

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062023AL\
 Data File : FG012244.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 14:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jun 20 14:42:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 14:37:23 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	3205714	21.188 ug/ml
Spiked Amount 50.000		Recovery =	42.38%
12) S 1-chlorooctadecane (S...	12.340	2391767	21.235 ug/ml
Spiked Amount 50.000		Recovery =	42.47%
Target Compounds			
1) T n-Nonane (C9)	2.745	2512939	21.219 ug/ml
2) T n-Decane (C10)	3.755	2582748	21.213 ug/ml
3) T A~Naphthalene (C11.7)	5.323	2912916	21.255 ug/ml
4) T n-Dodecane (C12)	5.746	2638576	21.115 ug/ml
5) T A~2-methylnaphthalene...	6.373	2783067	21.287 ug/ml
6) T n-Tetradecane (C14)	7.540	2654621	21.190 ug/ml
7) T n-Hexadecane (C16)	9.142	2803425	21.263 ug/ml
8) T n-Octadecane (C18)	10.585	2884865	21.209 ug/ml
10) T n-Eicosane (C20)	11.895	2787265	21.205 ug/ml
11) T n-Heneicosane (C21)	12.508	2714187	21.164 ug/ml
13) T n-Docosane (C22)	13.094	2706673	21.323 ug/ml
14) T n-Tetracosane (C24)	14.199	2779144	20.881 ug/ml
15) T n-Hexacosane (C26)	15.221	2618848	21.359 ug/ml
16) T n-Octacosane (C28)	16.173	2587949	21.396 ug/ml
17) T n-Tricontane (C30)	17.062	2630669	21.144 ug/ml
18) T n-Dotriacontane (C32)	17.896	2589474	20.895 ug/ml
19) T n-Tetratriacontane (C34)	18.679	2522393	21.090 ug/mlm
20) T n-Hexatriacontane (C36)	19.421	2431264	21.097 ug/ml
21) T n-Octatriacontane (C38)	20.159	2410352	21.090 ug/ml
22) T n-Tetracontane (C40)	21.071	2375869	20.993 ug/ml

(f)=RT Delta > 1/2 Window

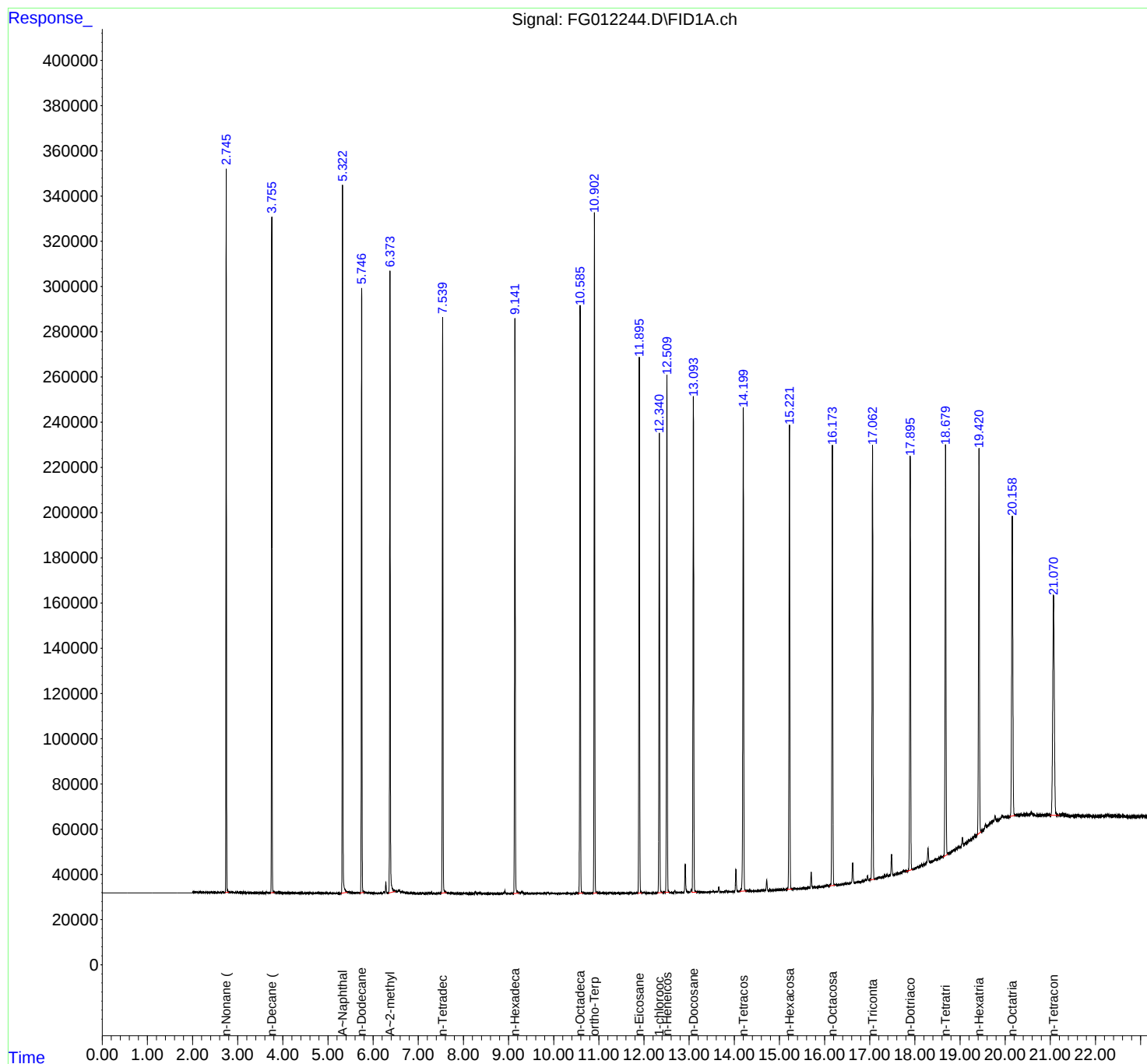
(m)=manual int.

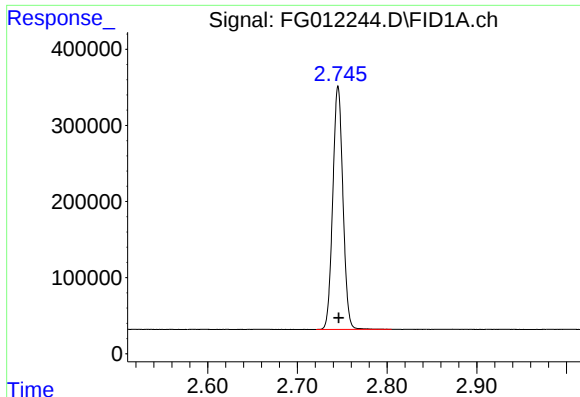
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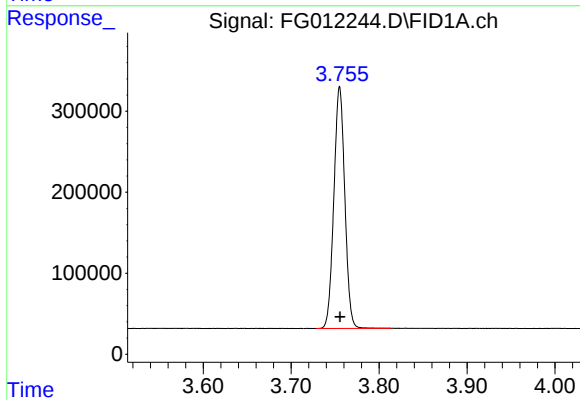




#1 n-Nonane (C9)

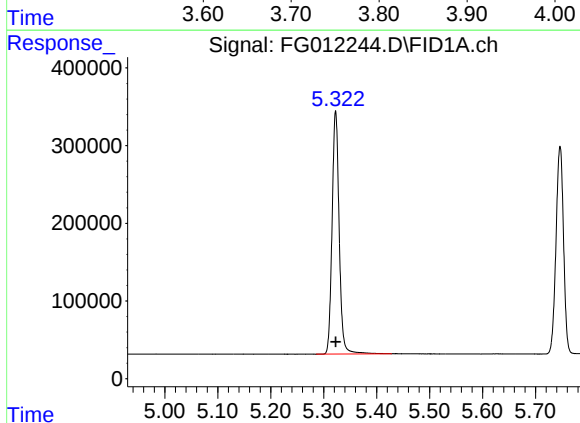
R.T.: 2.745 min
Delta R.T.: 0.000 min
Response: 2512939
Conc: 21.22 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



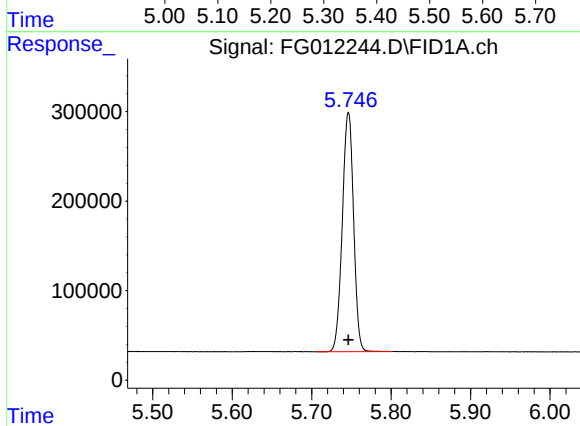
#2 n-Decane (C10)

R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 2582748
Conc: 21.21 ug/ml



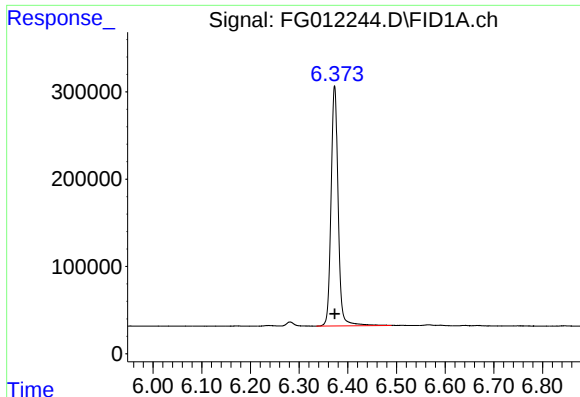
#3 A~Naphthalene (C11.7)

R.T.: 5.323 min
Delta R.T.: 0.000 min
Response: 2912916
Conc: 21.26 ug/ml



#4 n-Dodecane (C12)

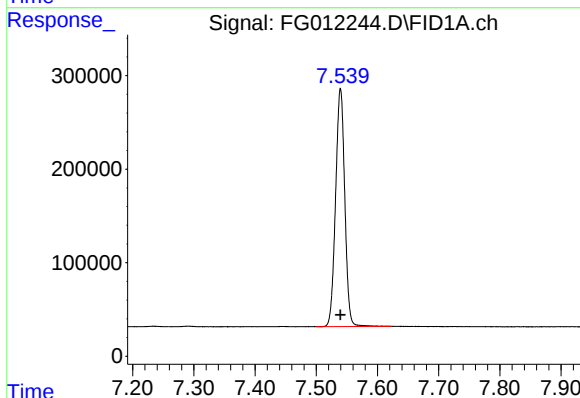
R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 2638576
Conc: 21.12 ug/ml



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

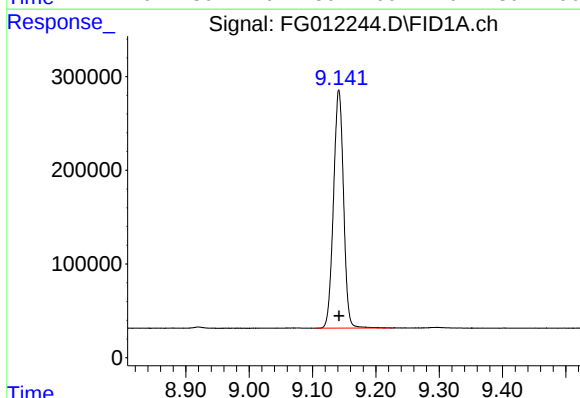
R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 2783067
Conc: 21.29 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD ICV



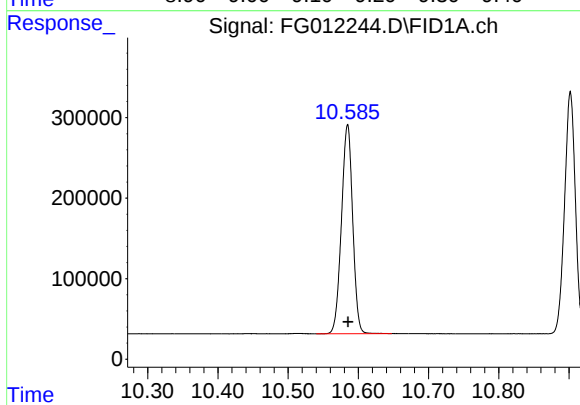
#6 n-Tetradecane (C14)

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 2654621
Conc: 21.19 ug/ml



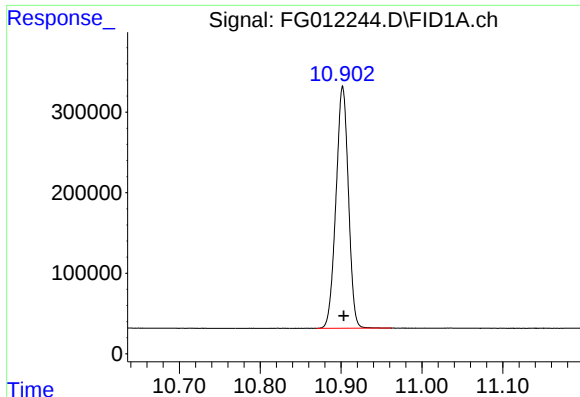
#7 n-Hexadecane (C16)

R.T.: 9.142 min
Delta R.T.: 0.000 min
Response: 2803425
Conc: 21.26 ug/ml



#8 n-Octadecane (C18)

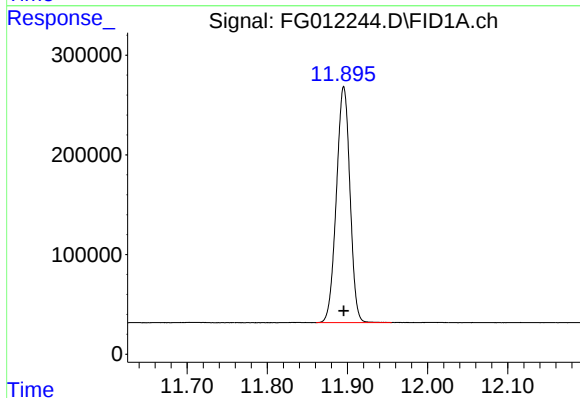
R.T.: 10.585 min
Delta R.T.: 0.000 min
Response: 2884865
Conc: 21.21 ug/ml



#9 ortho-Terphenyl (SURR)

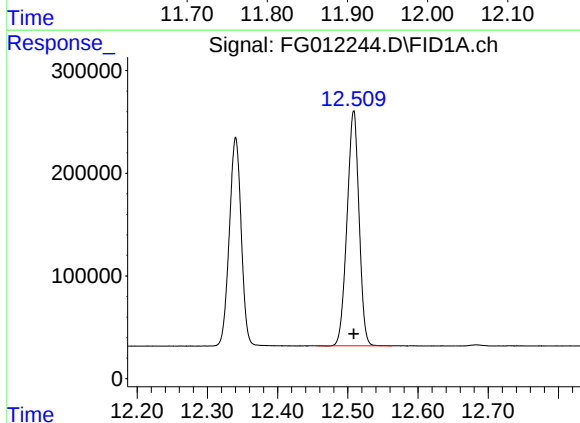
R.T.: 10.902 min
Delta R.T.: -0.001 min
Response: 3205714
Conc: 21.19 ug/ml

Instrument :
FID_G
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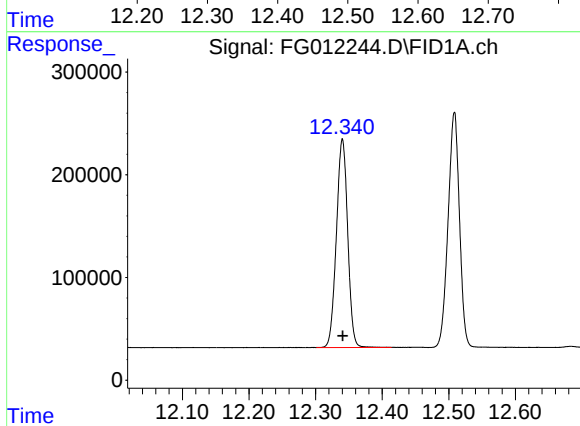
#10 n-Eicosane (C20)

R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 2787265
Conc: 21.21 ug/ml



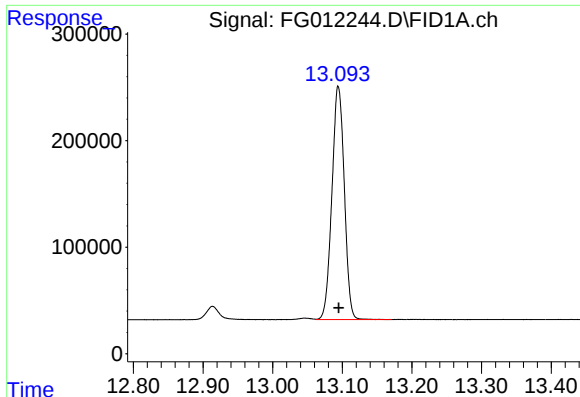
#11 n-Heneicosane (C21)

R.T.: 12.508 min
Delta R.T.: 0.000 min
Response: 2714187
Conc: 21.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.340 min
Delta R.T.: 0.000 min
Response: 2391767
Conc: 21.23 ug/ml



#13 n-Docosane (C22)

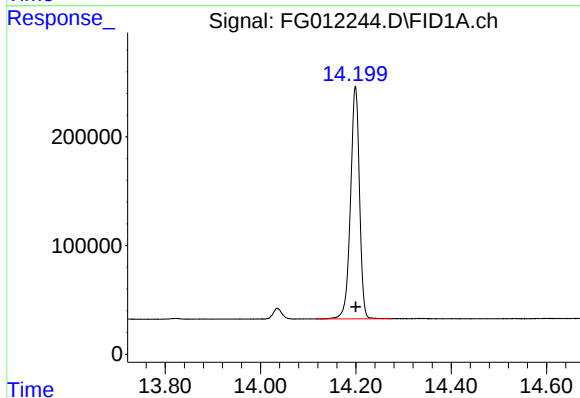
R.T.: 13.094 min
Delta R.T.: 0.000 min
Response: 2706673
Conc: 21.32 ug/ml

Instrument :

FID_G

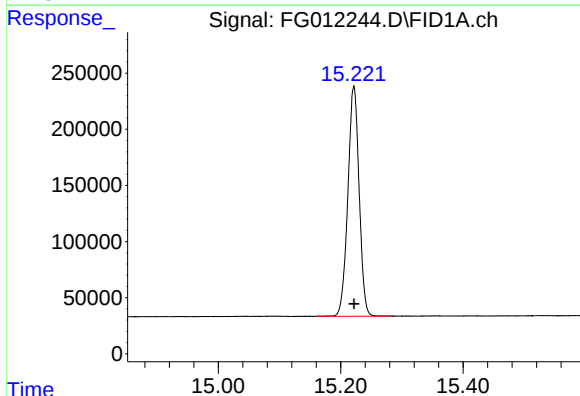
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



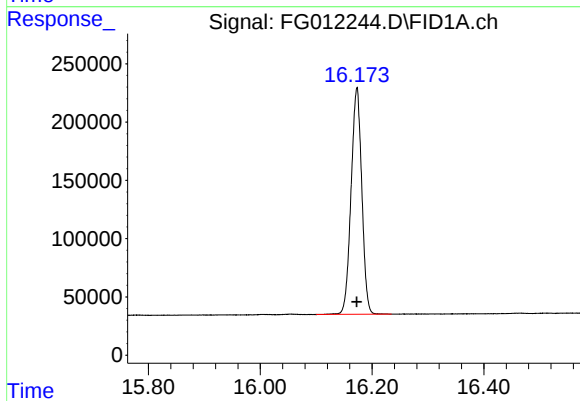
#14 n-Tetracosane (C24)

R.T.: 14.199 min
Delta R.T.: 0.000 min
Response: 2779144
Conc: 20.88 ug/ml



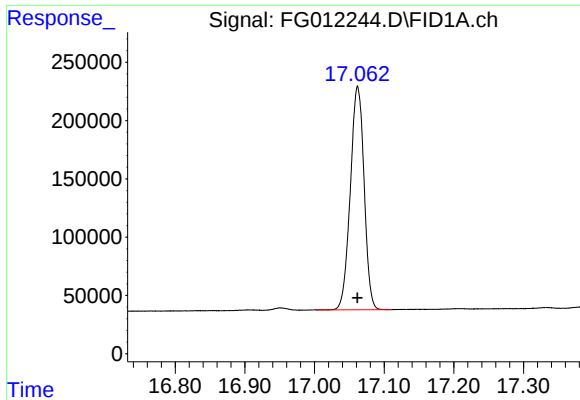
#15 n-Hexacosane (C26)

R.T.: 15.221 min
Delta R.T.: 0.000 min
Response: 2618848
Conc: 21.36 ug/ml



#16 n-Octacosane (C28)

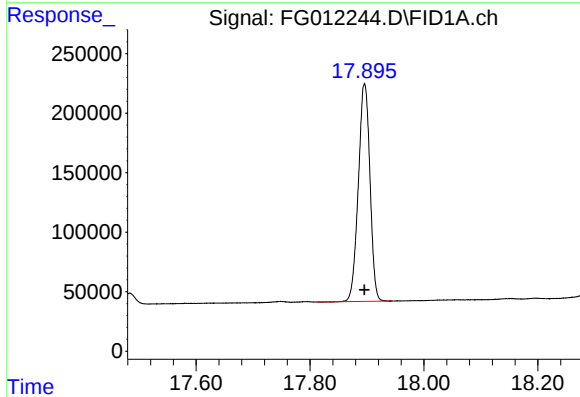
R.T.: 16.173 min
Delta R.T.: 0.000 min
Response: 2587949
Conc: 21.40 ug/ml



#17 n-Tricontane (C30)

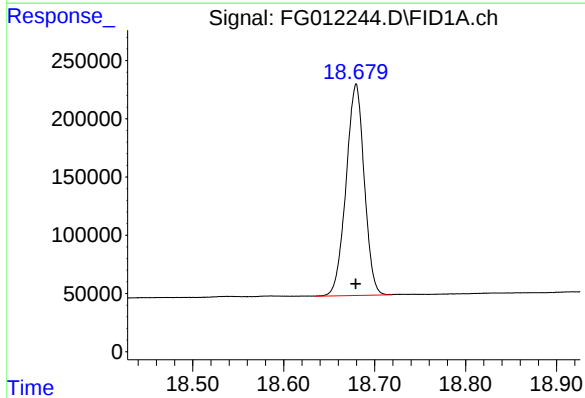
R.T.: 17.062 min
Delta R.T.: 0.000 min
Response: 2630669
Conc: 21.14 ug/ml

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FID_G
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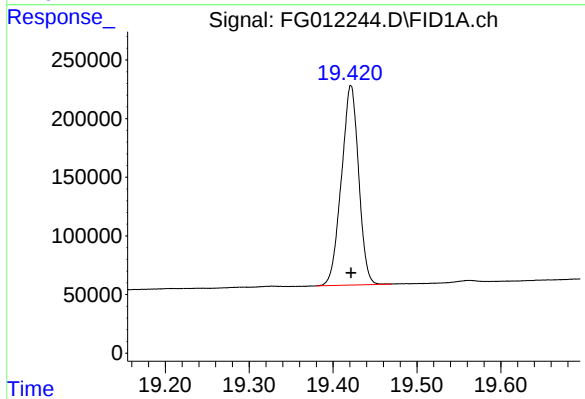
#18 n-Dotriacontane (C32)

R.T.: 17.896 min
Delta R.T.: 0.000 min
Response: 2589474
Conc: 20.89 ug/ml



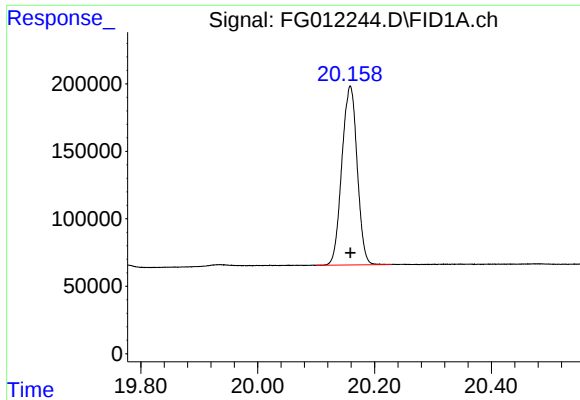
#19 n-Tetratriacontane (C34)

R.T.: 18.679 min
Delta R.T.: 0.000 min
Response: 2522393
Conc: 21.09 ug/ml m



#20 n-Hexatriacontane (C36)

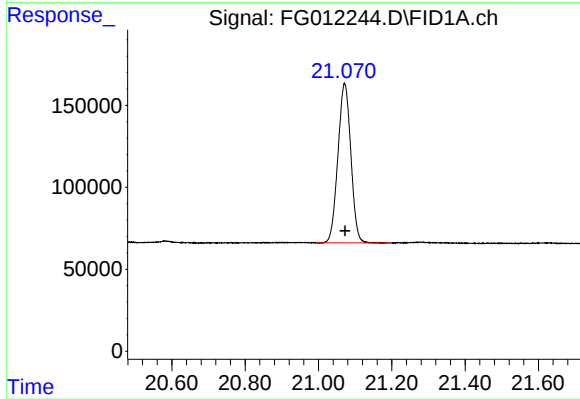
R.T.: 19.421 min
Delta R.T.: 0.000 min
Response: 2431264
Conc: 21.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.159 min
Delta R.T.: 0.000 min
Response: 2410352
Conc: 21.09 ug/ml

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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.071 min
Delta R.T.: -0.001 min
Response: 2375869
Conc: 20.99 ug/ml