

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052023AL\
 Data File : FG011912.D
 Signal(s) : FID1A.ch
 Acq On : 20 May 2023 10:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 21 02:54:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 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)	10.927	3337619	21.324 ug/ml
Spiked Amount 50.000		Recovery =	42.65%
12) S 1-chlorooctadecane (S...	12.365	2509314	21.161 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
Target Compounds			
1) T n-Nonane (C9)	2.761	2419681	21.016 ug/ml
2) T n-Decane (C10)	3.773	2498378	21.180 ug/ml
3) T A~Naphthalene (C11.7)	5.341	2752783	21.001 ug/ml
4) T n-Dodecane (C12)	5.766	2534356	21.130 ug/ml
5) T A~2-methylnaphthalene...	6.392	2629154	20.827 ug/ml
6) T n-Tetradecane (C14)	7.560	2533788	20.866 ug/ml
7) T n-Hexadecane (C16)	9.163	2714357	20.906 ug/ml
8) T n-Octadecane (C18)	10.608	2863524	21.037 ug/ml
10) T n-Eicosane (C20)	11.920	2844079	21.075 ug/ml
11) T n-Heneicosane (C21)	12.533	2823551	21.007 ug/ml
13) T n-Docosane (C22)	13.120	2835490	20.984 ug/ml
14) T n-Tetracosane (C24)	14.226	2847628	20.923 ug/ml
15) T n-Hexacosane (C26)	15.249	2792363	20.873 ug/ml
16) T n-Octacosane (C28)	16.201	2728405	20.899 ug/ml
17) T n-Tricontane (C30)	17.090	2801002	21.238 ug/ml
18) T n-Dotriacontane (C32)	17.925	2750717	21.411 ug/ml
19) T n-Tetratriacontane (C34)	18.710	2600222	21.222 ug/ml
20) T n-Hexatriacontane (C36)	19.453	2442795	20.998 ug/ml
21) T n-Octatriacontane (C38)	20.195	2398678	21.349 ug/ml
22) T n-Tetracontane (C40)	21.122	2298202	21.330 ug/ml

(f)=RT Delta > 1/2 Window

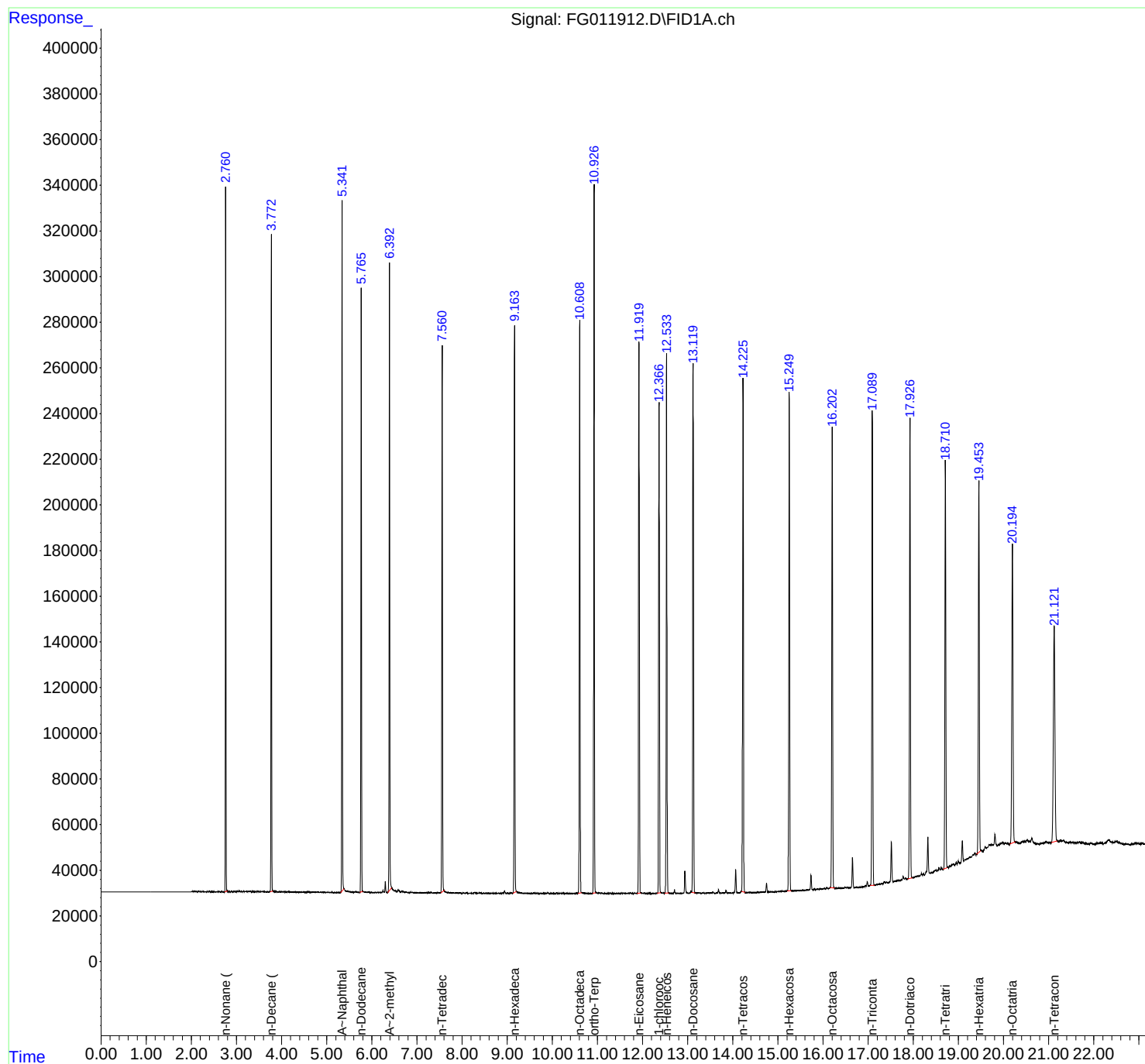
(m)=manual int.

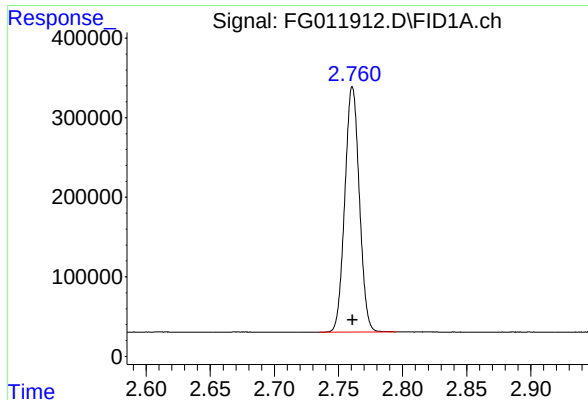
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052023AL\
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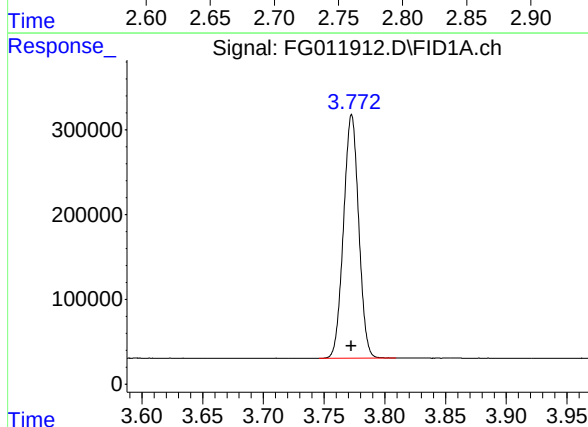




#1 n-Nonane (C9)

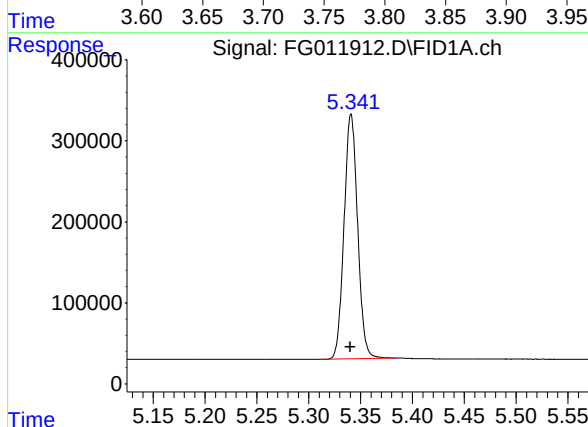
R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 2419681
Conc: 21.02 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



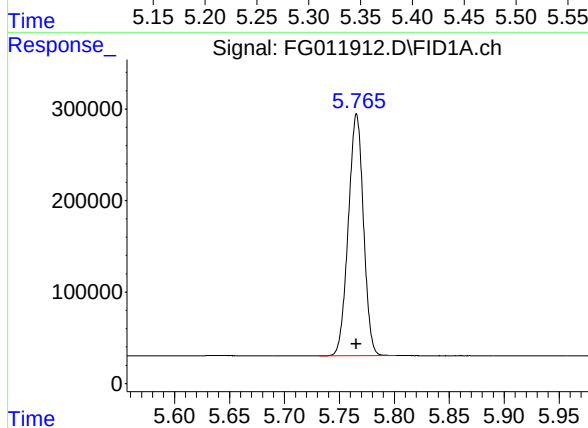
#2 n-Decane (C10)

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 2498378
Conc: 21.18 ug/ml



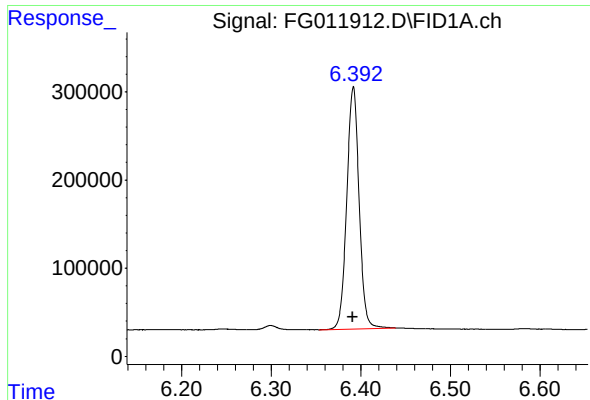
#3 A~Naphthalene (C11.7)

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 2752783
Conc: 21.00 ug/ml



#4 n-Dodecane (C12)

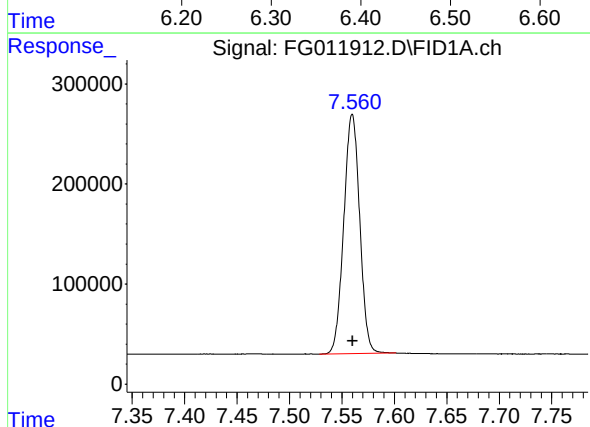
R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 2534356
Conc: 21.13 ug/ml



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

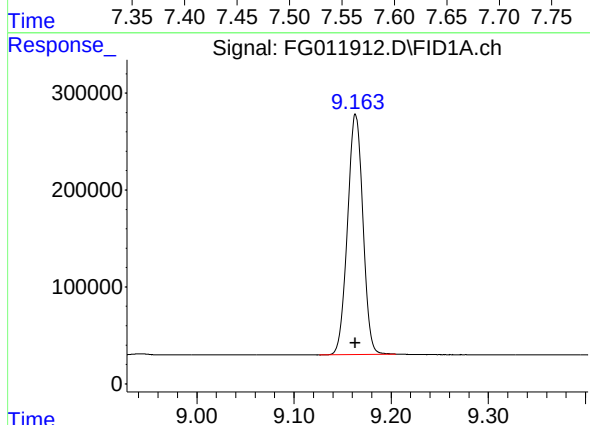
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 2629154
Conc: 20.83 ug/ml

Instrument :
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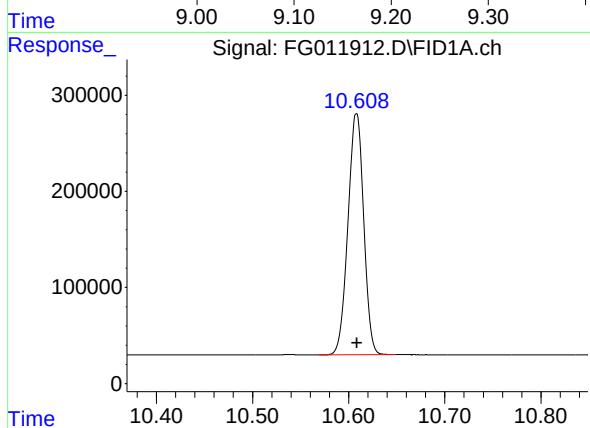
#6 n-Tetradecane (C14)

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 2533788
Conc: 20.87 ug/ml



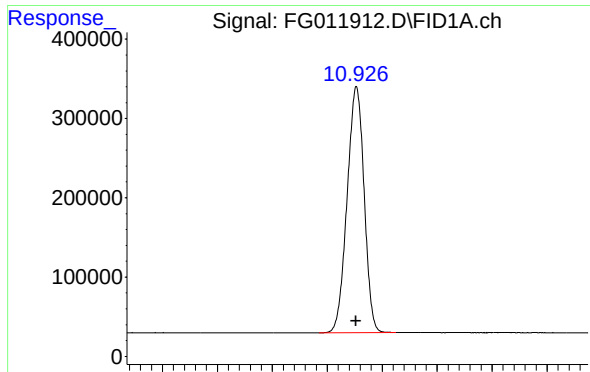
#7 n-Hexadecane (C16)

R.T.: 9.163 min
Delta R.T.: 0.000 min
Response: 2714357
Conc: 20.91 ug/ml



#8 n-Octadecane (C18)

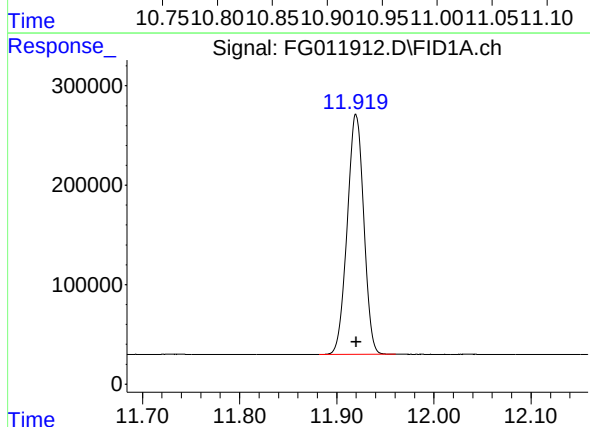
R.T.: 10.608 min
Delta R.T.: 0.000 min
Response: 2863524
Conc: 21.04 ug/ml



#9 ortho-Terphenyl (SURR)

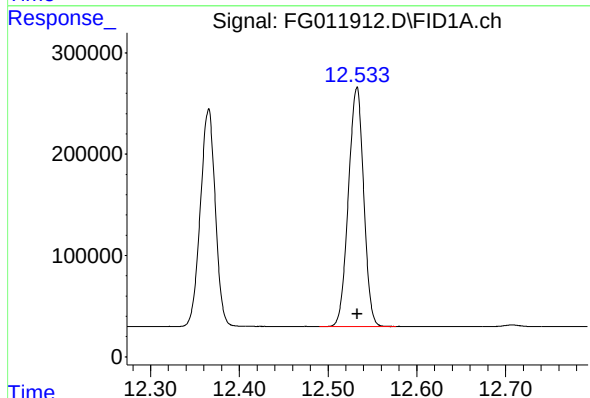
R.T.: 10.927 min
Delta R.T.: 0.000 min
Response: 3337619
Conc: 21.32 ug/ml

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20 PPM ALIPHATIC HC STD



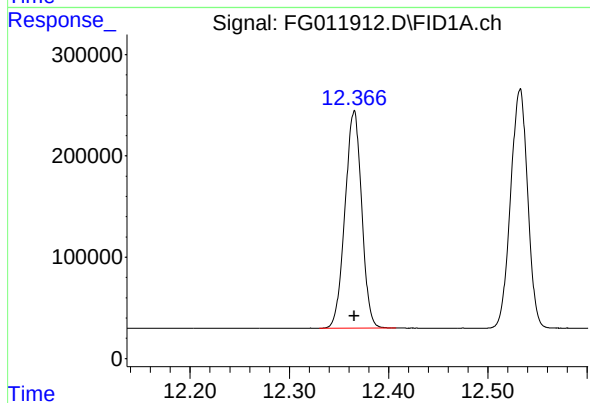
#10 n-Eicosane (C20)

R.T.: 11.920 min
Delta R.T.: 0.000 min
Response: 2844079
Conc: 21.07 ug/ml



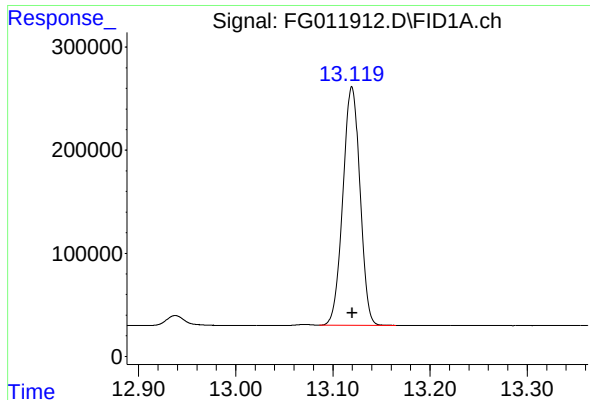
#11 n-Heneicosane (C21)

R.T.: 12.533 min
Delta R.T.: 0.000 min
Response: 2823551
Conc: 21.01 ug/ml



#12 1-chlorooctadecane (SURR)

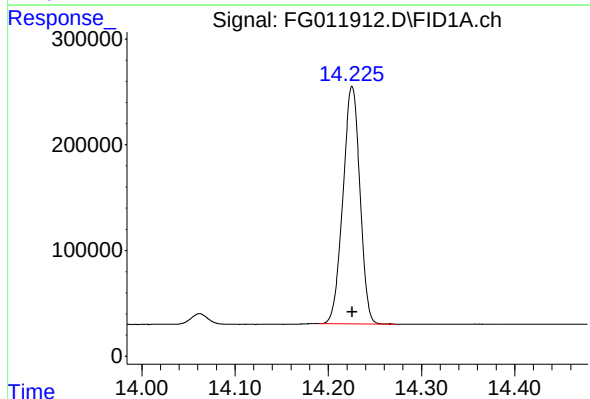
R.T.: 12.365 min
Delta R.T.: 0.000 min
Response: 2509314
Conc: 21.16 ug/ml



#13 n-Docosane (C22)

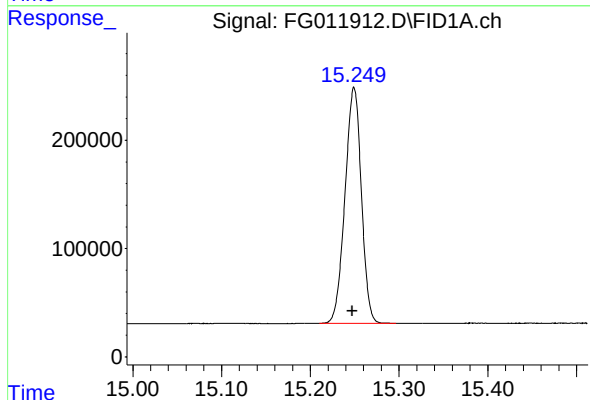
R.T.: 13.120 min
Delta R.T.: 0.000 min
Response: 2835490
Conc: 20.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



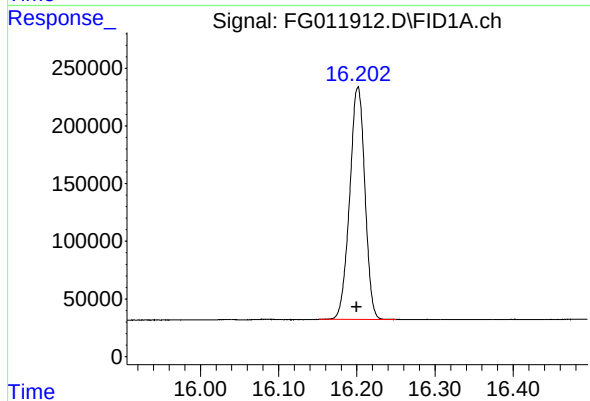
#14 n-Tetracosane (C24)

R.T.: 14.226 min
Delta R.T.: 0.000 min
Response: 2847628
Conc: 20.92 ug/ml



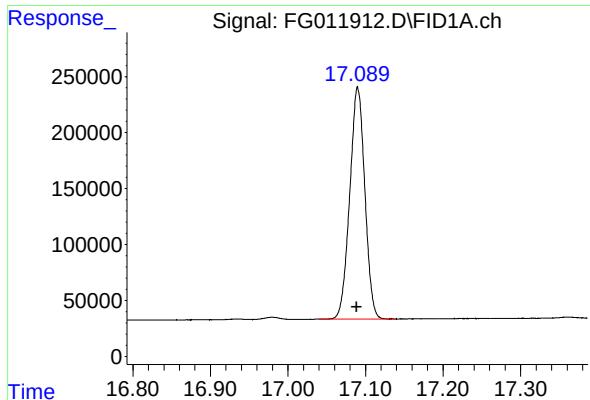
#15 n-Hexacosane (C26)

R.T.: 15.249 min
Delta R.T.: 0.002 min
Response: 2792363
Conc: 20.87 ug/ml



#16 n-Octacosane (C28)

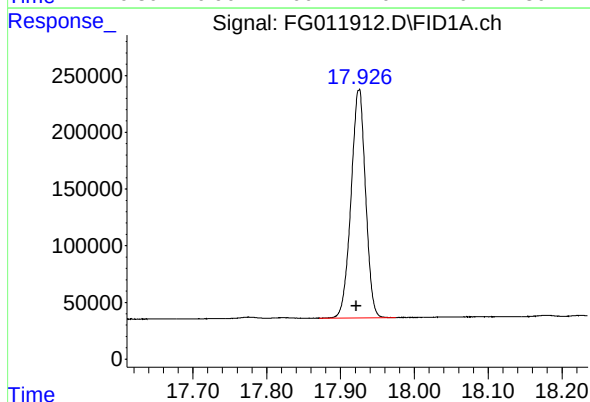
R.T.: 16.201 min
Delta R.T.: 0.002 min
Response: 2728405
Conc: 20.90 ug/ml



#17 n-Tricontane (C30)

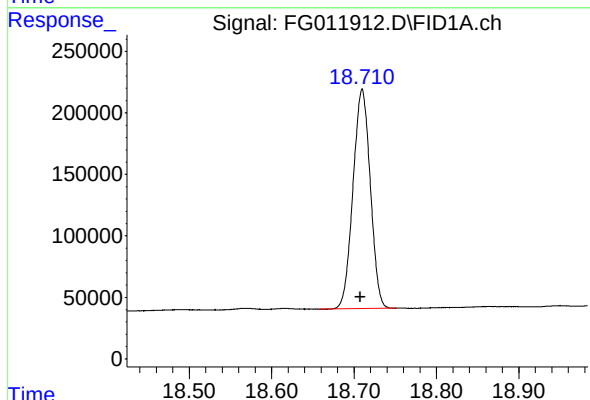
R.T.: 17.090 min
Delta R.T.: 0.002 min
Response: 2801002
Conc: 21.24 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



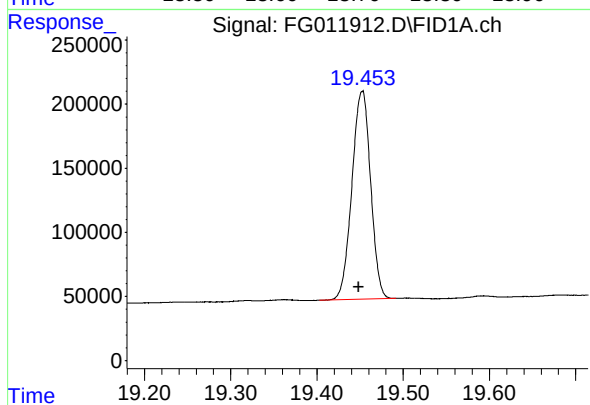
#18 n-Dotriacontane (C32)

R.T.: 17.925 min
Delta R.T.: 0.004 min
Response: 2750717
Conc: 21.41 ug/ml



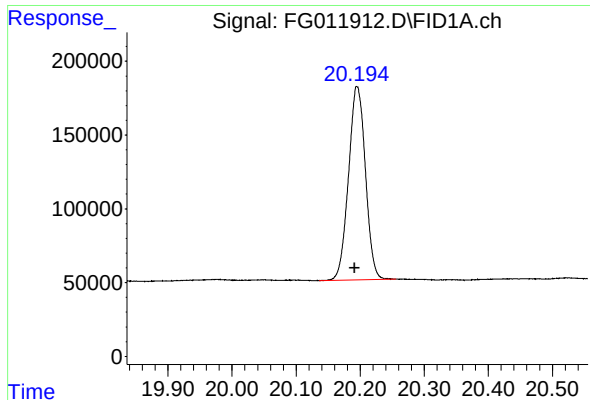
#19 n-Tetatriacontane (C34)

R.T.: 18.710 min
Delta R.T.: 0.002 min
Response: 2600222
Conc: 21.22 ug/ml



#20 n-Hexatriacontane (C36)

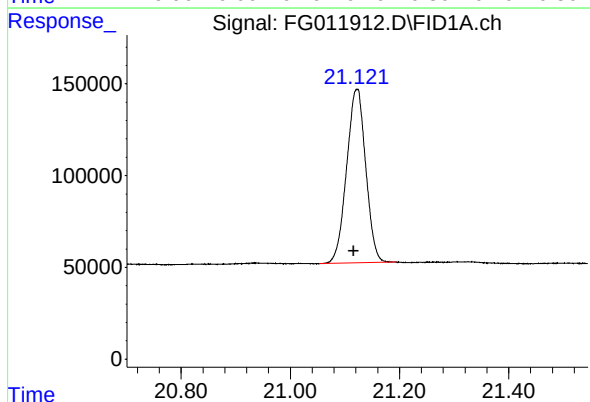
R.T.: 19.453 min
Delta R.T.: 0.004 min
Response: 2442795
Conc: 21.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.195 min
Delta R.T.: 0.004 min
Response: 2398678
Conc: 21.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.122 min
Delta R.T.: 0.006 min
Response: 2298202
Conc: 21.33 ug/ml