14)

R.T.: 7.476 min
Delta R.T.: 0.002 min
Response: 2445808
Conc: 19.13 ug/ml



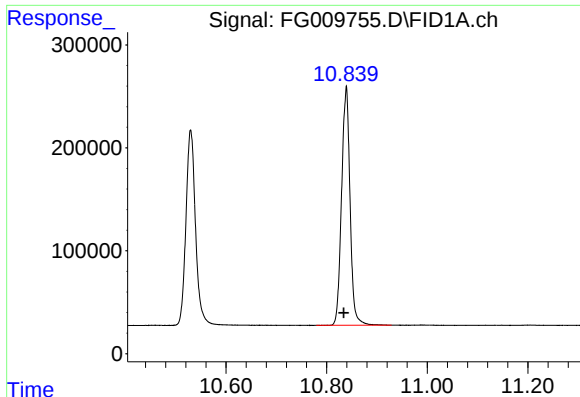
#7 n-Hexadecane (C16)

R.T.: 9.082 min
Delta R.T.: -0.002 min
Response: 2414409
Conc: 18.14 ug/ml



#8 n-Octadecane (C18)

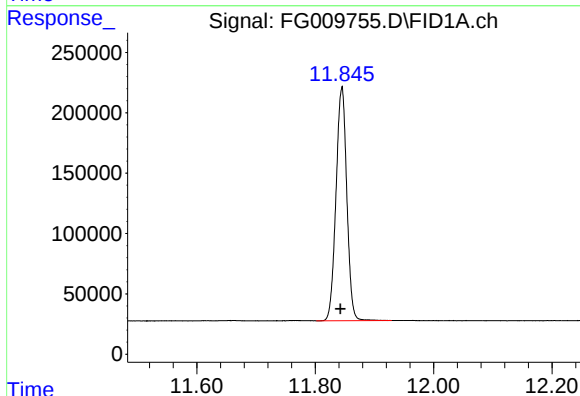
R.T.: 10.530 min
Delta R.T.: 0.000 min
Response: 2504676
Conc: 18.11 ug/ml



#9 ortho-Terphenyl (SURR)

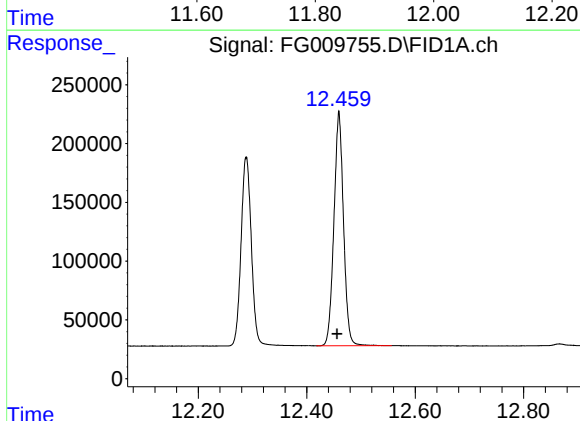
R.T.: 10.839 min
Delta R.T.: 0.006 min
Response: 2706410
Conc: 17.66 ug/ml

Instrument :
FID_G
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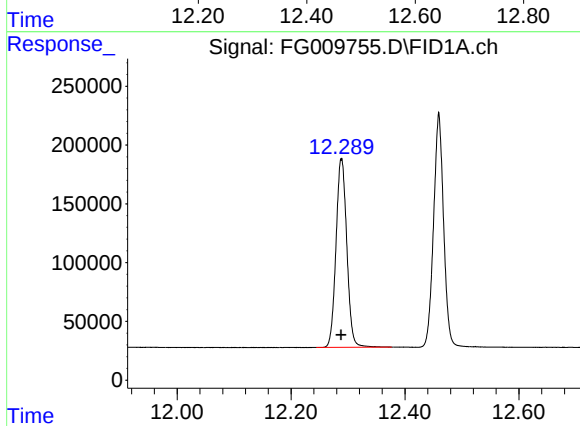
#10 n-Eicosane (C20)

R.T.: 11.845 min
Delta R.T.: 0.003 min
Response: 2450231
Conc: 17.60 ug/ml



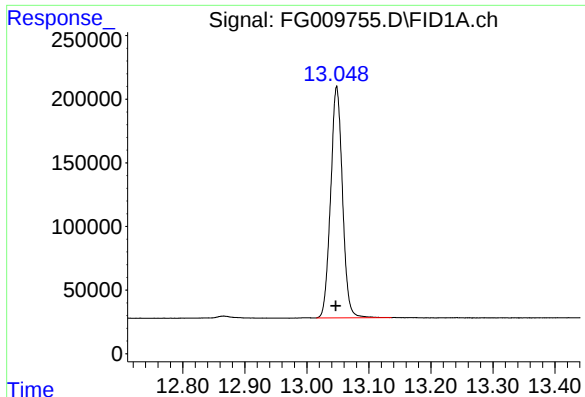
#11 n-Heneicosane (C21)

R.T.: 12.460 min
Delta R.T.: 0.004 min
Response: 2440975
Conc: 17.32 ug/ml



#12 1-chlorooctadecane (SURR)

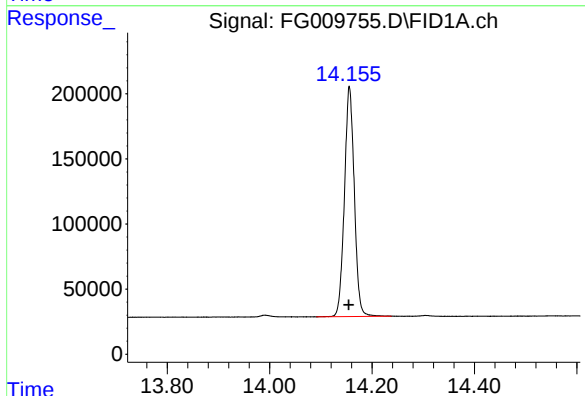
R.T.: 12.289 min
Delta R.T.: 0.001 min
Response: 2109470
Conc: 17.33 ug/ml



#13 n-Docosane (C22)

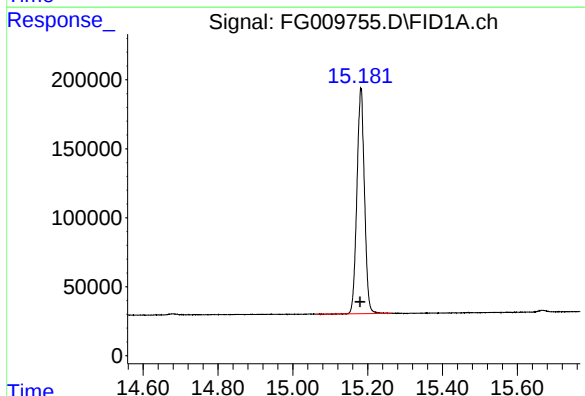
R.T.: 13.048 min
Delta R.T.: 0.002 min
Response: 2410356
Conc: 17.05 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



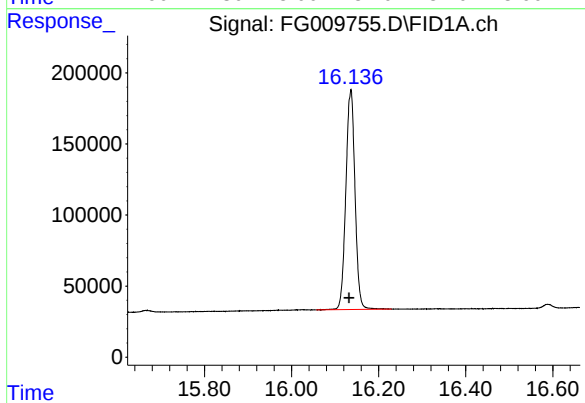
#14 n-Tetracosane (C24)

R.T.: 14.156 min
Delta R.T.: 0.001 min
Response: 2368687
Conc: 16.62 ug/ml



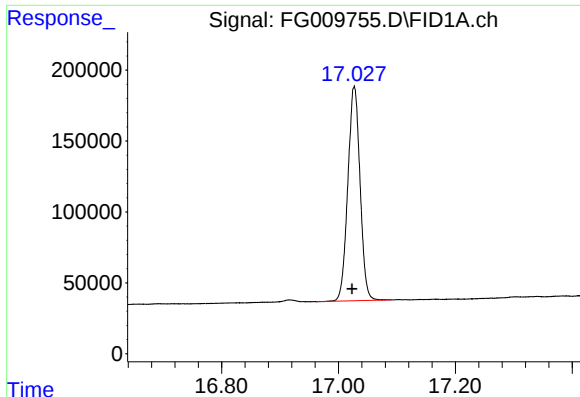
#15 n-Hexacosane (C26)

R.T.: 15.182 min
Delta R.T.: 0.002 min
Response: 2290519
Conc: 16.07 ug/ml



#16 n-Octacosane (C28)

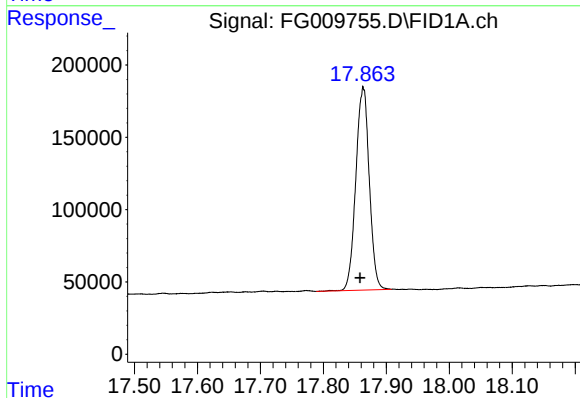
R.T.: 16.137 min
Delta R.T.: 0.005 min
Response: 2259602
Conc: 15.90 ug/ml



#17 n-Tricontane (C30)

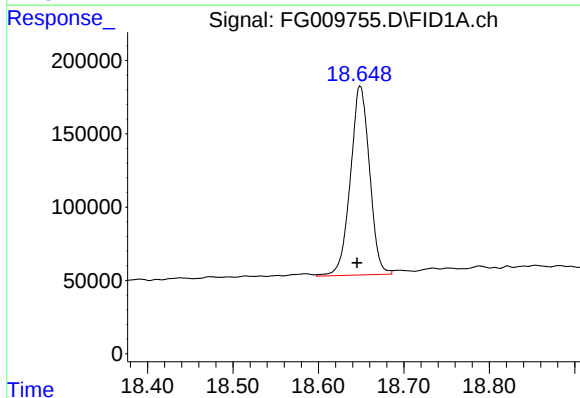
R.T.: 17.027 min
Delta R.T.: 0.004 min
Response: 2195354
Conc: 15.69 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



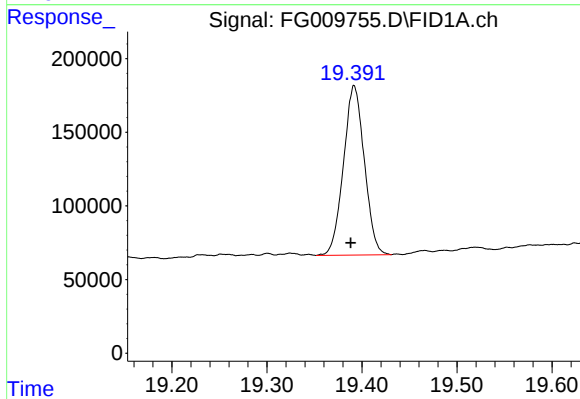
#18 n-Dotriacontane (C32)

R.T.: 17.863 min
Delta R.T.: 0.005 min
Response: 2084578
Conc: 15.83 ug/ml



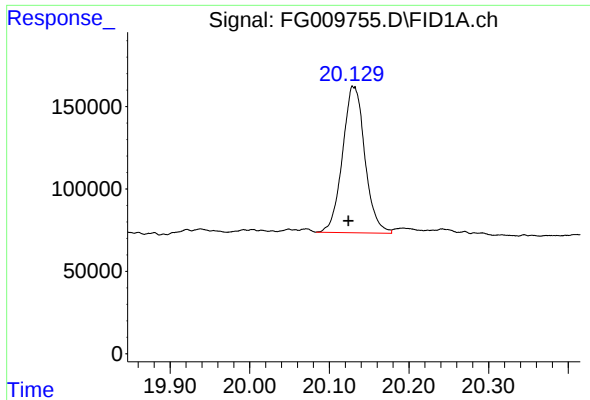
#19 n-Tetratriacontane (C34)

R.T.: 18.649 min
Delta R.T.: 0.004 min
Response: 2005831
Conc: 17.10 ug/ml



#20 n-Hexatriacontane (C36)

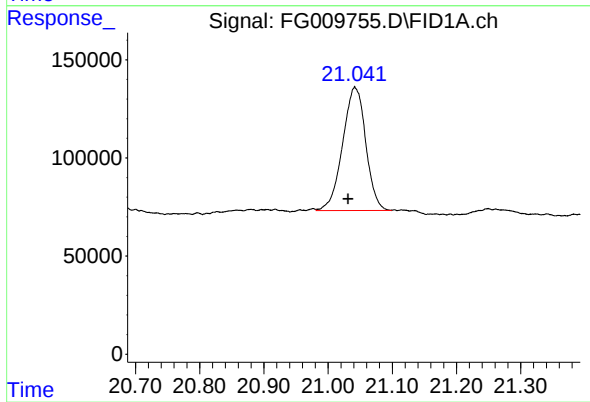
R.T.: 19.392 min
Delta R.T.: 0.003 min
Response: 1755477
Conc: 17.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.129 min
Delta R.T.: 0.005 min
Response: 1729496
Conc: 19.95 ug/ml

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FID_G
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#22 n-Tetracontane (C40)

R.T.: 21.042 min
Delta R.T.: 0.010 min
Response: 1572435
Conc: 19.71 ug/ml