

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062023AL\
 Data File : FG012242.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 13:24
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jun 20 13:45:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 13:26:23 2023
 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)	10.902	1468992	9.815 ug/ml
Spiked Amount 50.000		Recovery =	19.63%
12) S 1-chlorooctadecane (S...	12.340	1090969	9.752 ug/ml
Spiked Amount 50.000		Recovery =	19.50%
Target Compounds			
1) T n-Nonane (C9)	2.746	1154870	9.845 ug/ml
2) T n-Decane (C10)	3.755	1183348	9.797 ug/ml
3) T A~Naphthalene (C11.7)	5.323	1321112	9.609 ug/ml
4) T n-Dodecane (C12)	5.746	1212409	9.772 ug/ml
5) T A~2-methylnaphthalene...	6.373	1241968	9.338 ug/ml
6) T n-Tetradecane (C14)	7.539	1208398	9.626 ug/ml
7) T n-Hexadecane (C16)	9.141	1270954	9.611 ug/ml
8) T n-Octadecane (C18)	10.584	1318169	9.743 ug/ml
10) T n-Eicosane (C20)	11.894	1273602	9.778 ug/ml
11) T n-Heneicosane (C21)	12.508	1244949	9.804 ug/ml
13) T n-Docosane (C22)	13.094	1222829	9.680 ug/ml
14) T n-Tetracosane (C24)	14.198	1296870	10.102 ug/ml
15) T n-Hexacosane (C26)	15.221	1164779	9.472 ug/ml
16) T n-Octacosane (C28)	16.172	1148792	9.488 ug/ml
17) T n-Tricontane (C30)	17.060	1184726	9.586 ug/ml
18) T n-Dotriacontane (C32)	17.894	1187684	9.769 ug/ml
19) T n-Tetratriacontane (C34)	18.679	1153931	9.828 ug/mlm
20) T n-Hexatriacontane (C36)	19.420	1130806	9.983 ug/ml
21) T n-Octatriacontane (C38)	20.157	1111271	9.903 ug/ml
22) T n-Tetracontane (C40)	21.071	1114113	10.031 ug/ml

(f)=RT Delta > 1/2 Window

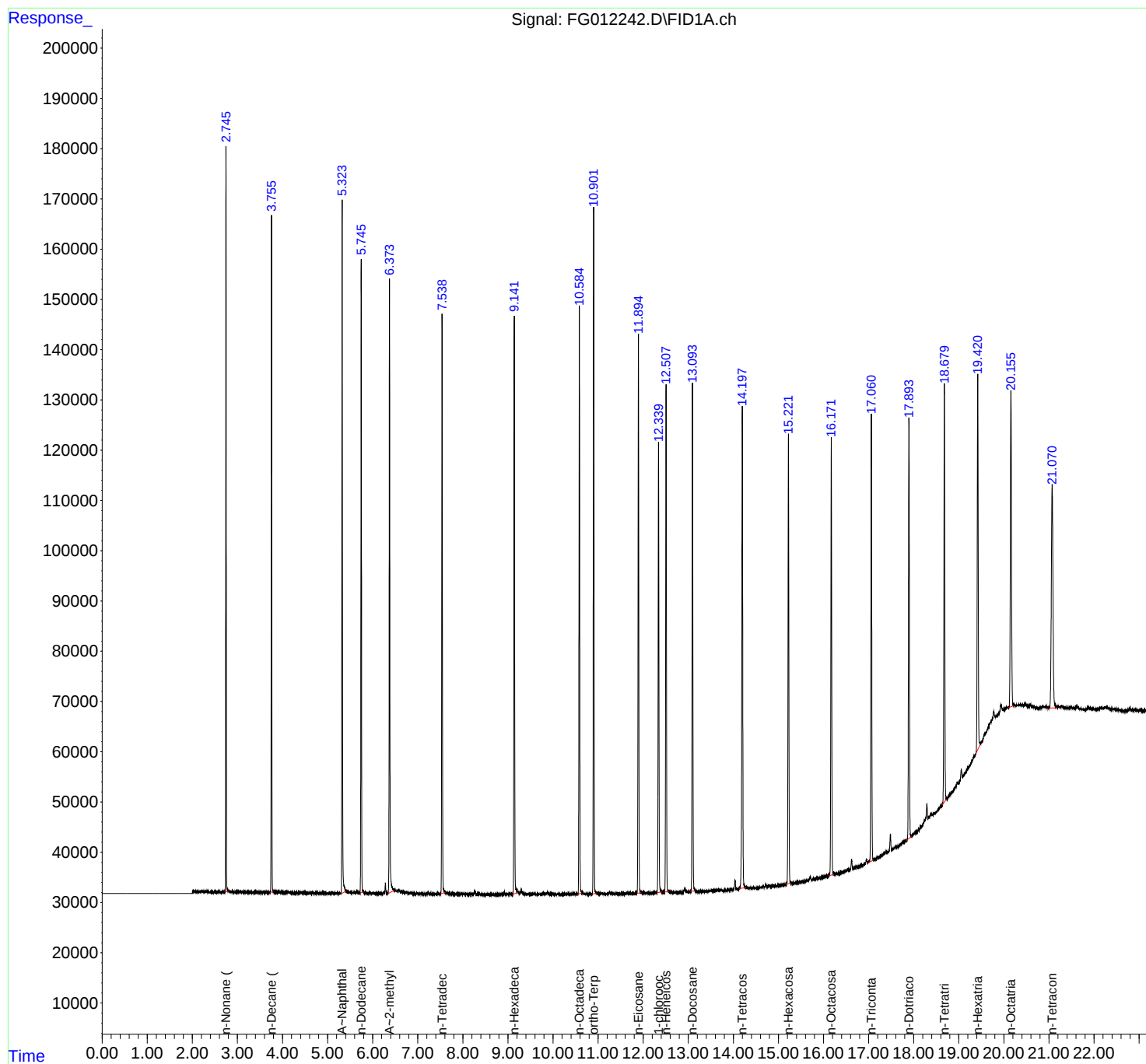
(m)=manual int.

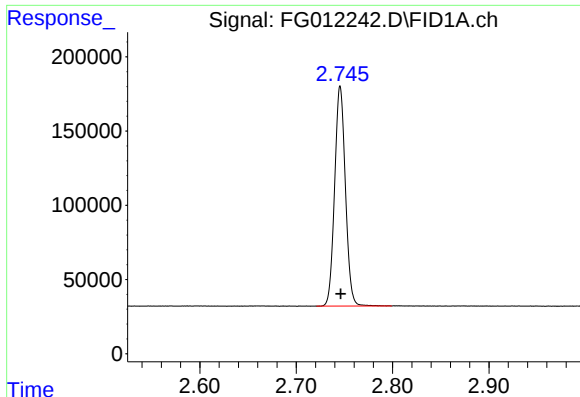
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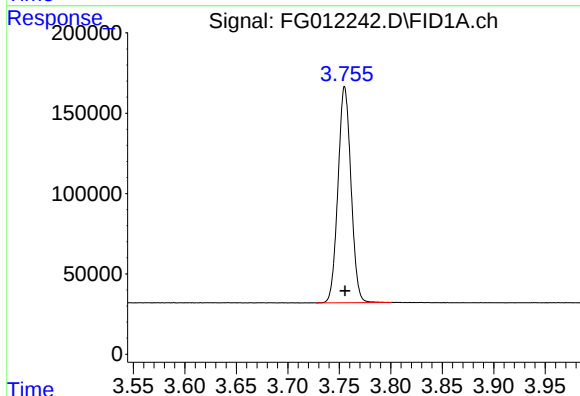




#1 n-Nonane (C9)

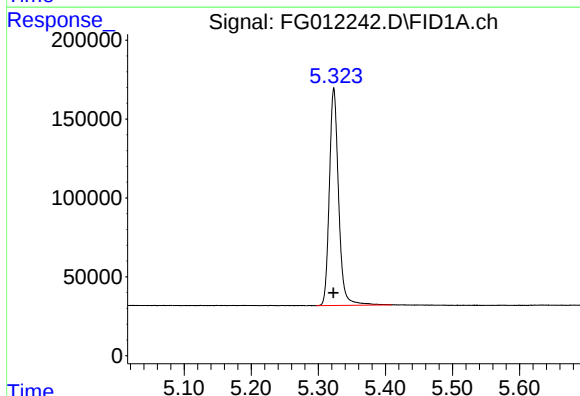
R.T.: 2.746 min
Delta R.T.: 0.000 min
Response: 1154870
Conc: 9.85 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



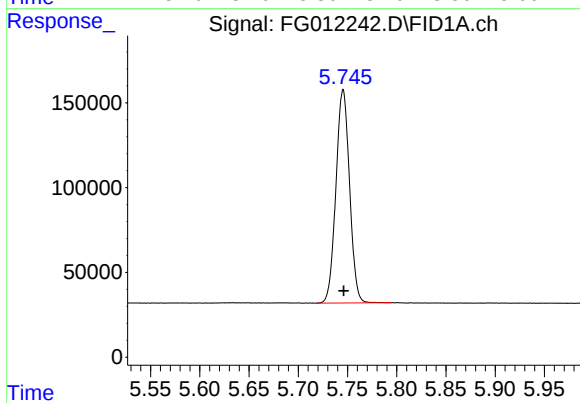
#2 n-Decane (C10)

R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 1183348
Conc: 9.80 ug/ml



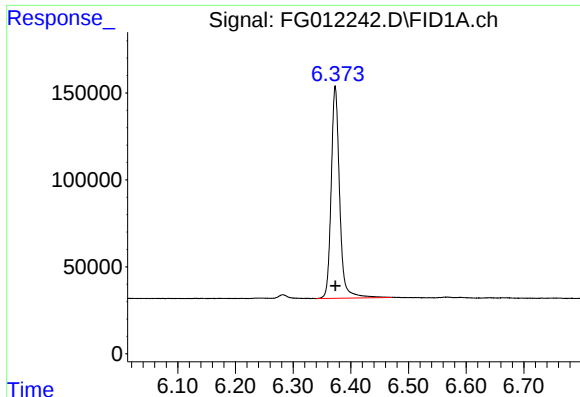
#3 A~Naphthalene (C11.7)

R.T.: 5.323 min
Delta R.T.: 0.000 min
Response: 1321112
Conc: 9.61 ug/ml



#4 n-Dodecane (C12)

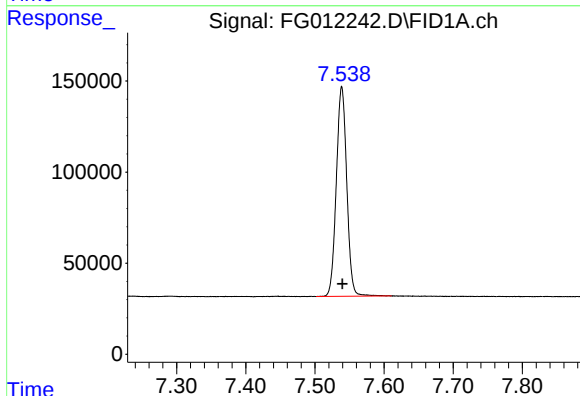
R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 1212409
Conc: 9.77 ug/ml



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

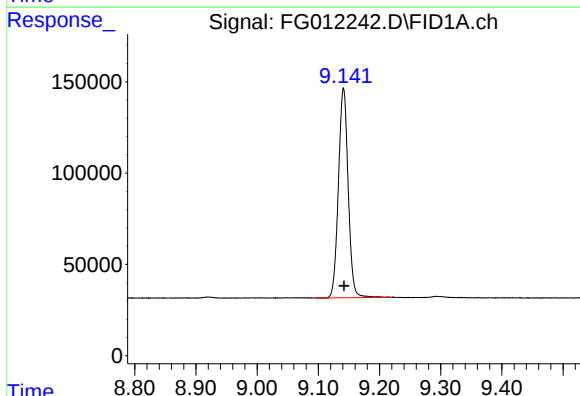
R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 1241968
Conc: 9.34 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



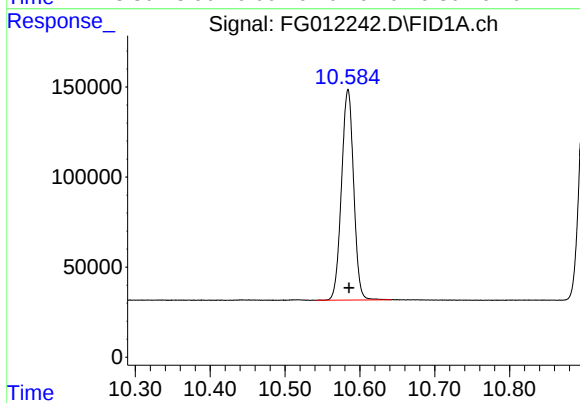
#6 n-Tetradecane (C14)

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 1208398
Conc: 9.63 ug/ml



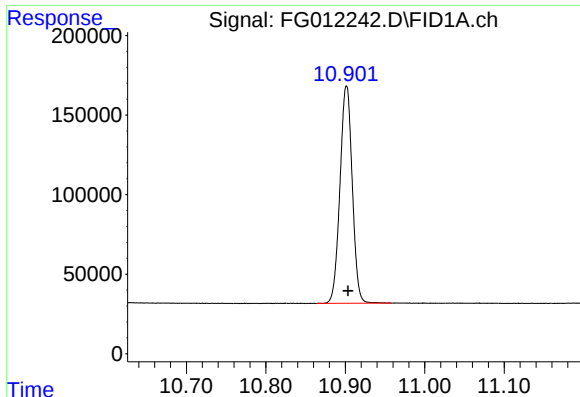
#7 n-Hexadecane (C16)

R.T.: 9.141 min
Delta R.T.: 0.000 min
Response: 1270954
Conc: 9.61 ug/ml



#8 n-Octadecane (C18)

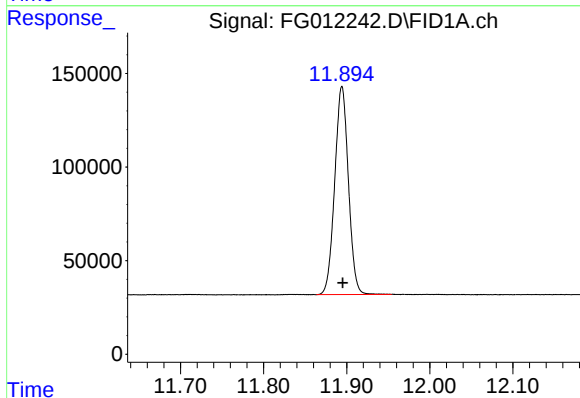
R.T.: 10.584 min
Delta R.T.: -0.001 min
Response: 1318169
Conc: 9.74 ug/ml



#9 ortho-Terphenyl (SURR)

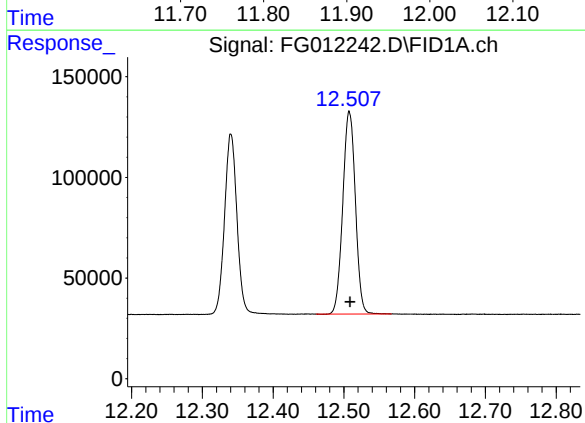
R.T.: 10.902 min
Delta R.T.: -0.002 min
Response: 1468992
Conc: 9.81 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



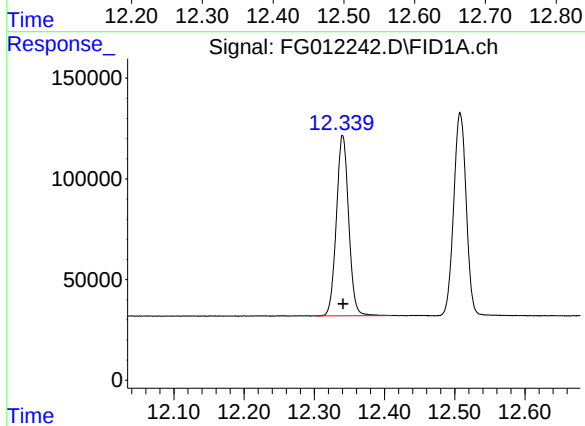
#10 n-Eicosane (C20)

R.T.: 11.894 min
Delta R.T.: 0.000 min
Response: 1273602
Conc: 9.78 ug/ml



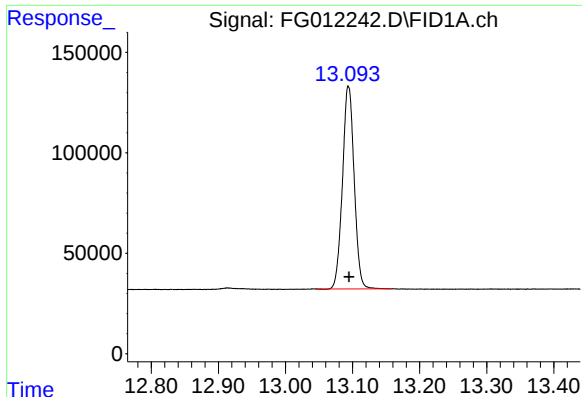
#11 n-Heneicosane (C21)

R.T.: 12.508 min
Delta R.T.: 0.000 min
Response: 1244949
Conc: 9.80 ug/ml



#12 1-chlorooctadecane (SURR)

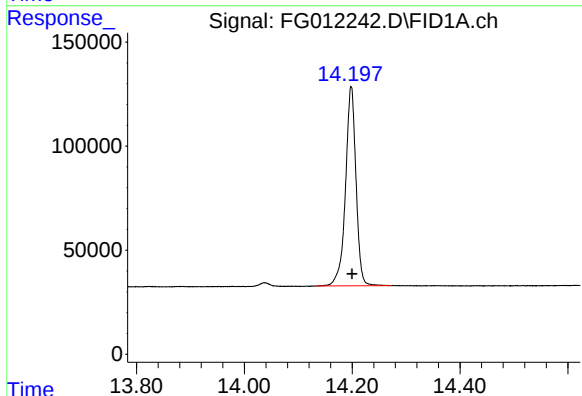
R.T.: 12.340 min
Delta R.T.: 0.000 min
Response: 1090969
Conc: 9.75 ug/ml



#13 n-Docosane (C22)

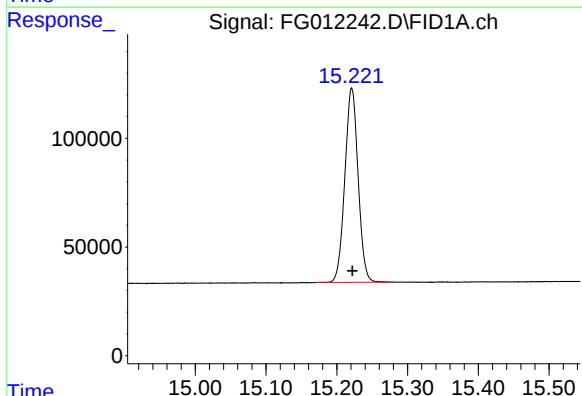
R.T.: 13.094 min
Delta R.T.: -0.001 min
Response: 1222829
Conc: 9.68 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



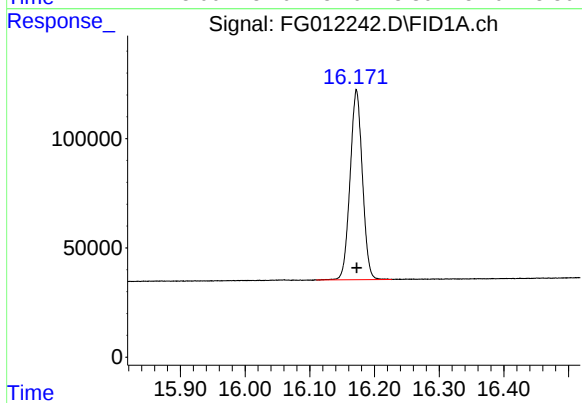
#14 n-Tetracosane (C24)

R.T.: 14.198 min
Delta R.T.: -0.002 min
Response: 1296870
Conc: 10.10 ug/ml



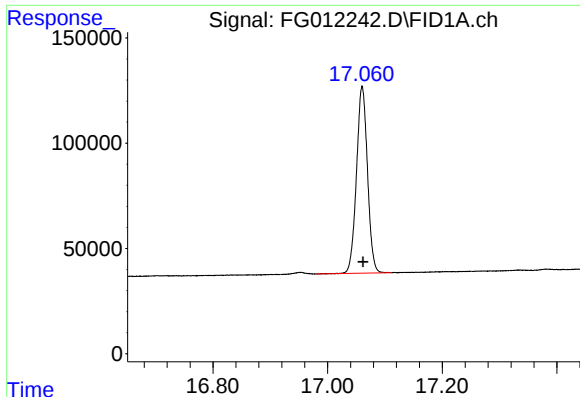
#15 n-Hexacosane (C26)

R.T.: 15.221 min
Delta R.T.: 0.000 min
Response: 1164779
Conc: 9.47 ug/ml



#16 n-Octacosane (C28)

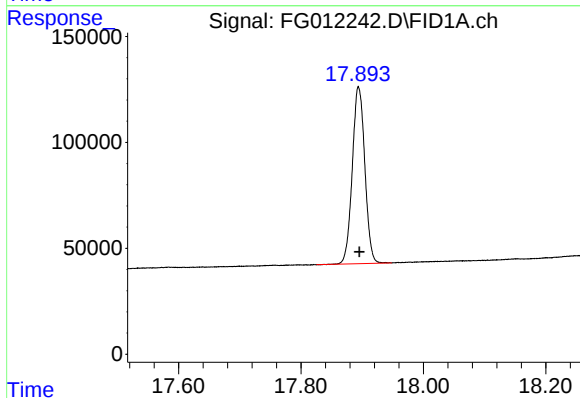
R.T.: 16.172 min
Delta R.T.: 0.000 min
Response: 1148792
Conc: 9.49 ug/ml



#17 n-Tricontane (C30)

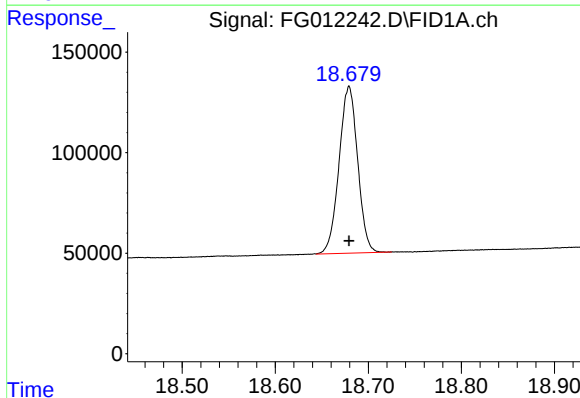
R.T.: 17.060 min
Delta R.T.: -0.002 min
Response: 1184726
Conc: 9.59 ug/ml

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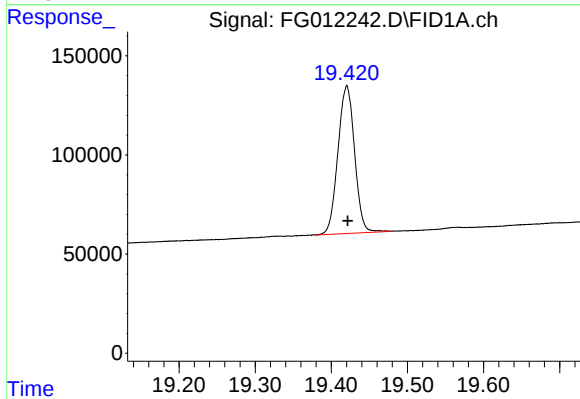
#18 n-Dotriacontane (C32)

R.T.: 17.894 min
Delta R.T.: -0.001 min
Response: 1187684
Conc: 9.77 ug/ml



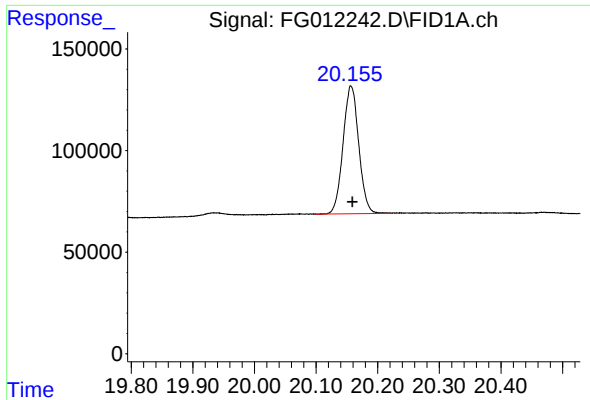
#19 n-Tetratriacontane (C34)

R.T.: 18.679 min
Delta R.T.: 0.000 min
Response: 1153931
Conc: 9.83 ug/ml m



#20 n-Hexatriacontane (C36)

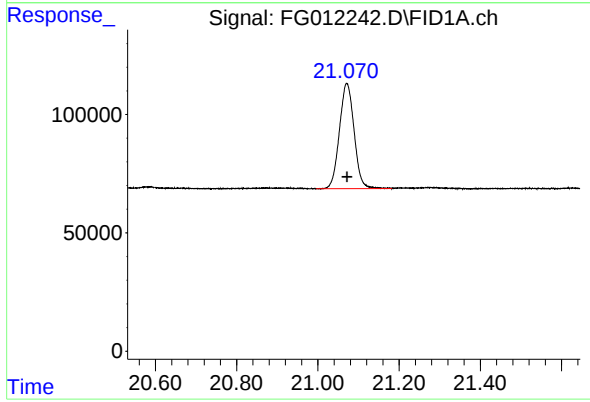
R.T.: 19.420 min
Delta R.T.: -0.001 min
Response: 1130806
Conc: 9.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.157 min
Delta R.T.: -0.002 min
Response: 1111271
Conc: 9.90 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.071 min
Delta R.T.: -0.001 min
Response: 1114113
Conc: 10.03 ug/ml